Data Usability Summary Report

Vali-Data of WNY, LLC
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Mt. Kisco
TestAmerica SDG#480-58474-1
May 25, 2022
Sampling date: 4/22/2014

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DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Sterling Environmental Engineering, project located at Mt. Kisco, TestAmerica #480-58474-1 submitted to Vali-Data of WNY, LLC on April 19, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG, August 2014) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Herbicide (8151A), PCB (8082A), Pesticide (8081B), Inorganics (6010C), Mercury (7471B) and in accordance with wet chemistry methods.

DUSR ID	Sample ID	Laboratory ID
1	SS-8A	480-58474-1
2	SS-8B	480-58474-2
3	SS-8C	480-58474-3
4	SS-10A	480-58474-4
5	SS-10B	480-58474-5
6	SS-10C	480-58474-6
7	SS-7A	480-58474-7
8	SS-7B	480-58474-8
9	SS-7C	480-58474-9
10	DUP 1	480-58474-10
13	SS-4A	480-58474-13
14	SS-4B	480-58474-14
15	SS-4C	480-58474-15
16	SS-5C	480-58474-16
17	SS-11C	480-58474-17

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation

-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used on target analytes in which the %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
??The data are acceptable for use except where qualified below in Continuing Calibration.

Samples: DUSR ID#4 and 13 were diluted due to sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times for the sample were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except Benzo(a)anthracene was detected in DUSR ID#10 but was not detected in SS-3B(SDG#480-58426-1). Benzo(k)fluoranthene was detected in SS-3B(SDG#480-58426-1)but was not detected in DUSR ID#10.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were performed on target analytes whose %RSD >15.0%, with acceptable results.

CONTINUING CALIBRATION
All criteria were met except some target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

Ccal ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-178252/3	Bis(2-chloroisopropyl)ether	-27.6	UJ/J	MB 480-178035, 3-10, 13-15
CCVIS 480-178252/5	Benzaldehyde	87.5	UJ/J	MB 480-178035, 3-10, 13-15
CCVIS 480-178336/3	Bis(2-chloroisopropyl)ether	-25.5	UJ/J	16, 17
CCVIS 480-178336/5	Benzaldehyde	94.7	UJ/J	16, 17

GC/MS PERFORMANCE CHECK
All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Method Blank and Compound Quantitation.

Samples: DUSR ID#1, 4, 7 and 13 were diluted due to sample matrix.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met except the RPD of delta-BHC was outside QC limits between the columns in MB 480-178405/1-A and should be qualified as estimated. The RPD of Endrin aldehyde and Methoxychlor was outside QC limits between the columns in MB 480-178642/1-A and should be qualified as estimated.
Several target analytes were detected in the blank and should be qualified as estimated in the samples.

Blank ID	Target Analyte	Concentration(ug/kg)	Qualifier	Associated Sample
MB 480-178642	Endrin aldehyde	.462	U at RL	None
MB 480-178642	Methoxychlor	.596	U at RL	1, 4, 8
MB 480-178405	delta-BHC	.576	U at RL	2, 3, 5, 6, 10, 15, 17

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except 4,4'-DDD was detected in DUSR ID#10 but was not detected in SS-3B(SDG#480-58426-1). Dieldrin, Endosulfan II and Heptachlor were detected in SS-3B(SDG#480-58426-1) but were not detected in DUSR ID#10.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met except the RPD of several target analytes was outside QC limits between the columns and should be qualified as estimated.

Target Analyte	Samples outside RPD
alpha-BHC	10
delta-BHC	2, 4, 10, 14
Endrin ketone	4
4,4'-DDE	1, 2, 8, 10, 14
Methoxychlor	1, 4, 8
4,4'-DDT	2, 5, 10, 14
gamma-BHC	6, 15, 17

INITIAL CALIBRATION
All criteria were met.
Alternative forms of regression was used for all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank

- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- -Data Completeness
- -Narrative and Data Reporting Forms
- -Chain of Custody and Traffic Reports
- -Holding Times
- -Blanks
- -Laboratory Control Sample
- -MS/MSD/Duplicate
- -Field Duplicate
- -Serial Dilution
- -Compound Quantitation
- -Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
???The data are acceptable for use but are qualified below in Blanks, MS/MSD/Duplicate and Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS

All criteria were met except several target analytes were detected above the MDL, below the reporting limit and are qualified as estimated in the blanks. These target analytes should be qualified in associated samples in which they were detected.

Blank ID	Target Analyte	Concentration	Qualifier	Associated Sample
CCB 200-71386/75	Fe	62.74 ug/L	JH	1-6
CCB 200-71386/75	Na	111.5ug/L	U at RL	1, 3, 5, 6
CCB 200-71386/75	Na	111.5ug/L	JH	
CCB 200-71386/88	K	143.1ug/L	JH	1, 13, 14, 16, 17
CCB 200-71386/101	K	183.7ug/L	U at RL	None
CCB 200-71362 @ 16:24	Hg	.056ug/L	JH	1-5, 7, 8
CCB 200-71362 @ 17:19	Hg	.041ug/L	U at RL	10, 17
CCB 200-71362 @ 17:19	Hg	.041ug/L	JH	13-15
MB 200-71213	Mg	18.83 mg/kg	JH	1-10, 13-17
MB 200-71213	K	28.31 mg/kg	JH	1-10, 13-17
MB 200-71213	Zn	1.34 mg/kg	JH	1-10, 13-17
MB 200-71213	Na	207.6 mg/kg	U at RL	1, 3, 5-9, 13, 16, 17

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met except some target analytes were outside QC limits in the matrix spike or duplicate and should be qualified as estimated.

Target Analyte	%Rec 17MS	RPD 17DU	Qualifier	Associated Sample
Sb	44	34	J	17
Ca	134	-	JH	17
Mg	203	-	JH	17
K	193	-	JH	17

FIELD DUPLICATE

All criteria were met except Na was detected in SS-3B(SDG#480-58426-1) but was not detected in DUSR ID#10.

SERIAL DILUTION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except several target analytes were outside QC limits in the calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

Cal ID	Target Analyte	%Rec	Qualifier	Associated Sample
ICVL 200-71386/8	Al	113	JH	LCS 200-71213, 1, 13, 14, 16, 17
CCVL 200-71386/74	As	80	UJ/J	MB/LCS 200-71213, 1-5
CCVL 200-71386/74	Fe	155	JH	LCS 200-71213, 1-5
CCVL 200-71386/74	Mn	112	JH	LCS 200-71213, 1-5
CCVL 200-71386/74	Na	127	JH	MB/LCS 200-71213
CCVL 200-71386/87	Se	89	UJ/J	MB/LCS 200-71213, 1-5, 7-10, 13-17
CCVL 200-71386/87	Al	128	JH	LCS 200-71213, 1, 13, 14, 16, 17
CCVL 200-71386/87	Fe	131	JH	LCS 200-71213, 1-5, 7-10, 13-17
CCVL 200-71386/87	Mn	119	JH	LCS 200-71213, 1-5, 7-10, 13-17
CCVL 200-71386/87	Co	112	JH	LCS 200-71213, 1-5, 7-10, 13-17
CCVL 200-71386/100	As	78	UJ/J	7-10, 13-17, 17MS, 17DU
CCVL 200-71386/100	Fe	130	JH	7-10, 13-17, 17MS, 17DU
CCVL 200-71386/113	Fe	122	JH	17MS, 17DU
CCVL 200-71386/113	Mn	114	JH	17MS, 17DU
CCVL 200-71386/113	Zn	115	JH	17MS, 17DU
ICVL 200-71449/8	Al	112	JH	2-10, 15, 17MS
ICVL 200-71449/8	Mn	112	JH	6
CCVL 200-71449/26	Al	124	JH	2-8
CCVL 200-71449/26	Be	117	JH	2-8
CCVL 200-71449/26	Mn	116	JH	6
CCVL 200-71449/26	As	118	JH	6
CCVL 200-71449/26	Fe	116	JH	6
CCVL 200-71449/26	Ni	119	JH	6
CCVL 200-71449/26	V	114	JH	6
CCVL 200-71449/39	Al	126	JH	2-10, 15, 17MS
CCVL 200-71449/39	Mn	117	JH	6
CCVL 200-71449/39	As	119	JH	6
CCVL 200-71449/39	Be	114	JH	2-10, 15, 17MS
CCVL 200-71449/39	Fe	117	JH	6
CCVL 200-71449/39	K	115	JH	2-10, 15, 17MS
CCVL 200-71449/52	Al	129	JH	9, 10, 15, 17MS
CCVL 200-71449/52	Be	119	JH	9, 10, 15, 17MS

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- Hexavalent Chromium
- Trivalent Chromium

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below.

CYANIDE
All criteria were met except Cyanide was detected in SS-3B(SDG#480-58426-1) but was not detected in DUSR ID#10.

HEXAVALENT CHROMIUM
All criteria were met except Hexavalent chromium was detected in SS-3B(SDG#480-58426-1) but was not detected in DUSR ID#10.

TRIVALENT CHROMIUM
All criteria were met except there was no raw data in the original package. This target analyte should be qualified as estimated in the blanks, samples and spikes.

Comments
No additional comments.

Receipt
The samples were received on 4/23/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.5º C, 3.7º C and 4.2º C.

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

GC/MS Semi VOA
Method(s) 8270D: The continuing calibration verification (CCV) for analytical batch 480-178252 recovered outside control limits for 2,2-oxybis[1-chloropropane]. This analyte was within acceptable limits in the low level calibration verification (CCVL), therefore the data have been qualified and reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with analytical batch 480-178252 recovered above the upper control limit for Benzaldehyde. The sample associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: (CCV 480-178252/5).

Method(s) 8270D: The continuing calibration verification (CCV) for analytical batch 480-178336 recovered outside control limits for2,2-oxybis[1-chloropropane]. This analyte was within acceptable limits in the low level calibration verification (CCVL), therefore the data have been qualified and reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with anaytical batch 480-178336 recovered above the upper control limit for Benzaldehyde. The sample associated with this CCV was non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-178336/5).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-178035 recovered outside control limits for the following analytes: N-Nitrosodiphenylamine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: SS-10A (480-58474-4), SS-4A (480-58474-13). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081B: The following samples were diluted due to the nature of the sample matrix: SS-10A (480-58474-4), SS-7A (480-58474-7), SS-8A (480-58474-1). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix : SS-4A (480-58474-13). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8081B: All primary data is reported from the RTX-CLPI column.

Method(s) 8081B: The method blank MB 480-178642/1-A contained the analytes Endrin aldehyde and Methoxychlor above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081B: The method blank MB 480-178405/1-A contained the analyte delta-BHC above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8082, 8082A: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Tetrachloro-m-xylene was decreased and slightly exceeded 20%, indicating a low bias. (CCV 480-177906/44)

Method(s) 8082A: All primary data is reported from the ZB-35 column.

Method(s) 8151A: All primary data is reported from the RTX-CLPI column.

No other analytical or quality issues were noted.

Metals
Method(s) 6010C: The low level continuing calibration verification (CCVL) associated with batch 71386 recovered above the upper control limit for Fe. The results for samples associated with this CCVL were greater than the CCV, and all associated CCV's were found to be in control; therefore, the data have been reported. The method blank and LCS were both found to be in control and were reported for Fe also. The following samples are impacted: (CCVL 200-71386/74), (CCVL 200-71386/87), (LCS 200-71213/2-A), (MB 200-71213/1-A),

DUP 1 (480-58474-10), SS-10A (480-58474-4), SS-10B (480-58474-5), SS-10C (480-58474-6), SS-11C (480-58474-17), SS-4A (480-58474-13), SS-4B (480-58474-14), SS-4C (480-58474-15), SS-5C (480-58474-16), SS-7A (480-58474-7), SS-7B (480-58474-8), SS-7C (480-58474-9), SS-8A (480-58474-1), SS-8B (480-58474-2), SS-8C (480-58474-3).

Method(s) 6010C: The serial dilution performed for the following sample(s) associated with batch 71386 was outside control limits for Al, Ba, K, Mg, Mn, Ni and Zn: (480-58474-17 SD), SS-11C (480-58474-17)

Method(s) 6010C: The post digestion spike % recovery for Mn associated with batch 71386 was outside of control limits.

Method(s) 6010C: The matrix spike (MS) recoveries for batch 70386 were outside control limits for As, Cd, Sb, and Se. Data flagged with a F1 for acceptance range outages. The "4" flags associated with Fe and Mn indicate that the parent sample was 4X greater in value than the matrix spike added. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010C: The matrix spike (MS) recoveries for sample 480-58474-a-17-c, in batch 71449 were outside control limits for Ca, K and Mg. The presence of a "4" flag on Al indicated that the parent result was at least 4X greater than the Matrix spike added. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010C: Due to sample matrix effect on the internal standard (ISTD), elements associated with INSTD outages when analyzed at no dilution, were reported from a dilution for affected samples: (480-58474-17 MS), DUP 1 (480-58474-10), SS-10A (480-58474-4), SS-10B (480-58474-5), SS-10C (480-58474-6), SS-4C (480-58474-15), SS-5C (480-58474-16), SS-7A (480-58474-7), SS-7B (480-58474-8), SS-7C (480-58474-9), SS-8B (480-58474-2), SS-8C (480-58474-3). RL's were adjusted to reflect the dilution(s) applied.

Method(s) 7471B: The following sample(s) was diluted due to the nature of the sample matrix: SS-7C (480-58474-9). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

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

Organic Prep
Method(s) 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: SS-10A (480-58474-4), SS-4A (480-58474-13), SS-4B (480-58474-14), SS-7A (480-58474-7), SS-7B (480-58474-8), SS-8A (480-58474-1).

No other analytical or quality issues were noted.

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 | Date Sampled: 04/22/2014 1000
Client Matrix: Solid | % Moisture: 26.6 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7858.D
Dilution:	1.0			Initial Weight/Volume:	4.27 g
Analysis Date:	04/25/2014 0315			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.58	8.0
1,1,2,2-Tetrachloroethane		ND		1.3	8.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.8	8.0
1,1,2-Trichloroethane		ND		1.0	8.0
1,1-Dichloroethane		ND		0.97	8.0
1,1-Dichloroethene		ND		0.98	8.0
1,2,4-Trichlorobenzene		ND		0.48	8.0
1,2-Dibromo-3-Chloropropane		ND		4.0	8.0
1,2-Dibromoethane		ND		1.0	8.0
1,2-Dichlorobenzene		ND		0.62	8.0
1,2-Dichloroethane		ND		0.40	8.0
1,2-Dichloropropane		ND		4.0	8.0
1,3-Dichlorobenzene		ND		0.41	8.0
1,4-Dichlorobenzene		ND		1.1	8.0
2-Butanone (MEK)		ND		2.9	40
2-Hexanone		ND		4.0	40
4-Methyl-2-pentanone (MIBK)		ND		2.6	40
Acetone		ND		6.7	40
Benzene		ND		0.39	8.0
Bromodichloromethane		ND		1.1	8.0
Bromoform		ND		4.0	8.0
Bromomethane		ND		0.72	8.0
Carbon disulfide		ND		4.0	8.0
Carbon tetrachloride		ND		0.77	8.0
Chlorobenzene		ND		1.1	8.0
Chloroethane		ND		1.8	8.0
Chloroform		ND		0.49	8.0
Chloromethane		ND		0.48	8.0
cis-1,2-Dichloroethene		ND		1.0	8.0
cis-1,3-Dichloropropene		ND		1.1	8.0
Cyclohexane		ND		1.1	8.0
Dibromochloromethane		ND		1.0	8.0
Dichlorodifluoromethane		ND		0.66	8.0
Ethylbenzene		ND		0.55	8.0
Isopropylbenzene		ND		1.2	8.0
Methyl acetate		ND		4.8	8.0
Methyl tert-butyl ether		ND		0.78	8.0
Methylcyclohexane		ND		1.2	8.0
Methylene Chloride		ND		3.7	8.0
Styrene		ND		0.40	8.0
Tetrachloroethene		ND		1.1	8.0
Toluene		ND		0.60	8.0
trans-1,2-Dichloroethene		ND		0.82	8.0
trans-1,3-Dichloropropene		ND		3.5	8.0
Trichloroethene		ND		1.8	8.0
Trichlorofluoromethane		ND		0.75	8.0

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 | Date Sampled: 04/22/2014 1000
Client Matrix: Solid | % Moisture: 26.6 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7858.D
Dilution:	1.0			Initial Weight/Volume:	4.27 g
Analysis Date:	04/25/2014 0315			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.97	8.0
Xylenes, Total		ND		1.3	16

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		64 - 126
4-Bromofluorobenzene (Surr)	102		72 - 126
Toluene-d8 (Surr)	106		71 - 125

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2
Client Matrix: Solid
% Moisture: 25.7
Date Sampled: 04/22/2014 0955
Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7859.D
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	04/25/2014 0341			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.50	6.9
1,1,2,2-Tetrachloroethane		ND		1.1	6.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.6	6.9
1,1,2-Trichloroethane		ND		0.90	6.9
1,1-Dichloroethane		ND		0.84	6.9
1,1-Dichloroethene		ND		0.84	6.9
1,2,4-Trichlorobenzene		ND		0.42	6.9
1,2-Dibromo-3-Chloropropane		ND		3.4	6.9
1,2-Dibromoethane		ND		0.89	6.9
1,2-Dichlorobenzene		ND		0.54	6.9
1,2-Dichloroethane		ND		0.35	6.9
1,2-Dichloropropane		ND		3.4	6.9
1,3-Dichlorobenzene		ND		0.35	6.9
1,4-Dichlorobenzene		ND		0.97	6.9
2-Butanone (MEK)		ND		2.5	34
2-Hexanone		ND		3.4	34
4-Methyl-2-pentanone (MIBK)		ND		2.3	34
Acetone		ND		5.8	34
Benzene		ND		0.34	6.9
Bromodichloromethane		ND		0.92	6.9
Bromoform		ND		3.4	6.9
Bromomethane		ND		0.62	6.9
Carbon disulfide		ND		3.4	6.9
Carbon tetrachloride		ND		0.67	6.9
Chlorobenzene		ND		0.91	6.9
Chloroethane		ND		1.6	6.9
Chloroform		ND		0.43	6.9
Chloromethane		ND		0.42	6.9
cis-1,2-Dichloroethene		ND		0.88	6.9
cis-1,3-Dichloropropene		ND		0.99	6.9
Cyclohexane		ND		0.97	6.9
Dibromochloromethane		ND		0.88	6.9
Dichlorodifluoromethane		ND		0.57	6.9
Ethylbenzene		ND		0.48	6.9
Isopropylbenzene		ND		1.0	6.9
Methyl acetate		ND		4.2	6.9
Methyl tert-butyl ether		ND		0.68	6.9
Methylcyclohexane		ND		1.0	6.9
Methylene Chloride		ND		3.2	6.9
Styrene		ND		0.34	6.9
Tetrachloroethene		ND		0.93	6.9
Toluene		ND		0.52	6.9
trans-1,2-Dichloroethene		ND		0.71	6.9
trans-1,3-Dichloropropene		ND		3.0	6.9
Trichloroethene		ND		1.5	6.9
Trichlorofluoromethane		ND		0.65	6.9

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2 | Date Sampled: 04/22/2014 0955
Client Matrix: Solid | % Moisture: 25.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7859.D
Dilution:	1.0			Initial Weight/Volume:	4.88 g
Analysis Date:	04/25/2014 0341			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.84	6.9
Xylenes, Total		ND		1.2	14

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		64 - 126
4-Bromofluorobenzene (Surr)	103		72 - 126
Toluene-d8 (Surr)	105		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3 | Date Sampled: 04/22/2014 0940
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7860.D
Dilution:	1.0			Initial Weight/Volume:	6.29 g
Analysis Date:	04/25/2014 0407			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.33	4.5
1,1,2,2-Tetrachloroethane		ND		0.73	4.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	4.5
1,1,2-Trichloroethane		ND		0.58	4.5
1,1-Dichloroethane		ND		0.55	4.5
1,1-Dichloroethene		ND		0.55	4.5
1,2,4-Trichlorobenzene		ND		0.27	4.5
1,2-Dibromo-3-Chloropropane		ND		2.2	4.5
1,2-Dibromoethane		ND		0.58	4.5
1,2-Dichlorobenzene		ND		0.35	4.5
1,2-Dichloroethane		ND		0.23	4.5
1,2-Dichloropropane		ND		2.2	4.5
1,3-Dichlorobenzene		ND		0.23	4.5
1,4-Dichlorobenzene		ND		0.63	4.5
2-Butanone (MEK)		ND		1.6	22
2-Hexanone		ND		2.2	22
4-Methyl-2-pentanone (MIBK)		ND		1.5	22
Acetone		ND		3.8	22
Benzene		ND		0.22	4.5
Bromodichloromethane		ND		0.60	4.5
Bromoform		ND		2.2	4.5
Bromomethane		ND		0.40	4.5
Carbon disulfide		ND		2.2	4.5
Carbon tetrachloride		ND		0.44	4.5
Chlorobenzene		ND		0.59	4.5
Chloroethane		ND		1.0	4.5
Chloroform		ND		0.28	4.5
Chloromethane		ND		0.27	4.5
cis-1,2-Dichloroethene		ND		0.58	4.5
cis-1,3-Dichloropropene		ND		0.65	4.5
Cyclohexane		ND		0.63	4.5
Dibromochloromethane		ND		0.58	4.5
Dichlorodifluoromethane		ND		0.37	4.5
Ethylbenzene		ND		0.31	4.5
Isopropylbenzene		ND		0.68	4.5
Methyl acetate		ND		2.7	4.5
Methyl tert-butyl ether		ND		0.44	4.5
Methylcyclohexane		ND		0.68	4.5
Methylene Chloride		ND		2.1	4.5
Styrene		ND		0.22	4.5
Tetrachloroethene		ND		0.60	4.5
Toluene		ND		0.34	4.5
trans-1,2-Dichloroethene		ND		0.46	4.5
trans-1,3-Dichloropropene		ND		2.0	4.5
Trichloroethene		ND		0.99	4.5
Trichlorofluoromethane		ND		0.43	4.5

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3 | Date Sampled: 04/22/2014 0940
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7860.D
Dilution:	1.0			Initial Weight/Volume:	6.29 g
Analysis Date:	04/25/2014 0407			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.55	4.5
Xylenes, Total		ND		0.76	9.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Toluene-d8 (Surr)	103		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4 | Date Sampled: 04/22/2014 1050
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7861.D
Dilution:	1.0			Initial Weight/Volume:	5.44 g
Analysis Date:	04/25/2014 0432			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.44	6.1
1,1,2,2-Tetrachloroethane		ND		0.98	6.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.4	6.1
1,1,2-Trichloroethane		ND		0.79	6.1
1,1-Dichloroethane		ND		0.74	6.1
1,1-Dichloroethene		ND		0.74	6.1
1,2,4-Trichlorobenzene		ND		0.37	6.1
1,2-Dibromo-3-Chloropropane		ND		3.0	6.1
1,2-Dibromoethane		ND		0.78	6.1
1,2-Dichlorobenzene		ND		0.47	6.1
1,2-Dichloroethane		ND		0.30	6.1
1,2-Dichloropropane		ND		3.0	6.1
1,3-Dichlorobenzene		ND		0.31	6.1
1,4-Dichlorobenzene		ND		0.85	6.1
2-Butanone (MEK)		ND		2.2	30
2-Hexanone		ND		3.0	30
4-Methyl-2-pentanone (MIBK)		ND		2.0	30
Acetone		ND		5.1	30
Benzene		ND		0.30	6.1
Bromodichloromethane		ND		0.81	6.1
Bromoform		ND		3.0	6.1
Bromomethane		ND		0.54	6.1
Carbon disulfide		ND		3.0	6.1
Carbon tetrachloride		ND		0.59	6.1
Chlorobenzene		ND		0.80	6.1
Chloroethane		ND		1.4	6.1
Chloroform		ND		0.37	6.1
Chloromethane		ND		0.37	6.1
cis-1,2-Dichloroethene		ND		0.78	6.1
cis-1,3-Dichloropropene		ND		0.87	6.1
Cyclohexane		ND		0.85	6.1
Dibromochloromethane		ND		0.78	6.1
Dichlorodifluoromethane		ND		0.50	6.1
Ethylbenzene		ND		0.42	6.1
Isopropylbenzene		ND		0.91	6.1
Methyl acetate		ND		3.7	6.1
Methyl tert-butyl ether		ND		0.59	6.1
Methylcyclohexane		ND		0.92	6.1
Methylene Chloride		ND		2.8	6.1
Styrene		ND		0.30	6.1
Tetrachloroethene		ND		0.81	6.1
Toluene		ND		0.46	6.1
trans-1,2-Dichloroethene		ND		0.62	6.1
trans-1,3-Dichloropropene		ND		2.7	6.1
Trichloroethene		ND		1.3	6.1
Trichlorofluoromethane		ND		0.57	6.1

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4 | Date Sampled: 04/22/2014 1050
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7861.D
Dilution:	1.0			Initial Weight/Volume:	5.44 g
Analysis Date:	04/25/2014 0432			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.74	6.1
Xylenes, Total		ND		1.0	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		64 - 126
4-Bromofluorobenzene (Surr)	103		72 - 126
Toluene-d8 (Surr)	105		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5 | Date Sampled: 04/22/2014 1040
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7862.D
Dilution:	1.0			Initial Weight/Volume:	5.14 g
Analysis Date:	04/25/2014 0457			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.44	6.1
1,1,2,2-Tetrachloroethane		ND		0.99	6.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.4	6.1
1,1,2-Trichloroethane		ND		0.79	6.1
1,1-Dichloroethane		ND		0.75	6.1
1,1-Dichloroethene		ND		0.75	6.1
1,2,4-Trichlorobenzene		ND		0.37	6.1
1,2-Dibromo-3-Chloropropane		ND		3.1	6.1
1,2-Dibromoethane		ND		0.78	6.1
1,2-Dichlorobenzene		ND		0.48	6.1
1,2-Dichloroethane		ND		0.31	6.1
1,2-Dichloropropane		ND		3.1	6.1
1,3-Dichlorobenzene		ND		0.31	6.1
1,4-Dichlorobenzene		ND		0.86	6.1
2-Butanone (MEK)		ND		2.2	31
2-Hexanone		ND		3.1	31
4-Methyl-2-pentanone (MIBK)		ND		2.0	31
Acetone		ND		5.1	31
Benzene		ND		0.30	6.1
Bromodichloromethane		ND		0.82	6.1
Bromoform		ND		3.1	6.1
Bromomethane		ND		0.55	6.1
Carbon disulfide		ND		3.1	6.1
Carbon tetrachloride		ND		0.59	6.1
Chlorobenzene		ND		0.81	6.1
Chloroethane		ND		1.4	6.1
Chloroform		ND		0.38	6.1
Chloromethane		ND		0.37	6.1
cis-1,2-Dichloroethene		ND		0.78	6.1
cis-1,3-Dichloropropene		ND		0.88	6.1
Cyclohexane		ND		0.86	6.1
Dibromochloromethane		ND		0.78	6.1
Dichlorodifluoromethane		ND		0.50	6.1
Ethylbenzene		ND		0.42	6.1
Isopropylbenzene		ND		0.92	6.1
Methyl acetate		ND		3.7	6.1
Methyl tert-butyl ether		ND		0.60	6.1
Methylcyclohexane		ND		0.93	6.1
Methylene Chloride		ND		2.8	6.1
Styrene		ND		0.31	6.1
Tetrachloroethene		ND		0.82	6.1
Toluene		ND		0.46	6.1
trans-1,2-Dichloroethene		ND		0.63	6.1
trans-1,3-Dichloropropene		ND		2.7	6.1
Trichloroethene		ND		1.3	6.1
Trichlorofluoromethane		ND		0.58	6.1

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5 | Date Sampled: 04/22/2014 1040
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7862.D
Dilution:	1.0			Initial Weight/Volume:	5.14 g
Analysis Date:	04/25/2014 0457			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.75	6.1
Xylenes, Total		ND		1.0	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		64 - 126
4-Bromofluorobenzene (Surr)	103		72 - 126
Toluene-d8 (Surr)	104		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6 | Date Sampled: 04/22/2014 1030
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7863.D
Dilution:	1.0			Initial Weight/Volume:	5.8 g
Analysis Date:	04/25/2014 0523			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.35	4.8
1,1,2,2-Tetrachloroethane		ND		0.78	4.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	4.8
1,1,2-Trichloroethane		ND		0.63	4.8
1,1-Dichloroethane		ND		0.59	4.8
1,1-Dichloroethene		ND		0.59	4.8
1,2,4-Trichlorobenzene		ND		0.29	4.8
1,2-Dibromo-3-Chloropropane		ND		2.4	4.8
1,2-Dibromoethane		ND		0.62	4.8
1,2-Dichlorobenzene		ND		0.38	4.8
1,2-Dichloroethane		ND		0.24	4.8
1,2-Dichloropropane		ND		2.4	4.8
1,3-Dichlorobenzene		ND		0.25	4.8
1,4-Dichlorobenzene		ND		0.68	4.8
2-Butanone (MEK)		ND		1.8	24
2-Hexanone		ND		2.4	24
4-Methyl-2-pentanone (MIBK)		ND		1.6	24
Acetone		ND		4.1	24
Benzene		ND		0.24	4.8
Bromodichloromethane		ND		0.65	4.8
Bromoform		ND		2.4	4.8
Bromomethane		ND		0.43	4.8
Carbon disulfide		ND		2.4	4.8
Carbon tetrachloride		ND		0.47	4.8
Chlorobenzene		ND		0.64	4.8
Chloroethane		ND		1.1	4.8
Chloroform		ND		0.30	4.8
Chloromethane		ND		0.29	4.8
cis-1,2-Dichloroethene		ND		0.62	4.8
cis-1,3-Dichloropropene		ND		0.69	4.8
Cyclohexane		ND		0.68	4.8
Dibromochloromethane		ND		0.62	4.8
Dichlorodifluoromethane		ND		0.40	4.8
Ethylbenzene		ND		0.33	4.8
Isopropylbenzene		ND		0.73	4.8
Methyl acetate		ND		2.9	4.8
Methyl tert-butyl ether		ND		0.47	4.8
Methylcyclohexane		ND		0.73	4.8
Methylene Chloride		ND		2.2	4.8
Styrene		ND		0.24	4.8
Tetrachloroethene		ND		0.65	4.8
Toluene		ND		0.36	4.8
trans-1,2-Dichloroethene		ND		0.50	4.8
trans-1,3-Dichloropropene		ND		2.1	4.8
Trichloroethene		ND		1.1	4.8
Trichlorofluoromethane		ND		0.46	4.8

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6 | Date Sampled: 04/22/2014 1030
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7863.D
Dilution:	1.0			Initial Weight/Volume:	5.8 g
Analysis Date:	04/25/2014 0523			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.59	4.8
Xylenes, Total		ND		0.81	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		64 - 126
4-Bromofluorobenzene (Surr)	104		72 - 126
Toluene-d8 (Surr)	104		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7 | Date Sampled: 04/22/2014 0800
Client Matrix: Solid | % Moisture: 15.8 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7864.D
Dilution:	1.0			Initial Weight/Volume:	5.86 g
Analysis Date:	04/25/2014 0549			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.37	5.1
1,1,2,2-Tetrachloroethane		ND		0.82	5.1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.2	5.1
1,1,2-Trichloroethane		ND		0.66	5.1
1,1-Dichloroethane		ND		0.62	5.1
1,1-Dichloroethene		ND		0.62	5.1
1,2,4-Trichlorobenzene		ND		0.31	5.1
1,2-Dibromo-3-Chloropropane		ND		2.5	5.1
1,2-Dibromoethane		ND		0.65	5.1
1,2-Dichlorobenzene		ND		0.40	5.1
1,2-Dichloroethane		ND		0.25	5.1
1,2-Dichloropropane		ND		2.5	5.1
1,3-Dichlorobenzene		ND		0.26	5.1
1,4-Dichlorobenzene		ND		0.71	5.1
2-Butanone (MEK)		ND		1.9	25
2-Hexanone		ND		2.5	25
4-Methyl-2-pentanone (MIBK)		ND		1.7	25
Acetone		ND		4.3	25
Benzene		ND		0.25	5.1
Bromodichloromethane		ND		0.68	5.1
Bromoform		ND		2.5	5.1
Bromomethane		ND		0.46	5.1
Carbon disulfide		ND		2.5	5.1
Carbon tetrachloride		ND		0.49	5.1
Chlorobenzene		ND		0.67	5.1
Chloroethane		ND		1.1	5.1
Chloroform		ND		0.31	5.1
Chloromethane		ND		0.31	5.1
cis-1,2-Dichloroethene		ND		0.65	5.1
cis-1,3-Dichloropropene		ND		0.73	5.1
Cyclohexane		ND		0.71	5.1
Dibromochloromethane		ND		0.65	5.1
Dichlorodifluoromethane		ND		0.42	5.1
Ethylbenzene		ND		0.35	5.1
Isopropylbenzene		ND		0.76	5.1
Methyl acetate		ND		3.1	5.1
Methyl tert-butyl ether		ND		0.50	5.1
Methylcyclohexane		ND		0.77	5.1
Methylene Chloride		ND		2.3	5.1
Styrene		ND		0.25	5.1
Tetrachloroethene		ND		0.68	5.1
Toluene		ND		0.38	5.1
trans-1,2-Dichloroethene		ND		0.52	5.1
trans-1,3-Dichloropropene		ND		2.2	5.1
Trichloroethene		ND		1.1	5.1
Trichlorofluoromethane		ND		0.48	5.1

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7 | Date Sampled: 04/22/2014 0800
Client Matrix: Solid | % Moisture: 15.8 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7864.D
Dilution:	1.0			Initial Weight/Volume:	5.86 g
Analysis Date:	04/25/2014 0549			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.62	5.1
Xylenes, Total		ND		0.85	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		64 - 126
4-Bromofluorobenzene (Surr)	104		72 - 126
Toluene-d8 (Surr)	106		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8 | Date Sampled: 04/22/2014 0815
Client Matrix: Solid | % Moisture: 13.8 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7865.D
Dilution:	1.0			Initial Weight/Volume:	6.35 g
Analysis Date:	04/25/2014 0614			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.33	4.6
1,1,2,2-Tetrachloroethane		ND		0.74	4.6
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	4.6
1,1,2-Trichloroethane		ND		0.59	4.6
1,1-Dichloroethane		ND		0.56	4.6
1,1-Dichloroethene		ND		0.56	4.6
1,2,4-Trichlorobenzene		ND		0.28	4.6
1,2-Dibromo-3-Chloropropane		ND		2.3	4.6
1,2-Dibromoethane		ND		0.59	4.6
1,2-Dichlorobenzene		ND		0.36	4.6
1,2-Dichloroethane		ND		0.23	4.6
1,2-Dichloropropane		ND		2.3	4.6
1,3-Dichlorobenzene		ND		0.23	4.6
1,4-Dichlorobenzene		ND		0.64	4.6
2-Butanone (MEK)		ND		1.7	23
2-Hexanone		ND		2.3	23
4-Methyl-2-pentanone (MIBK)		ND		1.5	23
Acetone		ND		3.8	23
Benzene		ND		0.22	4.6
Bromodichloromethane		ND		0.61	4.6
Bromoform		ND		2.3	4.6
Bromomethane		ND		0.41	4.6
Carbon disulfide		ND		2.3	4.6
Carbon tetrachloride		ND		0.44	4.6
Chlorobenzene		ND		0.60	4.6
Chloroethane		ND		1.0	4.6
Chloroform		ND		0.28	4.6
Chloromethane		ND		0.28	4.6
cis-1,2-Dichloroethene		ND		0.58	4.6
cis-1,3-Dichloropropene		ND		0.66	4.6
Cyclohexane		ND		0.64	4.6
Dibromochloromethane		ND		0.58	4.6
Dichlorodifluoromethane		ND		0.38	4.6
Ethylbenzene		ND		0.32	4.6
Isopropylbenzene		ND		0.69	4.6
Methyl acetate		ND		2.8	4.6
Methyl tert-butyl ether		ND		0.45	4.6
Methylcyclohexane		ND		0.69	4.6
Methylene Chloride		ND		2.1	4.6
Styrene		ND		0.23	4.6
Tetrachloroethene		ND		0.61	4.6
Toluene		ND		0.35	4.6
trans-1,2-Dichloroethene		ND		0.47	4.6
trans-1,3-Dichloropropene		ND		2.0	4.6
Trichloroethene		ND		1.0	4.6
Trichlorofluoromethane		ND		0.43	4.6

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8 | Date Sampled: 04/22/2014 0815
Client Matrix: Solid | % Moisture: 13.8 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7865.D
Dilution:	1.0			Initial Weight/Volume:	6.35 g
Analysis Date:	04/25/2014 0614			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.56	4.6
Xylenes, Total		ND		0.77	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		64 - 126
4-Bromofluorobenzene (Surr)	104		72 - 126
Toluene-d8 (Surr)	104		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9 | Date Sampled: 04/22/2014 0905
Client Matrix: Solid | % Moisture: 11.0 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7866.D
Dilution:	1.0			Initial Weight/Volume:	6.74 g
Analysis Date:	04/25/2014 0640			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.30	4.2
1,1,2,2-Tetrachloroethane		ND		0.68	4.2
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		0.95	4.2
1,1,2-Trichloroethane		ND		0.54	4.2
1,1-Dichloroethane		ND		0.51	4.2
1,1-Dichloroethene		ND		0.51	4.2
1,2,4-Trichlorobenzene		ND		0.25	4.2
1,2-Dibromo-3-Chloropropane		ND		2.1	4.2
1,2-Dibromoethane		ND		0.53	4.2
1,2-Dichlorobenzene		ND		0.33	4.2
1,2-Dichloroethane		ND		0.21	4.2
1,2-Dichloropropane		ND		2.1	4.2
1,3-Dichlorobenzene		ND		0.21	4.2
1,4-Dichlorobenzene		ND		0.58	4.2
2-Butanone (MEK)		ND		1.5	21
2-Hexanone		ND		2.1	21
4-Methyl-2-pentanone (MIBK)		ND		1.4	21
Acetone		4.3	J	3.5	21
Benzene		ND		0.20	4.2
Bromodichloromethane		ND		0.56	4.2
Bromoform		ND		2.1	4.2
Bromomethane		ND		0.37	4.2
Carbon disulfide		ND		2.1	4.2
Carbon tetrachloride		ND		0.40	4.2
Chlorobenzene		ND		0.55	4.2
Chloroethane		ND		0.94	4.2
Chloroform		ND		0.26	4.2
Chloromethane		ND		0.25	4.2
cis-1,2-Dichloroethene		ND		0.53	4.2
cis-1,3-Dichloropropene		ND		0.60	4.2
Cyclohexane		ND		0.58	4.2
Dibromochloromethane		ND		0.53	4.2
Dichlorodifluoromethane		ND		0.34	4.2
Ethylbenzene		ND		0.29	4.2
Isopropylbenzene		ND		0.63	4.2
Methyl acetate		ND		2.5	4.2
Methyl tert-butyl ether		ND		0.41	4.2
Methylcyclohexane		ND		0.63	4.2
Methylene Chloride		ND		1.9	4.2
Styrene		ND		0.21	4.2
Tetrachloroethene		ND		0.56	4.2
Toluene		ND		0.31	4.2
trans-1,2-Dichloroethene		ND		0.43	4.2
trans-1,3-Dichloropropene		ND		1.8	4.2
Trichloroethene		ND		0.92	4.2
Trichlorofluoromethane		ND		0.39	4.2

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9 | Date Sampled: 04/22/2014 0905
Client Matrix: Solid | % Moisture: 11.0 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7866.D
Dilution:	1.0			Initial Weight/Volume:	6.74 g
Analysis Date:	04/25/2014 0640			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.51	4.2
Xylenes, Total		ND		0.70	8.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Toluene-d8 (Surr)	103		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 | Date Sampled: 04/22/2014 1150
Client Matrix: Solid | % Moisture: 16.9 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7867.D
Dilution:	1.0			Initial Weight/Volume:	5.59 g
Analysis Date:	04/25/2014 0705			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.39	5.4
1,1,2,2-Tetrachloroethane		ND		0.87	5.4
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.2	5.4
1,1,2-Trichloroethane		ND		0.70	5.4
1,1-Dichloroethane		ND		0.66	5.4
1,1-Dichloroethene		ND		0.66	5.4
1,2,4-Trichlorobenzene		ND		0.33	5.4
1,2-Dibromo-3-Chloropropane		ND		2.7	5.4
1,2-Dibromoethane		ND		0.69	5.4
1,2-Dichlorobenzene		ND		0.42	5.4
1,2-Dichloroethane		ND		0.27	5.4
1,2-Dichloropropane		ND		2.7	5.4
1,3-Dichlorobenzene		ND		0.28	5.4
1,4-Dichlorobenzene		ND		0.75	5.4
2-Butanone (MEK)		ND		2.0	27
2-Hexanone		ND		2.7	27
4-Methyl-2-pentanone (MIBK)		ND		1.8	27
Acetone		ND		4.5	27
Benzene		ND		0.26	5.4
Bromodichloromethane		ND		0.72	5.4
Bromoform		ND		2.7	5.4
Bromomethane		ND		0.48	5.4
Carbon disulfide		ND		2.7	5.4
Carbon tetrachloride		ND		0.52	5.4
Chlorobenzene		ND		0.71	5.4
Chloroethane		ND		1.2	5.4
Chloroform		ND		0.33	5.4
Chloromethane		ND		0.33	5.4
cis-1,2-Dichloroethene		ND		0.69	5.4
cis-1,3-Dichloropropene		ND		0.78	5.4
Cyclohexane		ND		0.75	5.4
Dibromochloromethane		ND		0.69	5.4
Dichlorodifluoromethane		ND		0.44	5.4
Ethylbenzene		ND		0.37	5.4
Isopropylbenzene		ND		0.81	5.4
Methyl acetate		ND		3.3	5.4
Methyl tert-butyl ether		ND		0.53	5.4
Methylcyclohexane		ND		0.82	5.4
Methylene Chloride		ND		2.5	5.4
Styrene		ND		0.27	5.4
Tetrachloroethene		ND		0.72	5.4
Toluene		ND		0.41	5.4
trans-1,2-Dichloroethene		ND		0.56	5.4
trans-1,3-Dichloropropene		ND		2.4	5.4
Trichloroethene		ND		1.2	5.4
Trichlorofluoromethane		ND		0.51	5.4

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10
Client Matrix: Solid
% Moisture: 16.9
Date Sampled: 04/22/2014 1150
Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178113	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7867.D
Dilution:	1.0			Initial Weight/Volume:	5.59 g
Analysis Date:	04/25/2014 0705			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.66	5.4
Xylenes, Total		ND		0.90	11

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Toluene-d8 (Surr)	106		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 | Date Sampled: 04/22/2014 1310
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7909.D
Dilution:	1.0			Initial Weight/Volume:	5.63 g
Analysis Date:	04/26/2014 1651			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.42	5.9
1,1,2,2-Tetrachloroethane		ND		0.95	5.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.3	5.9
1,1,2-Trichloroethane		ND		0.76	5.9
1,1-Dichloroethane		ND		0.71	5.9
1,1-Dichloroethene		ND		0.72	5.9
1,2,4-Trichlorobenzene		ND		0.36	5.9
1,2-Dibromo-3-Chloropropane		ND		2.9	5.9
1,2-Dibromoethane		ND		0.75	5.9
1,2-Dichlorobenzene		ND		0.46	5.9
1,2-Dichloroethane		ND		0.29	5.9
1,2-Dichloropropane		ND		2.9	5.9
1,3-Dichlorobenzene		ND		0.30	5.9
1,4-Dichlorobenzene		ND		0.82	5.9
2-Butanone (MEK)		ND		2.1	29
2-Hexanone		ND		2.9	29
4-Methyl-2-pentanone (MIBK)		ND		1.9	29
Acetone		140		4.9	29
Benzene		ND		0.29	5.9
Bromodichloromethane		ND		0.78	5.9
Bromoform		ND		2.9	5.9
Bromomethane		ND		0.53	5.9
Carbon disulfide		ND		2.9	5.9
Carbon tetrachloride		ND		0.57	5.9
Chlorobenzene		ND		0.77	5.9
Chloroethane		ND		1.3	5.9
Chloroform		ND		0.36	5.9
Chloromethane		ND		0.35	5.9
cis-1,2-Dichloroethene		ND		0.75	5.9
cis-1,3-Dichloropropene		ND		0.84	5.9
Cyclohexane		ND		0.82	5.9
Dibromochloromethane		ND		0.75	5.9
Dichlorodifluoromethane		ND		0.48	5.9
Ethylbenzene		ND		0.40	5.9
Isopropylbenzene		ND		0.88	5.9
Methyl acetate		ND		3.5	5.9
Methyl tert-butyl ether		ND		0.57	5.9
Methylcyclohexane		ND		0.89	5.9
Methylene Chloride		ND		2.7	5.9
Styrene		ND		0.29	5.9
Tetrachloroethene		ND		0.79	5.9
Toluene		ND		0.44	5.9
trans-1,2-Dichloroethene		ND		0.60	5.9
trans-1,3-Dichloropropene		ND		2.6	5.9
Trichloroethene		ND		1.3	5.9
Trichlorofluoromethane		ND		0.55	5.9

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 | Date Sampled: 04/22/2014 1310
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7909.D
Dilution:	1.0			Initial Weight/Volume:	5.63 g
Analysis Date:	04/26/2014 1651			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.71	5.9
Xylenes, Total		ND		0.98	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		64 - 126
4-Bromofluorobenzene (Surr)	104		72 - 126
Toluene-d8 (Surr)	104		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14 | Date Sampled: 04/22/2014 1300
Client Matrix: Solid | % Moisture: 17.9 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7910.D
Dilution:	1.0			Initial Weight/Volume:	6.05 g
Analysis Date:	04/26/2014 1717			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.37	5.0
1,1,2,2-Tetrachloroethane		ND		0.82	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.1	5.0
1,1,2-Trichloroethane		ND		0.65	5.0
1,1-Dichloroethane		ND		0.61	5.0
1,1-Dichloroethene		ND		0.62	5.0
1,2,4-Trichlorobenzene		ND		0.31	5.0
1,2-Dibromo-3-Chloropropane		ND		2.5	5.0
1,2-Dibromoethane		ND		0.65	5.0
1,2-Dichlorobenzene		ND		0.39	5.0
1,2-Dichloroethane		ND		0.25	5.0
1,2-Dichloropropane		ND		2.5	5.0
1,3-Dichlorobenzene		ND		0.26	5.0
1,4-Dichlorobenzene		ND		0.70	5.0
2-Butanone (MEK)		ND		1.8	25
2-Hexanone		ND		2.5	25
4-Methyl-2-pentanone (MIBK)		ND		1.7	25
Acetone		ND		4.2	25
Benzene		ND		0.25	5.0
Bromodichloromethane		ND		0.67	5.0
Bromoform		ND		2.5	5.0
Bromomethane		ND		0.45	5.0
Carbon disulfide		ND		2.5	5.0
Carbon tetrachloride		ND		0.49	5.0
Chlorobenzene		ND		0.66	5.0
Chloroethane		ND		1.1	5.0
Chloroform		ND		0.31	5.0
Chloromethane		ND		0.30	5.0
cis-1,2-Dichloroethene		ND		0.64	5.0
cis-1,3-Dichloropropene		ND		0.72	5.0
Cyclohexane		ND		0.70	5.0
Dibromochloromethane		ND		0.64	5.0
Dichlorodifluoromethane		ND		0.42	5.0
Ethylbenzene		ND		0.35	5.0
Isopropylbenzene		ND		0.76	5.0
Methyl acetate		ND		3.0	5.0
Methyl tert-butyl ether		ND		0.49	5.0
Methylcyclohexane		ND		0.76	5.0
Methylene Chloride		ND		2.3	5.0
Styrene		ND		0.25	5.0
Tetrachloroethene		ND		0.68	5.0
Toluene		ND		0.38	5.0
trans-1,2-Dichloroethene		ND		0.52	5.0
trans-1,3-Dichloropropene		ND		2.2	5.0
Trichloroethene		ND		1.1	5.0
Trichlorofluoromethane		ND		0.48	5.0

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14 | Date Sampled: 04/22/2014 1300
Client Matrix: Solid | % Moisture: 17.9 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7910.D
Dilution:	1.0			Initial Weight/Volume:	6.05 g
Analysis Date:	04/26/2014 1717			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.61	5.0
Xylenes, Total		ND		0.85	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		64 - 126
4-Bromofluorobenzene (Surr)	103		72 - 126
Toluene-d8 (Surr)	102		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 | Date Sampled: 04/22/2014 1250
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7911.D
Dilution:	1.0			Initial Weight/Volume:	6.68 g
Analysis Date:	04/26/2014 1743			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.32	4.4
1,1,2,2-Tetrachloroethane		ND		0.72	4.4
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	4.4
1,1,2-Trichloroethane		ND		0.58	4.4
1,1-Dichloroethane		ND		0.54	4.4
1,1-Dichloroethene		ND		0.54	4.4
1,2,4-Trichlorobenzene		ND		0.27	4.4
1,2-Dibromo-3-Chloropropane		ND		2.2	4.4
1,2-Dibromoethane		ND		0.57	4.4
1,2-Dichlorobenzene		ND		0.35	4.4
1,2-Dichloroethane		ND		0.22	4.4
1,2-Dichloropropane		ND		2.2	4.4
1,3-Dichlorobenzene		ND		0.23	4.4
1,4-Dichlorobenzene		ND		0.62	4.4
2-Butanone (MEK)		ND		1.6	22
2-Hexanone		ND		2.2	22
4-Methyl-2-pentanone (MIBK)		ND		1.5	22
Acetone		11	J	3.7	22
Benzene		ND		0.22	4.4
Bromodichloromethane		ND		0.60	4.4
Bromoform		ND		2.2	4.4
Bromomethane		ND		0.40	4.4
Carbon disulfide		ND		2.2	4.4
Carbon tetrachloride		ND		0.43	4.4
Chlorobenzene		ND		0.59	4.4
Chloroethane		ND		1.0	4.4
Chloroform		ND		0.28	4.4
Chloromethane		ND		0.27	4.4
cis-1,2-Dichloroethene		ND		0.57	4.4
cis-1,3-Dichloropropene		ND		0.64	4.4
Cyclohexane		ND		0.62	4.4
Dibromochloromethane		ND		0.57	4.4
Dichlorodifluoromethane		ND		0.37	4.4
Ethylbenzene		ND		0.31	4.4
Isopropylbenzene		ND		0.67	4.4
Methyl acetate		ND		2.7	4.4
Methyl tert-butyl ether		ND		0.44	4.4
Methylcyclohexane		ND		0.68	4.4
Methylene Chloride		ND		2.0	4.4
Styrene		ND		0.22	4.4
Tetrachloroethene		ND		0.60	4.4
Toluene		ND		0.34	4.4
trans-1,2-Dichloroethene		ND		0.46	4.4
trans-1,3-Dichloropropene		ND		2.0	4.4
Trichloroethene		ND		0.98	4.4
Trichlorofluoromethane		ND		0.42	4.4

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 | Date Sampled: 04/22/2014 1250
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7911.D
Dilution:	1.0			Initial Weight/Volume:	6.68 g
Analysis Date:	04/26/2014 1743			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.54	4.4
Xylenes, Total		ND		0.75	8.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		64 - 126
4-Bromofluorobenzene (Surr)	106		72 - 126
Toluene-d8 (Surr)	102		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 | Date Sampled: 04/22/2014 1515
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7912.D
Dilution:	1.0			Initial Weight/Volume:	7.84 g
Analysis Date:	04/26/2014 1809			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.26	3.5
1,1,2,2-Tetrachloroethane		ND		0.57	3.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		0.80	3.5
1,1,2-Trichloroethane		ND		0.46	3.5
1,1-Dichloroethane		ND		0.43	3.5
1,1-Dichloroethene		ND		0.43	3.5
1,2,4-Trichlorobenzene		ND		0.21	3.5
1,2-Dibromo-3-Chloropropane		ND		1.8	3.5
1,2-Dibromoethane		ND		0.45	3.5
1,2-Dichlorobenzene		ND		0.28	3.5
1,2-Dichloroethane		ND		0.18	3.5
1,2-Dichloropropane		ND		1.8	3.5
1,3-Dichlorobenzene		ND		0.18	3.5
1,4-Dichlorobenzene		ND		0.49	3.5
2-Butanone (MEK)		ND		1.3	18
2-Hexanone		ND		1.8	18
4-Methyl-2-pentanone (MIBK)		ND		1.2	18
Acetone		6.9	J	3.0	18
Benzene		ND		0.17	3.5
Bromodichloromethane		ND		0.47	3.5
Bromoform		ND		1.8	3.5
Bromomethane		ND		0.32	3.5
Carbon disulfide		ND		1.8	3.5
Carbon tetrachloride		ND		0.34	3.5
Chlorobenzene		ND		0.47	3.5
Chloroethane		ND		0.80	3.5
Chloroform		ND		0.22	3.5
Chloromethane		ND		0.21	3.5
cis-1,2-Dichloroethene		ND		0.45	3.5
cis-1,3-Dichloropropene		ND		0.51	3.5
Cyclohexane		ND		0.49	3.5
Dibromochloromethane		ND		0.45	3.5
Dichlorodifluoromethane		ND		0.29	3.5
Ethylbenzene		ND		0.24	3.5
Isopropylbenzene		ND		0.53	3.5
Methyl acetate		ND		2.1	3.5
Methyl tert-butyl ether		ND		0.35	3.5
Methylcyclohexane		ND		0.54	3.5
Methylene Chloride		ND		1.6	3.5
Styrene		ND		0.18	3.5
Tetrachloroethene		ND		0.47	3.5
Toluene		ND		0.27	3.5
trans-1,2-Dichloroethene		ND		0.36	3.5
trans-1,3-Dichloropropene		ND		1.6	3.5
Trichloroethene		ND		0.78	3.5
Trichlorofluoromethane		ND		0.33	3.5

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 | Date Sampled: 04/22/2014 1515
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7912.D
Dilution:	1.0			Initial Weight/Volume:	7.84 g
Analysis Date:	04/26/2014 1809			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.43	3.5
Xylenes, Total		ND		0.59	7.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Toluene-d8 (Surr)	101		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17 | Date Sampled: 04/22/2014 1640
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7913.D
Dilution:	1.0			Initial Weight/Volume:	6.48 g
Analysis Date:	04/26/2014 1834			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		ND		0.32	4.5
1,1,2,2-Tetrachloroethane		ND		0.72	4.5
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	4.5
1,1,2-Trichloroethane		ND		0.58	4.5
1,1-Dichloroethane		ND		0.54	4.5
1,1-Dichloroethene		ND		0.55	4.5
1,2,4-Trichlorobenzene		ND		0.27	4.5
1,2-Dibromo-3-Chloropropane		ND		2.2	4.5
1,2-Dibromoethane		ND		0.57	4.5
1,2-Dichlorobenzene		ND		0.35	4.5
1,2-Dichloroethane		ND		0.22	4.5
1,2-Dichloropropane		ND		2.2	4.5
1,3-Dichlorobenzene		ND		0.23	4.5
1,4-Dichlorobenzene		ND		0.62	4.5
2-Butanone (MEK)		ND		1.6	22
2-Hexanone		ND		2.2	22
4-Methyl-2-pentanone (MIBK)		ND		1.5	22
Acetone		ND		3.8	22
Benzene		ND		0.22	4.5
Bromodichloromethane		ND		0.60	4.5
Bromoform		ND		2.2	4.5
Bromomethane		ND		0.40	4.5
Carbon disulfide		ND		2.2	4.5
Carbon tetrachloride		ND		0.43	4.5
Chlorobenzene		ND		0.59	4.5
Chloroethane		ND		1.0	4.5
Chloroform		ND		0.28	4.5
Chloromethane		ND		0.27	4.5
cis-1,2-Dichloroethene		ND		0.57	4.5
cis-1,3-Dichloropropene		ND		0.64	4.5
Cyclohexane		ND		0.62	4.5
Dibromochloromethane		ND		0.57	4.5
Dichlorodifluoromethane		ND		0.37	4.5
Ethylbenzene		ND		0.31	4.5
Isopropylbenzene		ND		0.67	4.5
Methyl acetate		ND		2.7	4.5
Methyl tert-butyl ether		ND		0.44	4.5
Methylcyclohexane		ND		0.68	4.5
Methylene Chloride		ND		2.1	4.5
Styrene		ND		0.22	4.5
Tetrachloroethene		ND		0.60	4.5
Toluene		ND		0.34	4.5
trans-1,2-Dichloroethene		ND		0.46	4.5
trans-1,3-Dichloropropene		ND		2.0	4.5
Trichloroethene		ND		0.98	4.5
Trichlorofluoromethane		ND		0.42	4.5

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17 | Date Sampled: 04/22/2014 1640
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 04/23/2014 0900

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-178448	Instrument ID:	HP5973F
Prep Method:	5035A	Prep Batch:	480-177891	Lab File ID:	F7913.D
Dilution:	1.0			Initial Weight/Volume:	6.48 g
Analysis Date:	04/26/2014 1834			Final Weight/Volume:	5 g
Prep Date:	04/24/2014 0355				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Vinyl chloride		ND		0.54	4.5
Xylenes, Total		ND		0.75	8.9

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		64 - 126
4-Bromofluorobenzene (Surr)	117		72 - 126
Toluene-d8 (Surr)	112		71 - 125

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 | Date Sampled: 04/22/2014 1000
Client Matrix: Solid | % Moisture: 26.6 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-179105	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9942.D
Dilution:	1.0			Initial Weight/Volume:	+30.22 g
Analysis Date:	04/30/2014 1804			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		50	230
2,4,6-Trichlorophenol		ND		15	230
2,4-Dichlorophenol		ND		12	230
2,4-Dimethylphenol		ND		62	230
2,4-Dinitrophenol		ND		80	450
2,4-Dinitrotoluene		ND		35	230
2,6-Dinitrotoluene		ND		56	230
2-Chloronaphthalene		ND		15	230
2-Chlorophenol		ND		12	230
2-Methylnaphthalene		ND		2.8	230
2-Methylphenol		ND		7.0	230
2-Nitroaniline		ND		73	450
2-Nitrophenol		ND		10	230
3,3'-Dichlorobenzidine		ND		200	230
3-Nitroaniline		ND		52	450
4,6-Dinitro-2-methylphenol		ND		79	450
4-Bromophenyl phenyl ether		ND		73	230
4-Chloro-3-methylphenol		ND		9.4	230
4-Chloroaniline		ND		67	230
4-Chlorophenyl phenyl ether		ND		4.9	230
4-Methylphenol		ND		13	450
4-Nitroaniline		ND		25	450
4-Nitrophenol		ND		55	450
Acenaphthene		ND		2.7	230
Acenaphthylene		ND		1.9	230
Acetophenone		ND		12	230
Anthracene		ND		5.8	230
Atrazine		ND		10	230
Benzaldehyde		150	J	25	230
Benzo[a]anthracene		100	J	3.9	230
Benzo[a]pyrene		130	J	5.5	230
Benzo[b]fluoranthene		230		4.4	230
Benzo[g,h,i]perylene		46	J	2.7	230
Benzo[k]fluoranthene		82	J	2.5	230
Biphenyl		ND		14	230
bis (2-chloroisopropyl) ether		ND		24	230
Bis(2-chloroethoxy)methane		ND		12	230
Bis(2-chloroethyl)ether		ND		20	230
Bis(2-ethylhexyl) phthalate		ND		74	230
Butyl benzyl phthalate		ND		61	230
Caprolactam		ND		99	230
Carbazole		ND		2.6	230
Chrysene		150	J	2.3	230
Dibenz(a,h)anthracene		ND		2.7	230
Dibenzofuran		ND		2.4	230
Diethyl phthalate		ND		6.9	230

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 | Date Sampled: 04/22/2014 1000
Client Matrix: Solid | % Moisture: 26.6 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-179105	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9942.D
Dilution:	1.0			Initial Weight/Volume:	+30.22 g
Analysis Date:	04/30/2014 1804			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		6.0	230
Di-n-butyl phthalate		ND		79	230
Di-n-octyl phthalate		ND		5.3	230
Fluoranthene		170	J	3.3	230
Fluorene		ND		5.3	230
Hexachlorobenzene		ND		11	230
Hexachlorobutadiene		ND		12	230
Hexachlorocyclopentadiene		ND		69	230
Hexachloroethane		ND		18	230
Indeno[1,2,3-cd]pyrene		46	J	6.3	230
Isophorone		ND		11	230
Naphthalene		ND		3.8	230
Nitrobenzene		ND		10	230
N-Nitrosodi-n-propylamine		ND		18	230
N-Nitrosodiphenylamine		ND	*	12	230
Pentachlorophenol		ND		78	450
Phenanthrene		120	J	4.8	230
Phenol		ND		24	230
Pyrene		200	J	1.5	230

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	106		39 - 146
2-Fluorobiphenyl	91		37 - 120
2-Fluorophenol	89		18 - 120
Nitrobenzene-d5	86		34 - 132
Phenol-d5	96		11 - 120
p-Terphenyl-d14	81		65 - 153

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2 | Date Sampled: 04/22/2014 0955
Client Matrix: Solid | % Moisture: 25.7 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-179105	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9943.D
Dilution:	1.0			Initial Weight/Volume:	+30.24 g
Analysis Date:	04/30/2014 1828			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		49	230
2,4,6-Trichlorophenol		ND		15	230
2,4-Dichlorophenol		ND		12	230
2,4-Dimethylphenol		ND		61	230
2,4-Dinitrophenol		ND		79	440
2,4-Dinitrotoluene		ND		35	230
2,6-Dinitrotoluene		ND		55	230
2-Chloronaphthalene		ND		15	230
2-Chlorophenol		ND		11	230
2-Methylnaphthalene		ND		2.7	230
2-Methylphenol		ND		6.9	230
2-Nitroaniline		ND		72	440
2-Nitrophenol		ND		10	230
3,3'-Dichlorobenzidine		ND		200	230
3-Nitroaniline		ND		52	440
4,6-Dinitro-2-methylphenol		ND		78	440
4-Bromophenyl phenyl ether		ND		72	230
4-Chloro-3-methylphenol		ND		9.3	230
4-Chloroaniline		ND		66	230
4-Chlorophenyl phenyl ether		ND		4.8	230
4-Methylphenol		ND		13	440
4-Nitroaniline		ND		25	440
4-Nitrophenol		ND		55	440
Acenaphthene		ND		2.7	230
Acenaphthylene		ND		1.8	230
Acetophenone		ND		12	230
Anthracene		ND		5.8	230
Atrazine		ND		10	230
Benzaldehyde		160	J	25	230
Benzo[a]anthracene		59	J	3.9	230
Benzo[a]pyrene		72	J	5.4	230
Benzo[b]fluoranthene		140	J	4.4	230
Benzo[g,h,i]perylene		ND		2.7	230
Benzo[k]fluoranthene		49	J	2.5	230
Biphenyl		ND		14	230
bis (2-chloroisopropyl) ether		ND		24	230
Bis(2-chloroethoxy)methane		ND		12	230
Bis(2-chloroethyl)ether		ND		19	230
Bis(2-ethylhexyl) phthalate		ND		73	230
Butyl benzyl phthalate		ND		61	230
Caprolactam		ND		98	230
Carbazole		ND		2.6	230
Chrysene		110	J	2.3	230
Dibenz(a,h)anthracene		ND		2.7	230
Dibenzofuran		ND		2.3	230
Diethyl phthalate		ND		6.8	230

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2 | Date Sampled: 04/22/2014 0955
Client Matrix: Solid | % Moisture: 25.7 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-179105	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9943.D
Dilution:	1.0			Initial Weight/Volume:	+30.24 g
Analysis Date:	04/30/2014 1828			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.9	230
Di-n-butyl phthalate		ND		78	230
Di-n-octyl phthalate		ND		5.3	230
Fluoranthene		110	J	3.3	230
Fluorene		ND		5.2	230
Hexachlorobenzene		ND		11	230
Hexachlorobutadiene		ND		12	230
Hexachlorocyclopentadiene		ND		68	230
Hexachloroethane		ND		17	230
Indeno[1,2,3-cd]pyrene		28	J	6.2	230
Isophorone		ND		11	230
Naphthalene		ND		3.8	230
Nitrobenzene		ND		10	230
N-Nitrosodi-n-propylamine		ND		18	230
N-Nitrosodiphenylamine		ND	*	12	230
Pentachlorophenol		ND		77	440
Phenanthrene		77	J	4.7	230
Phenol		ND		24	230
Pyrene		140	J	1.5	230

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	101		39 - 146
2-Fluorobiphenyl	92		37 - 120
2-Fluorophenol	86		18 - 120
Nitrobenzene-d5	84		34 - 132
Phenol-d5	91		11 - 120
p-Terphenyl-d14	89		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7
Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9798.D
Dilution:	1.0			Initial Weight/Volume:	+30.28 g
Analysis Date:	04/25/2014 1933			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		41	190
2,4,6-Trichlorophenol		ND		12	190
2,4-Dichlorophenol		ND		9.9	190
2,4-Dimethylphenol		ND		51	190
2,4-Dinitrophenol		ND		66	370
2,4-Dinitrotoluene		ND		29	190
2,6-Dinitrotoluene		ND		46	190
2-Chloronaphthalene		ND		13	190
2-Chlorophenol		ND		9.6	190
2-Methylnaphthalene		ND		2.3	190
2-Methylphenol		ND		5.8	190
2-Nitroaniline		ND		61	370
2-Nitrophenol		ND		8.7	190
3,3'-Dichlorobenzidine		ND		170	190
3-Nitroaniline		ND		44	370
4,6-Dinitro-2-methylphenol		ND		65	370
4-Bromophenyl phenyl ether		ND		60	190
4-Chloro-3-methylphenol		ND		7.8	190
4-Chloroaniline		ND		56	190
4-Chlorophenyl phenyl ether		ND		4.0	190
4-Methylphenol		ND		11	370
4-Nitroaniline		ND		21	370
4-Nitrophenol		ND		46	370
Acenaphthene		ND		2.2	190
Acenaphthylene		ND		1.5	190
Acetophenone		ND		9.7	190
Anthracene		ND		4.8	190
Atrazine		ND		8.4	190
Benzaldehyde		ND UJ		21	190
Benzo[a]anthracene		6.4	J	3.3	190
Benzo[a]pyrene		ND		4.6	190
Benzo[b]fluoranthene		ND		3.7	190
Benzo[g,h,i]perylene		ND		2.3	190
Benzo[k]fluoranthene		ND		2.1	190
Biphenyl		ND		12	190
bis (2-chloroisopropyl) ether		ND UJ		20	190
Bis(2-chloroethoxy)methane		ND		10	190
Bis(2-chloroethyl)ether		ND		16	190
Bis(2-ethylhexyl) phthalate		ND		61	190
Butyl benzyl phthalate		ND		51	190
Caprolactam		ND		82	190
Carbazole		ND		2.2	190
Chrysene		ND		1.9	190
Dibenz(a,h)anthracene		ND		2.2	190
Dibenzofuran		ND		2.0	190
Diethyl phthalate		ND		5.7	190

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9798.D
Dilution:	1.0			Initial Weight/Volume:	+30.28 g
Analysis Date:	04/25/2014 1933			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		4.9	190
Di-n-butyl phthalate		ND		65	190
Di-n-octyl phthalate		ND		4.4	190
Fluoranthene		ND		2.7	190
Fluorene		ND		4.4	190
Hexachlorobenzene		ND		9.4	190
Hexachlorobutadiene		ND		9.7	190
Hexachlorocyclopentadiene		ND		57	190
Hexachloroethane		ND		15	190
Indeno[1,2,3-cd]pyrene		ND		5.2	190
Isophorone		ND		9.5	190
Naphthalene		ND		3.2	190
Nitrobenzene		ND		8.4	190
N-Nitrosodi-n-propylamine		ND		15	190
N-Nitrosodiphenylamine		ND	*	10	190
Pentachlorophenol		ND		65	370
Phenanthrene		ND		4.0	190
Phenol		ND		20	190
Pyrene		ND		1.2	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	113		39 - 146
2-Fluorobiphenyl	100		37 - 120
2-Fluorophenol	99		18 - 120
Nitrobenzene-d5	96		34 - 132
Phenol-d5	105		11 - 120
p-Terphenyl-d14	109		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1050
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9799.D
Dilution:	5.0			Initial Weight/Volume:	+30.64 g
Analysis Date:	04/25/2014 1958			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		240	1100
2,4,6-Trichlorophenol		ND		72	1100
2,4-Dichlorophenol		ND		57	1100
2,4-Dimethylphenol		ND		290	1100
2,4-Dinitrophenol		ND		380	2100
2,4-Dinitrotoluene		ND		170	1100
2,6-Dinitrotoluene		ND		270	1100
2-Chloronaphthalene		ND		73	1100
2-Chlorophenol		ND		55	1100
2-Methylnaphthalene		ND		13	1100
2-Methylphenol		ND		33	1100
2-Nitroaniline		ND		350	2100
2-Nitrophenol		ND		50	1100
3,3'-Dichlorobenzidine		ND		950	1100
3-Nitroaniline		ND		250	2100
4,6-Dinitro-2-methylphenol		ND		380	2100
4-Bromophenyl phenyl ether		ND		350	1100
4-Chloro-3-methylphenol		ND		45	1100
4-Chloroaniline		ND		320	1100
4-Chlorophenyl phenyl ether		ND		23	1100
4-Methylphenol		ND		61	2100
4-Nitroaniline		ND		120	2100
4-Nitrophenol		ND		260	2100
Acenaphthene		ND		13	1100
Acenaphthylene		ND		8.9	1100
Acetophenone		ND		56	1100
Anthracene		ND		28	1100
Atrazine		ND		48	1100
Benzaldehyde		ND UJ		120	1100
Benzo[a]anthracene		120	J	19	1100
Benzo[a]pyrene		99	J	26	1100
Benzo[b]fluoranthene		170	J	21	1100
Benzo[g,h,i]perylene		48	J	13	1100
Benzo[k]fluoranthene		ND		12	1100
Biphenyl		ND		68	1100
bis (2-chloroisopropyl) ether		ND UJ		110	1100
Bis(2-chloroethoxy)methane		ND		59	1100
Bis(2-chloroethyl)ether		ND		94	1100
Bis(2-ethylhexyl) phthalate		ND		350	1100
Butyl benzyl phthalate		ND		290	1100
Caprolactam		ND		470	1100
Carbazole		ND		13	1100
Chrysene		110	J	11	1100
Dibenz(a,h)anthracene		ND		13	1100
Dibenzofuran		ND		11	1100
Diethyl phthalate		ND		33	1100

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4 | Date Sampled: 04/22/2014 1050
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9799.D
Dilution:	5.0			Initial Weight/Volume:	+30.64 g
Analysis Date:	04/25/2014 1958			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		28	1100
Di-n-butyl phthalate		ND		380	1100
Di-n-octyl phthalate		ND		25	1100
Fluoranthene		210	J	16	1100
Fluorene		ND		25	1100
Hexachlorobenzene		ND		54	1100
Hexachlorobutadiene		ND		56	1100
Hexachlorocyclopentadiene		ND		330	1100
Hexachloroethane		ND		84	1100
Indeno[1,2,3-cd]pyrene		47	J	30	1100
Isophorone		ND		54	1100
Naphthalene		ND		18	1100
Nitrobenzene		ND		48	1100
N-Nitrosodi-n-propylamine		ND		86	1100
N-Nitrosodiphenylamine		ND	*	60	1100
Pentachlorophenol		ND		370	2100
Phenanthrene		93	J	23	1100
Phenol		ND		110	1100
Pyrene		160	J	7.0	1100

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	86		39 - 146
2-Fluorobiphenyl	88		37 - 120
2-Fluorophenol	83		18 - 120
Nitrobenzene-d5	78		34 - 132
Phenol-d5	80		11 - 120
p-Terphenyl-d14	90		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4
Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9800.D
Dilution:	1.0			Initial Weight/Volume:	+30.72 g
Analysis Date:	04/25/2014 2023			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		45	210
2,4,6-Trichlorophenol		ND		14	210
2,4-Dichlorophenol		ND		11	210
2,4-Dimethylphenol		ND		56	210
2,4-Dinitrophenol		ND		72	400
2,4-Dinitrotoluene		ND		32	210
2,6-Dinitrotoluene		ND		51	210
2-Chloronaphthalene		ND		14	210
2-Chlorophenol		ND		11	210
2-Methylnaphthalene		ND		2.5	210
2-Methylphenol		ND		6.4	210
2-Nitroaniline		ND		66	400
2-Nitrophenol		ND		9.5	210
3,3'-Dichlorobenzidine		ND		180	210
3-Nitroaniline		ND		48	400
4,6-Dinitro-2-methylphenol		ND		72	400
4-Bromophenyl phenyl ether		ND		66	210
4-Chloro-3-methylphenol		ND		8.5	210
4-Chloroaniline		ND		61	210
4-Chlorophenyl phenyl ether		ND		4.4	210
4-Methylphenol		ND		12	400
4-Nitroaniline		ND		23	400
4-Nitrophenol		ND		50	400
Acenaphthene		ND		2.4	210
Acenaphthylene		ND		1.7	210
Acetophenone		ND		11	210
Anthracene		ND		5.3	210
Atrazine		ND		9.2	210
Benzaldehyde		ND UJ		23	210
Benzo[a]anthracene		23	J	3.6	210
Benzo[a]pyrene		24	J	5.0	210
Benzo[b]fluoranthene		26	J	4.0	210
Benzo[g,h,i]perylene		12	J	2.5	210
Benzo[k]fluoranthene		ND		2.3	210
Biphenyl		ND		13	210
bis (2-chloroisopropyl) ether		NDUJ		22	210
Bis(2-chloroethoxy)methane		ND		11	210
Bis(2-chloroethyl)ether		ND		18	210
Bis(2-ethylhexyl) phthalate		ND		67	210
Butyl benzyl phthalate		ND		56	210
Caprolactam		ND		90	210
Carbazole		ND		2.4	210
Chrysene		28	J	2.1	210
Dibenz(a,h)anthracene		ND		2.4	210
Dibenzofuran		ND		2.2	210
Diethyl phthalate		ND		6.3	210

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5 | Date Sampled: 04/22/2014 1040
Client Matrix: Solid | % Moisture: 20.4 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9800.D
Dilution:	1.0			Initial Weight/Volume:	+30.72 g
Analysis Date:	04/25/2014 2023			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.4	210
Di-n-butyl phthalate		ND		72	210
Di-n-octyl phthalate		ND		4.8	210
Fluoranthene		45	J	3.0	210
Fluorene		ND		4.8	210
Hexachlorobenzene		ND		10	210
Hexachlorobutadiene		ND		11	210
Hexachlorocyclopentadiene		ND		63	210
Hexachloroethane		ND		16	210
Indeno[1,2,3-cd]pyrene		9.6	J	5.7	210
Isophorone		ND		10	210
Naphthalene		ND		3.4	210
Nitrobenzene		ND		9.2	210
N-Nitrosodi-n-propylamine		ND		16	210
N-Nitrosodiphenylamine		ND	*	11	210
Pentachlorophenol		ND		71	400
Phenanthrene		26	J	4.3	210
Phenol		ND		22	210
Pyrene		40	J	1.3	210

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	121		39 - 146
2-Fluorobiphenyl	105		37 - 120
2-Fluorophenol	96		18 - 120
Nitrobenzene-d5	99		34 - 132
Phenol-d5	100		11 - 120
p-Terphenyl-d14	106		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 04/22/2014 1030
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9801.D
Dilution:	1.0			Initial Weight/Volume:	+30.80 g
Analysis Date:	04/25/2014 2048			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		40	190
2,4,6-Trichlorophenol		ND		12	190
2,4-Dichlorophenol		ND		9.6	190
2,4-Dimethylphenol		ND		50	190
2,4-Dinitrophenol		ND		64	360
2,4-Dinitrotoluene		ND		28	190
2,6-Dinitrotoluene		ND		45	190
2-Chloronaphthalene		ND		12	190
2-Chlorophenol		ND		9.4	190
2-Methylnaphthalene		ND		2.2	190
2-Methylphenol		ND		5.7	190
2-Nitroaniline		ND		59	360
2-Nitrophenol		ND		8.4	190
3,3'-Dichlorobenzidine		ND		160	190
3-Nitroaniline		ND		42	360
4,6-Dinitro-2-methylphenol		ND		64	360
4-Bromophenyl phenyl ether		ND		59	190
4-Chloro-3-methylphenol		ND		7.6	190
4-Chloroaniline		ND		54	190
4-Chlorophenyl phenyl ether		ND		3.9	190
4-Methylphenol		ND		10	360
4-Nitroaniline		ND		21	360
4-Nitrophenol		ND		45	360
Acenaphthene		ND		2.2	190
Acenaphthylene		ND		1.5	190
Acetophenone		ND		9.4	190
Anthracene		ND		4.7	190
Atrazine		ND		8.2	190
Benzaldehyde		ND UJ		20	190
Benzo[a]anthracene		7.8	J	3.2	190
Benzo[a]pyrene		ND		4.4	190
Benzo[b]fluoranthene		8.3	J	3.6	190
Benzo[g,h,i]perylene		ND		2.2	190
Benzo[k]fluoranthene		ND		2.0	190
Biphenyl		ND		11	190
bis (2-chloroisopropyl) ether		ND UJ		19	190
Bis(2-chloroethoxy)methane		ND		10	190
Bis(2-chloroethyl)ether		ND		16	190
Bis(2-ethylhexyl) phthalate		ND		59	190
Butyl benzyl phthalate		ND		49	190
Caprolactam		ND		80	190
Carbazole		ND		2.1	190
Chrysene		ND		1.8	190
Dibenz(a,h)anthracene		ND		2.2	190
Dibenzofuran		ND		1.9	190
Diethyl phthalate		ND		5.6	190

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 04/22/2014 1030
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9801.D
Dilution:	1.0			Initial Weight/Volume:	+30.80 g
Analysis Date:	04/25/2014 2048			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		4.8	190
Di-n-butyl phthalate		ND		64	190
Di-n-octyl phthalate		ND		4.3	190
Fluoranthene		10	J	2.7	190
Fluorene		ND		4.2	190
Hexachlorobenzene		ND		9.1	190
Hexachlorobutadiene		ND		9.4	190
Hexachlorocyclopentadiene		ND		56	190
Hexachloroethane		ND		14	190
Indeno[1,2,3-cd]pyrene		ND		5.1	190
Isophorone		ND		9.2	190
Naphthalene		ND		3.1	190
Nitrobenzene		ND		8.2	190
N-Nitrosodi-n-propylamine		ND		15	190
N-Nitrosodiphenylamine		ND	*	10	190
Pentachlorophenol		ND		63	360
Phenanthrene		ND		3.9	190
Phenol		ND		19	190
Pyrene		ND		1.2	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	117		39 - 146
2-Fluorobiphenyl	101		37 - 120
2-Fluorophenol	91		18 - 120
Nitrobenzene-d5	93		34 - 132
Phenol-d5	93		11 - 120
p-Terphenyl-d14	110		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8
Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9802.D
Dilution:	1.0			Initial Weight/Volume:	+30.11 g
Analysis Date:	04/25/2014 2113			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		44	200
2,4,6-Trichlorophenol		ND		13	200
2,4-Dichlorophenol		ND		10	200
2,4-Dimethylphenol		ND		54	200
2,4-Dinitrophenol		ND		70	390
2,4-Dinitrotoluene		ND		31	200
2,6-Dinitrotoluene		ND		49	200
2-Chloronaphthalene		ND		13	200
2-Chlorophenol		ND		10	200
2-Methylnaphthalene		ND		2.4	200
2-Methylphenol		ND		6.1	200
2-Nitroaniline		ND		64	390
2-Nitrophenol		ND		9.1	200
3,3'-Dichlorobenzidine		ND		180	200
3-Nitroaniline		ND		46	390
4,6-Dinitro-2-methylphenol		ND		69	390
4-Bromophenyl phenyl ether		ND		64	200
4-Chloro-3-methylphenol		ND		8.2	200
4-Chloroaniline		ND		59	200
4-Chlorophenyl phenyl ether		ND		4.3	200
4-Methylphenol		ND		11	390
4-Nitroaniline		ND		22	390
4-Nitrophenol		ND		48	390
Acenaphthene		ND		2.3	200
Acenaphthylene		ND		1.6	200
Acetophenone		ND		10	200
Anthracene		11	J	5.1	200
Atrazine		ND		8.9	200
Benzaldehyde		ND	UJ	22	200
Benzo[a]anthracene		66	J	3.4	200
Benzo[a]pyrene		68	J	4.8	200
Benzo[b]fluoranthene		110	J	3.9	200
Benzo[g,h,i]perylene		27	J	2.4	200
Benzo[k]fluoranthene		ND		2.2	200
Biphenyl		ND		12	200
bis (2-chloroisopropyl) ether		ND	UJ	21	200
Bis(2-chloroethoxy)methane		ND		11	200
Bis(2-chloroethyl)ether		ND		17	200
Bis(2-ethylhexyl) phthalate		ND		64	200
Butyl benzyl phthalate		ND		54	200
Caprolactam		ND		86	200
Carbazole		ND		2.3	200
Chrysene		72	J	2.0	200
Dibenz(a,h)anthracene		ND		2.3	200
Dibenzofuran		ND		2.1	200
Diethyl phthalate		ND		6.0	200

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8
Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9802.D
Dilution:	1.0			Initial Weight/Volume:	+30.11 g
Analysis Date:	04/25/2014 2113			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.2	200
Di-n-butyl phthalate		ND		69	200
Di-n-octyl phthalate		ND		4.7	200
Fluoranthene		130	J	2.9	200
Fluorene		ND		4.6	200
Hexachlorobenzene		ND		9.9	200
Hexachlorobutadiene		ND		10	200
Hexachlorocyclopentadiene		ND		60	200
Hexachloroethane		ND		15	200
Indeno[1,2,3-cd]pyrene		29	J	5.5	200
Isophorone		ND		10	200
Naphthalene		ND		3.3	200
Nitrobenzene		ND		8.9	200
N-Nitrosodi-n-propylamine		ND		16	200
N-Nitrosodiphenylamine		ND	*	11	200
Pentachlorophenol		ND		69	390
Phenanthrene		65	J	4.2	200
Phenol		ND		21	200
Pyrene		97	J	1.3	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	116		39 - 146
2-Fluorobiphenyl	105		37 - 120
2-Fluorophenol	93		18 - 120
Nitrobenzene-d5	94		34 - 132
Phenol-d5	96		11 - 120
p-Terphenyl-d14	102		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8
Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9803.D
Dilution:	1.0			Initial Weight/Volume:	+30.35 g
Analysis Date:	04/25/2014 2138			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		42	200
2,4,6-Trichlorophenol		ND		13	200
2,4-Dichlorophenol		ND		10	200
2,4-Dimethylphenol		ND		52	200
2,4-Dinitrophenol		ND		68	380
2,4-Dinitrotoluene		ND		30	200
2,6-Dinitrotoluene		ND		47	200
2-Chloronaphthalene		ND		13	200
2-Chlorophenol		ND		9.9	200
2-Methylnaphthalene		ND		2.3	200
2-Methylphenol		ND		6.0	200
2-Nitroaniline		ND		62	380
2-Nitrophenol		ND		8.9	200
3,3'-Dichlorobenzidine		ND		170	200
3-Nitroaniline		ND		45	380
4,6-Dinitro-2-methylphenol		ND		67	380
4-Bromophenyl phenyl ether		ND		62	200
4-Chloro-3-methylphenol		ND		8.0	200
4-Chloroaniline		ND		57	200
4-Chlorophenyl phenyl ether		ND		4.1	200
4-Methylphenol		ND		11	380
4-Nitroaniline		ND		22	380
4-Nitrophenol		ND		47	380
Acenaphthene		ND		2.3	200
Acenaphthylene		ND		1.6	200
Acetophenone		ND		9.9	200
Anthracene		ND		5.0	200
Atrazine		ND		8.6	200
Benzaldehyde		ND UJ		21	200
Benzo[a]anthracene		31	J	3.3	200
Benzo[a]pyrene		33	J	4.7	200
Benzo[b]fluoranthene		45	J	3.8	200
Benzo[g,h,i]perylene		11	J	2.3	200
Benzo[k]fluoranthene		ND		2.1	200
Biphenyl		ND		12	200
bis (2-chloroisopropyl) ether		ND UJ		20	200
Bis(2-chloroethoxy)methane		ND		11	200
Bis(2-chloroethyl)ether		ND		17	200
Bis(2-ethylhexyl) phthalate		ND		62	200
Butyl benzyl phthalate		ND		52	200
Caprolactam		ND		84	200
Carbazole		ND		2.2	200
Chrysene		35	J	1.9	200
Dibenz(a,h)anthracene		ND		2.3	200
Dibenzofuran		ND		2.0	200
Diethyl phthalate		ND		5.9	200

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8 | Date Sampled: 04/22/2014 0815
Client Matrix: Solid | % Moisture: 13.8 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9803.D
Dilution:	1.0			Initial Weight/Volume:	+30.35 g
Analysis Date:	04/25/2014 2138			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.1	200
Di-n-butyl phthalate		ND		67	200
Di-n-octyl phthalate		ND		4.5	200
Fluoranthene		55	J	2.8	200
Fluorene		ND		4.5	200
Hexachlorobenzene		ND		9.6	200
Hexachlorobutadiene		ND		9.9	200
Hexachlorocyclopentadiene		ND		59	200
Hexachloroethane		ND		15	200
Indeno[1,2,3-cd]pyrene		14	J	5.4	200
Isophorone		ND		9.7	200
Naphthalene		ND		3.2	200
Nitrobenzene		ND		8.6	200
N-Nitrosodi-n-propylamine		ND		15	200
N-Nitrosodiphenylamine		ND	*	11	200
Pentachlorophenol		ND		66	380
Phenanthrene		22	J	4.1	200
Phenol		ND		20	200
Pyrene		41	J	1.3	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	113		39 - 146
2-Fluorobiphenyl	101		37 - 120
2-Fluorophenol	94		18 - 120
Nitrobenzene-d5	94		34 - 132
Phenol-d5	98		11 - 120
p-Terphenyl-d14	106		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9
Client Matrix: Solid
% Moisture: 11.0
Date Sampled: 04/22/2014 0905
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9804.D
Dilution:	1.0			Initial Weight/Volume:	+30.22 g
Analysis Date:	04/25/2014 2202			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		41	190
2,4,6-Trichlorophenol		ND		12	190
2,4-Dichlorophenol		ND		9.9	190
2,4-Dimethylphenol		ND		51	190
2,4-Dinitrophenol		ND		66	370
2,4-Dinitrotoluene		ND		29	190
2,6-Dinitrotoluene		ND		46	190
2-Chloronaphthalene		ND		13	190
2-Chlorophenol		ND		9.6	190
2-Methylnaphthalene		ND		2.3	190
2-Methylphenol		ND		5.8	190
2-Nitroaniline		ND		60	370
2-Nitrophenol		ND		8.6	190
3,3'-Dichlorobenzidine		ND		170	190
3-Nitroaniline		ND		43	370
4,6-Dinitro-2-methylphenol		ND		65	370
4-Bromophenyl phenyl ether		ND		60	190
4-Chloro-3-methylphenol		ND		7.7	190
4-Chloroaniline		ND		55	190
4-Chlorophenyl phenyl ether		ND		4.0	190
4-Methylphenol		ND		10	370
4-Nitroaniline		ND		21	370
4-Nitrophenol		ND		46	370
Acenaphthene		ND		2.2	190
Acenaphthylene		ND		1.5	190
Acetophenone		ND		9.7	190
Anthracene		ND		4.8	190
Atrazine		ND		8.4	190
Benzaldehyde		ND	UJ	21	190
Benzo[a]anthracene		ND		3.2	190
Benzo[a]pyrene		ND		4.5	190
Benzo[b]fluoranthene		ND		3.7	190
Benzo[g,h,i]perylene		ND		2.3	190
Benzo[k]fluoranthene		ND		2.1	190
Biphenyl		ND		12	190
bis (2-chloroisopropyl) ether		ND	UJ	20	190
Bis(2-chloroethoxy)methane		ND		10	190
Bis(2-chloroethyl)ether		ND		16	190
Bis(2-ethylhexyl) phthalate		ND		61	190
Butyl benzyl phthalate		ND		51	190
Caprolactam		ND		81	190
Carbazole		ND		2.2	190
Chrysene		ND		1.9	190
Dibenz(a,h)anthracene		ND		2.2	190
Dibenzofuran		ND		2.0	190
Diethyl phthalate		ND		5.7	190

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9
Client Matrix: Solid
% Moisture: 11.0

Date Sampled: 04/22/2014 0905
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9804.D
Dilution:	1.0			Initial Weight/Volume:	+30.22 g
Analysis Date:	04/25/2014 2202			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		4.9	190
Di-n-butyl phthalate		ND		65	190
Di-n-octyl phthalate		ND		4.4	190
Fluoranthene		ND		2.7	190
Fluorene		ND		4.3	190
Hexachlorobenzene		ND		9.4	190
Hexachlorobutadiene		ND		9.6	190
Hexachlorocyclopentadiene		ND		57	190
Hexachloroethane		ND		15	190
Indeno[1,2,3-cd]pyrene		ND		5.2	190
Isophorone		ND		9.4	190
Naphthalene		ND		3.1	190
Nitrobenzene		ND		8.3	190
N-Nitrosodi-n-propylamine		ND		15	190
N-Nitrosodiphenylamine		ND	*	10	190
Pentachlorophenol		ND		65	370
Phenanthrene		ND		4.0	190
Phenol		ND		20	190
Pyrene		ND		1.2	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	121		39 - 146
2-Fluorobiphenyl	104		37 - 120
2-Fluorophenol	92		18 - 120
Nitrobenzene-d5	99		34 - 132
Phenol-d5	95		11 - 120
p-Terphenyl-d14	108		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10
Client Matrix: Solid
% Moisture: 16.9
Date Sampled: 04/22/2014 1150
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9805.D
Dilution:	1.0			Initial Weight/Volume:	+30.14 g
Analysis Date:	04/25/2014 2227			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		44	200
2,4,6-Trichlorophenol		ND		13	200
2,4-Dichlorophenol		ND		11	200
2,4-Dimethylphenol		ND		55	200
2,4-Dinitrophenol		ND		71	400
2,4-Dinitrotoluene		ND		31	200
2,6-Dinitrotoluene		ND		49	200
2-Chloronaphthalene		ND		14	200
2-Chlorophenol		ND		10	200
2-Methylnaphthalene		ND		2.4	200
2-Methylphenol		ND		6.2	200
2-Nitroaniline		ND		65	400
2-Nitrophenol		ND		9.2	200
3,3'-Dichlorobenzidine		ND		180	200
3-Nitroaniline		ND		47	400
4,6-Dinitro-2-methylphenol		ND		70	400
4-Bromophenyl phenyl ether		ND		64	200
4-Chloro-3-methylphenol		ND		8.3	200
4-Chloroaniline		ND		59	200
4-Chlorophenyl phenyl ether		ND		4.3	200
4-Methylphenol		ND		11	400
4-Nitroaniline		ND		23	400
4-Nitrophenol		ND		49	400
Acenaphthene		ND		2.4	200
Acenaphthylene		ND		1.7	200
Acetophenone		ND		10	200
Anthracene		ND		5.2	200
Atrazine		ND		9.0	200
Benzaldehyde		NDUJ		22	200
Benzo[a]anthracene		39	J	3.5	200
Benzo[a]pyrene		30	J	4.9	200
Benzo[b]fluoranthene		59	J	3.9	200
Benzo[g,h,i]perylene		14	J	2.4	200
Benzo[k]fluoranthene		ND		2.2	200
Biphenyl		ND		13	200
bis (2-chloroisopropyl) ether		ND UJ		21	200
Bis(2-chloroethoxy)methane		ND		11	200
Bis(2-chloroethyl)ether		ND		17	200
Bis(2-ethylhexyl) phthalate		ND		65	200
Butyl benzyl phthalate		ND		54	200
Caprolactam		ND		87	200
Carbazole		ND		2.3	200
Chrysene		36	J	2.0	200
Dibenz(a,h)anthracene		ND		2.4	200
Dibenzofuran		ND		2.1	200
Diethyl phthalate		ND		6.1	200

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10
Client Matrix: Solid
% Moisture: 16.9

Date Sampled: 04/22/2014 1150
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9805.D
Dilution:	1.0			Initial Weight/Volume:	+30.14 g
Analysis Date:	04/25/2014 2227			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.3	200
Di-n-butyl phthalate		ND		70	200
Di-n-octyl phthalate		ND		4.7	200
Fluoranthene		57	J	2.9	200
Fluorene		ND		4.7	200
Hexachlorobenzene		ND		10	200
Hexachlorobutadiene		ND		10	200
Hexachlorocyclopentadiene		ND		61	200
Hexachloroethane		ND		16	200
Indeno[1,2,3-cd]pyrene		20	J	5.6	200
Isophorone		ND		10	200
Naphthalene		ND		3.4	200
Nitrobenzene		ND		9.0	200
N-Nitrosodi-n-propylamine		ND		16	200
N-Nitrosodiphenylamine		ND	*	11	200
Pentachlorophenol		ND		69	400
Phenanthrene		19	J	4.2	200
Phenol		ND		21	200
Pyrene		43	J	1.3	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	127		39 - 146
2-Fluorobiphenyl	117		37 - 120
2-Fluorophenol	112		18 - 120
Nitrobenzene-d5	111		34 - 132
Phenol-d5	114		11 - 120
p-Terphenyl-d14	113		65 - 153

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 | Date Sampled: 04/22/2014 1310
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9806.D
Dilution:	5.0			Initial Weight/Volume:	+30.08 g
Analysis Date:	04/25/2014 2251			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		240	1100
2,4,6-Trichlorophenol		ND		73	1100
2,4-Dichlorophenol		ND		58	1100
2,4-Dimethylphenol		ND		300	1100
2,4-Dinitrophenol		ND		390	2200
2,4-Dinitrotoluene		ND		170	1100
2,6-Dinitrotoluene		ND		270	1100
2-Chloronaphthalene		ND		74	1100
2-Chlorophenol		ND		56	1100
2-Methylnaphthalene		ND		13	1100
2-Methylphenol		ND		34	1100
2-Nitroaniline		ND		360	2200
2-Nitrophenol		ND		51	1100
3,3'-Dichlorobenzidine		ND		970	1100
3-Nitroaniline		ND		260	2200
4,6-Dinitro-2-methylphenol		ND		380	2200
4-Bromophenyl phenyl ether		ND		350	1100
4-Chloro-3-methylphenol		ND		46	1100
4-Chloroaniline		ND		330	1100
4-Chlorophenyl phenyl ether		ND		24	1100
4-Methylphenol		ND		62	2200
4-Nitroaniline		ND		120	2200
4-Nitrophenol		ND		270	2200
Acenaphthene		ND		13	1100
Acenaphthylene		ND		9.1	1100
Acetophenone		ND		57	1100
Anthracene		ND		28	1100
Atrazine		ND		49	1100
Benzaldehyde		ND UJ		120	1100
Benzo[a]anthracene		130	J	19	1100
Benzo[a]pyrene		120	J	27	1100
Benzo[b]fluoranthene		170	J	22	1100
Benzo[g,h,i]perylene		ND		13	1100
Benzo[k]fluoranthene		ND		12	1100
Biphenyl		ND		69	1100
bis (2-chloroisopropyl) ether		ND UJ		120	1100
Bis(2-chloroethoxy)methane		ND		60	1100
Bis(2-chloroethyl)ether		ND		96	1100
Bis(2-ethylhexyl) phthalate		ND		360	1100
Butyl benzyl phthalate		ND		300	1100
Caprolactam		ND		480	1100
Carbazole		ND		13	1100
Chrysene		120	J	11	1100
Dibenz(a,h)anthracene		ND		13	1100
Dibenzofuran		ND		12	1100
Diethyl phthalate		ND		34	1100

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 | Date Sampled: 04/22/2014 1310
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9806.D
Dilution:	5.0			Initial Weight/Volume:	+30.08 g
Analysis Date:	04/25/2014 2251			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		29	1100
Di-n-butyl phthalate		ND		380	1100
Di-n-octyl phthalate		ND		26	1100
Fluoranthene		190	J	16	1100
Fluorene		ND		26	1100
Hexachlorobenzene		ND		55	1100
Hexachlorobutadiene		ND		57	1100
Hexachlorocyclopentadiene		ND		340	1100
Hexachloroethane		ND		86	1100
Indeno[1,2,3-cd]pyrene		34	J	31	1100
Isophorone		ND		55	1100
Naphthalene		ND		18	1100
Nitrobenzene		ND		49	1100
N-Nitrosodi-n-propylamine		ND		88	1100
N-Nitrosodiphenylamine		ND	*	61	1100
Pentachlorophenol		ND		380	2200
Phenanthrene		ND		23	1100
Phenol		ND		120	1100
Pyrene		140	J	7.2	1100

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	107		39 - 146
2-Fluorobiphenyl	93		37 - 120
2-Fluorophenol	88		18 - 120
Nitrobenzene-d5	90		34 - 132
Phenol-d5	87		11 - 120
p-Terphenyl-d14	90		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14
Client Matrix: Solid
% Moisture: 17.9
Date Sampled: 04/22/2014 1300
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9807.D
Dilution:	1.0			Initial Weight/Volume:	+30.53 g
Analysis Date:	04/25/2014 2316			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		44	200
2,4,6-Trichlorophenol		ND		13	200
2,4-Dichlorophenol		ND		11	200
2,4-Dimethylphenol		ND		55	200
2,4-Dinitrophenol		ND		71	390
2,4-Dinitrotoluene		ND		31	200
2,6-Dinitrotoluene		ND		49	200
2-Chloronaphthalene		ND		14	200
2-Chlorophenol		ND		10	200
2-Methylnaphthalene		ND		2.4	200
2-Methylphenol		ND		6.2	200
2-Nitroaniline		ND		65	390
2-Nitrophenol		ND		9.2	200
3,3'-Dichlorobenzidine		ND		180	200
3-Nitroaniline		ND		46	390
4,6-Dinitro-2-methylphenol		ND		70	390
4-Bromophenyl phenyl ether		ND		64	200
4-Chloro-3-methylphenol		ND		8.3	200
4-Chloroaniline		ND		59	200
4-Chlorophenyl phenyl ether		ND		4.3	200
4-Methylphenol		ND		11	390
4-Nitroaniline		ND		23	390
4-Nitrophenol		ND		49	390
Acenaphthene		ND		2.4	200
Acenaphthylene		ND		1.7	200
Acetophenone		ND		10	200
Anthracene		ND		5.2	200
Atrazine		ND		9.0	200
Benzaldehyde		ND	UJ	22	200
Benzo[a]anthracene		54	J	3.5	200
Benzo[a]pyrene		50	J	4.9	200
Benzo[b]fluoranthene		68	J	3.9	200
Benzo[g,h,i]perylene		18	J	2.4	200
Benzo[k]fluoranthene		ND		2.2	200
Biphenyl		ND		13	200
bis (2-chloroisopropyl) ether		ND	UJ	21	200
Bis(2-chloroethoxy)methane		ND		11	200
Bis(2-chloroethyl)ether		ND		17	200
Bis(2-ethylhexyl) phthalate		ND		65	200
Butyl benzyl phthalate		ND		54	200
Caprolactam		ND		87	200
Carbazole		ND		2.3	200
Chrysene		61	J	2.0	200
Dibenz(a,h)anthracene		ND		2.4	200
Dibenzofuran		ND		2.1	200
Diethyl phthalate		ND		6.1	200

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14 | Date Sampled: 04/22/2014 1300
Client Matrix: Solid | % Moisture: 17.9 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9807.D
Dilution:	1.0			Initial Weight/Volume:	+30.53 g
Analysis Date:	04/25/2014 2316			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.3	200
Di-n-butyl phthalate		ND		70	200
Di-n-octyl phthalate		ND		4.7	200
Fluoranthene		97	J	2.9	200
Fluorene		ND		4.7	200
Hexachlorobenzene		ND		10	200
Hexachlorobutadiene		ND		10	200
Hexachlorocyclopentadiene		ND		61	200
Hexachloroethane		ND		16	200
Indeno[1,2,3-cd]pyrene		19	J	5.6	200
Isophorone		ND		10	200
Naphthalene		ND		3.4	200
Nitrobenzene		ND		9.0	200
N-Nitrosodi-n-propylamine		ND		16	200
N-Nitrosodiphenylamine		ND	*	11	200
Pentachlorophenol		ND		69	390
Phenanthrene		36	J	4.2	200
Phenol		ND		21	200
Pyrene		73	J	1.3	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	131		39 - 146
2-Fluorobiphenyl	106		37 - 120
2-Fluorophenol	98		18 - 120
Nitrobenzene-d5	100		34 - 132
Phenol-d5	106		11 - 120
p-Terphenyl-d14	111		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15
Client Matrix: Solid
% Moisture: 15.9
Date Sampled: 04/22/2014 1250
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9808.D
Dilution:	1.0			Initial Weight/Volume:	+30.71 g
Analysis Date:	04/25/2014 2340			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		43	200
2,4,6-Trichlorophenol		ND		13	200
2,4-Dichlorophenol		ND		10	200
2,4-Dimethylphenol		ND		53	200
2,4-Dinitrophenol		ND		69	380
2,4-Dinitrotoluene		ND		30	200
2,6-Dinitrotoluene		ND		48	200
2-Chloronaphthalene		ND		13	200
2-Chlorophenol		ND		10	200
2-Methylnaphthalene		ND		2.4	200
2-Methylphenol		ND		6.0	200
2-Nitroaniline		ND		63	380
2-Nitrophenol		ND		9.0	200
3,3'-Dichlorobenzidine		ND		170	200
3-Nitroaniline		ND		45	380
4,6-Dinitro-2-methylphenol		ND		68	380
4-Bromophenyl phenyl ether		ND		62	200
4-Chloro-3-methylphenol		ND		8.1	200
4-Chloroaniline		ND		58	200
4-Chlorophenyl phenyl ether		ND		4.2	200
4-Methylphenol		ND		11	380
4-Nitroaniline		ND		22	380
4-Nitrophenol		ND		48	380
Acenaphthene		ND		2.3	200
Acenaphthylene		ND		1.6	200
Acetophenone		ND		10	200
Anthracene		6.0	J	5.0	200
Atrazine		ND		8.7	200
Benzaldehyde		ND UJ		22	200
Benzo[a]anthracene		40	J	3.4	200
Benzo[a]pyrene		28	J	4.7	200
Benzo[b]fluoranthene		53	J	3.8	200
Benzo[g,h,i]perylene		8.3	J	2.4	200
Benzo[k]fluoranthene		ND		2.2	200
Biphenyl		ND		12	200
bis (2-chloroisopropyl) ether		ND UJ		20	200
Bis(2-chloroethoxy)methane		ND		11	200
Bis(2-chloroethyl)ether		ND		17	200
Bis(2-ethylhexyl) phthalate		ND		63	200
Butyl benzyl phthalate		ND		53	200
Caprolactam		ND		85	200
Carbazole		ND		2.3	200
Chrysene		27	J	2.0	200
Dibenz(a,h)anthracene		ND		2.3	200
Dibenzofuran		ND		2.0	200
Diethyl phthalate		ND		5.9	200

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 | Date Sampled: 04/22/2014 1250
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178252	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9808.D
Dilution:	1.0			Initial Weight/Volume:	+30.71 g
Analysis Date:	04/25/2014 2340			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.1	200
Di-n-butyl phthalate		ND		68	200
Di-n-octyl phthalate		ND		4.6	200
Fluoranthene		65	J	2.8	200
Fluorene		ND		4.5	200
Hexachlorobenzene		ND		9.7	200
Hexachlorobutadiene		ND		10	200
Hexachlorocyclopentadiene		ND		59	200
Hexachloroethane		ND		15	200
Indeno[1,2,3-cd]pyrene		12	J	5.4	200
Isophorone		ND		9.8	200
Naphthalene		ND		3.3	200
Nitrobenzene		ND		8.7	200
N-Nitrosodi-n-propylamine		ND		16	200
N-Nitrosodiphenylamine		ND	*	11	200
Pentachlorophenol		ND		67	380
Phenanthrene		27	J	4.1	200
Phenol		ND		21	200
Pyrene		47	J	1.3	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	100		39 - 146
2-Fluorobiphenyl	89		37 - 120
2-Fluorophenol	84		18 - 120
Nitrobenzene-d5	80		34 - 132
Phenol-d5	85		11 - 120
p-Terphenyl-d14	90		65 - 153

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 | Date Sampled: 04/22/2014 1515
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178336	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9820.D
Dilution:	1.0			Initial Weight/Volume:	+30.27 g
Analysis Date:	04/26/2014 0518			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		40	190
2,4,6-Trichlorophenol		ND		12	190
2,4-Dichlorophenol		ND		9.7	190
2,4-Dimethylphenol		ND		50	190
2,4-Dinitrophenol		ND		65	360
2,4-Dinitrotoluene		ND		29	190
2,6-Dinitrotoluene		ND		45	190
2-Chloronaphthalene		ND		12	190
2-Chlorophenol		ND		9.4	190
2-Methylnaphthalene		ND		2.2	190
2-Methylphenol		ND		5.7	190
2-Nitroaniline		ND		59	360
2-Nitrophenol		ND		8.5	190
3,3'-Dichlorobenzidine		ND		160	190
3-Nitroaniline		ND		43	360
4,6-Dinitro-2-methylphenol		ND		64	360
4-Bromophenyl phenyl ether		ND		59	190
4-Chloro-3-methylphenol		ND		7.6	190
4-Chloroaniline		ND		54	190
4-Chlorophenyl phenyl ether		ND		3.9	190
4-Methylphenol		ND		10	360
4-Nitroaniline		ND		21	360
4-Nitrophenol		ND		45	360
Acenaphthene		ND		2.2	190
Acenaphthylene		ND		1.5	190
Acetophenone		ND		9.5	190
Anthracene		ND		4.7	190
Atrazine		ND		8.2	190
Benzaldehyde		ND	UJ	20	190
Benzo[a]anthracene		ND		3.2	190
Benzo[a]pyrene		ND		4.5	190
Benzo[b]fluoranthene		ND		3.6	190
Benzo[g,h,i]perylene		ND		2.2	190
Benzo[k]fluoranthene		ND		2.0	190
Biphenyl		ND		12	190
bis (2-chloroisopropyl) ether		ND	UJ	19	190
Bis(2-chloroethoxy)methane		ND		10	190
Bis(2-chloroethyl)ether		ND		16	190
Bis(2-ethylhexyl) phthalate		ND		60	190
Butyl benzyl phthalate		ND		50	190
Caprolactam		ND		80	190
Carbazole		ND		2.1	190
Chrysene		ND		1.9	190
Dibenz(a,h)anthracene		ND		2.2	190
Dibenzofuran		ND		1.9	190
Diethyl phthalate		ND		5.6	190

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 | Date Sampled: 04/22/2014 1515
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178336	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9820.D
Dilution:	1.0			Initial Weight/Volume:	+30.27 g
Analysis Date:	04/26/2014 0518			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		4.8	190
Di-n-butyl phthalate		ND		64	190
Di-n-octyl phthalate		ND		4.3	190
Fluoranthene		ND		2.7	190
Fluorene		ND		4.3	190
Hexachlorobenzene		ND		9.2	190
Hexachlorobutadiene		ND		9.5	190
Hexachlorocyclopentadiene		ND		56	190
Hexachloroethane		ND		14	190
Indeno[1,2,3-cd]pyrene		ND		5.1	190
Isophorone		ND		9.3	190
Naphthalene		ND		3.1	190
Nitrobenzene		ND		8.2	190
N-Nitrosodi-n-propylamine		ND		15	190
N-Nitrosodiphenylamine		ND	*	10	190
Pentachlorophenol		ND		64	360
Phenanthrene		ND		3.9	190
Phenol		ND		19	190
Pyrene		ND		1.2	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	101		39 - 146
2-Fluorobiphenyl	90		37 - 120
2-Fluorophenol	82		18 - 120
Nitrobenzene-d5	83		34 - 132
Phenol-d5	83		11 - 120
p-Terphenyl-d14	118		65 - 153

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17
Client Matrix: Solid
% Moisture: 13.5
Date Sampled: 04/22/2014 1640
Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178336	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9821.D
Dilution:	1.0			Initial Weight/Volume:	+30.68 g
Analysis Date:	04/26/2014 0543			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4,5-Trichlorophenol		ND		42	190
2,4,6-Trichlorophenol		ND		13	190
2,4-Dichlorophenol		ND		10	190
2,4-Dimethylphenol		ND		52	190
2,4-Dinitrophenol		ND		67	370
2,4-Dinitrotoluene		ND		30	190
2,6-Dinitrotoluene		ND		47	190
2-Chloronaphthalene		ND		13	190
2-Chlorophenol		ND		9.7	190
2-Methylnaphthalene		ND		2.3	190
2-Methylphenol		ND		5.9	190
2-Nitroaniline		ND		61	370
2-Nitrophenol		ND		8.7	190
3,3'-Dichlorobenzidine		ND		170	190
3-Nitroaniline		ND		44	370
4,6-Dinitro-2-methylphenol		ND		66	370
4-Bromophenyl phenyl ether		ND		61	190
4-Chloro-3-methylphenol		ND		7.8	190
4-Chloroaniline		ND		56	190
4-Chlorophenyl phenyl ether		ND		4.1	190
4-Methylphenol		ND		11	370
4-Nitroaniline		ND		21	370
4-Nitrophenol		ND		46	370
Acenaphthene		ND		2.2	190
Acenaphthylene		ND		1.6	190
Acetophenone		ND		9.8	190
Anthracene		ND		4.9	190
Atrazine		ND		8.5	190
Benzaldehyde		ND	UJ	21	190
Benzo[a]anthracene		ND		3.3	190
Benzo[a]pyrene		9.5	J	4.6	190
Benzo[b]fluoranthene		12	J	3.7	190
Benzo[g,h,i]perylene		ND		2.3	190
Benzo[k]fluoranthene		ND		2.1	190
Biphenyl		ND		12	190
bis (2-chloroisopropyl) ether		ND	UJ	20	190
Bis(2-chloroethoxy)methane		ND		10	190
Bis(2-chloroethyl)ether		ND		16	190
Bis(2-ethylhexyl) phthalate		ND		61	190
Butyl benzyl phthalate		ND		51	190
Caprolactam		ND		83	190
Carbazole		ND		2.2	190
Chrysene		14	J	1.9	190
Dibenz(a,h)anthracene		ND		2.2	190
Dibenzofuran		ND		2.0	190
Diethyl phthalate		ND		5.8	190

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17 | Date Sampled: 04/22/2014 1640
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 04/23/2014 0900

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-178336	Instrument ID:	HP5973V
Prep Method:	3550C	Prep Batch:	480-178035	Lab File ID:	V9821.D
Dilution:	1.0			Initial Weight/Volume:	+30.68 g
Analysis Date:	04/26/2014 0543			Final Weight/Volume:	1 mL
Prep Date:	04/24/2014 1332			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dimethyl phthalate		ND		5.0	190
Di-n-butyl phthalate		ND		66	190
Di-n-octyl phthalate		ND		4.5	190
Fluoranthene		23	J	2.8	190
Fluorene		ND		4.4	190
Hexachlorobenzene		ND		9.5	190
Hexachlorobutadiene		ND		9.8	190
Hexachlorocyclopentadiene		ND		58	190
Hexachloroethane		ND		15	190
Indeno[1,2,3-cd]pyrene		ND		5.3	190
Isophorone		ND		9.5	190
Naphthalene		ND		3.2	190
Nitrobenzene		ND		8.5	190
N-Nitrosodi-n-propylamine		ND		15	190
N-Nitrosodiphenylamine		ND	*	10	190
Pentachlorophenol		ND		65	370
Phenanthrene		10	J	4.0	190
Phenol		ND		20	190
Pyrene		20	J	1.2	190

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	100		39 - 146
2-Fluorobiphenyl	95		37 - 120
2-Fluorophenol	88		18 - 120
Nitrobenzene-d5	88		34 - 132
Phenol-d5	86		11 - 120
p-Terphenyl-d14	107		65 - 153

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 | Date Sampled: 04/22/2014 1000
Client Matrix: Solid | % Moisture: 26.6 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.42 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1535			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		2.2	11
4,4'-DDE		2.6 J	J	2.4	11
4,4'-DDT		5.2	J	2.6	11
Aldrin		ND		2.8	11
alpha-BHC		ND		2.0	11
alpha-Chlordane		ND		5.6	11
beta-BHC		ND		2.0	11
delta-BHC		ND		2.1	11
Dieldrin		ND		2.7	11
Endosulfan I		ND		2.1	11
Endosulfan II		ND		2.0	11
Endosulfan sulfate		ND		2.1	11
Endrin		ND		2.2	11
Endrin aldehyde		ND		2.9	11
Endrin ketone		ND		2.8	11
gamma-BHC (Lindane)		ND		2.1	11
gamma-Chlordane		ND		3.6	11
Heptachlor		ND		2.4	11
Heptachlor epoxide		ND		2.9	11
Methoxychlor		~~4.0~~ 11	~~J~~ B U	2.3	11
Toxaphene		ND		65	110

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		32 - 136
Tetrachloro-m-xylene	86		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1
Client Matrix: Solid
% Moisture: 26.6

Date Sampled: 04/22/2014 1000
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.42 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1535			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		32 - 136
Tetrachloro-m-xylene	92		30 - 124

Client: Sterling Environmental Engineering PC Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2 Date Sampled: 04/22/2014 0955
Client Matrix: Solid % Moisture: 25.7 Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.66 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1144			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.43	2.2
4,4'-DDE		1.0 J	J	0.46	2.2
4,4'-DDT		0.80 J	J	0.51	2.2
Aldrin		ND		0.54	2.2
alpha-BHC		ND		0.40	2.2
alpha-Chlordane		ND		1.1	2.2
beta-BHC		ND		0.40	2.2
delta-BHC		~~0.82~~ 2.2	~~J~~ B U	0.41	2.2
Dieldrin		ND		0.53	2.2
Endosulfan I		ND		0.42	2.2
Endosulfan II		ND		0.40	2.2
Endosulfan sulfate		ND		0.41	2.2
Endrin		ND		0.43	2.2
Endrin aldehyde		ND		0.56	2.2
Endrin ketone		ND		0.54	2.2
gamma-BHC (Lindane)		ND		0.40	2.2
gamma-Chlordane		ND		0.70	2.2
Heptachlor		ND		0.48	2.2
Heptachlor epoxide		ND		0.57	2.2
Methoxychlor		ND		0.45	2.2
Toxaphene		ND		13	22

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		32 - 136
Tetrachloro-m-xylene	77		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2
Client Matrix: Solid
% Moisture: 25.7

Date Sampled: 04/22/2014 0955
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.66 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1144			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		32 - 136
Tetrachloro-m-xylene	117		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.56 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1202			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.36	1.9
4,4'-DDE		ND		0.39	1.9
4,4'-DDT		ND		0.43	1.9
Aldrin		ND		0.46	1.9
alpha-BHC		ND		0.33	1.9
alpha-Chlordane		ND		0.92	1.9
beta-BHC		ND		0.33	1.9
delta-BHC		~~0.62~~ 1.9	~~J~~ B U	0.34	1.9
Dieldrin		ND		0.44	1.9
Endosulfan I		ND		0.36	1.9
Endosulfan II		ND		0.33	1.9
Endosulfan sulfate		ND		0.35	1.9
Endrin		ND		0.37	1.9
Endrin aldehyde		ND		0.47	1.9
Endrin ketone		ND		0.46	1.9
gamma-BHC (Lindane)		ND		0.34	1.9
gamma-Chlordane		ND		0.59	1.9
Heptachlor		ND		0.40	1.9
Heptachlor epoxide		ND		0.48	1.9
Methoxychlor		ND		0.38	1.9
Toxaphene		ND		11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		32 - 136
Tetrachloro-m-xylene	74		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.56 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1202			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		32 - 136
Tetrachloro-m-xylene	92		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1050
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.47 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1553			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		2.1	11
4,4'-DDE		5.2	J	2.3	11
4,4'-DDT		6.6	J	2.5	11
Aldrin		ND		2.7	11
alpha-BHC		ND		1.9	11
alpha-Chlordane		ND		5.4	11
beta-BHC		ND		1.9	11
delta-BHC		2.5 J	J	2.0	11
Dieldrin		ND		2.6	11
Endosulfan I		ND		2.1	11
Endosulfan II		ND		1.9	11
Endosulfan sulfate		ND		2.0	11
Endrin		ND		2.1	11
Endrin aldehyde		ND		2.8	11
Endrin ketone		6.9 J	J	2.7	11
gamma-BHC (Lindane)		ND		2.0	11
gamma-Chlordane		ND		3.4	11
Heptachlor		ND		2.3	11
Heptachlor epoxide		ND		2.8	11
Methoxychlor		~~3.6~~ 11	~~J~~ B U	2.2	11
Toxaphene		ND		63	110

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		32 - 136
Tetrachloro-m-xylene	84		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1050
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.47 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1553			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		32 - 136
Tetrachloro-m-xylene	88		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4

Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.55 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1219			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.40	2.1
4,4'-DDE		ND		0.43	2.1
4,4'-DDT		0.93 J	J	0.48	2.1
Aldrin		ND		0.51	2.1
alpha-BHC		ND		0.37	2.1
alpha-Chlordane		ND		1.0	2.1
beta-BHC		ND		0.37	2.1
delta-BHC		~~0.80~~ 2.1	~~J B~~ U	0.38	2.1
Dieldrin		ND		0.49	2.1
Endosulfan I		ND		0.39	2.1
Endosulfan II		ND		0.37	2.1
Endosulfan sulfate		ND		0.38	2.1
Endrin		ND		0.41	2.1
Endrin aldehyde		ND		0.53	2.1
Endrin ketone		ND		0.51	2.1
gamma-BHC (Lindane)		ND		0.38	2.1
gamma-Chlordane		ND		0.65	2.1
Heptachlor		ND		0.45	2.1
Heptachlor epoxide		ND		0.53	2.1
Methoxychlor		ND		0.42	2.1
Toxaphene		ND		12	21

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		32 - 136
Tetrachloro-m-xylene	74		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4

Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.55 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1219			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		32 - 136
Tetrachloro-m-xylene	104		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6 | Date Sampled: 04/22/2014 1030
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1237			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.50	J	0.36	1.8
4,4'-DDE		0.70	J	0.39	1.8
4,4'-DDT		ND		0.43	1.8
Aldrin		ND		0.45	1.8
alpha-BHC		ND		0.33	1.8
alpha-Chlordane		ND		0.92	1.8
beta-BHC		ND		0.33	1.8
delta-BHC		~~0.61~~ 1.8	~~J~~ B U	0.34	1.8
Dieldrin		ND		0.44	1.8
Endosulfan I		ND		0.35	1.8
Endosulfan II		ND		0.33	1.8
Endosulfan sulfate		ND		0.34	1.8
Endrin		ND		0.37	1.8
Endrin aldehyde		ND		0.47	1.8
Endrin ketone		ND		0.45	1.8
gamma-BHC (Lindane)		0.57 J	J	0.34	1.8
gamma-Chlordane		ND		0.59	1.8
Heptachlor		ND		0.40	1.8
Heptachlor epoxide		ND		0.48	1.8
Methoxychlor		ND		0.38	1.8
Toxaphene		ND		11	18

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		32 - 136
Tetrachloro-m-xylene	78		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 04/22/2014 1030
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1237			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		32 - 136
Tetrachloro-m-xylene	95		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7 | Date Sampled: 04/22/2014 0800
Client Matrix: Solid | % Moisture: 15.8 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.52 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1610			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		1.9	9.7
4,4'-DDE		ND		2.0	9.7
4,4'-DDT		4.3	J	2.3	9.7
Aldrin		ND		2.4	9.7
alpha-BHC		ND		1.8	9.7
alpha-Chlordane		ND		4.8	9.7
beta-BHC		ND		1.8	9.7
delta-BHC		ND		1.8	9.7
Dieldrin		ND		2.3	9.7
Endosulfan I		ND		1.9	9.7
Endosulfan II		ND		1.8	9.7
Endosulfan sulfate		ND		1.8	9.7
Endrin		ND		1.9	9.7
Endrin aldehyde		ND		2.5	9.7
Endrin ketone		ND		2.4	9.7
gamma-BHC (Lindane)		ND		1.8	9.7
gamma-Chlordane		ND		3.1	9.7
Heptachlor		ND		2.1	9.7
Heptachlor epoxide		ND		2.5	9.7
Methoxychlor		ND		2.0	9.7
Toxaphene		ND		57	97

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	134		32 - 136
Tetrachloro-m-xylene	94		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8

Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.52 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1610			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		32 - 136
Tetrachloro-m-xylene	90		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8

Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.51 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1628			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.37	1.9
4,4'-DDE		0.49J	J	0.40	1.9
4,4'-DDT		0.97	J	0.45	1.9
Aldrin		ND		0.47	1.9
alpha-BHC		ND		0.34	1.9
alpha-Chlordane		ND		0.95	1.9
beta-BHC		ND		0.34	1.9
delta-BHC		ND		0.35	1.9
Dieldrin		ND		0.46	1.9
Endosulfan I		ND		0.37	1.9
Endosulfan II		ND		0.34	1.9
Endosulfan sulfate		ND		0.35	1.9
Endrin		ND		0.38	1.9
Endrin aldehyde		ND		0.49	1.9
Endrin ketone		ND		0.47	1.9
gamma-BHC (Lindane)		ND		0.35	1.9
gamma-Chlordane		ND		0.60	1.9
Heptachlor		ND		0.41	1.9
Heptachlor epoxide		ND		0.49	1.9
Methoxychlor		~~0.64~~ 1.9	~~J~~ B U	0.39	1.9
Toxaphene		ND		11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		32 - 136
Tetrachloro-m-xylene	76		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8

Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.51 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1628			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		32 - 136
Tetrachloro-m-xylene	72		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9 | Date Sampled: 04/22/2014 0905
Client Matrix: Solid | % Moisture: 11.0 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1254			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.36	1.9
4,4'-DDE		ND		0.39	1.9
4,4'-DDT		ND		0.43	1.9
Aldrin		ND		0.46	1.9
alpha-BHC		ND		0.33	1.9
alpha-Chlordane		ND		0.92	1.9
beta-BHC		ND		0.33	1.9
delta-BHC		ND		0.34	1.9
Dieldrin		ND		0.44	1.9
Endosulfan I		ND		0.36	1.9
Endosulfan II		ND		0.33	1.9
Endosulfan sulfate		ND		0.35	1.9
Endrin		ND		0.37	1.9
Endrin aldehyde		ND		0.47	1.9
Endrin ketone		ND		0.46	1.9
gamma-BHC (Lindane)		ND		0.34	1.9
gamma-Chlordane		ND		0.59	1.9
Heptachlor		ND		0.40	1.9
Heptachlor epoxide		ND		0.48	1.9
Methoxychlor		ND		0.38	1.9
Toxaphene		ND		11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		32 - 136
Tetrachloro-m-xylene	76		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9
Client Matrix: Solid
% Moisture: 11.0

Date Sampled: 04/22/2014 0905
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1254			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		32 - 136
Tetrachloro-m-xylene	97		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 | Date Sampled: 04/22/2014 1150
Client Matrix: Solid | % Moisture: 16.9 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.58 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1312			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		0.50	J	0.38	2.0
4,4'-DDE		1.1 J	J	0.41	2.0
4,4'-DDT		0.66 J	J	0.46	2.0
Aldrin		ND		0.48	2.0
alpha-BHC		0.74 J	J	0.35	2.0
alpha-Chlordane		ND		0.98	2.0
beta-BHC		ND		0.35	2.0
delta-BHC		~~0.68~~ 2.0	~~J~~ B U	0.37	2.0
Dieldrin		ND		0.47	2.0
Endosulfan I		ND		0.38	2.0
Endosulfan II		ND		0.35	2.0
Endosulfan sulfate		ND		0.37	2.0
Endrin		ND		0.39	2.0
Endrin aldehyde		ND		0.50	2.0
Endrin ketone		ND		0.48	2.0
gamma-BHC (Lindane)		ND		0.36	2.0
gamma-Chlordane		ND		0.63	2.0
Heptachlor		ND		0.43	2.0
Heptachlor epoxide		ND		0.51	2.0
Methoxychlor		ND		0.40	2.0
Toxaphene		ND		11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		32 - 136
Tetrachloro-m-xylene	76		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10
Client Matrix: Solid
% Moisture: 16.9

Date Sampled: 04/22/2014 1150
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.58 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1312			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		32 - 136
Tetrachloro-m-xylene	102		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1310
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.57 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1646			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		4.2	22
4,4'-DDE		ND		4.5	22
4,4'-DDT		9.9	J	5.0	22
Aldrin		ND		5.3	22
alpha-BHC		ND		3.9	22
alpha-Chlordane		ND		11	22
beta-BHC		ND		3.9	22
delta-BHC		ND		4.0	22
Dieldrin		ND		5.2	22
Endosulfan I		ND		4.1	22
Endosulfan II		ND		3.9	22
Endosulfan sulfate		ND		4.0	22
Endrin		ND		4.3	22
Endrin aldehyde		ND		5.5	22
Endrin ketone		ND		5.3	22
gamma-BHC (Lindane)		ND		4.0	22
gamma-Chlordane		ND		6.9	22
Heptachlor		ND		4.7	22
Heptachlor epoxide		ND		5.6	22
Methoxychlor		ND		4.4	22
Toxaphene		ND		130	220

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	32 - 136
Tetrachloro-m-xylene	0	X	30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1310
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.57 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1646			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X	32 - 136
Tetrachloro-m-xylene	0	X	30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14
Client Matrix: Solid
% Moisture: 17.9

Date Sampled: 04/22/2014 1300
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.59 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1703			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.39	2.0
4,4'-DDE		0.63 J	J	0.42	2.0
4,4'-DDT		1.1 J	J	0.47	2.0
Aldrin		ND		0.49	2.0
alpha-BHC		ND		0.36	2.0
alpha-Chlordane		ND		0.99	2.0
beta-BHC		ND		0.36	2.0
delta-BHC		0.46 J	J	0.37	2.0
Dieldrin		ND		0.48	2.0
Endosulfan I		ND		0.38	2.0
Endosulfan II		ND		0.36	2.0
Endosulfan sulfate		ND		0.37	2.0
Endrin		ND		0.39	2.0
Endrin aldehyde		ND		0.51	2.0
Endrin ketone		ND		0.49	2.0
gamma-BHC (Lindane)		ND		0.37	2.0
gamma-Chlordane		ND		0.63	2.0
Heptachlor		ND		0.43	2.0
Heptachlor epoxide		ND		0.51	2.0
Methoxychlor		ND		0.41	2.0
Toxaphene		ND		12	20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		32 - 136
Tetrachloro-m-xylene	73		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14
Client Matrix: Solid
% Moisture: 17.9

Date Sampled: 04/22/2014 1300
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178619	Instrument ID:	HP6890-25
Prep Method:	3550C	Prep Batch:	480-178642	Initial Weight/Volume:	+30.59 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1703			Injection Volume:	1 uL
Prep Date:	04/28/2014 0955			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		32 - 136
Tetrachloro-m-xylene	70		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 | Date Sampled: 04/22/2014 1250
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.39 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1412			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.38	2.0
4,4'-DDE		0.62	J	0.41	2.0
4,4'-DDT		0.60	J	0.46	2.0
Aldrin		ND		0.48	2.0
alpha-BHC		ND		0.35	2.0
alpha-Chlordane		ND		0.97	2.0
beta-BHC		ND		0.35	2.0
delta-BHC		~~0.67~~ 2.0	~~J~~ B U	0.36	2.0
Dieldrin		ND		0.47	2.0
Endosulfan I		ND		0.38	2.0
Endosulfan II		ND		0.35	2.0
Endosulfan sulfate		ND		0.37	2.0
Endrin		ND		0.39	2.0
Endrin aldehyde		ND		0.50	2.0
Endrin ketone		ND		0.48	2.0
gamma-BHC (Lindane)		0.61 J	J	0.36	2.0
gamma-Chlordane		ND		0.62	2.0
Heptachlor		ND		0.42	2.0
Heptachlor epoxide		ND		0.50	2.0
Methoxychlor		ND		0.40	2.0
Toxaphene		ND		11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		32 - 136
Tetrachloro-m-xylene	74		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15
Client Matrix: Solid
% Moisture: 15.9

Date Sampled: 04/22/2014 1250
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.39 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1412			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		32 - 136
Tetrachloro-m-xylene	96		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 | Date Sampled: 04/22/2014 1515
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.32 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1430			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.35	1.8
4,4'-DDE		ND		0.38	1.8
4,4'-DDT		ND		0.43	1.8
Aldrin		ND		0.45	1.8
alpha-BHC		ND		0.33	1.8
alpha-Chlordane		ND		0.91	1.8
beta-BHC		ND		0.33	1.8
delta-BHC		ND		0.34	1.8
Dieldrin		ND		0.44	1.8
Endosulfan I		ND		0.35	1.8
Endosulfan II		ND		0.33	1.8
Endosulfan sulfate		ND		0.34	1.8
Endrin		ND		0.36	1.8
Endrin aldehyde		ND		0.47	1.8
Endrin ketone		ND		0.45	1.8
gamma-BHC (Lindane)		ND		0.34	1.8
gamma-Chlordane		ND		0.58	1.8
Heptachlor		ND		0.40	1.8
Heptachlor epoxide		ND		0.47	1.8
Methoxychlor		ND		0.37	1.8
Toxaphene		ND		11	18

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	76		32 - 136
Tetrachloro-m-xylene	67		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 04/22/2014 1515
Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.32 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1430			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		32 - 136
Tetrachloro-m-xylene	84		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17 | Date Sampled: 04/22/2014 1640
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.75 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1448			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		ND		0.37	1.9
4,4'-DDE		0.84	J	0.39	1.9
4,4'-DDT		0.93	J	0.44	1.9
Aldrin		ND		0.46	1.9
alpha-BHC		ND		0.34	1.9
alpha-Chlordane		ND		0.94	1.9
beta-BHC		ND		0.34	1.9
delta-BHC		~~0.67~~ 1.9	~~J~~ B U	0.35	1.9
Dieldrin		ND		0.45	1.9
Endosulfan I		ND		0.36	1.9
Endosulfan II		ND		0.34	1.9
Endosulfan sulfate		ND		0.35	1.9
Endrin		ND		0.37	1.9
Endrin aldehyde		ND		0.48	1.9
Endrin ketone		ND		0.46	1.9
gamma-BHC (Lindane)		0.58 J	J	0.35	1.9
gamma-Chlordane		ND		0.60	1.9
Heptachlor		ND		0.41	1.9
Heptachlor epoxide		ND		0.48	1.9
Methoxychlor		ND		0.38	1.9
Toxaphene		ND		11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		32 - 136
Tetrachloro-m-xylene	78		30 - 124

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID:	480-58474-17			Date Sampled:	04/22/2014 1640
Client Matrix:	Solid	% Moisture:	13.5	Date Received:	04/23/2014 0900

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-178621	Instrument ID:	HP6890-5
Prep Method:	3550C	Prep Batch:	480-178405	Initial Weight/Volume:	+30.75 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/28/2014 1448			Injection Volume:	1 uL
Prep Date:	04/26/2014 0747			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		32 - 136
Tetrachloro-m-xylene	103		30 - 124

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1
Client Matrix: Solid
% Moisture: 26.6
Date Sampled: 04/22/2014 1000
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1733			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		64	330
PCB-1221		ND		64	330
PCB-1232		ND		64	330
PCB-1242		ND		64	330
PCB-1248		ND		64	330
PCB-1254		ND		150	330
PCB-1260		ND		150	330

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	100		47 - 176
Tetrachloro-m-xylene	97		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1
Client Matrix: Solid
% Moisture: 26.6

Date Sampled: 04/22/2014 1000
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1733			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		47 - 176
Tetrachloro-m-xylene	96		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2
Client Matrix: Solid
% Moisture: 25.7

Date Sampled: 04/22/2014 0955
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.48 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1748			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		53	270
PCB-1221		ND		53	270
PCB-1232		ND		53	270
PCB-1242		ND		53	270
PCB-1248		ND		53	270
PCB-1254		ND		130	270
PCB-1260		ND		130	270

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		47 - 176
Tetrachloro-m-xylene	97		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2
Client Matrix: Solid
% Moisture: 25.7

Date Sampled: 04/22/2014 0955
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.48 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1748			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		47 - 176
Tetrachloro-m-xylene	95		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3 | Date Sampled: 04/22/2014 0940
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.79 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1802			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		40	200
PCB-1221		ND		40	200
PCB-1232		ND		40	200
PCB-1242		ND		40	200
PCB-1248		ND		40	200
PCB-1254		ND		95	200
PCB-1260		ND		95	200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		47 - 176
Tetrachloro-m-xylene	103		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.79 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1802			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		47 - 176
Tetrachloro-m-xylene	102		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1050
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.29 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1817			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		56	290
PCB-1221		ND		56	290
PCB-1232		ND		56	290
PCB-1242		ND		56	290
PCB-1248		ND		56	290
PCB-1254		ND		130	290
PCB-1260		ND		130	290

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		47 - 176
Tetrachloro-m-xylene	98		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1050
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.29 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1817			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		47 - 176
Tetrachloro-m-xylene	96		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4

Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.32 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1832			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		53	270
PCB-1221		ND		53	270
PCB-1232		ND		53	270
PCB-1242		ND		53	270
PCB-1248		ND		53	270
PCB-1254		ND		130	270
PCB-1260		ND		130	270

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		47 - 176
Tetrachloro-m-xylene	95		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4

Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.32 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1832			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		47 - 176
Tetrachloro-m-xylene	92		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6 | Date Sampled: 04/22/2014 1030
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.72 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1847			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		40	210
PCB-1221		ND		40	210
PCB-1232		ND		40	210
PCB-1242		ND		40	210
PCB-1248		ND		40	210
PCB-1254		ND		97	210
PCB-1260		ND		97	210

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		47 - 176
Tetrachloro-m-xylene	98		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 04/22/2014 1030
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.72 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1847			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		47 - 176
Tetrachloro-m-xylene	97		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8
Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1901			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		50	250
PCB-1221		ND		50	250
PCB-1232		ND		50	250
PCB-1242		ND		50	250
PCB-1248		ND		50	250
PCB-1254		ND		120	250
PCB-1260		ND		120	250

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		47 - 176
Tetrachloro-m-xylene	97		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8

Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.34 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1901			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		47 - 176
Tetrachloro-m-xylene	95		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8

Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.40 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1916			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		47	240
PCB-1221		ND		47	240
PCB-1232		ND		47	240
PCB-1242		ND		47	240
PCB-1248		ND		47	240
PCB-1254		ND		110	240
PCB-1260		ND		110	240

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		47 - 176
Tetrachloro-m-xylene	93		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8

Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.40 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 1916			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		47 - 176
Tetrachloro-m-xylene	90		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9
Client Matrix: Solid
% Moisture: 11.0

Date Sampled: 04/22/2014 0905
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2000			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		40	200
PCB-1221		ND		40	200
PCB-1232		ND		40	200
PCB-1242		ND		40	200
PCB-1248		ND		40	200
PCB-1254		ND		95	200
PCB-1260		ND		95	200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		47 - 176
Tetrachloro-m-xylene	106		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9
Client Matrix: Solid
% Moisture: 11.0

Date Sampled: 04/22/2014 0905
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.76 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2000			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		47 - 176
Tetrachloro-m-xylene	105		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 | Date Sampled: 04/22/2014 1150
Client Matrix: Solid | % Moisture: 16.9 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.41 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2045			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		49	250
PCB-1221		ND		49	250
PCB-1232		ND		49	250
PCB-1242		ND		49	250
PCB-1248		ND		49	250
PCB-1254		ND		120	250
PCB-1260		ND		120	250

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		47 - 176
Tetrachloro-m-xylene	95		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 | Date Sampled: 04/22/2014 1150
Client Matrix: Solid | % Moisture: 16.9 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.41 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2045			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		47 - 176
Tetrachloro-m-xylene	91		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 | Date Sampled: 04/22/2014 1310
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.12 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2059			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		61	310
PCB-1221		ND		61	310
PCB-1232		ND		61	310
PCB-1242		ND		61	310
PCB-1248		ND		61	310
PCB-1254		ND		150	310
PCB-1260		ND		150	310

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		47 - 176
Tetrachloro-m-xylene	91		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1310
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.12 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2059			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		47 - 176
Tetrachloro-m-xylene	88		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14
Client Matrix: Solid
% Moisture: 17.9

Date Sampled: 04/22/2014 1300
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2114			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		52	270
PCB-1221		ND		52	270
PCB-1232		ND		52	270
PCB-1242		ND		52	270
PCB-1248		ND		52	270
PCB-1254		ND		130	270
PCB-1260		ND		130	270

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		47 - 176
Tetrachloro-m-xylene	106		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14
Client Matrix: Solid
% Moisture: 17.9

Date Sampled: 04/22/2014 1300
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2114			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		47 - 176
Tetrachloro-m-xylene	104		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 | Date Sampled: 04/22/2014 1250
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2129			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		51	260
PCB-1221		ND		51	260
PCB-1232		ND		51	260
PCB-1242		ND		51	260
PCB-1248		ND		51	260
PCB-1254		ND		120	260
PCB-1260		ND		120	260

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		47 - 176
Tetrachloro-m-xylene	107		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15
Client Matrix: Solid
% Moisture: 15.9

Date Sampled: 04/22/2014 1250
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2129			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	126		47 - 176
Tetrachloro-m-xylene	104		46 - 175

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 | Date Sampled: 04/22/2014 1515
Client Matrix: Solid | % Moisture: 9.7 | Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.54 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2144			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		43	220
PCB-1221		ND		43	220
PCB-1232		ND		43	220
PCB-1242		ND		43	220
PCB-1248		ND		43	220
PCB-1254		ND		100	220
PCB-1260		ND		100	220

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		47 - 176
Tetrachloro-m-xylene	102		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 04/22/2014 1515
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.54 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2144			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		47 - 176
Tetrachloro-m-xylene	102		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17
Client Matrix: Solid
% Moisture: 13.5
Date Sampled: 04/22/2014 1640
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.86 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2159			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		40	200
PCB-1221		ND		40	200
PCB-1232		ND		40	200
PCB-1242		ND		40	200
PCB-1248		ND		40	200
PCB-1254		ND		95	200
PCB-1260		ND		95	200

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 176
Tetrachloro-m-xylene	106		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 04/22/2014 1640
Date Received: 04/23/2014 0900

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	480-177906	Instrument ID:	HP5890-12
Prep Method:	3550C	Prep Batch:	480-177921	Initial Weight/Volume:	+2.86 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	04/24/2014 2159			Injection Volume:	1 uL
Prep Date:	04/24/2014 0801			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		47 - 176
Tetrachloro-m-xylene	106		46 - 175

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1
Client Matrix: Solid
% Moisture: 26.6
Date Sampled: 04/22/2014 1000
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1334			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		14	23
Silvex (2,4,5-TP)		ND		8.1	23

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	75		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1
Client Matrix: Solid
% Moisture: 26.6
Date Sampled: 04/22/2014 1000
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1334			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	66		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2
Client Matrix: Solid
% Moisture: 25.7
Date Sampled: 04/22/2014 0955
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.75 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1403			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		14	22
Silvex (2,4,5-TP)		ND		7.9	22

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	77		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2
Client Matrix: Solid
% Moisture: 25.7

Date Sampled: 04/22/2014 0955
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.75 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1403			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	68		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.59 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1437			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	19
Silvex (2,4,5-TP)		ND		6.7	19

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	79		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3
Client Matrix: Solid
% Moisture: 11.7

Date Sampled: 04/22/2014 0940
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.59 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1437			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	72		39 - 120

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4 | Date Sampled: 04/22/2014 1050
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.50 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1507			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		14	22
Silvex (2,4,5-TP)		ND		7.8	22

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	73		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1050
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.50 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1507			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	68		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4

Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1537			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		13	21
Silvex (2,4,5-TP)		ND		7.5	21

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	70		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5
Client Matrix: Solid
% Moisture: 20.4

Date Sampled: 04/22/2014 1040
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/05/2014 1537			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	62		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 04/22/2014 1030
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.20 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1421			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	19
Silvex (2,4,5-TP)		ND		6.7	19

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	79		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 04/22/2014 1030
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.20 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1421			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	78		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8

Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.63 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1450			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	19
Silvex (2,4,5-TP)		ND		7.0	19

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	81		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7
Client Matrix: Solid
% Moisture: 15.8

Date Sampled: 04/22/2014 0800
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.63 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1450			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	73		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8

Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1520			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	19
Silvex (2,4,5-TP)		ND		6.9	19

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	80		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8
Client Matrix: Solid
% Moisture: 13.8

Date Sampled: 04/22/2014 0815
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.28 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1520			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	71		39 - 120

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9 | Date Sampled: 04/22/2014 0905
Client Matrix: Solid | % Moisture: 11.0 | Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.84 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1550			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		11	18
Silvex (2,4,5-TP)		ND		6.6	18

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	70		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9
Client Matrix: Solid
% Moisture: 11.0

Date Sampled: 04/22/2014 0905
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.84 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1550			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	70		39 - 120

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 | Date Sampled: 04/22/2014 1150
Client Matrix: Solid | % Moisture: 16.9 | Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.16 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1619			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		13	20
Silvex (2,4,5-TP)		ND		7.2	20

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	73		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10
Client Matrix: Solid
% Moisture: 16.9
Date Sampled: 04/22/2014 1150
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.16 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1619			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	73		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13
Client Matrix: Solid
% Moisture: 24.1
Date Sampled: 04/22/2014 1310
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.29 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1649			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		14	22
Silvex (2,4,5-TP)		ND		7.8	22

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	73		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13
Client Matrix: Solid
% Moisture: 24.1

Date Sampled: 04/22/2014 1310
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.29 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1649			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	66		39 - 120

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14 | Date Sampled: 04/22/2014 1300
Client Matrix: Solid | % Moisture: 17.9 | Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.64 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1718			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		13	20
Silvex (2,4,5-TP)		ND		7.2	20

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	74		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14
Client Matrix: Solid
% Moisture: 17.9

Date Sampled: 04/22/2014 1300
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.64 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1718			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	69		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15
Client Matrix: Solid
% Moisture: 15.9
Date Sampled: 04/22/2014 1250
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.27 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1748			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	20
Silvex (2,4,5-TP)		ND		7.1	20

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	80		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15
Client Matrix: Solid
% Moisture: 15.9

Date Sampled: 04/22/2014 1250
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.27 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1748			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	78		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 04/22/2014 1515
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1818			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	18
Silvex (2,4,5-TP)		ND		6.6	18

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	79		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16
Client Matrix: Solid
% Moisture: 9.7

Date Sampled: 04/22/2014 1515
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.21 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1818			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	79		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 04/22/2014 1640
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.35 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1847			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
2,4-D		ND		12	19
Silvex (2,4,5-TP)		ND		6.9	19

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	78		39 - 120

Client: Sterling Environmental Engineering PC

Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17
Client Matrix: Solid
% Moisture: 13.5

Date Sampled: 04/22/2014 1640
Date Received: 04/23/2014 0900

8151A Herbicides (GC)

Analysis Method:	8151A	Analysis Batch:	480-179905	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-179257	Initial Weight/Volume:	+30.35 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	05/06/2014 1847			Injection Volume:	1 uL
Prep Date:	04/30/2014 1426			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	82		39 - 120

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 | Date Sampled: 04/22/2014 1000
Client Matrix: Solid | % Moisture: 26.6 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.23 g
Analysis Date:	04/28/2014 2231			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10900 JH		14.3	22.2
Antimony		0.58	J	0.42	2.2
Arsenic		3.1 J		0.47	1.1
Barium		68.6		0.55	5.5
Beryllium		0.22	J	0.022	0.55
Cadmium		0.25	J	0.074	0.55
Calcium		1560		101	332
Chromium		15.1		0.27	1.1
Cobalt		4.6 JH		0.097	1.1
Copper		11.2		0.56	2.8
Iron		12900 JH	^	12.8	22.2
Lead		38.1		0.33	1.1
Magnesium		2280 JH	B	7.1	222
Manganese		393 JH		0.54	1.1
Nickel		10.1		0.28	1.1
Potassium		630 JH	B	12.4	332
Selenium		0.81 J	J	0.66	2.8
Silver		ND		0.095	0.55
Sodium		~~53.0~~ 222	~~J~~ B U	45.9	222
Thallium		ND		0.47	2.2
Vanadium		26.0		0.11	1.1
Zinc		46.8 JH	B	0.48	2.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.58 g
Analysis Date:	04/30/2014 1630			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.12 JH		0.010	0.047

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2 | Date Sampled: 04/22/2014 0955
Client Matrix: Solid | % Moisture: 25.7 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.27 g
Analysis Date:	04/28/2014 2239			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		0.62	J	0.40	2.1
Arsenic		3.5 J		0.45	1.1
Cadmium		0.22	J	0.071	0.53
Chromium		20.3		0.25	1.1
Cobalt		6.6 JH		0.093	1.1
Copper		11.3		0.54	2.7
Iron		18300 JH	^	12.3	21.2
Lead		20.1		0.32	1.1
Manganese		502 JH		0.52	1.1
Nickel		13.5		0.27	1.1
Selenium		0.96 J	J	0.64	2.7
Silver		ND		0.091	0.53
Thallium		ND		0.45	2.1
Vanadium		32.6		0.11	1.1
Zinc		51.3 JH	B	0.46	2.1

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.27 g
Analysis Date:	04/29/2014 2147			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		18300 JH		27.4	42.4
Barium		70.6		1.1	10.6
Beryllium		0.51 JH	J	0.042	1.1
Calcium		677		193	636
Magnesium		3750 JH		13.6	424
Potassium		713 JH		23.7	636
Sodium		ND		87.8	424

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.55 g
Analysis Date:	04/30/2014 1633			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.061 JH		0.010	0.048

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3 | Date Sampled: 04/22/2014 0940
Client Matrix: Solid | % Moisture: 11.7 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.32 g
Analysis Date:	04/28/2014 2247			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		ND		0.33	1.7
Arsenic		2.2 J		0.36	0.86
Cadmium		0.15	J	0.057	0.43
Chromium		18.4		0.21	0.86
Cobalt		5.5 JH		0.075	0.86
Copper		13.9		0.44	2.1
Iron		12700 JH	^	9.9	17.2
Lead		4.2		0.26	0.86
Manganese		227 JH		0.42	0.86
Nickel		10.8		0.21	0.86
Selenium		ND UJ		0.51	2.1
Silver		ND		0.074	0.43
Thallium		ND		0.36	1.7
Vanadium		24.7		0.086	0.86
Zinc		33.2 JH	B	0.37	1.7

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.32 g
Analysis Date:	04/29/2014 2155			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10800 JH		22.1	34.3
Barium		76.5		0.86	8.6
Beryllium		0.25 JH	J	0.034	0.86
Calcium		3080		156	515
Magnesium		3790 JH		11.0	343
Potassium		2260 JH		19.2	515
Sodium		~~92.0~~ 343	~~J~~ U	71.0	343

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.58 g
Analysis Date:	04/30/2014 1635			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.048 JH		0.0083	0.039

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4 | Date Sampled: 04/22/2014 1050
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.25 g
Analysis Date:	04/28/2014 2254			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		0.52	J	0.40	2.1
Arsenic		3.4 J		0.44	1.1
Cadmium		0.24	J	0.071	0.53
Chromium		21.6		0.25	1.1
Cobalt		6.5 JH		0.093	1.1
Copper		16.8		0.54	2.6
Iron		17200 JH	^	12.2	21.1
Lead		46.2		0.32	1.1
Manganese		273 JH		0.52	1.1
Nickel		15.3		0.26	1.1
Selenium		0.82	J	0.63	2.6
Silver		0.095	J	0.091	0.53
Thallium		ND		0.44	2.1
Vanadium		40.6		0.11	1.1
Zinc		47.3 JH	B	0.45	2.1

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.25 g
Analysis Date:	04/29/2014 2202			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		16300 JH		27.2	42.2
Barium		75.4		1.1	10.5
Beryllium		0.36 JH	J	0.042	1.1
Calcium		899		192	632
Magnesium		4730 JH		13.5	422
Potassium		1540 JH		23.6	632
Sodium		ND		87.3	422

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.56 g
Analysis Date:	04/30/2014 1637			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.19 JH		0.010	0.047

Client: Sterling Environmental Engineering PC Job Number: 480-58474-1

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5 Date Sampled: 04/22/2014 1040
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.46 g
Analysis Date:	04/28/2014 2302			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		0.47	J	0.33	1.7
Arsenic		2.7 J		0.36	0.86
Cadmium		0.19	J	0.058	0.43
Chromium		21.4		0.21	0.86
Cobalt		6.5 JH		0.076	0.86
Copper		12.4		0.44	2.2
Iron		17600 JH	^	10	17.2
Lead		19.3		0.26	0.86
Manganese		344 JH		0.42	0.86
Nickel		14.5		0.22	0.86
Selenium		ND UJ		0.52	2.2
Silver		ND		0.074	0.43
Thallium		ND		0.36	1.7
Vanadium		35.1		0.086	0.86
Zinc		44.2 JH	B	0.37	1.7

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.46 g
Analysis Date:	04/29/2014 2210			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		17700 JH		22.2	34.4
Barium		78.2		0.86	8.6
Beryllium		0.46 JH	J	0.034	0.86
Calcium		742		157	516
Magnesium		3860 JH		11.0	344
Potassium		1060 JH		19.3	516
Sodium		~~73.4~~ 344	~~J~~ U	71.2	344

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.60 g
Analysis Date:	04/30/2014 1640			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.065 JH		0.0089	0.041

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6 | Date Sampled: 04/22/2014 1030
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.39 g
Analysis Date:	04/28/2014 2310			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Lead		4.6		0.24	0.81
Thallium		ND		0.34	1.6

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.39 g
Analysis Date:	04/29/2014 2218			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		14600 JH		20.8	32.2
Antimony		0.64	J	0.61	3.2
Arsenic		2.2 JH		0.68	1.6
Barium		109		0.81	8.1
Beryllium		0.32 JH	J	0.032	0.81
Cadmium		0.16	J	0.11	0.81
Calcium		1570		147	483
Chromium		24.8		0.39	1.6
Cobalt		8.7		0.14	1.6
Copper		17.6		0.82	4.0
Iron		18200 JH		18.7	32.2
Magnesium		4660 JH		10.3	322
Manganese		409 JH		0.79	1.6
Nickel		16.8 JH		0.40	1.6
Potassium		3210 JH		18.0	483
Selenium		ND		0.97	4.0
Silver		ND		0.14	0.81
Sodium		~~126~~ 322	~~J~~ U	66.7	322
Vanadium		36.5 JH		0.16	1.6
Zinc		36.5 JH	B	0.69	3.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.57 g
Analysis Date:	04/30/2014 1642			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.0084	0.039

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7 | Date Sampled: 04/22/2014 0800
Client Matrix: Solid | % Moisture: 15.8 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.34 g
Analysis Date:	04/28/2014 2341			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		ND		0.34	1.8
Arsenic		1.4 J		0.37	0.89
Cadmium		0.18	J	0.059	0.44
Chromium		15.1		0.21	0.89
Cobalt		5.2 JH		0.078	0.89
Copper		13.7		0.45	2.2
Iron		12400 JH	^	10.3	17.7
Lead		36.9		0.27	0.89
Manganese		196 JH		0.43	0.89
Nickel		10.5		0.22	0.89
Selenium		NDUJ		0.53	2.2
Silver		ND		0.076	0.44
Thallium		ND		0.37	1.8
Vanadium		22.7		0.089	0.89
Zinc		44.0 JH	B	0.38	1.8

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.34 g
Analysis Date:	04/29/2014 2233			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8440 JH		22.9	35.4
Barium		69.8		0.89	8.9
Beryllium		0.20 JH	J	0.035	0.89
Calcium		2100		161	532
Magnesium		3520 JH		11.3	354
Potassium		1930 JH		19.9	532
Sodium		~~91.0~~ 354	~~J~~ U	73.4	354

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.50 g
Analysis Date:	04/30/2014 1644			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.12 JH		0.010	0.047

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8 | Date Sampled: 04/22/2014 0815
Client Matrix: Solid | % Moisture: 13.8 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.34 g
Analysis Date:	04/28/2014 2348			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		0.52	J	0.33	1.7
Arsenic		1.7J		0.36	0.87
Cadmium		0.16	J	0.058	0.43
Chromium		20.3		0.21	0.87
Cobalt		6.7JH		0.076	0.87
Copper		14.6		0.44	2.2
Iron		15700 JH	^	10.0	17.3
Lead		48.1		0.26	0.87
Manganese		239 JH		0.42	0.87
Nickel		13.7		0.22	0.87
Selenium		NDUJ		0.52	2.2
Silver		ND		0.074	0.43
Thallium		ND		0.36	1.7
Vanadium		30.7		0.087	0.87
Zinc		42.9 JH	B	0.37	1.7

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.34 g
Analysis Date:	04/29/2014 2241			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		11800 JH		22.3	34.6
Barium		96.8		0.87	8.7
Beryllium		0.28 JH	J	0.035	0.87
Calcium		2010		158	520
Magnesium		4460 JH		11.1	346
Potassium		2960 JH		19.4	520
Sodium		~~113~~ 346	~~J~~ U	71.7	346

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.55 g
Analysis Date:	04/30/2014 1646			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.087 JH		0.0090	0.042

Client: Sterling Environmental Engineering PC Job Number: 480-58474-1

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9 Date Sampled: 04/22/2014 0905
Client Matrix: Solid % Moisture: 11.0 Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.44 g
Analysis Date:	04/28/2014 2356			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		ND		0.30	1.6
Arsenic		1.3 J		0.33	0.78
Cadmium		0.11	J	0.052	0.39
Chromium		17.8		0.19	0.78
Cobalt		6.3 JH		0.069	0.78
Copper		12.2		0.40	2.0
Iron		14500 JH	^	9.0	15.6
Lead		2.9		0.23	0.78
Manganese		238 JH		0.38	0.78
Nickel		12.6		0.20	0.78
Selenium		ND UJ		0.47	2.0
Silver		ND		0.067	0.39
Thallium		ND		0.33	1.6
Vanadium		27.4		0.078	0.78
Zinc		28.2 JH	B	0.34	1.6

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.44 g
Analysis Date:	04/29/2014 2311			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10000 JH		20.1	31.2
Barium		110		0.78	7.8
Beryllium		0.24 JH	J	0.031	0.78
Calcium		2090		142	468
Magnesium		3870JH		10	312
Potassium		3260JH		17.5	468
Sodium		~~150~~ 312	~~J~~ U	64.6	312

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	2.0			Initial Weight/Volume:	.59 g
Analysis Date:	04/30/2014 1755			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.016	0.075

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 | Date Sampled: 04/22/2014 1150
Client Matrix: Solid | % Moisture: 16.9 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.33 g
Analysis Date:	04/29/2014 0004			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		ND		0.34	1.8
Arsenic		2.9 J		0.38	0.91
Cadmium		0.22	J	0.061	0.45
Chromium		20.1		0.22	0.91
Cobalt		7.2 JH		0.080	0.91
Copper		14.5		0.46	2.3
Iron		20200 JH	^	10.5	18.1
Lead		16.5		0.27	0.91
Manganese		359 JH		0.44	0.91
Nickel		14.6		0.23	0.91
Selenium		ND UJ		0.54	2.3
Silver		0.079	J	0.078	0.45
Thallium		ND		0.38	1.8
Vanadium		29.2		0.091	0.91
Zinc		49.9 JH	B	0.39	1.8

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.33 g
Analysis Date:	04/29/2014 2319			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		14900 JH		23.3	36.2
Barium		74.4		0.91	9.1
Beryllium		0.40 JH	J	0.036	0.91
Calcium		1130		165	543
Magnesium		4160 JH		11.6	362
Potassium		1620 JH		20.3	543
Sodium		ND		74.9	362

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.60 g
Analysis Date:	04/30/2014 1655			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		~~0.035~~ 0.040	~~J~~ U	0.0085	0.040

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 | Date Sampled: 04/22/2014 1310
Client Matrix: Solid | % Moisture: 24.1 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.26 g
Analysis Date:	04/29/2014 0012			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		11200 JH		13.5	20.9
Antimony		0.61	J	0.40	2.1
Arsenic		3.1 J		0.44	1.0
Barium		86.9		0.52	5.2
Beryllium		0.23	J	0.021	0.52
Cadmium		0.48	J	0.070	0.52
Calcium		2520		95.2	314
Chromium		20.1		0.25	1.0
Cobalt		7.7 JH		0.092	1.0
Copper		38.0		0.53	2.6
Iron		17700 JH	^	12.1	20.9
Lead		102		0.31	1.0
Magnesium		3730 JH	B	6.7	209
Manganese		530 JH		0.51	1.0
Nickel		15.0		0.26	1.0
Potassium		1860 JH	B	11.7	314
Selenium		ND UJ		0.63	2.6
Silver		0.57		0.090	0.52
Sodium		~~58.3~~ 209	~~J~~ B U	43.3	209
Thallium		0.45	J	0.44	2.1
Vanadium		31.1		0.10	1.0
Zinc		86.1 JH	B	0.45	2.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.58 g
Analysis Date:	04/30/2014 1658			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.32 JH		0.0097	0.045

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14 | Date Sampled: 04/22/2014 1300
Client Matrix: Solid | % Moisture: 17.9 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.30 g
Analysis Date:	04/29/2014 0019			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7630 JH		12.1	18.7
Antimony		ND		0.36	1.9
Arsenic		1.9 J		0.39	0.94
Barium		43.5		0.47	4.7
Beryllium		0.15	J	0.019	0.47
Cadmium		0.20	J	0.063	0.47
Calcium		734		85.2	281
Chromium		13.2		0.22	0.94
Cobalt		4.6 JH		0.082	0.94
Copper		18.0		0.48	2.3
Iron		11200 JH	^	10.9	18.7
Lead		80.5		0.28	0.94
Magnesium		2260JH	B	6.0	187
Manganese		185 JH		0.46	0.94
Nickel		9.3		0.23	0.94
Potassium		1140 JH	B	10.5	281
Selenium		ND UJ		0.56	2.3
Silver		0.24	J	0.081	0.47
Sodium		ND		38.8	187
Thallium		ND		0.39	1.9
Vanadium		19.1		0.094	0.94
Zinc		41.0JH	B	0.40	1.9

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.56 g
Analysis Date:	04/30/2014 1700			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.22 JH		0.0093	0.043

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 | Date Sampled: 04/22/2014 1250
Client Matrix: Solid | % Moisture: 15.9 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.50 g
Analysis Date:	04/29/2014 0027			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		0.44	J	0.30	1.6
Arsenic		2.6 J		0.33	0.79
Cadmium		0.18	J	0.053	0.40
Chromium		20.4		0.19	0.79
Cobalt		8.0 JH		0.070	0.79
Copper		16.3		0.40	2.0
Iron		19100 JH	^	9.2	15.9
Lead		53.2		0.24	0.79
Manganese		322 JH		0.39	0.79
Nickel		15.1		0.20	0.79
Selenium		0.57 J	J	0.48	2.0
Silver		ND		0.068	0.40
Thallium		ND		0.33	1.6
Vanadium		29.6		0.079	0.79
Zinc		61.3 JH	B	0.34	1.6

Analysis Method:	6010C	Analysis Batch:	200-71449	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042914-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.50 g
Analysis Date:	04/29/2014 2326			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		15300 JH		20.5	31.7
Barium		84.7		0.79	7.9
Beryllium		0.42 JH	J	0.032	0.79
Calcium		1430		144	476
Magnesium		4890 JH		10.1	317
Potassium		1950 JH		17.8	476
Sodium		ND		65.6	317

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.58 g
Analysis Date:	04/30/2014 1702			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.13 JH		0.0087	0.041

Client: Sterling Environmental Engineering PC Job Number: 480-58474-1

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 Date Sampled: 04/22/2014 1515
Client Matrix: Solid % Moisture: 9.7 Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.37 g
Analysis Date:	04/29/2014 0035			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		0.72	J	0.31	1.6
Arsenic		1.7 J		0.34	0.81
Cadmium		0.17	J	0.054	0.40
Chromium		37.1		0.19	0.81
Cobalt		15.9 JH		0.071	0.81
Copper		28.0		0.41	2.0
Iron		30200 JH	^	9.4	16.2
Lead		5.4		0.24	0.81
Manganese		419 JH		0.40	0.81
Nickel		30.9		0.20	0.81
Selenium		ND UJ		0.48	2.0
Silver		0.12	J	0.070	0.40
Thallium		0.76	J	0.34	1.6
Vanadium		57.1		0.081	0.81
Zinc		66.8 JH	B	0.35	1.6

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	2.0			Initial Weight/Volume:	1.37 g
Analysis Date:	04/29/2014 0043			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		18900 JH		20.9	32.3
Barium		204		0.81	8.1
Beryllium		0.16	J	0.032	0.81
Calcium		1640		147	485
Magnesium		7820 JH	B	10.3	323
Potassium		9080 JH	B	18.1	485
Sodium		~~141~~ 323	~~J~~ B U	66.9	323

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.52 g
Analysis Date:	04/30/2014 1705			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		ND		0.0091	0.042

Client: Sterling Environmental Engineering PC | Job Number: 480-58474-1

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17 | Date Sampled: 04/22/2014 1640
Client Matrix: Solid | % Moisture: 13.5 | Date Received: 04/23/2014 0900

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	200-71386	Instrument ID:	METICP7
Prep Method:	3050B	Prep Batch:	200-71213	Lab File ID:	042814-01.ttx
Dilution:	1.0			Initial Weight/Volume:	1.33 g
Analysis Date:	04/29/2014 0051			Final Weight/Volume:	100 mL
Prep Date:	04/24/2014 1930				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8590 JH		11.2	17.4
Antimony		0.46 J	J	0.33	1.7
Arsenic		1.2 J		0.37	0.87
Barium		82.9		0.43	4.3
Beryllium		0.086	J	0.017	0.43
Cadmium		0.11	J	0.058	0.43
Calcium		1170 JH		79.1	261
Chromium		20.1		0.21	0.87
Cobalt		6.7 JH		0.076	0.87
Copper		12.2		0.44	2.2
Iron		14300 JH	^	10.1	17.4
Lead		4.4		0.26	0.87
Magnesium		3270 JH	B	5.6	174
Manganese		208 JH		0.43	0.87
Nickel		13.7		0.22	0.87
Potassium		2870 JH	B	9.7	261
Selenium		ND UJ		0.52	2.2
Silver		ND		0.075	0.43
Sodium		~~71.9~~ 174	~~J~~ BU	36.0	174
Thallium		ND		0.37	1.7
Vanadium		27.1		0.087	0.87
Zinc		28.8 JH	B	0.37	1.7

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	200-71522	Instrument ID:	MEPCV3 II
Prep Method:	7471B	Prep Batch:	200-71362	Lab File ID:	043014DD.PRN
Dilution:	1.0			Initial Weight/Volume:	.60 g
Analysis Date:	04/30/2014 1707			Final Weight/Volume:	100 mL
Prep Date:	04/28/2014 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		~~0.0096~~ 0.038	~~J~~ U	0.0082	0.038

General Chemistry

Client Sample ID: **SS-8A**

Lab Sample ID: 480-58474-1 Date Sampled: 04/22/2014 1000
Client Matrix: Solid % Moisture: 26.6 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.37	1.1	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0822						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.65	1.3	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1559						DryWt Corrected: Y
Prep Batch: 480-179032	Prep Date: 04/29/2014 1835						
Cr (III)	15.1	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	73		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-8B**

Lab Sample ID: 480-58474-2 Date Sampled: 04/22/2014 0955
Client Matrix: Solid % Moisture: 25.7 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.36	1.1	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0823						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	0.77	J	mg/Kg	0.63	1.3	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1600						DryWt Corrected: Y
Prep Batch: 480-179032	Prep Date: 04/29/2014 1835						
Cr (III)	20.3	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	26		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	74		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-8C**

Lab Sample ID: 480-58474-3 Date Sampled: 04/22/2014 0940
Client Matrix: Solid % Moisture: 11.7 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.35	J	mg/Kg	0.31	0.91	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0825						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.52	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1601						DryWt Corrected: Y
Prep Batch: 480-179032	Prep Date: 04/29/2014 1835						
Cr (III)	18.1	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-10A**

Lab Sample ID: 480-58474-4 Date Sampled: 04/22/2014 1050
Client Matrix: Solid % Moisture: 24.1 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.42	J	mg/Kg	0.36	1.1	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0826						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.62	1.3	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1603						DryWt Corrected: Y
Prep Batch: 480-179032	Prep Date: 04/29/2014 1835						
Cr (III)	21.2	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-10B**

Lab Sample ID: 480-58474-5 Date Sampled: 04/22/2014 1040
Client Matrix: Solid % Moisture: 20.4 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.62	J	mg/Kg	0.34	1.0	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0831						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	1.2		mg/Kg	0.60	1.2	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1721						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	20.8	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-10C**

Lab Sample ID: 480-58474-6 Date Sampled: 04/22/2014 1030
Client Matrix: Solid % Moisture: 10.7 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.51	J	mg/Kg	0.30	0.90	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0832						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.54	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1723						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	24.3	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-7A**

Lab Sample ID: 480-58474-7 Date Sampled: 04/22/2014 0800
Client Matrix: Solid % Moisture: 15.8 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.40	J	mg/Kg	0.32	0.95	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0834						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	0.58	J	mg/Kg	0.57	1.2	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1726						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	14.7	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-7B**

Lab Sample ID: 480-58474-8 Date Sampled: 04/22/2014 0815
Client Matrix: Solid % Moisture: 13.8 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.31	0.93	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0835						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	0.59	J	mg/Kg	0.54	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1728						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	20.3	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-7C**

Lab Sample ID: 480-58474-9 Date Sampled: 04/22/2014 0905
Client Matrix: Solid % Moisture: 11.0 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.54	J	mg/Kg	0.30	0.90	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0837						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.52	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1729						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	17.3	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP 1**

Lab Sample ID: 480-58474-10 Date Sampled: 04/22/2014 1150
Client Matrix: Solid % Moisture: 16.9 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.32	0.96	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0838						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.56	1.2	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1731						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	20.1	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-4A**

Lab Sample ID: 480-58474-13 Date Sampled: 04/22/2014 1310
Client Matrix: Solid % Moisture: 24.1 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.36	1.1	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0842						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	0.71	J	mg/Kg	0.63	1.3	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1732						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	20.1	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-4B**

Lab Sample ID: 480-58474-14 Date Sampled: 04/22/2014 1300
Client Matrix: Solid % Moisture: 17.9 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.33	0.97	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0843						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.58	1.2	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1733						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	13.2	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-4C**

Lab Sample ID: 480-58474-15 Date Sampled: 04/22/2014 1250
Client Matrix: Solid % Moisture: 15.9 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	ND		mg/Kg	0.32	0.95	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0845						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.54	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1738						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	20.4	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-5C**

Lab Sample ID: 480-58474-16 Date Sampled: 04/22/2014 1515
Client Matrix: Solid % Moisture: 9.7 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.35	J	mg/Kg	0.30	0.89	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0845						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.53	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1739						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	36.8	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

General Chemistry

Client Sample ID: **SS-11C**

Lab Sample ID: 480-58474-17 Date Sampled: 04/22/2014 1640
Client Matrix: Solid % Moisture: 13.5 Date Received: 04/23/2014 0900

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cr (VI)	0.78	J	mg/Kg	0.31	0.92	1.0	7196A
Analysis Batch: 240-128708	Analysis Date: 05/01/2014 0847						DryWt Corrected: Y
Prep Batch: 240-128428	Prep Date: 04/29/2014 1341						
Cyanide, Total	ND		mg/Kg	0.53	1.1	1.0	9012B
Analysis Batch: 480-179300	Analysis Date: 04/30/2014 1741						DryWt Corrected: Y
Prep Batch: 480-179219	Prep Date: 04/30/2014 0230						
Cr (III)	19.3	J	mg/Kg	0.63	1.5	1.0	SM 3500 CR D
Analysis Batch: 480-180644	Analysis Date: 05/07/2014 1138						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 480-177876	Analysis Date: 04/23/2014 2243						DryWt Corrected: N

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Lab Sample ID: CCVIS 480-178252/3 Calibration Date: 04/25/2014 12:04

Instrument ID: HP5973V Calib Start Date: 04/10/2014 11:38

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 04/10/2014 13:44

Lab File ID: V9783.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin1		0.5189	0.0100	50500	50000	1.0	50.0
N-Nitrosodimethylamine	Ave	0.7456	0.6447	0.0100	43200	50000	-13.5	25.0
Pyridine	Ave	1.299	1.069	0.0100	41100	50000	-17.7	50.0
Aniline	Ave	2.010	2.098	0.0100	52200	50000	4.4	50.0
Phenol	Ave	1.734	1.764	0.8000	50900	50000	1.7	20.0
Bis(2-chloroethyl)ether	Ave	1.270	1.306	0.7000	51400	50000	2.8	20.0
2-Chlorophenol	Ave	1.365	1.424	0.8000	52100	50000	4.3	20.0
1,3-Dichlorobenzene	Ave	1.518	1.595	0.0100	52500	50000	5.0	20.0
1,4-Dichlorobenzene	Ave	1.561	1.642	0.0100	52600	50000	5.2	20.0
Benzyl alcohol	Ave	0.8419	0.8364	0.0100	49700	50000	-0.6	50.0
1,2-Dichlorobenzene	Ave	1.474	1.557	0.0100	52800	50000	5.6	20.0
2-Methylphenol	Ave	1.166	1.210	0.7000	51900	50000	3.8	20.0
bis (2-chloroisopropyl) ether	Ave	2.320	1.680	0.0100	36200	50000	-27.6*	20.0
Acetophenone	Ave	1.771	1.933	0.0100	54600	50000	9.2	40.0
N-Nitrosodi-n-propylamine	Ave	0.9570	1.000	0.5000	52200	50000	4.5	20.0
4-Methylphenol	Ave	1.234	1.273	0.6000	51600	50000	3.2	20.0
Hexachloroethane	Ave	0.5669	0.6141	0.3000	54200	50000	8.3	20.0
Nitrobenzene	Ave	0.3401	0.3704	0.2000	54500	50000	8.9	20.0
Isophorone	Ave	0.5798	0.6389	0.4000	55100	50000	10.2	20.0
2-Nitrophenol	Ave	0.1906	0.2144	0.1000	56200	50000	12.5	20.0
2,4-Dimethylphenol	Ave	0.3302	0.3748	0.2000	56700	50000	13.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.3660	0.3953	0.3000	54000	50000	8.0	20.0
2,4-Dichlorophenol	Ave	0.2865	0.3209	0.2000	56000	50000	12.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3142	0.3564	0.0100	56700	50000	13.5	20.0
Naphthalene	Ave	0.9708	1.054	0.7000	54300	50000	8.6	20.0
4-Chloroaniline	Ave	0.4074	0.4425	0.0100	54300	50000	8.6	20.0
Hexachlorobutadiene	Ave	0.1877	0.2237	0.0100	59600	50000	19.2	20.0
4-Chloro-3-methylphenol	Ave	0.2831	0.3247	0.2000	57300	50000	14.7	20.0
2-Methylnaphthalene	Ave	0.6766	0.7499	0.4000	55400	50000	10.8	20.0
Hexachlorocyclopentadiene	Ave	0.2979	0.3340	0.0500	56100	50000	12.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5248	0.6213	0.0100	59200	50000	18.4	40.0
2,4,6-Trichlorophenol	Ave	0.3374	0.3840	0.2000	56900	50000	13.8	20.0
2,4,5-Trichlorophenol	Ave	0.3610	0.4033	0.2000	55900	50000	11.7	20.0
Biphenyl	Ave	1.461	1.587	0.0100	54300	50000	8.6	40.0
2-Chloronaphthalene	Ave	1.093	1.182	0.8000	54100	50000	8.2	25.0
2-Nitroaniline	Ave	0.3420	0.3686	0.0100	53900	50000	7.8	20.0
Dimethyl phthalate	Ave	1.279	1.400	0.0100	54700	50000	9.4	20.0
1,3-Dinitrobenzene	Ave	0.1308	0.1451	0.0100	55500	50000	11.0	50.0
2,6-Dinitrotoluene	Ave	0.3033	0.3324	0.2000	54800	50000	9.6	25.0
Acenaphthylene	Ave	1.650	1.788	0.9000	54200	50000	8.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Lab Sample ID: CCV 480-178252/5 Calibration Date: 04/25/2014 14:09

Instrument ID: HP5973V Calib Start Date: 04/11/2014 05:13

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 04/11/2014 07:14

Lab File ID: V9811.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.5195	0.9743	0.0100	93800	50000	87.5*	40.0
Benzoic acid	Lin1		0.2653	0.0100	199000	200000	-0.7	25.0
Caprolactam	Ave	0.1069	0.1122	0.0100	52500	50000	5.0	40.0
N-Nitrosodiphenylamine	Ave	0.5168	0.5309	0.0100	51400	50000	2.7	20.0
Atrazine	Ave	0.3876	0.4177	0.0100	53900	50000	7.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Lab Sample ID: CCVIS 480-178336/3 Calibration Date: 04/26/2014 02:27

Instrument ID: HP5973V Calib Start Date: 04/10/2014 11:38

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 04/10/2014 13:44

Lab File ID: V9813.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin1		0.5438	0.0100	53200	50000	6.4	50.0
N-Nitrosodimethylamine	Ave	0.7456	0.6572	0.0100	44100	50000	-11.9	25.0
Pyridine	Ave	1.299	1.090	0.0100	42000	50000	-16.0	50.0
Phenol	Ave	1.734	1.808	0.8000	52100	50000	4.3	20.0
Aniline	Ave	2.010	2.121	0.0100	52800	50000	5.5	50.0
Bis(2-chloroethyl)ether	Ave	1.270	1.313	0.7000	51700	50000	3.3	20.0
2-Chlorophenol	Ave	1.365	1.468	0.8000	53700	50000	7.5	20.0
1,3-Dichlorobenzene	Ave	1.518	1.670	0.0100	55000	50000	10.0	20.0
1,4-Dichlorobenzene	Ave	1.561	1.684	0.0100	53900	50000	7.9	20.0
Benzyl alcohol	Ave	0.8419	0.8985	0.0100	53400	50000	6.7	50.0
1,2-Dichlorobenzene	Ave	1.474	1.583	0.0100	53700	50000	7.4	20.0
2-Methylphenol	Ave	1.166	1.228	0.7000	52700	50000	5.4	20.0
bis (2-chloroisopropyl) ether	Ave	2.320	1.728	0.0100	37200	50000	-25.5*	20.0
Acetophenone	Ave	1.771	1.903	0.0100	53700	50000	7.5	40.0
N-Nitrosodi-n-propylamine	Ave	0.9570	0.9502	0.5000	49600	50000	-0.7	20.0
4-Methylphenol	Ave	1.234	1.338	0.6000	54200	50000	8.4	20.0
Hexachloroethane	Ave	0.5669	0.6341	0.3000	55900	50000	11.9	20.0
Nitrobenzene	Ave	0.3401	0.3768	0.2000	55400	50000	10.8	20.0
Isophorone	Ave	0.5798	0.6174	0.4000	53200	50000	6.5	20.0
2-Nitrophenol	Ave	0.1906	0.2089	0.1000	54800	50000	9.6	20.0
2,4-Dimethylphenol	Ave	0.3302	0.3560	0.2000	53900	50000	7.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3660	0.3891	0.3000	53200	50000	6.3	20.0
2,4-Dichlorophenol	Ave	0.2865	0.3096	0.2000	54000	50000	8.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3142	0.3384	0.0100	53900	50000	7.7	20.0
Naphthalene	Ave	0.9708	1.053	0.7000	54300	50000	8.5	20.0
4-Chloroaniline	Ave	0.4074	0.4400	0.0100	54000	50000	8.0	20.0
Hexachlorobutadiene	Ave	0.1877	0.2144	0.0100	57100	50000	14.2	20.0
4-Chloro-3-methylphenol	Ave	0.2831	0.3157	0.2000	55800	50000	11.5	20.0
2-Methylnaphthalene	Ave	0.6766	0.7252	0.4000	53600	50000	7.2	20.0
Hexachlorocyclopentadiene	Ave	0.2979	0.3385	0.0500	56800	50000	13.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5248	0.6331	0.0100	60300	50000	20.6	40.0
2,4,6-Trichlorophenol	Ave	0.3374	0.3893	0.2000	57700	50000	15.4	20.0
2,4,5-Trichlorophenol	Ave	0.3610	0.4234	0.2000	58600	50000	17.3	20.0
Biphenyl	Ave	1.461	1.638	0.0100	56100	50000	12.1	40.0
2-Chloronaphthalene	Ave	1.093	1.202	0.8000	55000	50000	10.0	25.0
2-Nitroaniline	Ave	0.3420	0.3824	0.0100	55900	50000	11.8	20.0
Dimethyl phthalate	Ave	1.279	1.416	0.0100	55400	50000	10.7	20.0
1,3-Dinitrobenzene	Ave	0.1308	0.1417	0.0100	54200	50000	8.3	50.0
2,6-Dinitrotoluene	Ave	0.3033	0.3385	0.2000	55800	50000	11.6	25.0
Acenaphthylene	Ave	1.650	1.838	0.9000	55700	50000	11.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Lab Sample ID: CCV 480-178336/5 Calibration Date: 04/26/2014 03:17

Instrument ID: HP5973V Calib Start Date: 04/11/2014 05:13

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 04/11/2014 07:14

Lab File ID: V9815.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.5195	1.012	0.0100	97400	50000	94.7*	40.0
Benzoic acid	Lin1		0.2570	0.0100	193000	200000	-3.6	25.0
Caprolactam	Ave	0.1069	0.1103	0.0100	51600	50000	3.2	40.0
N-Nitrosodiphenylamine	Ave	0.5168	0.5257	0.0100	50900	50000	1.7	20.0
Atrazine	Ave	0.3876	0.3976	0.0100	51300	50000	2.6	25.0

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-8A Lab Sample ID: 480-58474-1

Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25

Date Analyzed (1): 04/28/2014 15:35 Date Analyzed (2): 04/28/2014 15:35

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		4.22	4.18	4.28	2.6		45.5
	2		5.11	5.04	5.14	4.2		
4,4'-DDT	1		5.11	5.07	5.17	5.2		16.0
	2		6.02	5.98	6.08	6.2		
Methoxychlor	1		5.64	5.59	5.69	4.0		105.3
	2		6.69	6.68	6.78	13		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-8B Lab Sample ID: 480-58474-2

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 11:44 Date Analyzed (2): 04/28/2014 11:44

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		2.82	2.77	2.83	0.82		29.5
	2		3.44	3.42	3.48	0.61		
4,4'-DDE	1		4.09	4.04	4.10	1.0		38.2
	2		4.93	4.91	4.97	1.5		
4,4'-DDT	1		4.98	4.93	4.99	0.80		43.8
	2		5.84	5.81	5.87	1.3		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-10A Lab Sample ID: 480-58474-4

Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25

Date Analyzed (1): 04/28/2014 15:53 Date Analyzed (2): 04/28/2014 15:53

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		2.93	2.87	2.97	2.5		39.4
	2		3.55	3.52	3.62	3.7		
4,4'-DDE	1		4.22	4.18	4.28	5.2		20.2
	2		5.09	5.04	5.14	6.3		
4,4'-DDT	1		5.11	5.07	5.17	6.6		16.7
	2		6.02	5.98	6.08	7.8		
Methoxychlor	1		5.63	5.59	5.69	3.6		149.8
	2		6.69	6.68	6.78	25		
Endrin ketone	1		6.11	6.05	6.15	6.9		88.9
	2		6.98	6.91	7.01	2.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-10B Lab Sample ID: 480-58474-5

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 12:19 Date Analyzed (2): 04/28/2014 12:19

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		2.81	2.77	2.83	0.80		22.0
	2		3.44	3.42	3.48	0.64		
4,4'-DDT	1		4.97	4.93	4.99	0.93		43.7
	2		5.84	5.81	5.87	1.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-10C Lab Sample ID: 480-58474-6

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 12:37 Date Analyzed (2): 04/28/2014 12:37

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		2.66	2.58	2.64	0.57		42.3
	2		3.10	3.09	3.15	0.37		
delta-BHC	1		2.82	2.77	2.83	0.61		5.1
	2		3.44	3.42	3.48	0.64		
4,4'-DDE	1		4.12	4.04	4.10	0.70		18.2
	2		4.93	4.91	4.97	0.58		
4,4'-DDD	1		4.73	4.64	4.70	0.50		12.4
	2		5.52	5.49	5.55	0.44		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-7B Lab Sample ID: 480-58474-8

Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25

Date Analyzed (1): 04/28/2014 16:28 Date Analyzed (2): 04/28/2014 16:28

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		4.24	4.18	4.28	0.49		48.7
	2		5.10	5.04	5.14	0.81		
4,4'-DDT	1		5.10	5.07	5.17	0.97		30.3
	2		6.02	5.98	6.08	1.3		
Methoxychlor	1		5.62	5.59	5.69	0.64		102.9
	2		6.68	6.68	6.78	2.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: DUP 1 Lab Sample ID: 480-58474-10

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 13:12 Date Analyzed (2): 04/28/2014 13:12

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.39	2.36	2.42	0.74		52.9
	2		2.80	2.79	2.85	0.43		
delta-BHC	1		2.82	2.77	2.83	0.68		28.0
	2		3.44	3.42	3.48	0.51		
4,4'-DDE	1		4.09	4.04	4.10	1.1		26.2
	2		4.93	4.91	4.97	1.5		
4,4'-DDD	1		4.73	4.64	4.70	0.50		6.1
	2		5.52	5.49	5.55	0.47		
4,4'-DDT	1		4.98	4.93	4.99	0.66		33.3
	2		5.84	5.81	5.87	0.92		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-4B Lab Sample ID: 480-58474-14

Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25

Date Analyzed (1): 04/28/2014 17:03 Date Analyzed (2): 04/28/2014 17:03

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		2.92	2.87	2.97	0.46		25.7
	2		3.59	3.52	3.62	0.60		
4,4'-DDE	1		4.21	4.18	4.28	0.63		46.4
	2		5.08	5.04	5.14	1.0		
4,4'-DDT	1		5.10	5.07	5.17	1.1		36.8
	2		6.02	5.98	6.08	1.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-4C Lab Sample ID: 480-58474-15

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 14:12 Date Analyzed (2): 04/28/2014 14:12

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		2.63	2.58	2.64	0.61		34.5
	2		3.10	3.09	3.15	0.43		
delta-BHC	1		2.82	2.77	2.83	0.67		23.2
	2		3.45	3.42	3.48	0.53		
4,4'-DDE	1		4.10	4.04	4.10	0.62		6.2
	2		4.94	4.91	4.97	0.58		
4,4'-DDT	1		5.01	4.93	4.99	0.60		2.3
	2		5.84	5.81	5.87	0.61		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: SS-11C Lab Sample ID: 480-58474-17

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 14:48 Date Analyzed (2): 04/28/2014 14:48

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		2.65	2.58	2.64	0.58		40.8
	2		3.10	3.09	3.15	0.38		
delta-BHC	1		2.82	2.77	2.83	0.67		23.3
	2		3.44	3.42	3.48	0.53		
4,4'-DDE	1		4.09	4.04	4.10	0.84		2.7
	2		4.93	4.91	4.97	0.82		
4,4'-DDT	1		4.98	4.93	4.99	0.93		17.6
	2		5.84	5.81	5.87	1.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-178405/1-A

Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5

Date Analyzed (1): 04/28/2014 10:34 Date Analyzed (2): 04/28/2014 10:34

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		2.80	2.77	2.83	0.576		47.3
	2		3.44	3.42	3.48	0.355		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Buffalo Job No.: 480-58474-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 480-178642/1-A

Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25

Date Analyzed (1): 04/28/2014 14:59 Date Analyzed (2): 04/28/2014 14:59

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endrin aldehyde	1		5.42	5.33	5.43	0.462		39.2
	2		6.18	6.09	6.19	0.687		
Methoxychlor	1		5.67	5.59	5.69	0.596		69.5
	2		6.70	6.68	6.78	1.23		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-58474-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-178405/1-A

Matrix: Solid | Lab File ID: 5__9103.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3550C | Date Extracted: 04/26/2014 07:47

Sample wt/vol: +30.21(g) | Date Analyzed: 04/28/2014 10:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 178621 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		1.7	0.32
72-55-9	4,4'-DDE	ND		1.7	0.35
50-29-3	4,4'-DDT	ND		1.7	0.39
309-00-2	Aldrin	ND		1.7	0.41
319-84-6	alpha-BHC	ND		1.7	0.30
5103-71-9	alpha-Chlordane	ND		1.7	0.82
319-85-7	beta-BHC	ND		1.7	0.30
319-86-8	delta-BHC	0.576	J	1.7	0.31
60-57-1	Dieldrin	ND		1.7	0.40
959-98-8	Endosulfan I	ND		1.7	0.32
33213-65-9	Endosulfan II	ND		1.7	0.30
1031-07-8	Endosulfan sulfate	ND		1.7	0.31
72-20-8	Endrin	ND		1.7	0.33
7421-93-4	Endrin aldehyde	ND		1.7	0.42
53494-70-5	Endrin ketone	ND		1.7	0.41
58-89-9	gamma-BHC (Lindane)	ND		1.7	0.30
5103-74-2	gamma-Chlordane	ND		1.7	0.53
76-44-8	Heptachlor	ND		1.7	0.36
1024-57-3	Heptachlor epoxide	ND		1.7	0.43
72-43-5	Methoxychlor	ND		1.7	0.34
8001-35-2	Toxaphene	ND		17	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		32-136
877-09-8	Tetrachloro-m-xylene	77		30-124

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-58474-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 480-178642/1-A

Matrix: Solid | Lab File ID: 25_73008.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3550C | Date Extracted: 04/28/2014 09:55

Sample wt/vol: +30.21(g) | Date Analyzed: 04/28/2014 14:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: RTX-CLPI ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 178619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		1.7	0.32
72-55-9	4,4'-DDE	ND		1.7	0.35
50-29-3	4,4'-DDT	ND		1.7	0.39
309-00-2	Aldrin	ND		1.7	0.41
319-84-6	alpha-BHC	ND		1.7	0.30
5103-71-9	alpha-Chlordane	ND		1.7	0.82
319-85-7	beta-BHC	ND		1.7	0.30
319-86-8	delta-BHC	ND		1.7	0.31
60-57-1	Dieldrin	ND		1.7	0.40
959-98-8	Endosulfan I	ND		1.7	0.32
33213-65-9	Endosulfan II	ND		1.7	0.30
1031-07-8	Endosulfan sulfate	ND		1.7	0.31
72-20-8	Endrin	ND		1.7	0.33
7421-93-4	Endrin aldehyde	0.462	J	1.7	0.42
53494-70-5	Endrin ketone	ND		1.7	0.41
58-89-9	gamma-BHC (Lindane)	ND		1.7	0.30
5103-74-2	gamma-Chlordane	ND		1.7	0.53
76-44-8	Heptachlor	ND		1.7	0.36
1024-57-3	Heptachlor epoxide	ND		1.7	0.43
72-43-5	Methoxychlor	0.596	J	1.7	0.34
8001-35-2	Toxaphene	ND		17	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		32-136
877-09-8	Tetrachloro-m-xylene	79		30-124

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

ICV Source: MELLCCV6010LR_00007 Concentration Units: ug/L

CCV Source: MELLCCV6010LR_00007

Analyte	ICVL 200-71386/8 04/28/2014 13:13				CCVL 200-71386/74 04/28/2014 21:44				CCVL 200-71386/87 04/28/2014 23:25			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	225.8		200	113	219.4		200	110	256.4		200	128
Antimony	19.05	J	20.0	95	18.65	J	20.0	93	20.07		20.0	100
Arsenic	9.28	J	10.0	93	8.02	J	10.0	80	9.79	J	10.0	98
Barium	54.32		50.0	109	50.89		50.0	102	49.65	J	50.0	99
Beryllium	5.13		5.00	103	5.17		5.00	103	5.27		5.00	105
Cadmium	4.86	J	5.00	97	5.12		5.00	102	5.21		5.00	104
Calcium	3077		3000	103	3066		3000	102	3065		3000	102
Chromium	10.01		10.0	100	10.23		10.0	102	10.21		10.0	102
Cobalt	10.54		10.0	105	10.91		10.0	109	11.22		10.0	112
Copper	23.85	J	25.0	95	24.14	J	25.0	97	25.00		25.0	100
Iron	208.8		200	104	310.4		200	155	262.4		200	131
Lead	9.85	J	10.0	99	10.34		10.0	103	10.43		10.0	104
Magnesium	2025		2000	101	2059		2000	103	2007		2000	100
Manganese	10.45		10.0	105	11.23		10.0	112	11.86		10.0	119
Nickel	10.52		10.0	105	10.38		10.0	104	10.49		10.0	105
Potassium	3165		3000	106	3144		3000	105	3255		3000	108
Selenium	24.67	J	25.0	99	23.08	J	25.0	92	22.15	J	25.0	89
Silver	5.06		5.00	101	5.01		5.00	100	5.01		5.00	100
Sodium	2024		2000	101	2534		2000	127	2161		2000	108
Thallium	20.69		20.0	103	21.42		20.0	107	21.79		20.0	109
Vanadium	10.42		10.0	104	10.34		10.0	103	11.02		10.0	110
Zinc	20.37		20.0	102	20.96		20.0	105	21.09		20.0	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

ICV Source: MELLCCV6010LR_00007 Concentration Units: ug/L

CCV Source: MELLCCV6010LR_00007

Analyte	CCVL 200-71386/100 04/29/2014 01:06				CCVL 200-71386/113 04/29/2014 02:47							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	214.4		200	107	225.1		200	113				
Antimony	19.91	J	20.0	100	19.86	J	20.0	99				
Arsenic	7.78	J	10.0	78	8.97	J	10.0	90				
Barium	52.24		50.0	104	51.30		50.0	103				
Beryllium	5.15		5.00	103	5.15		5.00	103				
Cadmium	5.17		5.00	103	5.13		5.00	103				
Calcium	3063		3000	102	3093		3000	103				
Chromium	10.27		10.0	103	10.10		10.0	101				
Cobalt	10.75		10.0	107	10.99		10.0	110				
Copper	25.22		25.0	101	24.97	J	25.0	100				
Iron	259.6		200	130	244.4		200	122				
Lead	10.22		10.0	102	10.69		10.0	107				
Magnesium	1982	J	2000	99	2022		2000	101				
Manganese	10.95		10.0	110	11.42		10.0	114				
Nickel	10.18		10.0	102	10.71		10.0	107				
Potassium	3209		3000	107	3323		3000	111				
Selenium	24.40	J	25.0	98	22.82	J	25.0	91				
Silver	4.99	J	5.00	100	5.00		5.00	100				
Sodium	2130		2000	106	2199		2000	110				
Thallium	20.78		20.0	104	20.96		20.0	105				
Vanadium	10.30		10.0	103	10.38		10.0	104				
Zinc	20.60		20.0	103	22.96		20.0	115				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

ICV Source: MELLCCV6010LR_00007 Concentration Units: ug/L

CCV Source: MELLCCV6010LR_00007

Analyte	ICVL 200-71449/8 04/29/2014 18:56				CCVL 200-71449/26 04/29/2014 21:17				CCVL 200-71449/39 04/29/2014 22:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	224.8		200	112	248.3		200	124	251.9		200	126
Antimony	20.11		20.0	101	19.57	J	20.0	98	19.14	J	20.0	96
Arsenic	10.97		10.0	110	11.85		10.0	118	11.95		10.0	119
Barium	51.11		50.0	102	50.25		50.0	100	52.60		50.0	105
Beryllium	5.50		5.00	110	5.84		5.00	117	5.71		5.00	114
Cadmium	5.02		5.00	100	5.01		5.00	100	5.07		5.00	101
Calcium	3173		3000	106	3175		3000	106	3229		3000	108
Chromium	10.36		10.0	104	10.36		10.0	104	10.45		10.0	105
Cobalt	10.58		10.0	106	10.95		10.0	109	10.84		10.0	108
Copper	24.55	J	25.0	98	25.03		25.0	100	25.55		25.0	102
Iron	211.7		200	106	232.0		200	116	233.3		200	117
Magnesium	2120		2000	106	2119		2000	106	2174		2000	109
Manganese	11.20		10.0	112	11.60		10.0	116	11.65		10.0	117
Nickel	10.91		10.0	109	11.91		10.0	119	11.49		10.0	115
Potassium	3082		3000	103	3083		3000	103	3170		3000	106
Selenium	25.80		25.0	103	24.08	J	25.0	96	24.49	J	25.0	98
Silver	5.16		5.00	103	5.01		5.00	100	4.85	J	5.00	97
Sodium	2122		2000	106	2172		2000	109	2196		2000	110
Vanadium	10.36		10.0	104	11.37		10.0	114	10.96		10.0	110
Zinc	21.29		20.0	106	21.78		20.0	109	21.86		20.0	109

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

ICV Source: MELLCCV6010LR_00007 Concentration Units: ug/L

CCV Source: MELLCCV6010LR_00007

Analyte	CCVL 200-71449/52 04/30/2014 00:36											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	258.2		200	129								
Antimony												
Arsenic												
Barium	49.82	J	50.0	100								
Beryllium	5.97		5.00	119								
Cadmium												
Calcium	3231		3000	108								
Chromium												
Cobalt												
Copper												
Iron												
Magnesium	2172		2000	109								
Manganese												
Nickel												
Potassium	3177		3000	106								
Selenium												
Silver												
Sodium	2208		2000	110								
Vanadium												
Zinc												

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICBIS 200-71386/9 04/28/2014 13:20		CCB 200-71386/14 04/28/2014 13:59		CCB 200-71386/75 04/28/2014 21:52		CCB 200-71386/88 04/28/2014 23:33	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	ND		ND		ND		ND	
Antimony	20.0	ND		ND		ND		ND	
Arsenic	10.0	ND		ND		ND		ND	
Barium	50.0	ND		ND		ND		ND	
Beryllium	5.0	ND		ND		ND		ND	
Cadmium	5.0	ND		ND		ND		ND	
Calcium	3000	ND		ND		ND		ND	
Chromium	10.0	ND		ND		ND		ND	
Cobalt	10.0	ND		ND		ND		ND	
Copper	25.0	ND		ND		ND		ND	
Iron	200	ND		ND		62.74	J	ND	
Lead	10.0	ND		ND		ND		ND	
Magnesium	2000	ND		ND		ND		ND	
Manganese	10.0	ND		ND		ND		ND	
Nickel	10.0	ND		ND		ND		ND	
Potassium	3000	ND		ND		ND		143.1	J
Selenium	25.0	ND		ND		ND		ND	
Silver	5.0	ND		ND		ND		ND	
Sodium	2000	ND		ND		111.5	J	ND	
Thallium	20.0	ND		ND		ND		ND	
Vanadium	10.0	ND		ND		ND		ND	
Zinc	20.0	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 200-71386/101 04/29/2014 01:14		CCB 200-71386/114 04/29/2014 02:55					
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	ND		ND					
Antimony	20.0	ND		ND					
Arsenic	10.0	ND		ND					
Barium	50.0	ND		ND					
Beryllium	5.0	ND		ND					
Cadmium	5.0	ND		ND					
Calcium	3000	ND		ND					
Chromium	10.0	ND		ND					
Cobalt	10.0	ND		ND					
Copper	25.0	ND		ND					
Iron	200	ND		91.89	J				
Lead	10.0	ND		ND					
Magnesium	2000	ND		ND					
Manganese	10.0	ND		ND					
Nickel	10.0	ND		ND					
Potassium	3000	183.7	J	124.6	J				
Selenium	25.0	ND		ND					
Silver	5.0	ND		ND					
Sodium	2000	ND		ND					
Thallium	20.0	ND		ND					
Vanadium	10.0	ND		ND					
Zinc	20.0	ND		ND					

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 200-71362/8-A 04/30/2014 16:19		CCB 200-71362/9-A 04/30/2014 16:24		CCB 200-71362/9-A 04/30/2014 16:51		CCB 200-71362/9-A 04/30/2014 17:19	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	ND		0.0560	J	ND		0.0410	J

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Burlington Job No.: 480-58474-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 200-71213/1-A

Instrument Code: METICP7 Batch No.: 71386

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010C
7440-36-0	Antimony	ND			6010C
7440-38-2	Arsenic	ND			6010C
7440-39-3	Barium	ND			6010C
7440-41-7	Beryllium	ND			6010C
7440-43-9	Cadmium	ND			6010C
7440-70-2	Calcium	ND			6010C
7440-47-3	Chromium	ND			6010C
7440-48-4	Cobalt	ND			6010C
7440-50-8	Copper	ND			6010C
7439-89-6	Iron	ND		^	6010C
7439-92-1	Lead	ND			6010C
7439-95-4	Magnesium	18.83	J		6010C
7439-96-5	Manganese	ND			6010C
7440-02-0	Nickel	ND			6010C
7440-09-7	Potassium	28.31	J		6010C
7782-49-2	Selenium	ND			6010C
7440-22-4	Silver	ND			6010C
7440-23-5	Sodium	207.6			6010C
7440-28-0	Thallium	ND			6010C
7440-62-2	Vanadium	ND			6010C
7440-66-6	Zinc	1.34	J		6010C

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SS-11C MS
Lab ID: 480-58474-17 MS
Lab Name: TestAmerica Burlington
Job No.: 480-58474-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 86.5

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	12760		8590		161	2602	80-120	4	6010C
Antimony	17.96		0.46	J	40.1	44	80-120	F1	6010C
Arsenic	15.59		1.2		19.3	75	80-120	F1	6010C
Barium	272.2		82.9		161	118	80-120		6010C
Beryllium	4.01		0.086	J	4.01	98	80-120		6010C
Cadmium	15.56		0.11	J	20.1	77	80-120	F1	6010C
Calcium	3322		1170		1610	134	80-120	F1	6010C
Chromium	37.51		20.1		16.1	108	80-120		6010C
Cobalt	40.94		6.7		40.1	85	80-120		6010C
Copper	30.81		12.2		20.1	93	80-120		6010C
Iron	17440		14300		80.3	3943	80-120	4	6010C
Lead	31.69		4.4		33.7	81	80-120		6010C
Magnesium	6525		3270		1610	203	80-120	F1	6010C
Manganese	291.6		208		40.1	207	80-120	4	6010C
Nickel	49.39		13.7		40.1	89	80-120		6010C
Potassium	5966		2870		1610	193	80-120	F1	6010C
Selenium	15.64		ND		20.1	78	80-120	F1	6010C
Silver	16.19		ND		20.1	81	80-120		6010C
Sodium	1570		71.9	J	1610	93	80-120		6010C
Thallium	16.97		ND		20.1	85	80-120		6010C
Vanadium	67.44		27.1		40.1	101	80-120		6010C
Zinc	68.52		28.8		40.1	99	80-120		6010C
Mercury	0.480		0.0096	J	0.498	94	80-120		7471B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: SS-11C DU | Lab ID: 480-58474-17 DU

Lab Name: TestAmerica Burlington | Job No.: 480-58474-1

SDG No.:

% Solids for Sample: 86.5 | % Solids for Duplicate: 86.5

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	16.2	8590		8399		2		6010C
Antimony	1.6	0.46	J	0.325	J	34		6010C
Arsenic	0.81	1.2		1.31		10		6010C
Barium	4.0	82.9		78.03		6		6010C
Beryllium	0.40	0.086	J	0.0789	J	8		6010C
Cadmium	0.40	0.11	J	0.121	J	10		6010C
Calcium	242	1170		1075		9		6010C
Chromium	0.81	20.1		18.17		10		6010C
Cobalt	0.81	6.7		6.08		10		6010C
Copper	2.0	12.2		11.00		10		6010C
Iron	16.2	14300		13050		9		6010C
Lead	0.81	4.4		4.75		8		6010C
Magnesium	162	3270		3051		7		6010C
Manganese	0.81	208		192.7		8		6010C
Nickel	0.81	13.7		13.16		4		6010C
Potassium	242	2870		2488		14		6010C
Selenium	2.0	ND		ND		NC		6010C
Silver	0.40	ND		ND		NC		6010C
Sodium	162	71.9	J	73.02	J	2		6010C
Thallium	1.6	ND		ND		NC		6010C
Vanadium	0.81	27.1		25.12		7		6010C
Zinc	1.6	28.8		27.10		6		6010C
Mercury	0.038	0.0096	J	ND		NC		7471B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN