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ANALYTICAL REPORT

PREPARED FOR

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Generated 10/9/2023 4:22:19 PM

JOB DESCRIPTION

Project # 18-046 - Aquino Lancaster

JOB NUMBER

480-213184-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

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

Authorization

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Job ID: 480-213184-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-213184-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 9/29/2023 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-685724 recovered above the upper control limit for 1,1,1-Trichloroethane, Carbon tetrachloride and Trichlorofluoromethane. The sample associated with this CCV was non-detect for the affected analytes; therefore, the data has been reported. The associated sample is impacted: EX-9 (5.5) (480-213184-3).

Method 8260C: The following samples were analyzed using medium level soil analysis due to the nature of the sample matrix: EX-7 (6.5) (480-213184-1), EX-7 (6.5) MS (480-213184-1[MS]) and EX-7 (6.5) MSD (480-213184-1[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: EX-8 (6.5) (480-213184-2), EX-10 (6.5) (480-213184-4) and EX-11 (6.0) (480-213184-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted due to the nature of the sample matrix: EX-7 (6.5) MS (480-213184-1[MS]) and EX-7 (6.5) MSD (480-213184-1[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

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

Detection Summary

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-7 (6.5) — Lab Sample ID: 480-213184-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	360	F1	250	200	ug/Kg	1	☼	8260C	Total/NA
cis-1,2-Dichloroethene	290	F2 F1	49	14	ug/Kg	1	☼	8260C	Total/NA
Methylene Chloride	15	J F1	49	9.7	ug/Kg	1	☼	8260C	Total/NA
trans-1,2-Dichloroethene	16	J F2 F1	49	12	ug/Kg	1	☼	8260C	Total/NA
Trichloroethene	82	F2 F1	49	14	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: EX-8 (6.5) — Lab Sample ID: 480-213184-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	53000		1600	210	ug/Kg	40	☼	8260C	Total/NA
Trichloroethene	3800		1600	440	ug/Kg	40	☼	8260C	Total/NA

Client Sample ID: EX-9 (5.5) — Lab Sample ID: 480-213184-3

No Detections.

Client Sample ID: EX-10 (6.5) — Lab Sample ID: 480-213184-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	34000		460	62	ug/Kg	8	☼	8260C	Total/NA
Trichloroethene	740		460	130	ug/Kg	8	☼	8260C	Total/NA

Client Sample ID: EX-11 (6.0) — Lab Sample ID: 480-213184-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	5000		110	15	ug/Kg	2	☼	8260C	Total/NA
Trichloroethene	270		110	32	ug/Kg	2	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-7 (6.5)

Date Collected: 09/28/23 07:43
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-1

Matrix: Solid
Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	49	U F1	49	14	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,1,2,2-Tetrachloroethane	49	U F1	49	8.0	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	49	U	49	25	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,1,2-Trichloroethane	49	U F1	49	10	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,1-Dichloroethane	49	U F1	49	15	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,1-Dichloroethene	49	U	49	17	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,2,4-Trichlorobenzene	49	U F2 F1	49	19	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,2-Dibromo-3-Chloropropane	49	U F1	49	25	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,2-Dibromoethane	49	U F1	49	8.6	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,2-Dichlorobenzene	49	U F1	49	13	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,2-Dichloroethane	49	U F1	49	20	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,2-Dichloropropane	49	U F1	49	8.0	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,3-Dichlorobenzene	49	U F1	49	13	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
1,4-Dichlorobenzene	49	U F1	49	6.9	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
2-Butanone (MEK)	250	U F1	250	150	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
2-Hexanone	250	U F1	250	100	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
4-Methyl-2-pentanone (MIBK)	250	U F1	250	16	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Acetone	**360**	**F1**	250	200	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Benzene	49	U F1	49	9.3	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Bromodichloromethane	49	U F1	49	9.8	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Bromoform	49	U	49	25	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Bromomethane	49	U F2	49	11	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Carbon disulfide	49	U	49	22	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Carbon tetrachloride	49	U	49	13	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Chlorobenzene	49	U F1	49	6.5	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Chloroethane	49	U F2	49	10	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Chloroform	49	U F1	49	34	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Chloromethane	49	U	49	12	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
cis-1,2-Dichloroethene	**290**	**F2 F1**	49	14	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
cis-1,3-Dichloropropene	49	U F1	49	12	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Cyclohexane	49	U	49	11	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Dibromochloromethane	49	U F1	49	24	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Dichlorodifluoromethane	49	U F2	49	21	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Ethylbenzene	49	U F1	49	14	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Isopropylbenzene	49	U F1	49	7.4	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Methyl acetate	250	U F2 F1	250	23	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Methyl tert-butyl ether	49	U F1	49	19	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Methylcyclohexane	49	U	49	23	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Methylene Chloride	**15**	**J F1**	49	9.7	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Styrene	49	U F1	49	12	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Tetrachloroethene	49	U F1	49	6.6	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Toluene	49	U F1	49	13	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
trans-1,2-Dichloroethene	**16**	**J F2 F1**	49	12	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
trans-1,3-Dichloropropene	49	U F1	49	4.8	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Trichloroethene	**82**	**F2 F1**	49	14	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Trichlorofluoromethane	49	U F2	49	23	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Vinyl chloride	49	U	49	16	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1
Xylenes, Total	98	U F1	98	27	ug/Kg	☼	10/03/23 11:52	10/03/23 14:20	1

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-7 (6.5)

Date Collected: 09/28/23 07:43
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-1

Matrix: Solid
Percent Solids: 82.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		53 - 146	10/03/23 11:52	10/03/23 14:20	1
4-Bromofluorobenzene (Surr)	96		49 - 148	10/03/23 11:52	10/03/23 14:20	1
Dibromofluoromethane (Surr)	99		60 - 140	10/03/23 11:52	10/03/23 14:20	1
Toluene-d8 (Surr)	107		50 - 149	10/03/23 11:52	10/03/23 14:20	1

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-8 (6.5)

Date Collected: 09/28/23 09:49
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-2

Matrix: Solid
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1600	U	1600	440	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,1,2,2-Tetrachloroethane	1600	U	1600	260	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,1,2-Trichloro-1,2,2-trifluoroethane	1600	U	1600	790	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,1,2-Trichloroethane	1600	U	1600	330	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,1-Dichloroethane	1600	U	1600	490	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,1-Dichloroethene	1600	U	1600	550	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,2,4-Trichlorobenzene	1600	U	1600	600	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,2-Dibromo-3-Chloropropane	1600	U	1600	790	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,2-Dibromoethane	1600	U	1600	280	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,2-Dichlorobenzene	1600	U	1600	400	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,2-Dichloroethane	1600	U	1600	650	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,2-Dichloropropane	1600	U	1600	260	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,3-Dichlorobenzene	1600	U	1600	420	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
1,4-Dichlorobenzene	1600	U	1600	220	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
2-Butanone (MEK)	7900	U	7900	4700	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
2-Hexanone	7900	U	7900	3300	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
4-Methyl-2-pentanone (MIBK)	7900	U	7900	510	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Acetone	7900	U	7900	6500	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Benzene	1600	U	1600	300	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Bromodichloromethane	1600	U	1600	320	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Bromoform	1600	U	1600	790	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Bromomethane	1600	U	1600	350	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Carbon disulfide	1600	U	1600	720	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Carbon tetrachloride	1600	U	1600	400	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Chlorobenzene	1600	U	1600	210	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Chloroethane	1600	U	1600	330	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Chloroform	1600	U	1600	1100	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Chloromethane	1600	U	1600	380	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
cis-1,2-Dichloroethene	1600	U	1600	440	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
cis-1,3-Dichloropropene	1600	U	1600	380	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Cyclohexane	1600	U	1600	350	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Dibromochloromethane	1600	U	1600	770	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Dichlorodifluoromethane	1600	U	1600	690	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Ethylbenzene	1600	U	1600	460	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Isopropylbenzene	1600	U	1600	240	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Methyl acetate	7900	U	7900	760	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Methyl tert-butyl ether	1600	U	1600	600	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Methylcyclohexane	1600	U	1600	740	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Methylene Chloride	1600	U	1600	310	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Styrene	1600	U	1600	380	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Tetrachloroethene	**53000**		1600	210	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Toluene	1600	U	1600	430	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
trans-1,2-Dichloroethene	1600	U	1600	370	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
trans-1,3-Dichloropropene	1600	U	1600	160	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Trichloroethene	**3800**		1600	440	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Trichlorofluoromethane	1600	U	1600	740	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Vinyl chloride	1600	U	1600	530	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40
Xylenes, Total	3200	U	3200	880	ug/Kg	☼	10/03/23 11:52	10/03/23 14:43	40

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-8 (6.5)

Date Collected: 09/28/23 09:49
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-2

Matrix: Solid
Percent Solids: 85.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		53 - 146	10/03/23 11:52	10/03/23 14:43	40
4-Bromofluorobenzene (Surr)	95		49 - 148	10/03/23 11:52	10/03/23 14:43	40
Dibromofluoromethane (Surr)	108		60 - 140	10/03/23 11:52	10/03/23 14:43	40
Toluene-d8 (Surr)	106		50 - 149	10/03/23 11:52	10/03/23 14:43	40

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-9 (5.5)

Date Collected: 09/28/23 10:08
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-3

Matrix: Solid
Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.8	U	5.8	0.42	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,1,2,2-Tetrachloroethane	5.8	U	5.8	0.93	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	5.8	1.3	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,1,2-Trichloroethane	5.8	U	5.8	0.75	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,1-Dichloroethane	5.8	U	5.8	0.70	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,1-Dichloroethene	5.8	U	5.8	0.70	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,2,4-Trichlorobenzene	5.8	U	5.8	0.35	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,2-Dibromo-3-Chloropropane	5.8	U	5.8	2.9	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,2-Dibromoethane	5.8	U	5.8	0.74	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,2-Dichlorobenzene	5.8	U	5.8	0.45	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,2-Dichloroethane	5.8	U	5.8	0.29	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,2-Dichloropropane	5.8	U	5.8	2.9	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,3-Dichlorobenzene	5.8	U	5.8	0.30	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
1,4-Dichlorobenzene	5.8	U	5.8	0.81	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
2-Butanone (MEK)	29	U	29	2.1	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
2-Hexanone	29	U	29	2.9	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
4-Methyl-2-pentanone (MIBK)	29	U	29	1.9	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Acetone	29	U	29	4.8	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Benzene	5.8	U	5.8	0.28	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Bromodichloromethane	5.8	U	5.8	0.77	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Bromoform	5.8	U	5.8	2.9	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Bromomethane	5.8	U	5.8	0.52	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Carbon disulfide	5.8	U	5.8	2.9	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Carbon tetrachloride	5.8	U	5.8	0.56	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Chlorobenzene	5.8	U	5.8	0.76	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Chloroethane	5.8	U	5.8	1.3	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Chloroform	5.8	U	5.8	0.36	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Chloromethane	5.8	U	5.8	0.35	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
cis-1,2-Dichloroethene	5.8	U	5.8	0.74	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
cis-1,3-Dichloropropene	5.8	U	5.8	0.83	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Cyclohexane	5.8	U	5.8	0.81	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Dibromochloromethane	5.8	U	5.8	0.74	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Dichlorodifluoromethane	5.8	U	5.8	0.48	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Ethylbenzene	5.8	U	5.8	0.40	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Isopropylbenzene	5.8	U	5.8	0.87	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Methyl acetate	29	U	29	3.5	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Methyl tert-butyl ether	5.8	U	5.8	0.57	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Methylcyclohexane	5.8	U	5.8	0.87	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Methylene Chloride	5.8	U	5.8	2.6	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Styrene	5.8	U	5.8	0.29	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Tetrachloroethene	5.8	U	5.8	0.77	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Toluene	5.8	U	5.8	0.44	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
trans-1,2-Dichloroethene	5.8	U	5.8	0.59	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
trans-1,3-Dichloropropene	5.8	U	5.8	2.5	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Trichloroethene	5.8	U	5.8	1.3	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Trichlorofluoromethane	5.8	U	5.8	0.54	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Vinyl chloride	5.8	U	5.8	0.70	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1
Xylenes, Total	12	U	12	0.97	ug/Kg	☼	09/29/23 16:30	10/01/23 10:52	1

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-9 (5.5)

Date Collected: 09/28/23 10:08
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-3

Matrix: Solid
Percent Solids: 90.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		64 - 126	09/29/23 16:30	10/01/23 10:52	1
4-Bromofluorobenzene (Surr)	104		72 - 126	09/29/23 16:30	10/01/23 10:52	1
Dibromofluoromethane (Surr)	112		60 - 140	09/29/23 16:30	10/01/23 10:52	1
Toluene-d8 (Surr)	92		71 - 125	09/29/23 16:30	10/01/23 10:52	1

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-10 (6.5)

Date Collected: 09/28/23 11:47
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-4

Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	460	U	460	130	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,1,2,2-Tetrachloroethane	460	U	460	75	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,1,2-Trichloro-1,2,2-trifluoroethane	460	U	460	230	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,1,2-Trichloroethane	460	U	460	98	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,1-Dichloroethane	460	U	460	140	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,1-Dichloroethene	460	U	460	160	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,2,4-Trichlorobenzene	460	U	460	180	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,2-Dibromo-3-Chloropropane	460	U	460	230	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,2-Dibromoethane	460	U	460	81	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,2-Dichlorobenzene	460	U	460	120	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,2-Dichloroethane	460	U	460	190	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,2-Dichloropropane	460	U	460	75	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,3-Dichlorobenzene	460	U	460	120	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
1,4-Dichlorobenzene	460	U	460	65	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
2-Butanone (MEK)	2300	U	2300	1400	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
2-Hexanone	2300	U	2300	950	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
4-Methyl-2-pentanone (MIBK)	2300	U	2300	150	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Acetone	2300	U	2300	1900	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Benzene	460	U	460	88	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Bromodichloromethane	460	U	460	93	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Bromoform	460	U	460	230	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Bromomethane	460	U	460	100	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Carbon disulfide	460	U	460	210	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Carbon tetrachloride	460	U	460	120	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Chlorobenzene	460	U	460	61	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Chloroethane	460	U	460	97	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Chloroform	460	U	460	320	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Chloromethane	460	U	460	110	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
cis-1,2-Dichloroethene	460	U	460	130	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
cis-1,3-Dichloropropene	460	U	460	110	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Cyclohexane	460	U	460	100	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Dibromochloromethane	460	U	460	220	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Dichlorodifluoromethane	460	U	460	200	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Ethylbenzene	460	U	460	140	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Isopropylbenzene	460	U	460	70	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Methyl acetate	2300	U	2300	220	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Methyl tert-butyl ether	460	U	460	180	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Methylcyclohexane	460	U	460	220	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Methylene Chloride	460	U	460	92	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Styrene	460	U	460	110	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Tetrachloroethene	**34000**		460	62	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Toluene	460	U	460	120	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
trans-1,2-Dichloroethene	460	U	460	110	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
trans-1,3-Dichloropropene	460	U	460	46	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Trichloroethene	**740**		460	130	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Trichlorofluoromethane	460	U	460	220	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Vinyl chloride	460	U	460	160	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8
Xylenes, Total	930	U	930	260	ug/Kg	☼	10/03/23 11:52	10/03/23 15:06	8

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-10 (6.5)

Date Collected: 09/28/23 11:47
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-4

Matrix: Solid
Percent Solids: 80.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		53 - 146	10/03/23 11:52	10/03/23 15:06	8
4-Bromofluorobenzene (Surr)	95		49 - 148	10/03/23 11:52	10/03/23 15:06	8
Dibromofluoromethane (Surr)	105		60 - 140	10/03/23 11:52	10/03/23 15:06	8
Toluene-d8 (Surr)	107		50 - 149	10/03/23 11:52	10/03/23 15:06	8

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-11 (6.0)

Date Collected: 09/28/23 11:58
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-5

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	110	U	110	32	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,1,2,2-Tetrachloroethane	110	U	110	18	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,1,2-Trichloro-1,2,2-trifluoroethane	110	U	110	57	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,1,2-Trichloroethane	110	U	110	24	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,1-Dichloroethane	110	U	110	35	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,1-Dichloroethene	110	U	110	39	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,2,4-Trichlorobenzene	110	U	110	43	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,2-Dibromo-3-Chloropropane	110	U	110	57	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,2-Dibromoethane	110	U	110	20	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,2-Dichlorobenzene	110	U	110	29	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,2-Dichloroethane	110	U	110	47	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,2-Dichloropropane	110	U	110	18	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,3-Dichlorobenzene	110	U	110	30	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
1,4-Dichlorobenzene	110	U	110	16	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
2-Butanone (MEK)	570	U	570	340	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
2-Hexanone	570	U	570	230	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
4-Methyl-2-pentanone (MIBK)	570	U	570	36	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Acetone	570	U	570	470	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Benzene	110	U	110	22	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Bromodichloromethane	110	U	110	23	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Bromoform	110	U	110	57	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Bromomethane	110	U	110	25	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Carbon disulfide	110	U	110	52	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Carbon tetrachloride	110	U	110	29	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Chlorobenzene	110	U	110	15	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Chloroethane	110	U	110	24	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Chloroform	110	U	110	78	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Chloromethane	110	U	110	27	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
cis-1,2-Dichloroethene	110	U	110	31	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
cis-1,3-Dichloropropene	110	U	110	27	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Cyclohexane	110	U	110	25	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Dibromochloromethane	110	U	110	55	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Dichlorodifluoromethane	110	U	110	50	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Ethylbenzene	110	U	110	33	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Isopropylbenzene	110	U	110	17	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Methyl acetate	570	U	570	54	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Methyl tert-butyl ether	110	U	110	43	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Methylcyclohexane	110	U	110	53	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Methylene Chloride	110	U	110	23	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Styrene	110	U	110	27	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Tetrachloroethene	**5000**		110	15	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Toluene	110	U	110	30	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
trans-1,2-Dichloroethene	110	U	110	27	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
trans-1,3-Dichloropropene	110	U	110	11	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Trichloroethene	**270**		110	32	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Trichlorofluoromethane	110	U	110	53	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Vinyl chloride	110	U	110	38	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2
Xylenes, Total	230	U	230	63	ug/Kg	☼	10/03/23 11:52	10/03/23 15:30	2

Client Sample Results

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-11 (6.0)

Date Collected: 09/28/23 11:58
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-5

Matrix: Solid
Percent Solids: 84.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		53 - 146	10/03/23 11:52	10/03/23 15:30	2
4-Bromofluorobenzene (Surr)	98		49 - 148	10/03/23 11:52	10/03/23 15:30	2
Dibromofluoromethane (Surr)	103		60 - 140	10/03/23 11:52	10/03/23 15:30	2
Toluene-d8 (Surr)	107		50 - 149	10/03/23 11:52	10/03/23 15:30	2

Surrogate Summary

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(53-146)	(49-148)	(60-140)	(50-149)
480-213184-1	EX-7 (6.5)	100	96	99	107
480-213184-1 MS	EX-7 (6.5) MS	103	94	100	108
480-213184-1 MSD	EX-7 (6.5) MSD	103	96	102	107
480-213184-2	EX-8 (6.5)	109	95	108	106
480-213184-4	EX-10 (6.5)	105	95	105	107
480-213184-5	EX-11 (6.0)	104	98	103	107
LCS 480-685949/2-A	Lab Control Sample	103	94	100	106
MB 480-685949/1-A	Method Blank	106	98	101	110

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(60-140)	(71-125)
480-213184-3	EX-9 (5.5)	106	104	112	92
LCS 480-685723/1-A	Lab Control Sample	103	103	109	94
MB 480-685723/2-A	Method Blank	104	106	110	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-685723/2-A
Matrix: Solid
Analysis Batch: 685724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.36	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.1	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,1-Dichloroethane	5.0	U	5.0	0.61	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,1-Dichloroethene	5.0	U	5.0	0.61	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.30	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,2-Dibromoethane	5.0	U	5.0	0.64	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,2-Dichlorobenzene	5.0	U	5.0	0.39	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,2-Dichloroethane	5.0	U	5.0	0.25	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,2-Dichloropropane	5.0	U	5.0	2.5	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,3-Dichlorobenzene	5.0	U	5.0	0.26	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
1,4-Dichlorobenzene	5.0	U	5.0	0.70	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
2-Butanone (MEK)	25	U	25	1.8	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
2-Hexanone	25	U	25	2.5	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
4-Methyl-2-pentanone (MIBK)	25	U	25	1.6	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Acetone	25	U	25	4.2	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Benzene	5.0	U	5.0	0.25	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Bromodichloromethane	5.0	U	5.0	0.67	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Bromoform	5.0	U	5.0	2.5	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Bromomethane	5.0	U	5.0	0.45	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Carbon disulfide	5.0	U	5.0	2.5	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Carbon tetrachloride	5.0	U	5.0	0.48	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Chlorobenzene	5.0	U	5.0	0.66	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Chloroethane	5.0	U	5.0	1.1	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Chloroform	5.0	U	5.0	0.31	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Chloromethane	5.0	U	5.0	0.30	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.64	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.72	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Cyclohexane	5.0	U	5.0	0.70	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Dibromochloromethane	5.0	U	5.0	0.64	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Dichlorodifluoromethane	5.0	U	5.0	0.41	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Ethylbenzene	5.0	U	5.0	0.35	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Isopropylbenzene	5.0	U	5.0	0.75	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Methyl acetate	25	U	25	3.0	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Methyl tert-butyl ether	5.0	U	5.0	0.49	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Methylcyclohexane	5.0	U	5.0	0.76	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Methylene Chloride	5.0	U	5.0	2.3	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Styrene	5.0	U	5.0	0.25	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Tetrachloroethene	5.0	U	5.0	0.67	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Toluene	5.0	U	5.0	0.38	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
trans-1,3-Dichloropropene	5.0	U	5.0	2.2	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Trichloroethene	5.0	U	5.0	1.1	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Trichlorofluoromethane	5.0	U	5.0	0.47	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Vinyl chloride	5.0	U	5.0	0.61	ug/Kg		10/01/23 06:23	10/01/23 10:04	1
Xylenes, Total	10	U	10	0.84	ug/Kg		10/01/23 06:23	10/01/23 10:04	1

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

Lab Sample ID: MB 480-685723/2-A
Matrix: Solid
Analysis Batch: 685724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685723

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*10/01/23 06:23*	*10/01/23 10:04*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*10/01/23 06:23*	*10/01/23 10:04*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*10/01/23 06:23*	*10/01/23 10:04*	*1*
Toluene-d8 (Surr)	*92*		*71 - 125*	*10/01/23 06:23*	*10/01/23 10:04*	*1*

Lab Sample ID: LCS 480-685723/1-A
Matrix: Solid
Analysis Batch: 685724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	56.5		ug/Kg		113	77 - 121
1,1,2,2-Tetrachloroethane	50.0	44.1		ug/Kg		88	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.5		ug/Kg		107	60 - 140
1,1,2-Trichloroethane	50.0	46.8		ug/Kg		94	78 - 122
1,1-Dichloroethane	50.0	52.4		ug/Kg		105	73 - 126
1,1-Dichloroethene	50.0	53.0		ug/Kg		106	59 - 125
1,2,4-Trichlorobenzene	50.0	43.2		ug/Kg		86	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/Kg		100	63 - 124
1,2-Dibromoethane	50.0	46.6		ug/Kg		93	78 - 120
1,2-Dichlorobenzene	50.0	42.2		ug/Kg		84	75 - 120
1,2-Dichloroethane	50.0	53.5		ug/Kg		107	77 - 122
1,2-Dichloropropane	50.0	52.6		ug/Kg		105	75 - 124
1,3-Dichlorobenzene	50.0	42.3		ug/Kg		85	74 - 120
1,4-Dichlorobenzene	50.0	41.9		ug/Kg		84	73 - 120
2-Butanone (MEK)	250	282		ug/Kg		113	70 - 134
2-Hexanone	250	238		ug/Kg		95	59 - 130
4-Methyl-2-pentanone (MIBK)	250	236		ug/Kg		94	65 - 133
Acetone	250	286		ug/Kg		114	61 - 137
Benzene	50.0	51.9		ug/Kg		104	79 - 127
Bromodichloromethane	50.0	58.6		ug/Kg		117	80 - 122
Bromoform	50.0	58.1		ug/Kg		116	68 - 126
Bromomethane	50.0	52.4		ug/Kg		105	37 - 149
Carbon disulfide	50.0	51.2		ug/Kg		102	64 - 131
Carbon tetrachloride	50.0	62.6		ug/Kg		125	75 - 135
Chlorobenzene	50.0	44.8		ug/Kg		90	76 - 124
Chloroethane	50.0	57.1		ug/Kg		114	69 - 135
Chloroform	50.0	53.0		ug/Kg		106	80 - 120
Chloromethane	50.0	52.9		ug/Kg		106	63 - 127
cis-1,2-Dichloroethene	50.0	52.5		ug/Kg		105	81 - 120
cis-1,3-Dichloropropene	50.0	54.6		ug/Kg		109	80 - 120
Cyclohexane	50.0	53.8		ug/Kg		108	65 - 120
Dibromochloromethane	50.0	55.2		ug/Kg		110	76 - 125
Dichlorodifluoromethane	50.0	55.3		ug/Kg		111	57 - 142
Ethylbenzene	50.0	44.6		ug/Kg		89	80 - 120
Isopropylbenzene	50.0	42.6		ug/Kg		85	72 - 120
Methyl acetate	100	110		ug/Kg		110	55 - 136
Methyl tert-butyl ether	50.0	50.9		ug/Kg		102	63 - 125
Methylcyclohexane	50.0	52.6		ug/Kg		105	60 - 140

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

Lab Sample ID: LCS 480-685723/1-A
Matrix: Solid
Analysis Batch: 685724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	54.5		ug/Kg		109	61 - 127
Styrene	50.0	44.3		ug/Kg		89	80 - 120
Tetrachloroethene	50.0	45.2		ug/Kg		90	74 - 122
Toluene	50.0	44.5		ug/Kg		89	74 - 128
trans-1,2-Dichloroethene	50.0	53.9		ug/Kg		108	78 - 126
trans-1,3-Dichloropropene	50.0	48.2		ug/Kg		96	73 - 123
Trichloroethene	50.0	51.9		ug/Kg		104	77 - 129
Trichlorofluoromethane	50.0	55.5		ug/Kg		111	65 - 146
Vinyl chloride	50.0	51.5		ug/Kg		103	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*
Dibromofluoromethane (Surr)	*109*		*60 - 140*
Toluene-d8 (Surr)	*94*		*71 - 125*

Lab Sample ID: MB 480-685949/1-A
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	28	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,1,2,2-Tetrachloroethane	100	U	100	16	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	50	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,1,2-Trichloroethane	100	U	100	21	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,1-Dichloroethane	100	U	100	31	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,1-Dichloroethene	100	U	100	35	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,2,4-Trichlorobenzene	100	U	100	38	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,2-Dibromo-3-Chloropropane	100	U	100	50	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,2-Dibromoethane	100	U	100	18	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,2-Dichlorobenzene	100	U	100	26	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,2-Dichloroethane	100	U	100	41	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,2-Dichloropropane	100	U	100	16	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,3-Dichlorobenzene	100	U	100	27	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
1,4-Dichlorobenzene	100	U	100	14	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
2-Butanone (MEK)	500	U	500	300	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
2-Hexanone	500	U	500	210	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
4-Methyl-2-pentanone (MIBK)	500	U	500	32	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Acetone	500	U	500	410	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Benzene	100	U	100	19	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Bromodichloromethane	100	U	100	20	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Bromoform	100	U	100	50	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Bromomethane	100	U	100	22	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Carbon disulfide	100	U	100	46	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Carbon tetrachloride	100	U	100	26	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Chlorobenzene	100	U	100	13	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Chloroethane	100	U	100	21	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Chloroform	100	U	100	69	ug/Kg		10/03/23 11:52	10/03/23 13:45	1

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

Lab Sample ID: MB 480-685949/1-A
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	100	U	100	24	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
cis-1,2-Dichloroethene	100	U	100	28	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
cis-1,3-Dichloropropene	100	U	100	24	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Cyclohexane	100	U	100	22	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Dibromochloromethane	100	U	100	48	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Dichlorodifluoromethane	100	U	100	44	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Ethylbenzene	100	U	100	29	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Isopropylbenzene	100	U	100	15	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Methyl acetate	500	U	500	48	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Methyl tert-butyl ether	100	U	100	38	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Methylcyclohexane	100	U	100	47	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Methylene Chloride	100	U	100	20	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Styrene	100	U	100	24	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Tetrachloroethene	100	U	100	13	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Toluene	100	U	100	27	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
trans-1,2-Dichloroethene	100	U	100	24	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
trans-1,3-Dichloropropene	100	U	100	9.8	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Trichloroethene	100	U	100	28	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Trichlorofluoromethane	100	U	100	47	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Vinyl chloride	100	U	100	34	ug/Kg		10/03/23 11:52	10/03/23 13:45	1
Xylenes, Total	200	U	200	55	ug/Kg		10/03/23 11:52	10/03/23 13:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*53 - 146*	*10/03/23 11:52*	*10/03/23 13:45*	*1*
4-Bromofluorobenzene (Surr)	*98*		*49 - 148*	*10/03/23 11:52*	*10/03/23 13:45*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/03/23 11:52*	*10/03/23 13:45*	*1*
Toluene-d8 (Surr)	*110*		*50 - 149*	*10/03/23 11:52*	*10/03/23 13:45*	*1*

Lab Sample ID: LCS 480-685949/2-A
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2360		ug/Kg		95	68 - 130
1,1,2,2-Tetrachloroethane	2500	2480		ug/Kg		99	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2450		ug/Kg		98	10 - 179
1,1,2-Trichloroethane	2500	2520		ug/Kg		101	80 - 120
1,1-Dichloroethane	2500	2510		ug/Kg		100	78 - 121
1,1-Dichloroethene	2500	2350		ug/Kg		94	48 - 133
1,2,4-Trichlorobenzene	2500	2550		ug/Kg		102	70 - 140
1,2-Dibromo-3-Chloropropane	2500	2240		ug/Kg		90	56 - 122
1,2-Dibromoethane	2500	2450		ug/Kg		98	80 - 120
1,2-Dichlorobenzene	2500	2570		ug/Kg		103	78 - 125
1,2-Dichloroethane	2500	2420		ug/Kg		97	74 - 127
1,2-Dichloropropane	2500	2480		ug/Kg		99	80 - 120
1,3-Dichlorobenzene	2500	2550		ug/Kg		102	80 - 120
1,4-Dichlorobenzene	2500	2540		ug/Kg		102	80 - 120
2-Butanone (MEK)	12500	13700		ug/Kg		110	54 - 149

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

Lab Sample ID: LCS 480-685949/2-A
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	12500	12300		ug/Kg		99	59 - 127
4-Methyl-2-pentanone (MIBK)	12500	12100		ug/Kg		97	74 - 120
Acetone	12500	16100		ug/Kg		129	47 - 141
Benzene	2500	2460		ug/Kg		99	77 - 125
Bromodichloromethane	2500	2470		ug/Kg		99	71 - 121
Bromoform	2500	2200		ug/Kg		88	48 - 125
Bromomethane	2500	1950		ug/Kg		78	39 - 149
Carbon disulfide	2500	2330		ug/Kg		93	40 - 136
Carbon tetrachloride	2500	2150		ug/Kg		86	54 - 135
Chlorobenzene	2500	2490		ug/Kg		100	76 - 126
Chloroethane	2500	1860		ug/Kg		74	23 - 150
Chloroform	2500	2420		ug/Kg		97	78 - 120
Chloromethane	2500	2420		ug/Kg		97	61 - 124
cis-1,2-Dichloroethene	2500	2460		ug/Kg		99	79 - 124
cis-1,3-Dichloropropene	2500	2350		ug/Kg		94	75 - 121
Cyclohexane	2500	2600		ug/Kg		104	49 - 129
Dibromochloromethane	2500	2410		ug/Kg		97	64 - 120
Dichlorodifluoromethane	2500	2220		ug/Kg		89	10 - 150
Ethylbenzene	2500	2580		ug/Kg		103	78 - 124
Isopropylbenzene	2500	2780		ug/Kg		111	76 - 120
Methyl acetate	5000	4810		ug/Kg		96	71 - 123
Methyl tert-butyl ether	2500	2240		ug/Kg		90	67 - 137
Methylcyclohexane	2500	2580		ug/Kg		103	50 - 130
Methylene Chloride	2500	2400		ug/Kg		96	75 - 118
Styrene	2500	2440		ug/Kg		98	80 - 120
Tetrachloroethene	2500	2620		ug/Kg		105	73 - 133
Toluene	2500	2570		ug/Kg		103	75 - 124
trans-1,2-Dichloroethene	2500	2360		ug/Kg		95	74 - 129
trans-1,3-Dichloropropene	2500	2370		ug/Kg		95	73 - 120
Trichloroethene	2500	2460		ug/Kg		98	75 - 131
Trichlorofluoromethane	2500	2260		ug/Kg		91	29 - 158
Vinyl chloride	2500	2620		ug/Kg		105	59 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*
4-Bromofluorobenzene (Surr)	*94*		*49 - 148*
Dibromofluoromethane (Surr)	*100*		*60 - 140*
Toluene-d8 (Surr)	*106*		*50 - 149*

Lab Sample ID: 480-213184-1 MS
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: EX-7 (6.5) MS
Prep Type: Total/NA
Prep Batch: 685949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	49	U F1	1010	1450	F1	ug/Kg	☼	144	64 - 142
1,1,2,2-Tetrachloroethane	49	U F1	1010	1690	F1	ug/Kg	☼	168	56 - 128
1,1,2-Trichloro-1,2,2-trifluoroetha ne	49	U	1010	1070		ug/Kg	☼	106	64 - 154
1,1,2-Trichloroethane	49	U F1	1010	1740	F1	ug/Kg	☼	173	63 - 133

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

Lab Sample ID: 480-213184-1 MS
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: EX-7 (6.5) MS
Prep Type: Total/NA
Prep Batch: 685949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	49	U F1	1010	1590	F1	ug/Kg	☼	157	64 - 135
1,1-Dichloroethene	49	U	1010	1290		ug/Kg	☼	128	62 - 145
1,2,4-Trichlorobenzene	49	U F2 F1	1010	1680	F1	ug/Kg	☼	167	56 - 145
1,2-Dibromo-3-Chloropropane	49	U F1	1010	1480	F1	ug/Kg	☼	146	40 - 122
1,2-Dibromoethane	49	U F1	1010	1670	F1	ug/Kg	☼	166	65 - 133
1,2-Dichlorobenzene	49	U F1	1010	1750	F1	ug/Kg	☼	173	68 - 133
1,2-Dichloroethane	49	U F1	1010	1630	F1	ug/Kg	☼	161	62 - 135
1,2-Dichloropropane	49	U F1	1010	1650	F1	ug/Kg	☼	164	67 - 139
1,3-Dichlorobenzene	49	U F1	1010	1760	F1	ug/Kg	☼	174	68 - 136
1,4-Dichlorobenzene	49	U F1	1010	1700	F1	ug/Kg	☼	168	69 - 136
2-Butanone (MEK)	250	U F1	5050	9010	F1	ug/Kg	☼	178	46 - 132
2-Hexanone	250	U F1	5050	8370	F1	ug/Kg	☼	166	44 - 130
4-Methyl-2-pentanone (MIBK)	250	U F1	5050	8430	F1	ug/Kg	☼	167	49 - 125
Acetone	360	F1	5050	10000	F1	ug/Kg	☼	191	32 - 136
Benzene	49	U F1	1010	1630	F1	ug/Kg	☼	162	68 - 137
Bromodichloromethane	49	U F1	1010	1570	F1	ug/Kg	☼	156	62 - 136
Bromoform	49	U	1010	1330		ug/Kg	☼	131	43 - 134
Bromomethane	49	U F2	1010	1160		ug/Kg	☼	115	38 - 137
Carbon disulfide	49	U	1010	1220		ug/Kg	☼	120	52 - 139
Carbon tetrachloride	49	U	1010	1210		ug/Kg	☼	120	60 - 150
Chlorobenzene	49	U F1	1010	1730	F1	ug/Kg	☼	172	67 - 136
Chloroethane	49	U F2	1010	1120		ug/Kg	☼	111	34 - 140
Chloroform	49	U F1	1010	1600	F1	ug/Kg	☼	158	64 - 133
Chloromethane	49	U	1010	1230		ug/Kg	☼	122	47 - 143
cis-1,2-Dichloroethene	290	F2 F1	1010	2220	F1	ug/Kg	☼	191	65 - 137
cis-1,3-Dichloropropene	49	U F1	1010	1560	F1	ug/Kg	☼	155	61 - 148
Cyclohexane	49	U	1010	1300		ug/Kg	☼	129	63 - 149
Dibromochloromethane	49	U F1	1010	1580	F1	ug/Kg	☼	157	57 - 137
Dichlorodifluoromethane	49	U F2	1010	606		ug/Kg	☼	60	26 - 150
Ethylbenzene	49	U F1	1010	1750	F1	ug/Kg	☼	173	67 - 136
Isopropylbenzene	49	U F1	1010	1920	F1	ug/Kg	☼	190	65 - 147
Methyl acetate	250	U F2 F1	2020	3230	F1	ug/Kg	☼	160	50 - 124
Methyl tert-butyl ether	49	U F1	1010	1520	F1	ug/Kg	☼	150	60 - 130
Methylcyclohexane	49	U	1010	1350		ug/Kg	☼	133	67 - 150
Methylene Chloride	15	J F1	1010	1490	F1	ug/Kg	☼	146	63 - 138
Styrene	49	U F1	1010	1690	F1	ug/Kg	☼	167	68 - 137
Tetrachloroethene	49	U F1	1010	1770	F1	ug/Kg	☼	175	67 - 150
Toluene	49	U F1	1010	1770	F1	ug/Kg	☼	176	68 - 137
trans-1,2-Dichloroethene	16	J F2 F1	1010	1560	F1	ug/Kg	☼	153	65 - 138
trans-1,3-Dichloropropene	49	U F1	1010	1600	F1	ug/Kg	☼	158	58 - 143
Trichloroethene	82	F2 F1	1010	1830	F1	ug/Kg	☼	173	69 - 143
Trichlorofluoromethane	49	U F2	1010	1130		ug/Kg	☼	112	35 - 150
Vinyl chloride	49	U	1010	1250		ug/Kg	☼	124	56 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*
4-Bromofluorobenzene (Surr)	*94*		*49 - 148*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

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

Lab Sample ID: 480-213184-1 MS
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: EX-7 (6.5) MS
Prep Type: Total/NA
Prep Batch: 685949

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*108*		*50 - 149*

Lab Sample ID: 480-213184-1 MSD
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: EX-7 (6.5) MSD
Prep Type: Total/NA
Prep Batch: 685949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	49	U F1	912	1210		ug/Kg	☼	133	64 - 142	18	20
1,1,2,2-Tetrachloroethane	49	U F1	912	1390	F1	ug/Kg	☼	153	56 - 128	19	20
1,1,2-Trichloro-1,2,2-trifluoroethane	49	U	912	979		ug/Kg	☼	107	64 - 154	8	20
1,1,2-Trichloroethane	49	U F1	912	1430	F1	ug/Kg	☼	157	63 - 133	20	20
1,1-Dichloroethane	49	U F1	912	1330	F1	ug/Kg	☼	146	64 - 135	18	20
1,1-Dichloroethene	49	U	912	1160		ug/Kg	☼	127	62 - 145	11	20
1,2,4-Trichlorobenzene	49	U F2 F1	912	1370	F1 F2	ug/Kg	☼	150	56 - 145	21	20
1,2-Dibromo-3-Chloropropane	49	U F1	912	1220	F1	ug/Kg	☼	133	40 - 122	19	20
1,2-Dibromoethane	49	U F1	912	1400	F1	ug/Kg	☼	153	65 - 133	18	20
1,2-Dichlorobenzene	49	U F1	912	1450	F1	ug/Kg	☼	159	68 - 133	18	20
1,2-Dichloroethane	49	U F1	912	1360	F1	ug/Kg	☼	149	62 - 135	18	20
1,2-Dichloropropane	49	U F1	912	1400	F1	ug/Kg	☼	153	67 - 139	17	20
1,3-Dichlorobenzene	49	U F1	912	1460	F1	ug/Kg	☼	161	68 - 136	18	20
1,4-Dichlorobenzene	49	U F1	912	1420	F1	ug/Kg	☼	155	69 - 136	18	20
2-Butanone (MEK)	250	U F1	4560	7660	F1	ug/Kg	☼	168	46 - 132	16	20
2-Hexanone	250	U F1	4560	6920	F1	ug/Kg	☼	152	44 - 130	19	20
4-Methyl-2-pentanone (MIBK)	250	U F1	4560	6940	F1	ug/Kg	☼	152	49 - 125	19	20
Acetone	360	F1	4560	8380	F1	ug/Kg	☼	176	32 - 136	18	20
Benzene	49	U F1	912	1360	F1	ug/Kg	☼	149	68 - 137	19	20
Bromodichloromethane	49	U F1	912	1310	F1	ug/Kg	☼	144	62 - 136	18	20
Bromoform	49	U	912	1150		ug/Kg	☼	126	43 - 134	14	20
Bromomethane	49	U F2	912	942	F2	ug/Kg	☼	103	38 - 137	21	20
Carbon disulfide	49	U	912	1020		ug/Kg	☼	112	52 - 139	17	20
Carbon tetrachloride	49	U	912	1060		ug/Kg	☼	116	60 - 150	14	20
Chlorobenzene	49	U F1	912	1440	F1	ug/Kg	☼	158	67 - 136	18	20
Chloroethane	49	U F2	912	892	F2	ug/Kg	☼	98	34 - 140	22	20
Chloroform	49	U F1	912	1330	F1	ug/Kg	☼	146	64 - 133	18	20
Chloromethane	49	U	912	1010		ug/Kg	☼	111	47 - 143	19	20
cis-1,2-Dichloroethene	290	F2 F1	912	1750	F1 F2	ug/Kg	☼	159	65 - 137	24	20
cis-1,3-Dichloropropene	49	U F1	912	1350		ug/Kg	☼	148	61 - 148	15	20
Cyclohexane	49	U	912	1140		ug/Kg	☼	125	63 - 149	13	20
Dibromochloromethane	49	U F1	912	1320	F1	ug/Kg	☼	145	57 - 137	18	20
Dichlorodifluoromethane	49	U F2	912	436	F2	ug/Kg	☼	48	26 - 150	33	20
Ethylbenzene	49	U F1	912	1450	F1	ug/Kg	☼	159	67 - 136	19	20
Isopropylbenzene	49	U F1	912	1570	F1	ug/Kg	☼	172	65 - 147	20	20
Methyl acetate	250	U F2 F1	1820	2600	F1 F2	ug/Kg	☼	142	50 - 124	22	20
Methyl tert-butyl ether	49	U F1	912	1280	F1	ug/Kg	☼	140	60 - 130	17	20
Methylcyclohexane	49	U	912	1140		ug/Kg	☼	125	67 - 150	17	20
Methylene Chloride	15	J F1	912	1280	F1	ug/Kg	☼	139	63 - 138	15	20
Styrene	49	U F1	912	1400	F1	ug/Kg	☼	153	68 - 137	19	20
Tetrachloroethene	49	U F1	912	1460	F1	ug/Kg	☼	160	67 - 150	19	20

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

Lab Sample ID: 480-213184-1 MSD
Matrix: Solid
Analysis Batch: 685901

Client Sample ID: EX-7 (6.5) MSD
Prep Type: Total/NA
Prep Batch: 685949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	49	U F1	912	1450	F1	ug/Kg	☼	159	68 - 137	20	20
trans-1,2-Dichloroethene	16	J F2 F1	912	1260	F2	ug/Kg	☼	137	65 - 138	21	20
trans-1,3-Dichloropropene	49	U F1	912	1350	F1	ug/Kg	☼	148	58 - 143	17	20
Trichloroethene	82	F2 F1	912	1440	F1 F2	ug/Kg	☼	148	69 - 143	24	20
Trichlorofluoromethane	49	U F2	912	915	F2	ug/Kg	☼	100	35 - 150	21	20
Vinyl chloride	49	U	912	1040		ug/Kg	☼	115	56 - 150	18	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*
4-Bromofluorobenzene (Surr)	*96*		*49 - 148*
Dibromofluoromethane (Surr)	*102*		*60 - 140*
Toluene-d8 (Surr)	*107*		*50 - 149*

QC Association Summary

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

GC/MS VOA

Prep Batch: 685723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213184-3	EX-9 (5.5)	Total/NA	Solid	5035A_L	
MB 480-685723/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-685723/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 685724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213184-3	EX-9 (5.5)	Total/NA	Solid	8260C	685723
MB 480-685723/2-A	Method Blank	Total/NA	Solid	8260C	685723
LCS 480-685723/1-A	Lab Control Sample	Total/NA	Solid	8260C	685723

Analysis Batch: 685901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213184-1	EX-7 (6.5)	Total/NA	Solid	8260C	685949
480-213184-2	EX-8 (6.5)	Total/NA	Solid	8260C	685949
480-213184-4	EX-10 (6.5)	Total/NA	Solid	8260C	685949
480-213184-5	EX-11 (6.0)	Total/NA	Solid	8260C	685949
MB 480-685949/1-A	Method Blank	Total/NA	Solid	8260C	685949
LCS 480-685949/2-A	Lab Control Sample	Total/NA	Solid	8260C	685949
480-213184-1 MS	EX-7 (6.5) MS	Total/NA	Solid	8260C	685949
480-213184-1 MSD	EX-7 (6.5) MSD	Total/NA	Solid	8260C	685949

Prep Batch: 685949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213184-1	EX-7 (6.5)	Total/NA	Solid	5035A_H	
480-213184-2	EX-8 (6.5)	Total/NA	Solid	5035A_H	
480-213184-4	EX-10 (6.5)	Total/NA	Solid	5035A_H	
480-213184-5	EX-11 (6.0)	Total/NA	Solid	5035A_H	
MB 480-685949/1-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-685949/2-A	Lab Control Sample	Total/NA	Solid	5035A_H	
480-213184-1 MS	EX-7 (6.5) MS	Total/NA	Solid	5035A_H	
480-213184-1 MSD	EX-7 (6.5) MSD	Total/NA	Solid	5035A_H	

General Chemistry

Analysis Batch: 685731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-213184-1	EX-7 (6.5)	Total/NA	Solid	Moisture	
480-213184-2	EX-8 (6.5)	Total/NA	Solid	Moisture	
480-213184-3	EX-9 (5.5)	Total/NA	Solid	Moisture	
480-213184-4	EX-10 (6.5)	Total/NA	Solid	Moisture	
480-213184-5	EX-11 (6.0)	Total/NA	Solid	Moisture	
480-213184-1 MS	EX-7 (6.5) MS	Total/NA	Solid	Moisture	
480-213184-1 MSD	EX-7 (6.5) MSD	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-7 (6.5)
Date Collected: 09/28/23 07:43
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685731	CDC	EET BUF	10/01/23 09:12

Client Sample ID: EX-7 (6.5)
Date Collected: 09/28/23 07:43
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-1
Matrix: Solid
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			685949	ATG	EET BUF	10/03/23 11:52
Total/NA	Analysis	8260C		1	685901	ATG	EET BUF	10/03/23 14:20

Client Sample ID: EX-8 (6.5)
Date Collected: 09/28/23 09:49
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685731	CDC	EET BUF	10/01/23 09:12

Client Sample ID: EX-8 (6.5)
Date Collected: 09/28/23 09:49
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-2
Matrix: Solid
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			685949	ATG	EET BUF	10/03/23 11:52
Total/NA	Analysis	8260C		40	685901	ATG	EET BUF	10/03/23 14:43

Client Sample ID: EX-9 (5.5)
Date Collected: 09/28/23 10:08
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685731	CDC	EET BUF	10/01/23 09:12

Client Sample ID: EX-9 (5.5)
Date Collected: 09/28/23 10:08
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-3
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			685723	CDC	EET BUF	09/29/23 16:30
Total/NA	Analysis	8260C		1	685724	CDC	EET BUF	10/01/23 10:52

Client Sample ID: EX-10 (6.5)
Date Collected: 09/28/23 11:47
Date Received: 09/29/23 16:00

Lab Sample ID: 480-213184-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685731	CDC	EET BUF	10/01/23 09:12

Lab Chronicle

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Client Sample ID: EX-10 (6.5)

Lab Sample ID: 480-213184-4
Date Collected: 09/28/23 11:47
Matrix: Solid
Date Received: 09/29/23 16:00
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			685949	ATG	EET BUF	10/03/23 11:52
Total/NA	Analysis	8260C		8	685901	ATG	EET BUF	10/03/23 15:06

Client Sample ID: EX-11 (6.0)

Lab Sample ID: 480-213184-5
Date Collected: 09/28/23 11:58
Matrix: Solid
Date Received: 09/29/23 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	685731	CDC	EET BUF	10/01/23 09:12

Client Sample ID: EX-11 (6.0)

Lab Sample ID: 480-213184-5
Date Collected: 09/28/23 11:58
Matrix: Solid
Date Received: 09/29/23 16:00
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			685949	ATG	EET BUF	10/03/23 11:52
Total/NA	Analysis	8260C		2	685901	ATG	EET BUF	10/03/23 15:30

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Matrix Environmental Technologies Inc
Job ID: 480-213184-1
Project/Site: Project # 18-046 - Aquino Lancaster

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

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

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
5035A_H	Closed System Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Matrix Environmental Technologies Inc
Project/Site: Project # 18-046 - Aquino Lancaster

Job ID: 480-213184-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-213184-1	EX-7 (6.5)	Solid	09/28/23 07:43	09/29/23 16:00
480-213184-2	EX-8 (6.5)	Solid	09/28/23 09:49	09/29/23 16:00
480-213184-3	EX-9 (5.5)	Solid	09/28/23 10:08	09/29/23 16:00
480-213184-4	EX-10 (6.5)	Solid	09/28/23 11:47	09/29/23 16:00
480-213184-5	EX-11 (6.0)	Solid	09/28/23 11:58	09/29/23 16:00

Address: Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228

Chain of Custody Record

599591

eurofins | Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact			
Company Name: Matrix Environmental Tech	Project Manager: Christine Curtis	Site Contact: Steve Marchetti	Date: 9-28-23
Address: PO Box 427	Tel/Email: ccurtis@matrixbtech	Lab Contact:	Carrier:
City/State/Zip: Orchard Park, NY 14127	Analysis Turnaround Time		
Phone: 716-662-0745	☐ CALENDAR DAYS ☐ WORKING DAYS		
Fax:	TAT if different from Below		
Project Name: Aquino Lancaster	☒ 2 weeks STDN		
Site: 65-67 Lake Ave, Lancaster NY	☐ 1 week		
PO # 143-046	☐ 2 days		
	☐ 1 day		

COC No: ____ of ____ COCs

Sample: Craig Zinke

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260C-TCL VOCs	Sample Specific Notes:
Ex-7 (6.5')	9-28-23	7:43	G	soil	4			✓	
Matrix Spike	9-28-23	7:49	G	soil	4			✓	
Matrix Spike Duplicate	9-28-23	7:55	G	soil	4			✓	
Ex-8 (6.5')	9-28-23	9:49	G	soil	4			✓	
Ex-9 (5.5')	9-28-23	10:08	G	soil	4			✓	
Ex-10 (6.5')	9-28-23	11:47	G	soil	4			✓	
Ex-11 (6.0')	9-28-23	11:58	G	soil	4			✓	

480-213184 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 4

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

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

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Craig Zinke	Matrix Environmental	9/28/23			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAB	Date/Time: 9/28/23 1600

3.5 #1 ice

Login Sample Receipt Checklist

Client: Matrix Environmental Technologies Inc

Job Number: 480-213184-1

Login Number: 213184
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	T CORES FROZEN 9/28 @ 1630
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MATRIX ENVIRONMENTAL
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	