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December 18, 2013

Reference No. 007830-2013-40
Submitted via e-mail

Mr. Randy Hough
New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor
Albany, NY 12233-7016

Dear Mr. Hough:

Re: Summary of Surface Water, Sediment and Groundwater Sampling Activities – September 2013
Sterling Drug Site 3, Site Number 442011
East Greenbush, New York

On behalf of NPEC Inc., enclosed please find a memorandum summarizing the results of surface water, sediment and groundwater sampling conducted in September 2013 at Sterling Drug Site 3 (Site) in East Greenbush, New York. The sampling was conducted to satisfy requirements of the Site Record of Decision dated March 2002. Sampling was performed consistent with the methodology for supplemental sampling of surface water, sediment and groundwater that was performed in October 2011.

If you have any questions regarding this information, please contact Mr. Steven DiLella at (585) 477-1014.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Michael A. Okamoto

MO/kf/24
Encl.

cc: M. Komoroske (NYSDEC) (via e-mail)
S. DiLella (Quantum Management Group) (via e-mail)
B. Gallagher (NPEC) (via e-mail)

CONESTOGA-ROVERS & ASSOCIATES

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DRAFT MEMORANDUM

TO:	Steven DiLella	REF. NO.:	007830-2013-40
FROM:	Michael A. Okamoto/kf/54	DATE:	December 18, 2013
CC:	Ian K. Richardson		
RE:	**Summary of Surface Water, Sediment and Groundwater Sampling Activities - September 2013 Sterling Site 3, East Greenbush, New York**		

This memorandum summarizes surface water, sediment and groundwater sampling activities that were completed in September 2013 at Sterling Site 3, East Greenbush, New York (Site).

Background

Conestoga-Rovers & Associates (CRA) performed a sampling event at the Site that included the collection of surface water samples and sediment samples from Papscanee Creek, and groundwater samples from wells in the vicinity of Papscanee Creek in September 2013. The sampling was performed after construction of the impermeable cover over OU-1, to satisfy requirements of the Record of Decision, dated March 2002. The sampling methodology was similar to the methodology used for supplemental sampling that was performed in October 2011 to assess potential Site impacts from the Hurricane Irene storm event of August 28-29, 2011.

Surface Water Sampling Activities

Surface water samples were collected on September 19-20, 2013 from four locations in Papscanee Creek as presented on Figure 1, including two locations (S1C and S2C) adjacent to the Site, one upgradient location (S4C that is located approximately 400 feet [ft.] north of the Site) and one downgradient location (S3C that is located approximately 200 ft. south of the gravel access road). The surface water samples were collected in the middle of the creek, half way between the creek bottom and the water surface (i.e., in the middle of the creek cross-section) using a horizontal water sampler. Sampling began downstream, working upstream, and surface water samples were collected prior to collecting sediment samples. Decontamination procedures for the horizontal water sampler included washing with an isopropyl alcohol solution and water, rinsing with water, and then air-drying.

Once the sample containers were filled, all labeled sample containers were immediately placed in ice-filled coolers. Samples were delivered to TestAmerica Inc., the analytical laboratory, on September 19 and 20, 2013. Samples were submitted to the laboratory using proper chain-of-custody procedures. Surface water samples were analyzed for Volatile Organic Compounds (VOCs), VOC Tentatively Identified Compounds (TICs), Site-specific parameters (SSPs) which include ethyl ether, 2-methylthiophene, and 3-methylthiophene, and Semi-Volatile Organic Compounds

(SVOCs), and SVOC TICs. The QA/QC program for surface water samples included the collection of a duplicate surface water sample at S-3C, MS/MSD sample, field blank and trip blank.

Sediment Sampling Activities

Sediment samples were collected on September 19-20, 2013 from four locations in Papscanee Creek as presented on Figure 1. The sediment samples for SVOCs (including TICs) were collected as 5-point sediment samples. Two 5-point composite samples were collected from the creek along the 1,200 ft length of the landfill. One 5-point composite sample was collected north of OU-1 and one south of OU-1 (between the gravel access road and the railroad tracks). The sediment samples for VOCs (including TICs) and total organic carbon (TOC) were collected as one grab sample at the middle of each section. The surface sediment samples (0 to 6 inches) were collected using a sediment core sampler with dedicated sleeves. Sediment samples were collected from the midpoint of the creek. Once the sample containers were filled, all labeled sample containers were immediately placed in ice-filled coolers. The sediment samples were delivered to TestAmerica on September 19 and 20, 2013. Samples were submitted to the laboratory using proper chain-of-custody procedures. Sediment samples submitted to TestAmerica were analyzed for VOCs (including TICs), SVOCs (including TICs) and TOC. The QA/QC program for sediment samples included the collection of a duplicate sediment sample at S-3/S-3C, MS/MSD sample, field blank and trip blank.

Groundwater Sampling Activities

Groundwater samples were collected from seven monitoring wells PZ-2A, RW-1, MW-2S, MW-6A, MW-6B, MW-9A and MW-9B on September 27, 2013 using Snap Samplers. Groundwater sampling locations are shown on Figure 1. The groundwater samples were collected using pre-deployed Snap Samplers. Once the sample containers were filled, all labeled sample containers were immediately placed in ice-filled coolers. Samples were delivered to TestAmerica on September 27, 2013. Samples were submitted to the laboratory using proper chain-of-custody procedures. Groundwater samples were analyzed for VOCs, VOC TICs, SSPs, SVOCs and SVOC TICs. The QA/QC program included the collection of a trip blank.

Summary of Analytical Results

The laboratory analytical reports are presented in Attachment A. The analytical results for the samples were validated. The data validation is presented in Attachment B. A summary of the detected VOCs (including TICs), SSPs, and SVOCs (including TICs) for surface water, sediment, and groundwater are presented in Tables 1, 2, and 3, respectively. The detected parameters for surface water, sediment, and groundwater excluding unknown TICs are presented on Figures 2, 3, and 4, respectively.

Surface Water

Low, estimated concentrations of the VOC acetone were detected at locations S-1C (0.0041 J mg/L) and S-3C (duplicate) (0.0035 J mg/L). Acetone is a potential laboratory artifact. Several VOC TICs and SVOC TICs were detected. The majority of TIC concentrations, that were not identified as unknown compounds, were low estimated concentrations that were below or similar to the upgradient (S-4C) concentrations.

Sediment

Four VOCs (acetone, 2-butanone, cyclohexane and ethyl ether) and 1 VOC TIC were detected in the sediment samples. The VOCs acetone and 2butanone are potential laboratory artifacts. The other two VOCs were detected at low, estimated concentrations.

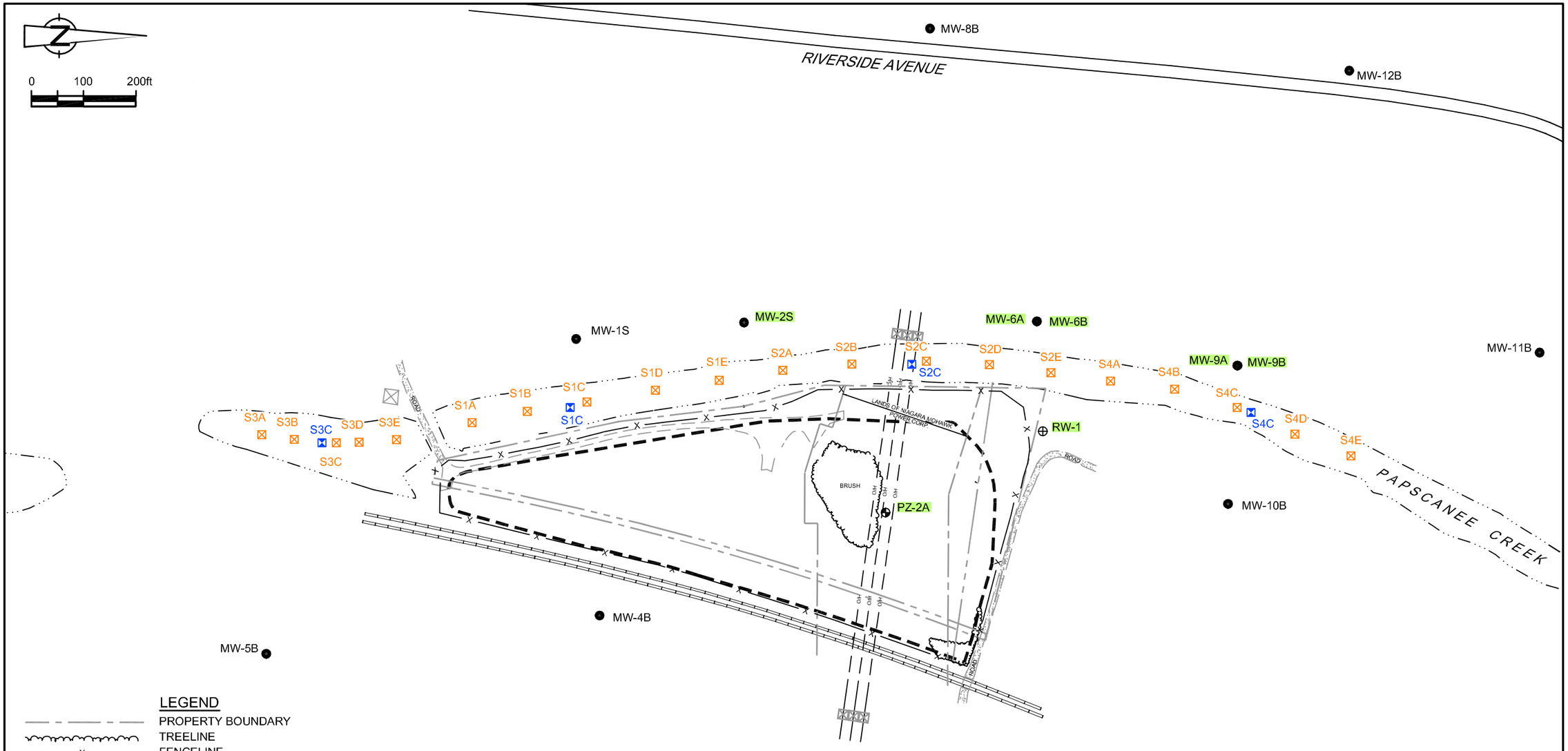
Six SVOCs (polycyclic aromatic hydrocarbons, PAHs) were detected in the sediment samples. All of the SVOC results were detected at estimated concentrations below the reporting limit. The concentrations of PAHs were generally consistent with historic sampling of Papscanee Creek. None of the detected SVOCs in the sediment samples were detected in the groundwater samples; therefore, the SVOC detections observed in the sediment are likely not related to Sterling Site 3.

Groundwater

Concentrations of VOCs (including TICs), SSPs, and SVOCs (including TICs) were generally consistent with previous semi-annual groundwater sampling events at the Site. Concentrations of ethyl ether during this sampling event ranged between non-detect and 0.120 mg/L at PZ-2A which is located in the center of the landfill. Ethyl ether concentrations at PZ-2A have ranged between 5.5 J mg/L (June 2004) and 0.085 mg/L (June 2013). Other detections of site-related parameters included concentrations of mephobarbital and phenobarbital.

Conclusions

A review of the surface water, and sediment, and groundwater analytical data indicates that there are no significant impacts to Papscanee Creek from Site-related constituents. Groundwater quality was generally consistent with previous sampling events.



LEGEND

- PROPERTY BOUNDARY
- TREELINE
- FENCELINE
- OVERHEAD POWERLINE
- RAILROAD TRACKS
- EASEMENT
- EDGE OF WATER
- CAP LIMIT
- SITE ACCESS ROAD
- SEDIMENT SAMPLING LOCATION (ESTIMATED)
- SURFACE WATER SAMPLING LOCATION (ESTIMATED)
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- GROUNDWATER SAMPLING LOCATION

SOURCE: SMITH & MAHONEY, P.C. - SOIL EROSION AND SEDIMENT CONTROL PLAN - ALBANY, NEW YORK

figure 1

SURFACE WATER, SEDIMENT, AND GROUNDWATER SAMPLING LOCATIONS
STERLING SITE 3
East Greenbush, New York

07830-2013(MEMO054)GN-WA001 DEC 12/2013

0 100 200ft

RIVERSIDE AVENUE

MW-8B

MW-12B

MW-11B

S1C	9/19/2013
VOCs	
Acetone	0.0041 J
SVOCs TICs	
Cyclohexane A	0.026
Hexadecanoic Acid A	0.0079

S2C	9/19/2013
SVOCs TICs	
2-Ethyl-hexanoic acid A	0.0052
9-Octadecenamide, (z)- A	0.0066
Cyclohexane A	0.025
Hexadecanoic Acid A	0.0089
Octadecanoic Acid A	0.084
p-Xylene A	0.019

S3C	9/19/2013
VOCs	
Acetone	0.0035 J
VOCs TICs	
tert-Butyldimethylsilanol A	0.0041
SVOCs TICs	
Cyclohexane A	0.027/0.026
Ethanedione, diphenyl-, dioxime A	0.13
Hexadecanoic Acid A	0.011/0.0093
p-Xylene A	0.022
Squalene A	0.0098

S4C	9/20/2013
VOCs TICs	
tert-Butyldimethylsilanol A	0.0047
SVOCs TICs	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) A	0.0045
Benzene, 1,3-diemthyl- A	0.035
Cyclohexane A	0.028
Hexadecanoic Acid A	0.0068
Octadecanoic Acid A	0.076

MW-1S
MW-2S
MW-4B
MW-5B
MW-6A
MW-6B
MW-9A
MW-9B
MW-10B
PZ-2A
RW-1
S1A S1B S1C S1D S1E
S2A S2B S2C S2D S2E
S3A S3B S3C S3D S3E
S4A S4B S4C S4D S4E
LANDS OF NIAGARA MOHAWK POWER/E.CORP.
BRUSH
PAPSCANEE CREEK

LEGEND

- PROPERTY BOUNDARY
- TREELINE
- FENCELINE
- OVERHEAD POWERLINE
- RAILROAD TRACKS
- EASEMENT
- EDGE OF WATER
- CAP LIMIT
- SITE ACCESS ROAD
- SEDIMENT SAMPLING LOCATION (ESTIMATED)
- SURFACE WATER SAMPLING LOCATION (ESTIMATED)
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- GROUNDWATER SAMPLING LOCATION

S1C	9/19/2013
VOCs	
Acetone	0.0041 J
SVOCs TICs	
Cyclohexane A	0.026
Hexadecanoic Acid A	0.0079

SAMPLE LOCATION
SAMPLE DATE
RESULT (mg/L)
PARAMETER

SOURCE: SMITH & MAHONEY, P.C. - SOIL EROSION AND SEDIMENT CONTROL PLAN - ALBANY, NEW YORK

figure 2

SUMARY OF DETECTED SURFACE WATER RESULTS
STERLING SITE 3
East Greenbush, New York

0 100 200ft

RIVERSIDE AVENUE

MW-8B

MW-12B

MW-11B

S1C	9/19/2013
VOCs	
2-Butanone (Methyl Ethyl Ketone)	0.043 J
Acetone	0.17
SVOCs	
Fluoranthene	0.36 J
Pyrene	0.47 J

S2C	9/19/2013
VOCs	
Acetone	0.0089 J
SVOCs	
Benzo(a)anthracene	0.37 J
Benzo(a)pyrene	0.38 J
Chrysene	0.31 J
Fluoranthene	0.52 J
Phenanthrene	0.21 J
Pyrene	0.55 J

S3C	9/19/2013
VOCs	
2-Butanone (Methyl Ethyl Ketone)	0.056/0.034 J
Acetone	0.22/0.15
Cyclohexane	0.0037 J/0.0089 J
Ethyl Ether	0.012 J
VOCs TICs	
3-Octanone A	0.074
SVOCs	
Fluoranthene	0.95 J/1.2 J
Phenanthrene	0.42 J/0.57 J
Pyrene	0.94 J/1.3 J

S4C	9/20/2013
VOCs	
2-Butanone (Methyl Ethyl Ketone)	0.0099 J
Acetone	0.038
SVOCs	
Pyrene	0.17 J

MW-1S
MW-2S
MW-4B
MW-5B
MW-6A
MW-6B
MW-9A
MW-9B
MW-10B
PZ-2A
RW-1

S1A S1B S1C S1D S1E
S2A S2B S2C S2D S2E
S3A S3B S3C S3D S3E
S4A S4B S4C S4D S4E

LANDS OF NIAGARA MOHAWK POWER CORP.

BRUSH

PAPSCANEE CREEK

LEGEND

- PROPERTY BOUNDARY
- TREELINE
- FENCELINE
- OVERHEAD POWERLINE
- RAILROAD TRACKS
- EASEMENT
- EDGE OF WATER
- CAP LIMIT
- SITE ACCESS ROAD
- SEDIMENT SAMPLING LOCATION (ESTIMATED)
- SURFACE WATER SAMPLING LOCATION (ESTIMATED)
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- GROUNDWATER SAMPLING LOCATION

S1C	9/19/2013
VOCs	
2-Butanone (Methyl Ethyl Ketone)	0.043 J
Acetone	0.17
SVOCs	
Fluoranthene	0.36 J
Pyrene	0.47 J

SAMPLE LOCATION
SAMPLE DATE
RESULT (mg/kg)
PARAMETER

SOURCE: SMITH & MAHONEY, P.C. - SOIL EROSION AND SEDIMENT CONTROL PLAN - ALBANY, NEW YORK

figure 3

SUMARY OF DETECTED SEDIMENT RESULTS
STERLING SITE 3
East Greenbush, New York

07830-2013(MEMO054)GN-WA003 DEC 12/2013

0 100 200ft

RIVERSIDE AVENUE

MW-8B

MW-12B

MW-2S	9/27/2013
VOCs	
Ethyl Ether	0.064
SVOCs TICs	
Aminopyrine A	0.0057
Cyclohexane A	0.1
Hexadecanoic Acid A	0.01
Noramidopyrine A	0.02
Octadecanoic Acid A	0.011
Talbutal A	0.0077

MW-6B	9/27/2013
VOCs	
Ethyl Ether	0.0011 J
SVOCs TICs	
Cyclohexane A	0.063
Hexadecanoic Acid A	0.0072
Octadecanoic Acid A	0.0075

MW-6A	9/27/2013
SVOCs TICs	
Cyclohexane A	0.069
Hexadecanoic Acid A	0.0045
Octadecanoic Acid A	0.0073

MW-9B	9/27/2013
VOCs	
Ethyl Ether	0.011
VOCs TICs	
Silanol, dimethyl (1,1,2-trimethylpropyl) A	0.0047
SVOCs TICs	
Cyclohexane A	0.089
Hexadecanoic Acid A	1.8
Octadecanoic Acid A	0.3
Oleic acid A	0.82
Tetradecanoic acid A	0.099

MW-9A	9/27/2013
SVOCs TICs	
Cyclohexane A	0.08
Hexadecanoic Acid A	0.0065
Octadecanoic Acid A	0.0087

MW-1S

MW-2S

MW-6A

MW-6B

MW-9A

MW-9B

MW-11B

S1A S1B S1C S1D S1E S2A S2B S2C S2D S2E S3A S3B S3C S3D S3E S4A S4B S4C S4D S4E

RW-1

LANDS OF NIAGARA MOHAWK POWER CORP.

BRUSH

PZ-2A

PAPSCANEE CREEK

MW-10B

MW-4B

MW-5B

PZ-2A	9/27/2013
VOCs	
2-Butanone (Methyl Ethyl Ketone)	17
2-Hexanone	0.032 J
Acetone	21
Methylene chloride	0.0092 J
VOCs TICs	
Cyclohexanone A	0.68
Isopropyl Alcohol A	1.4
Methyl propyl ketone A	0.074
Tetrahydrofuran A	41
SVOCs TICs	
(Ethoxymethyl)-benzene A	0.011
Benzyl Alcohol A	0.01 J
Butyrolactone A	0.0081
Cyclohexanol A	4
Mephobarbital A	0.16
Mepivacaine A	0.026
Octadecanoic Acid A	0.0078
Phenobarbital A	0.025
Talbutal A	0.011

RW-1	9/27/2013
VOCs	
Chlorobenzene	0.0017 J
Ethyl Ether	0.12
Toluene	0.00073 J
VOCs TICs	
(Ethoxymethyl)-benzene A	0.0029
Chlorodifluoromethane A	0.01
Cyclohexane A	0.0022
SVOCs TICs	
(Ethoxymethyl)-benzene A	0.022
Acetamide A	0.053
Chloroiodomethane A	0.017
Diisopropylamine A	0.15
Heptadecane A	0.037
Mephobarbital A	0.059
Mepivacaine A	0.056
N-Tetradecane A	0.038
Octadecanoic Acid A	0.017
Phenobarbital A	0.032
Triethylamine A	0.36

MW-6A	9/27/2013
SVOCs TICs	
Cyclohexane A	0.069
Hexadecanoic Acid A	0.0045
Octadecanoic Acid A	0.0073

SAMPLE LOCATION
SAMPLE DATE
RESULT (mg/L)
PARAMETER

LEGEND

- PROPERTY BOUNDARY
- TREELINE
- FENCELINE
- OVERHEAD POWERLINE
- RAILROAD TRACKS
- EASEMENT
- EDGE OF WATER
- CAP LIMIT
- SITE ACCESS ROAD
- SEDIMENT SAMPLING LOCATION (ESTIMATED)
- SURFACE WATER SAMPLING LOCATION (ESTIMATED)
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- GROUNDWATER SAMPLING LOCATION

SOURCE: SMITH & MAHONEY, P.C. - SOIL EROSION AND SEDIMENT CONTROL PLAN - ALBANY, NEW YORK

figure 4

SUMARY OF DETECTED GROUNDWATER RESULTS
STERLING SITE 3
East Greenbush, New York

TABLE 1

SUMMARY OF DETECTED ANALYTICAL RESULTS - SURFACE WATER SAMPLING
STERLING SITE 3
EAST GREENBUSH, NEW YORK

Sample Location:		***S1C***	***S2C***	***S3C***	***S3C***	***S4C***
Sample ID:		***WS-7830-091913-BP-003***	***WS-7830-091913-BP-004***	***WS-7830-091913-BP-001***	***WS-7830-091913-BP-002***	***WS-7830-092013-BP-005***
Sample Date:		***9/19/2013***	***9/19/2013***	***9/19/2013***	***9/19/2013***	***9/20/2013***
					Duplicate	
Parameter	***Units***					
Volatiles						
Acetone	mg/L	0.0041 J	ND (0.01)	ND (0.01)	0.0035 J	ND (0.01)
TIC Volatiles						
tert-Butyldimethylsilanol A	mg/L	-	-	-	0.0041	0.0047
TIC Semi-Volatiles						
2-Ethyl-hexanoic acid A	mg/L	-	0.0052	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) A	mg/L	-	-	-	-	0.0045
9-Octadecenamide, (z)- A	mg/L	-	0.0066	-	-	-
Benzene, 1,3-diemthyl- A	mg/L	-	-	-	-	0.035
Cyclohexane A	mg/L	0.026	0.025	0.027	0.026	0.028
Ethanedione, diphenyl-, dioxime A	mg/L	-	-	0.13	-	-
Hexadecanoic Acid A	mg/L	0.0079	0.0089	0.011	0.0093	0.0068
Octadecanoic Acid A	mg/L	-	0.084	-	-	0.076
p-Xylene A	mg/L	-	0.019	0.022	-	-
Squalene A	mg/L	-	-	0.0098	-	-
Unknown 1	mg/L	0.0096	0.0088	0.014	0.0097	0.011
Unknown 2	mg/L	0.011	0.011	0.014	0.012	0.021
Unknown 3	mg/L	0.025	0.027	0.041	0.025	0.022
Unknown 4	mg/L	0.011	0.012	0.019	0.012	0.01
Unknown 5	mg/L	0.077	0.0069	0.17	0.083	0.011
Unknown 6	mg/L	0.019	0.022	0.019	0.0039	0.027
Unknown 7	mg/L	0.085	0.037	0.034	0.026	0.044
Unknown 8	mg/L	0.0084	0.009	0.15	0.11	0.011
Unknown 9	mg/L	0.027	0.039	0.015	0.011	0.039
Unknown 10	mg/L	0.065	0.011	0.048	0.036	0.066
Unknown 11	mg/L	0.01	0.45	0.097	0.083	0.012
Unknown 12	mg/L	0.0067	0.0081	0.017	0.013	0.54
Unknown 13	mg/L	0.079	0.018	0.52	0.0042	0.016
Unknown 14	mg/L	0.019	0.0056	0.14	0.0053	0.017
Unknown 15	mg/L	0.46	-	0.036	0.086	0.077
Unknown 16	mg/L	0.02	-	-	0.47	-
Unknown 17	mg/L	-	-	-	0.024	-
Unknown 18	mg/L	-	-	-	0.022	-

Notes:

J - Estimated concentration.
ND - Not detected at the associated reporting limit
- - Not applicable.

TABLE 2

SUMMARY OF DETECTED ANALYTICAL RESULTS - SEDIMENT SAMPLING
STERLING SITE 3
EAST GREENBUSH, NEW YORK

Sample Location:		***S1C***	***S2C***	***S3C***	***S3C***	***S4C***
Sample ID:		***SD-7830-091913-BP-003***	***SD-7830-091913-BP-004***	***SD-7830-091913-BP-001***	***SD-7830-091913-BP-002***	***SD-7830-092013-BP-005***
Sample Date:		***9/19/2013***	***9/19/2013***	***9/19/2013***	***9/19/2013***	***9/20/2013***
					Duplicate	
Parameter	***Units***					
Volatiles						
2-Butanone (Methyl Ethyl Ketone)	mg/kg	0.043 J	ND (0.027)	0.056	0.034 J	0.0099 J
Acetone	mg/kg	0.17	0.0089 J	0.22	0.15	0.038
Cyclohexane	mg/kg	ND (0.0093)	ND (0.0055)	0.0037 J	0.0089 J	ND (0.0044)
Ethyl Ether	mg/kg	ND (0.046)	ND (0.027)	0.012 J	ND (0.064)	ND (0.022)
TIC Volatiles						
3-Octanone A	mg/kg	-	-	0.074	-	-
Semi-Volatiles						
Benzo(a)anthracene	mg/kg	ND (4.5)	0.37 J	ND (7.2)	ND (9.3)	ND (3.8)
Benzo(a)pyrene	mg/kg	ND (4.5)	0.38 J	ND (7.2)	ND (9.3)	ND (3.8)
Chrysene	mg/kg	ND (4.5)	0.31 J	ND (7.2)	ND (9.3)	ND (3.8)
Fluoranthene	mg/kg	0.36 J	0.52 J	0.95 J	1.2 J	ND (3.8)
Phenanthrene	mg/kg	ND (4.5)	0.21 J	0.42 J	0.57 J	ND (3.8)
Pyrene	mg/kg	0.47 J	0.55 J	0.94 J	1.3 J	0.17 J
General Chemistry						
Total Organic Carbon (TOC)	mg/kg	126000	81400 J	31000 J	98900 J	120000

Notes:

J - Estimated concentration.
ND - Not detected at the associated reporting limit
- - Not applicable.

TABLE 3

SUMMARY OF DETECTED ANALYTICAL RESULTS - GROUNDWATER SAMPLING
STERLING SITE 3
EAST GREENBUSH, NEW YORK

Sample Location:		***MW-2S***	***MW-6A***	***MW-6B***	***MW-9A***	***MW-9B***	***PZ-2A***	***RW-1***
Sample ID:		***WG-007830-092713-BP-004***	***WG-007830-092713-BP-005***	***WG-007830-092713-BP-006***	***WG-007830-092713-BP-002***	***WG-007830-092713-BP-003***	***WG-007830-092713-BP-001***	***WG-007830-092713-BP-007***
Sample Date:		***9/27/2013***	***9/27/2013***	***9/27/2013***	***9/27/2013***	***9/27/2013***	***9/27/2013***	***9/27/2013***
Parameter	***Units***							
Volatiles								
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	17	ND (0.01)
2-Hexanone	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.032 J	ND (0.01)
Acetone	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	21	ND (0.01)
Chlorobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)	0.0017 J
Ethyl Ether	mg/L	0.064	ND (0.01)	0.0011 J	ND (0.01)	0.011	ND (0.2)	0.12
Methylene chloride	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	0.0092 J	ND (0.005)
Toluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)	0.00073 J
TIC Volatiles								
(Ethoxymethyl)-benzene A	mg/L	-	-	-	-	-	-	0.0029
Chlorodifluoromethane A	mg/L	-	-	-	-	-	-	0.01
Cyclohexane A	mg/L	-	-	-	-	-	-	0.0022
Cyclohexanone A	mg/L	-	-	-	-	-	0.68	-
Isopropyl Alcohol A	mg/L	-	-	-	-	-	1.4	-
Methyl propyl ketone A	mg/L	-	-	-	-	-	0.074	-
Silanol, dimethyl (1,1,2-trimethylpropyl) A	mg/L	-	-	-	-	0.0047	-	-
Tetrahydrofuran A	mg/L	-	-	-	-	-	41	-
TIC Semi-Volatiles								
(Ethoxymethyl)-benzene A	mg/L	-	-	-	-	-	0.011	0.022
Acetamide A	mg/L	-	-	-	-	-	-	0.053
Aminopyrine A	mg/L	0.0057	-	-	-	-	-	-
Benzyl Alcohol A	mg/L	-	-	-	-	-	0.01 J	-
Butyrolactone A	mg/L	-	-	-	-	-	0.0081	-
Chloroiodomethane A	mg/L	-	-	-	-	-	-	0.017
Cyclohexane A	mg/L	0.1	0.069	0.063	0.08	0.089	-	-
Cyclohexanol A	mg/L	-	-	-	-	-	4	-
Diisopropylamine A	mg/L	-	-	-	-	-	-	0.15
Heptadecane A	mg/L	-	-	-	-	-	-	0.037
Hexadecanoic Acid A	mg/L	0.01	0.0045	0.0072	0.0065	1.8	-	-
Mephobarbital A	mg/L	-	-	-	-	-	0.16	0.059
Mepivacaine A	mg/L	-	-	-	-	-	0.026	0.056
Noramidopyrine A	mg/L	0.02	-	-	-	-	-	-
N-Tetradecane A	mg/L	-	-	-	-	-	-	0.038
Octadecanoic Acid A	mg/L	0.011	0.0073	0.0075	0.0087	0.3	0.0078	0.017
Oleic acid A	mg/L	-	-	-	-	0.82	-	-
Phenobarbital A	mg/L	-	-	-	-	-	0.025	0.032
Talbutal A	mg/L	0.0077	-	-	-	-	0.011	-
Tetradecanoic acid A	mg/L	-	-	-	-	0.099	-	-
Triethylamine A	mg/L	-	-	-	-	-	-	0.36
Unknown 1	mg/L	0.014	0.01	0.011	0.012	0.016	0.0073	0.015
Unknown 2	mg/L	0.019	0.016	0.013	0.013	0.012	0.12	0.022
Unknown 3	mg/L	0.0081	0.0061	0.003	0.0071	0.027	0.015	0.055
Unknown 4	mg/L	0.032	0.025	0.018	0.023	0.013	0.83	0.9
Unknown 5	mg/L	0.019	0.014	0.011	0.011	0.021	0.017	0.013
Unknown 6	mg/L	0.0077	0.052	0.018	0.048	0.026	0.068	0.018
Unknown 7	mg/L	0.029	0.0062	0.0057	0.0098	0.1	0.026	0.022
Unknown 8	mg/L	0.012	0.0042	0.022	0.0058	0.049	0.18	0.019
Unknown 9	mg/L	0.0087	0.022	0.015	0.019	0.99	0.018	0.049
Unknown 10	mg/L	0.95	0.032	0.0066	0.036	0.022	0.0094	-
Unknown 11	mg/L	0.053	0.0068	0.048	0.0066	0.011	0.06	-
Unknown 12	mg/L	0.012	0.0079	0.0047	0.014	0.012	-	-
Unknown 13	mg/L	0.042	0.046	0.008	0.044	0.034	-	-
Unknown 14	mg/L	-	0.011	0.011	0.014	-	-	-
Unknown 15	mg/L	-	0.75	0.026	0.85	-	-	-
Unknown 16	mg/L	-	0.016	0.84	0.045	-	-	-
Unknown 17	mg/L	-	0.037	0.0052	0.0063	-	-	-

Notes:

J - Estimated concentration.
ND - Not detected at the associated reporting limit
- - Not applicable.

Attachment A

Laboratory Analytical Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-46304-1
Client Project/Site: Sterling Site #3

For:
NPEC - Sterling
1999 Lake Avenue
Rochester, New York 14650

Attn: Bryan Gallagher

Authorized for release by:
9/30/2013 5:36:20 PM

John Schove, Project Manager I
(716)691-2600
john.schove@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-46304-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-46304-1

Comments
No additional comments.

Receipt
The sample was received on 9/21/2013 1:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The continuing calibration verification (CCV) for multiple analytes associated with batch 141281 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8270C: The laboratory control sample (LCS) for preparation batch 140986 recovered outside control limits for multiple analytes. These analytes have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Client Sample ID: WS-7830-092013-BP-005 **Lab Sample ID: 480-46304-1**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Client Sample ID: WS-7830-092013-BP-005
Date Collected: 09/20/13 09:15
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46304-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			09/23/13 05:08	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			09/23/13 05:08	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			09/23/13 05:08	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			09/23/13 05:08	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			09/23/13 05:08	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			09/23/13 05:08	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			09/23/13 05:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/13 05:08	1
2-Hexanone	ND		10	1.2	ug/L			09/23/13 05:08	1
2-Methylthiophene	ND		10	0.44	ug/L			09/23/13 05:08	1
3-Methylthiophene	ND		10	0.53	ug/L			09/23/13 05:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			09/23/13 05:08	1
Acetone	ND		10	3.0	ug/L			09/23/13 05:08	1
Benzene	ND		1.0	0.41	ug/L			09/23/13 05:08	1
Bromodichloromethane	ND		5.0	0.39	ug/L			09/23/13 05:08	1
Bromoform	ND		5.0	0.26	ug/L			09/23/13 05:08	1
Bromomethane	ND		10	0.69	ug/L			09/23/13 05:08	1
Carbon disulfide	ND		5.0	0.19	ug/L			09/23/13 05:08	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			09/23/13 05:08	1
Chlorobenzene	ND		5.0	0.75	ug/L			09/23/13 05:08	1
Chloroethane	ND		10	0.32	ug/L			09/23/13 05:08	1
Chloroform	ND		5.0	0.34	ug/L			09/23/13 05:08	1
Chloromethane	ND		10	0.35	ug/L			09/23/13 05:08	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			09/23/13 05:08	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			09/23/13 05:08	1
Dibromochloromethane	ND		5.0	0.32	ug/L			09/23/13 05:08	1
Ethyl ether	ND		10	0.72	ug/L			09/23/13 05:08	1
Ethylbenzene	ND		5.0	0.74	ug/L			09/23/13 05:08	1
m&p-Xylene	ND		5.0	0.66	ug/L			09/23/13 05:08	1
Methylene Chloride	ND		5.0	0.44	ug/L			09/23/13 05:08	1
o-Xylene	ND		5.0	0.76	ug/L			09/23/13 05:08	1
Styrene	ND		5.0	0.73	ug/L			09/23/13 05:08	1
Tetrachloroethene	ND		5.0	0.36	ug/L			09/23/13 05:08	1
Toluene	ND		5.0	0.51	ug/L			09/23/13 05:08	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			09/23/13 05:08	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			09/23/13 05:08	1
Trichloroethene	ND		5.0	0.46	ug/L			09/23/13 05:08	1
Vinyl chloride	ND		10	0.90	ug/L			09/23/13 05:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
tert-Butyldimethylsilanol	*4.7*	*T J N*	*ug/L*		*4.03*	*18173-64-3*		*09/23/13 05:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*66 - 137*		*09/23/13 05:08*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*09/23/13 05:08*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*09/23/13 05:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.5	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Client Sample ID: WS-7830-092013-BP-005
Date Collected: 09/20/13 09:15
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46304-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		9.5	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1
1,3-Dichlorobenzene	ND		9.5	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
1,4-Dichlorobenzene	ND		9.5	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,2'-Oxybis(1-chloropropane)	ND		4.7	2.0	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,4,5-Trichlorophenol	ND		4.7	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,4,6-Trichlorophenol	ND		4.7	2.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,4-Dichlorophenol	ND		4.7	1.9	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,4-Dimethylphenol	ND		4.7	1.9	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,4-Dinitrophenol	ND		9.5	8.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,4-Dinitrotoluene	ND		4.7	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1
2,6-Dinitrotoluene	ND		4.7	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1
2-Chloronaphthalene	ND		4.7	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1
2-Chlorophenol	ND		4.7	2.0	ug/L		09/25/13 07:39	09/26/13 14:15	1
2-Methylnaphthalene	ND		4.7	2.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
2-Methylphenol	ND		4.7	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1
2-Nitroaniline	ND		9.5	1.6	ug/L		09/25/13 07:39	09/26/13 14:15	1
2-Nitrophenol	ND		4.7	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
3,3'-Dichlorobenzidine	ND		4.7	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1
3-Nitroaniline	ND	*	9.5	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
4,6-Dinitro-2-methylphenol	ND		9.5	8.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Bromophenyl phenyl ether	ND		4.7	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Chloro-3-methylphenol	ND		4.7	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Chloroaniline	ND	*	4.7	2.2	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Chlorophenyl phenyl ether	ND		4.7	1.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Methylphenol	ND		9.5	1.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/25/13 07:39	09/26/13 14:15	1
4-Nitrophenol	ND		9.5	5.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
Acenaphthene	ND		4.7	1.6	ug/L		09/25/13 07:39	09/26/13 14:15	1
Acenaphthylene	ND		4.7	1.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
Anthracene	ND		4.7	1.1	ug/L		09/25/13 07:39	09/26/13 14:15	1
Benzaldehyde	ND		4.7	1.0	ug/L		09/25/13 07:39	09/26/13 14:15	1
Benzo(a)anthracene	ND		4.7	1.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
Benzo(a)pyrene	ND		4.7	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
Benzo(b)fluoranthene	ND		4.7	1.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
Benzo(g,h,i)perylene	ND		4.7	1.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
Benzo(k)fluoranthene	ND		4.7	2.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
Bis(2-chloroethoxy)methane	ND		4.7	1.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
Bis(2-chloroethyl)ether	ND		4.7	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1
Bis(2-ethylhexyl) phthalate	ND		4.7	6.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
Butyl benzyl phthalate	ND		4.7	1.6	ug/L		09/25/13 07:39	09/26/13 14:15	1
Carbazole	ND		4.7	1.1	ug/L		09/25/13 07:39	09/26/13 14:15	1
Chrysene	ND		4.7	1.3	ug/L		09/25/13 07:39	09/26/13 14:15	1
Dibenz(a,h)anthracene	ND		4.7	1.6	ug/L		09/25/13 07:39	09/26/13 14:15	1
Dibenzofuran	ND		9.5	1.9	ug/L		09/25/13 07:39	09/26/13 14:15	1
Diethyl phthalate	ND		4.7	0.84	ug/L		09/25/13 07:39	09/26/13 14:15	1
Dimethyl phthalate	ND		4.7	1.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
Di-n-butyl phthalate	ND		4.7	1.2	ug/L		09/25/13 07:39	09/26/13 14:15	1
Di-n-octyl phthalate	ND		4.7	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
Fluoranthene	ND		4.7	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Client Sample ID: WS-7830-092013-BP-005
Date Collected: 09/20/13 09:15
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46304-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		4.7	1.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
Hexachlorobenzene	ND		4.7	1.9	ug/L		09/25/13 07:39	09/26/13 14:15	1
Hexachlorobutadiene	ND		4.7	2.6	ug/L		09/25/13 07:39	09/26/13 14:15	1
Hexachlorocyclopentadiene	ND		4.7	2.2	ug/L		09/25/13 07:39	09/26/13 14:15	1
Hexachloroethane	ND		4.7	2.2	ug/L		09/25/13 07:39	09/26/13 14:15	1
Indeno(1,2,3-cd)pyrene	ND		4.7	1.8	ug/L		09/25/13 07:39	09/26/13 14:15	1
Isophorone	ND		4.7	1.6	ug/L		09/25/13 07:39	09/26/13 14:15	1
Naphthalene	ND		4.7	2.9	ug/L		09/25/13 07:39	09/26/13 14:15	1
Nitrobenzene	ND		4.7	1.1	ug/L		09/25/13 07:39	09/26/13 14:15	1
N-Nitrosodi-n-propylamine	ND		4.7	2.1	ug/L		09/25/13 07:39	09/26/13 14:15	1
N-Nitrosodiphenylamine	ND		4.7	1.9	ug/L		09/25/13 07:39	09/26/13 14:15	1
Pentachlorophenol	ND		9.5	8.4	ug/L		09/25/13 07:39	09/26/13 14:15	1
Phenanthrene	ND		4.7	1.7	ug/L		09/25/13 07:39	09/26/13 14:15	1
Phenol	ND		4.7	1.5	ug/L		09/25/13 07:39	09/26/13 14:15	1
Pyrene	ND		4.7	1.3	ug/L		09/25/13 07:39	09/26/13 14:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*11*	*T J*	*ug/L*		*3.22*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*21*	*T J*	*ug/L*		*3.31*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Cyclohexane	*28*	*T J N*	*ug/L*		*3.39*	*110-82-7*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*11*	*T J*	*ug/L*		*3.45*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*540*	*T J*	*ug/L*		*3.53*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Methyl Isobutyl Ketone	*4.5*	*T J N*	*ug/L*		*4.07*	*108-10-1*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Benzene, 1,3-dimethyl-	*35*	*T J N*	*ug/L*		*5.24*	*108-38-3*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*22*	*T J*	*ug/L*		*10.17*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
n-Hexadecanoic acid	*6.8*	*T J N*	*ug/L*		*10.45*	*57-10-3*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*10*	*T J*	*ug/L*		*10.70*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Octadecanoic acid	*76*	*T J N*	*ug/L*		*11.07*	*57-11-4*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*27*	*T J*	*ug/L*		*11.61*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*44*	*T J*	*ug/L*		*12.01*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*11*	*T J*	*ug/L*		*12.40*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*39*	*T J*	*ug/L*		*12.69*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*66*	*T J*	*ug/L*		*13.17*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*12*	*T J*	*ug/L*		*13.65*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*16*	*T J*	*ug/L*		*14.51*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*17*	*T J*	*ug/L*		*15.07*		*09/25/13 07:39*	*09/26/13 14:15*	*1*
Unknown	*77*	*T J*	*ug/L*		*15.45*		*09/25/13 07:39*	*09/26/13 14:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
2-Fluorophenol	*53*		*20 - 120*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
Phenol-d5	*37*		*16 - 120*	*09/25/13 07:39*	*09/26/13 14:15*	*1*
p-Terphenyl-d14	*83*		*67 - 150*	*09/25/13 07:39*	*09/26/13 14:15*	*1*

Surrogate Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)								
		12DCE	BFB	TOL						
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)						
480-46304-1	WS-7830-092013-BP-005	77	92	91						
LCS 480-140516/5	Lab Control Sample	81	94	91						
MB 480-140516/6	Method Blank	82	92	91						

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
480-46304-1	WS-7830-092013-BP-005	89	84	53	85	37	83		
LCS 480-140986/2-A	Lab Control Sample	96	89	66	92	47	98		
MB 480-140986/1-A	Method Blank	75	84	63	89	46	103		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-140516/6
Matrix: Water
Analysis Batch: 140516

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			09/22/13 21:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			09/22/13 21:59	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			09/22/13 21:59	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			09/22/13 21:59	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			09/22/13 21:59	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			09/22/13 21:59	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			09/22/13 21:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/22/13 21:59	1
2-Hexanone	ND		10	1.2	ug/L			09/22/13 21:59	1
2-Methylthiophene	ND		10	0.44	ug/L			09/22/13 21:59	1
3-Methylthiophene	ND		10	0.53	ug/L			09/22/13 21:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			09/22/13 21:59	1
Acetone	ND		10	3.0	ug/L			09/22/13 21:59	1
Benzene	ND		1.0	0.41	ug/L			09/22/13 21:59	1
Bromodichloromethane	ND		5.0	0.39	ug/L			09/22/13 21:59	1
Bromoform	ND		5.0	0.26	ug/L			09/22/13 21:59	1
Bromomethane	ND		10	0.69	ug/L			09/22/13 21:59	1
Carbon disulfide	ND		5.0	0.19	ug/L			09/22/13 21:59	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			09/22/13 21:59	1
Chlorobenzene	ND		5.0	0.75	ug/L			09/22/13 21:59	1
Chloroethane	ND		10	0.32	ug/L			09/22/13 21:59	1
Chloroform	ND		5.0	0.34	ug/L			09/22/13 21:59	1
Chloromethane	ND		10	0.35	ug/L			09/22/13 21:59	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			09/22/13 21:59	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			09/22/13 21:59	1
Dibromochloromethane	ND		5.0	0.32	ug/L			09/22/13 21:59	1
Ethyl ether	ND		10	0.72	ug/L			09/22/13 21:59	1
Ethylbenzene	ND		5.0	0.74	ug/L			09/22/13 21:59	1
m&p-Xylene	ND		5.0	0.66	ug/L			09/22/13 21:59	1
Methylene Chloride	ND		5.0	0.44	ug/L			09/22/13 21:59	1
o-Xylene	ND		5.0	0.76	ug/L			09/22/13 21:59	1
Styrene	ND		5.0	0.73	ug/L			09/22/13 21:59	1
Tetrachloroethene	ND		5.0	0.36	ug/L			09/22/13 21:59	1
Toluene	ND		5.0	0.51	ug/L			09/22/13 21:59	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			09/22/13 21:59	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			09/22/13 21:59	1
Trichloroethene	ND		5.0	0.46	ug/L			09/22/13 21:59	1
Vinyl chloride	ND		10	0.90	ug/L			09/22/13 21:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/22/13 21:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*66 - 137*		*09/22/13 21:59*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*09/22/13 21:59*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*09/22/13 21:59*	*1*

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

Lab Sample ID: LCS 480-140516/5
Matrix: Water
Analysis Batch: 140516

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.7		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	18.5		ug/L		74	58 - 121
1,2-Dichloroethane	25.0	21.7		ug/L		87	75 - 127
Benzene	25.0	24.7		ug/L		99	71 - 124
Chlorobenzene	25.0	26.5		ug/L		106	72 - 120
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
Ethylbenzene	25.0	26.4		ug/L		106	77 - 123
m&p-Xylene	50.0	53.6		ug/L		107	76 - 122
o-Xylene	25.0	25.8		ug/L		103	76 - 122
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	26.1		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
Trichloroethene	25.0	24.1		ug/L		97	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*66 - 137*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*91*		*71 - 126*

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

Lab Sample ID: MB 480-140986/1-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.44	ug/L		09/25/13 07:39	09/26/13 13:19	1
1,2-Dichlorobenzene	ND		2.5	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
1,3-Dichlorobenzene	ND		2.5	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
1,4-Dichlorobenzene	ND		2.5	0.46	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,2'-Oxybis(1-chloropropane)	ND		1.3	0.52	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4,5-Trichlorophenol	ND		1.3	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4,6-Trichlorophenol	ND		1.3	0.61	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dichlorophenol	ND		1.3	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dimethylphenol	ND		1.3	0.50	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dinitrophenol	ND		2.5	2.2	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dinitrotoluene	ND		1.3	0.45	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,6-Dinitrotoluene	ND		1.3	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Chloronaphthalene	ND		1.3	0.46	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Chlorophenol	ND		1.3	0.53	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Methylnaphthalene	ND		1.3	0.60	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Methylphenol	ND		1.3	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Nitroaniline	ND		2.5	0.42	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Nitrophenol	ND		1.3	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
3,3'-Dichlorobenzidine	ND		1.3	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
3-Nitroaniline	ND		2.5	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
4,6-Dinitro-2-methylphenol	ND		2.5	2.2	ug/L		09/25/13 07:39	09/26/13 13:19	1

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

Lab Sample ID: MB 480-140986/1-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		1.3	0.45	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Chloro-3-methylphenol	ND		1.3	0.45	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Chloroaniline	ND		1.3	0.59	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Chlorophenyl phenyl ether	ND		1.3	0.35	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Methylphenol	ND		2.5	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Nitroaniline	ND		2.5	0.25	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Nitrophenol	ND		2.5	1.5	ug/L		09/25/13 07:39	09/26/13 13:19	1
Acenaphthene	ND		1.3	0.41	ug/L		09/25/13 07:39	09/26/13 13:19	1
Acenaphthylene	ND		1.3	0.38	ug/L		09/25/13 07:39	09/26/13 13:19	1
Anthracene	ND		1.3	0.28	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzaldehyde	ND		1.3	0.27	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(a)anthracene	ND		1.3	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(a)pyrene	ND		1.3	0.47	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(b)fluoranthene	ND		1.3	0.34	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(g,h,i)perylene	ND		1.3	0.35	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(k)fluoranthene	ND		1.3	0.73	ug/L		09/25/13 07:39	09/26/13 13:19	1
Bis(2-chloroethoxy)methane	ND		1.3	0.35	ug/L		09/25/13 07:39	09/26/13 13:19	1
Bis(2-chloroethyl)ether	ND		1.3	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
Bis(2-ethylhexyl) phthalate	ND		1.3	1.8	ug/L		09/25/13 07:39	09/26/13 13:19	1
Butyl benzyl phthalate	ND		1.3	0.42	ug/L		09/25/13 07:39	09/26/13 13:19	1
Carbazole	ND		1.3	0.30	ug/L		09/25/13 07:39	09/26/13 13:19	1
Chrysene	ND		1.3	0.33	ug/L		09/25/13 07:39	09/26/13 13:19	1
Dibenz(a,h)anthracene	ND		1.3	0.42	ug/L		09/25/13 07:39	09/26/13 13:19	1
Dibenzofuran	ND		2.5	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
Diethyl phthalate	ND		1.3	0.22	ug/L		09/25/13 07:39	09/26/13 13:19	1
Dimethyl phthalate	ND		1.3	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
Di-n-butyl phthalate	ND		1.3	0.31	ug/L		09/25/13 07:39	09/26/13 13:19	1
Di-n-octyl phthalate	ND		1.3	0.47	ug/L		09/25/13 07:39	09/26/13 13:19	1
Fluoranthene	ND		1.3	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
Fluorene	ND		1.3	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachlorobenzene	ND		1.3	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachlorobutadiene	ND		1.3	0.68	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachlorocyclopentadiene	ND		1.3	0.59	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachloroethane	ND		1.3	0.59	ug/L		09/25/13 07:39	09/26/13 13:19	1
Indeno(1,2,3-cd)pyrene	ND		1.3	0.47	ug/L		09/25/13 07:39	09/26/13 13:19	1
Isophorone	ND		1.3	0.43	ug/L		09/25/13 07:39	09/26/13 13:19	1
Naphthalene	ND		1.3	0.76	ug/L		09/25/13 07:39	09/26/13 13:19	1
Nitrobenzene	ND		1.3	0.29	ug/L		09/25/13 07:39	09/26/13 13:19	1
N-Nitrosodi-n-propylamine	ND		1.3	0.54	ug/L		09/25/13 07:39	09/26/13 13:19	1
N-Nitrosodiphenylamine	ND		1.3	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
Pentachlorophenol	ND		2.5	2.2	ug/L		09/25/13 07:39	09/26/13 13:19	1
Phenanthrene	ND		1.3	0.44	ug/L		09/25/13 07:39	09/26/13 13:19	1
Phenol	ND		1.3	0.39	ug/L		09/25/13 07:39	09/26/13 13:19	1
Pyrene	ND		1.3	0.34	ug/L		09/25/13 07:39	09/26/13 13:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3.51*	*T J*	*ug/L*		*3.23*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*4.43*	*T J*	*ug/L*		*3.30*		*09/25/13 07:39*	*09/26/13 13:19*	*1*

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

Lab Sample ID: MB 480-140986/1-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140986

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Cyclohexane	7.49	T J N	ug/L		3.39	110-82-7	09/25/13 07:39	09/26/13 13:19	1
Unknown	2.68	T J	ug/L		3.43		09/25/13 07:39	09/26/13 13:19	1
Unknown	157	T J	ug/L		3.54		09/25/13 07:39	09/26/13 13:19	1
Methyl Isobutyl Ketone	2.96	T J N	ug/L		4.08	108-10-1	09/25/13 07:39	09/26/13 13:19	1
Benzene, 1,3-dimethyl-	7.92	T J N	ug/L		5.24	108-38-3	09/25/13 07:39	09/26/13 13:19	1
Unknown	7.33	T J	ug/L		10.15		09/25/13 07:39	09/26/13 13:19	1
n-Hexadecanoic acid	1.77	T J N	ug/L		10.45	57-10-3	09/25/13 07:39	09/26/13 13:19	1
Unknown	3.65	T J	ug/L		10.69		09/25/13 07:39	09/26/13 13:19	1
Unknown	14.4	T J	ug/L		11.07		09/25/13 07:39	09/26/13 13:19	1
Unknown	6.95	T J	ug/L		11.60		09/25/13 07:39	09/26/13 13:19	1
Unknown	23.2	T J	ug/L		12.02		09/25/13 07:39	09/26/13 13:19	1
Unknown	2.46	T J	ug/L		12.39		09/25/13 07:39	09/26/13 13:19	1
Unknown	8.97	T J	ug/L		12.69		09/25/13 07:39	09/26/13 13:19	1
Unknown	16.6	T J	ug/L		13.15		09/25/13 07:39	09/26/13 13:19	1
Unknown	2.50	T J	ug/L		13.64		09/25/13 07:39	09/26/13 13:19	1
Unknown	2.79	T J	ug/L		14.48		09/25/13 07:39	09/26/13 13:19	1
Unknown	4.95	T J	ug/L		15.08		09/25/13 07:39	09/26/13 13:19	1
Unknown	19.4	T J	ug/L		15.45		09/25/13 07:39	09/26/13 13:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		52 - 132	09/25/13 07:39	09/26/13 13:19	1
2-Fluorobiphenyl	84		48 - 120	09/25/13 07:39	09/26/13 13:19	1
2-Fluorophenol	63		20 - 120	09/25/13 07:39	09/26/13 13:19	1
Nitrobenzene-d5	89		46 - 120	09/25/13 07:39	09/26/13 13:19	1
Phenol-d5	46		16 - 120	09/25/13 07:39	09/26/13 13:19	1
p-Terphenyl-d14	103		67 - 150	09/25/13 07:39	09/26/13 13:19	1

Lab Sample ID: LCS 480-140986/2-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	8.00	6.50		ug/L		81	40 - 120
1,4-Dichlorobenzene	8.00	6.26		ug/L		78	32 - 120
2,4-Dinitrotoluene	8.00	8.86		ug/L		111	65 - 154
2-Chlorophenol	8.00	7.11		ug/L		89	48 - 120
4-Chloro-3-methylphenol	8.00	8.14		ug/L		102	64 - 120
4-Nitrophenol	16.0	8.89		ug/L		56	16 - 120
Acenaphthene	8.00	7.41		ug/L		93	60 - 120
Bis(2-ethylhexyl) phthalate	8.00	8.15		ug/L		102	53 - 158
Fluorene	8.00	7.63		ug/L		95	55 - 143
Hexachloroethane	8.00	6.15		ug/L		77	14 - 101
N-Nitrosodi-n-propylamine	8.00	7.87		ug/L		98	56 - 120
Pentachlorophenol	16.0	13.6		ug/L		85	39 - 136
Phenol	8.00	4.07		ug/L		51	17 - 120
Pyrene	8.00	7.85		ug/L		98	58 - 136

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

Lab Sample ID: LCS 480-140986/2-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140986

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol	66		20 - 120
Nitrobenzene-d5	92		46 - 120
Phenol-d5	47		16 - 120
p-Terphenyl-d14	98		67 - 150

QC Association Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

GC/MS VOA

Analysis Batch: 140516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46304-1	WS-7830-092013-BP-005	Total/NA	Water	8260B	
LCS 480-140516/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140516/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 140986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46304-1	WS-7830-092013-BP-005	Total/NA	Water	3510C	
LCS 480-140986/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-140986/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 141281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46304-1	WS-7830-092013-BP-005	Total/NA	Water	8270C	140986
LCS 480-140986/2-A	Lab Control Sample	Total/NA	Water	8270C	140986
MB 480-140986/1-A	Method Blank	Total/NA	Water	8270C	140986

Lab Chronicle

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Client Sample ID: WS-7830-092013-BP-005 **Lab Sample ID: 480-46304-1**
Date Collected: 09/20/13 09:15 **Matrix: Water**
Date Received: 09/21/13 01:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140516	09/23/13 05:08	TRB	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 14:15	RMM	TAL BUF

Laboratory References:

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

Certification Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	10-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46304-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-46304-1	WS-7830-092013-BP-005	Water	09/20/13 09:15	09/21/13 01:30

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: BRIAN PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.2
Client Contact: Ms. Sue Scrocchi	Phone: 518 248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 2 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304				
Phone: 716 297-6150	PO #: 15-Dec			
Email: sscrocchi@craworld.com	WO #:			
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
WS-7830-092013-BP-005	9/20/13	0915	G	Water			3	2	-	-	5	Surface Water
				Water								
				Water								
				Water								
				Water								
				Water								
				Water								
				Water								
				Solid								
				Solid								
				Solid								

9/20/13

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by:	9/20/13 1520	CRA INC.	Received by:	9/20/13 15:20	TA
Relinquished by:	9/20/13	TA	Received by:	9.21-13 0.30	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.1 #1

Login Sample Receipt Checklist

Client: NPEC - Sterling

Job Number: 480-46304-1

Login Number: 46304

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-46192-1
Client Project/Site: Sterling Site #2 and #3 East Greenbush,

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Kathleen Willy

Authorized for release by:
10/11/2013 6:12:10 PM
Rebecca Jones, Project Mgmt. Assistant
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager I
(716)691-2600
john.schove@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
F	MS/MSD Recovery and/or RPD exceeds the control limits
X	Surrogate is outside control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.

General Chemistry

Qualifier	Qualifier Description
F	MS/MSD Recovery and/or RPD exceeds the control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-46192-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-46192-1

Comments
No additional comments.

Receipt
The samples were received on 9/20/2013 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.4º C and 2.8º C.

Except:

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): SD-7830-091913-BP-001 (480-46192-1). The container labels list a sample time of 1100. The COC lists 1130.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): SD-7830-091913-BP-004 (480-46192-4 MSD). The container labels list a sample time of 1500 which matches sample 8 in the log-in. The COC lists 1515.

Method Lloyd Kahn is logged in for MS/ MSD QC. Lab does DUP/ MS QC for this method.

The COC indicated the MS/MSD should be assigned to 004 - no additional volume was received for that point. Additional volume was received for 003 and the PM instructed the MS/MSD to be logged against 003.

Two points were received that were not listed on the COC. The points are RB-7830-091913-001 and RB-7830-091913-002. At the direction of the PM these points were added to the this login.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 140425 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 140281 were outside control limits for several compounds. The associated laboratory control sample (LCS) recovery met acceptance criteria. SD-7830-091913-BP-004 (480-46192-8 MS), SD-7830-091913-BP-004 (480-46192-8 MSD)

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The analytes Lidocaine and Phenobarbital were analyzed qualitatively using mass spectral searches to determine if the analytes were present. Because no standard was run, a default reporting limit is provided in the report.

Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix and viscosity: SD-7830-091913-BP-001 (480-46192-1), SD-7830-091913-BP-002 (480-46192-2). As such, surrogate recoveries were reduced to a level in which they do not provide useful information. Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix and viscosity: SD-7830-091913-BP-003 (480-46192-3), SD-7830-091913-BP-004 (480-46192-4), SD-7830-091913-BP-004 (480-46192-4 MS), SD-7830-091913-BP-004 (480-46192-4 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Four compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 140853: These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

Method(s) 8270C: The continuing calibration verification (CCV) for Benzaldehyde associated with batch 140853 recovered above the upper

Job ID: 480-46192-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 140986 recovered outside control limits for the following analytes: 3-Nitroaniline and 4-Chloroaniline. 3-Nitroaniline and 4-Chloroaniline has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 140986 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

Method(s) Lloyd Kahn: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 62290 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001 — Lab Sample ID: 480-46192-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	950	J	7200	100	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	420	J	7200	150	ug/Kg	20	☼	8270C	Total/NA
Pyrene	940	J	7200	46	ug/Kg	20	☼	8270C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	31000		2150	2150	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SD-7830-091913-BP-002 — Lab Sample ID: 480-46192-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	1200	J	9300	130	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	570	J	9300	190	ug/Kg	20	☼	8270C	Total/NA
Pyrene	1300	J	9300	60	ug/Kg	20	☼	8270C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	98900		2810	2810	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SD-7830-091913-BP-003 — Lab Sample ID: 480-46192-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	360	J	4500	64	ug/Kg	10	☼	8270C	Total/NA
Pyrene	470	J	4500	29	ug/Kg	10	☼	8270C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	126000		2640	2640	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SD-7830-091913-BP-004 — Lab Sample ID: 480-46192-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	370	J	1600	28	ug/Kg	5	☼	8270C	Total/NA
Benzo(a)pyrene	380	J	1600	39	ug/Kg	5	☼	8270C	Total/NA
Chrysene	310	J	1600	16	ug/Kg	5	☼	8270C	Total/NA
Fluoranthene	520	J	1600	24	ug/Kg	5	☼	8270C	Total/NA
Phenanthrene	210	J	1600	34	ug/Kg	5	☼	8270C	Total/NA
Pyrene	550	J	1600	11	ug/Kg	5	☼	8270C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	81400		1970	1970	mg/Kg	1	☼	Lloyd Kahn	Total/NA

Client Sample ID: SD-7830-091913-BP-001 — Lab Sample ID: 480-46192-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	56		48	3.5	ug/Kg	1	☼	8260B	Total/NA
Acetone	220		48	8.1	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	3.7	J	9.6	1.3	ug/Kg	1	☼	8260B	Total/NA
Ethyl ether	12	J	48	4.0	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SD-7830-091913-BP-002 — Lab Sample ID: 480-46192-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	34	J	64	4.7	ug/Kg	1	☼	8260B	Total/NA
Acetone	150		64	11	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	8.9	J	13	1.8	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-003 — Lab Sample ID: 480-46192-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	43	J	46	3.4	ug/Kg	1	☼	8260B	Total/NA
Acetone	170		46	7.8	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SD-7830-091913-BP-004 — Lab Sample ID: 480-46192-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9	J	27	4.6	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SD-7830-091913-BP-001 — Lab Sample ID: 480-46192-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	1.1	J	4.7	0.29	ug/L	1		8270C	Total/NA

Client Sample ID: SD-7830-091913-BP-002 — Lab Sample ID: 480-46192-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.5	J	10	3.0	ug/L	1		8260B	Total/NA
Di-n-butyl phthalate	0.61	J	4.7	0.29	ug/L	1		8270C	Total/NA

Client Sample ID: SD-7830-091913-BP-004 — Lab Sample ID: 480-46192-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.97	J	4.7	0.29	ug/L	1		8270C	Total/NA

Client Sample ID: SD-7830-091913-BP-003 — Lab Sample ID: 480-46192-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.1	J	10	3.0	ug/L	1		8260B	Total/NA
Butyl benzyl phthalate	0.63	J	4.8	0.40	ug/L	1		8270C	Total/NA
Di-n-butyl phthalate	0.72	J	4.8	0.30	ug/L	1		8270C	Total/NA

Client Sample ID: TB — Lab Sample ID: 480-46192-13

No Detections.

Client Sample ID: RB-7830-091913-BP-001 — Lab Sample ID: 480-46192-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.94	J	4.8	0.30	ug/L	1		8270C	Total/NA

Client Sample ID: RB-7830-091913-BP-002 — Lab Sample ID: 480-46192-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2.2	J	4.7	1.7	ug/L	1		8270C	Total/NA
Butyl benzyl phthalate	0.76	J	4.7	0.39	ug/L	1		8270C	Total/NA
Diethyl phthalate	0.69	J	4.7	0.21	ug/L	1		8270C	Total/NA
Di-n-butyl phthalate	0.81	J	4.7	0.29	ug/L	1		8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001
Date Collected: 09/19/13 11:30
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-1
Matrix: Solid
Percent Solids: 46.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	14000	U	14000	200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
1,2-Dichlorobenzene	14000	U	14000	140	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
1,3-Dichlorobenzene	14000	U	14000	130	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
1,4-Dichlorobenzene	14000	U	14000	94	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,2'-Oxybis(1-chloropropane)	7200	U	7200	750	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,4,5-Trichlorophenol	7200	U	7200	1600	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,4,6-Trichlorophenol	7200	U	7200	470	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,4-Dichlorophenol	7200	U	7200	370	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,4-Dimethylphenol	7200	U	7200	1900	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,4-Dinitrophenol	14000	U	14000	2500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,4-Dinitrotoluene	7200	U	7200	1100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2,6-Dinitrotoluene	7200	U	7200	1700	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2-Chloronaphthalene	7200	U	7200	480	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2-Chlorophenol	7200	U	7200	360	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2-Methylnaphthalene	7200	U	7200	86	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2-Methylphenol	7200	U	7200	220	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2-Nitroaniline	14000	U	14000	2300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
2-Nitrophenol	7200	U	7200	330	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
3,3'-Dichlorobenzidine	7200	U	7200	6300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
3-Nitroaniline	14000	U	14000	1600	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4,6-Dinitro-2-methylphenol	14000	U	14000	2500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Bromophenyl phenyl ether	7200	U	7200	2300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Chloro-3-methylphenol	7200	U	7200	290	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Chloroaniline	7200	U	7200	2100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Chlorophenyl phenyl ether	7200	U	7200	150	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Methylphenol	14000	U	14000	400	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Nitroaniline	14000	U	14000	800	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
4-Nitrophenol	14000	U	14000	1700	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Acenaphthene	7200	U	7200	84	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Acenaphthylene	7200	U	7200	58	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Anthracene	7200	U	7200	180	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Benzaldehyde	7200	U	7200	780	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Benzo(a)anthracene	7200	U	7200	120	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Benzo(a)pyrene	7200	U	7200	170	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Benzo(b)fluoranthene	7200	U	7200	140	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Benzo(g,h,i)perylene	7200	U	7200	86	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Benzo(k)fluoranthene	7200	U	7200	79	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Bis(2-chloroethoxy)methane	7200	U	7200	390	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Bis(2-chloroethyl)ether	7200	U	7200	620	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Bis(2-ethylhexyl) phthalate	7200	U	7200	2300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Butyl benzyl phthalate	7200	U	7200	1900	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Carbazole	7200	U	7200	83	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Chrysene	7200	U	7200	71	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Dibenz(a,h)anthracene	7200	U	7200	84	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Dibenzofuran	7200	U	7200	74	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Diethyl phthalate	7200	U	7200	220	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Dimethyl phthalate	7200	U	7200	190	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Di-n-butyl phthalate	7200	U	7200	2500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Di-n-octyl phthalate	7200	U	7200	170	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-1

Date Collected: 09/19/13 11:30
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 46.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**950**	**J**	7200	100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Fluorene	7200	U	7200	160	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Hexachlorobenzene	7200	U	7200	350	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Hexachlorobutadiene	7200	U	7200	370	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Hexachlorocyclopentadiene	7200	U	7200	2200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Hexachloroethane	7200	U	7200	550	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Indeno(1,2,3-cd)pyrene	7200	U	7200	200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Isophorone	7200	U	7200	360	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Naphthalene	7200	U	7200	120	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Nitrobenzene	7200	U	7200	320	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
N-Nitrosodi-n-propylamine	7200	U	7200	570	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
N-Nitrosodiphenylamine	7200	U	7200	390	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Pentachlorophenol	14000	U	14000	2400	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Phenanthrene	**420**	**J**	7200	150	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Phenol	7200	U	7200	750	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20
Pyrene	**940**	**J**	7200	46	ug/Kg	☼	09/23/13 14:38	09/24/13 18:01	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Lidocaine	*7200*	*U*	*ug/Kg*	☼		*137-58-6*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
Phenobarbital	*7200*	*U*	*ug/Kg*	☼		*50-06-6*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/23/13 14:38*	*09/24/13 18:01*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*39 - 146*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
2-Fluorobiphenyl	*93*		*37 - 120*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
2-Fluorophenol	*92*		*18 - 120*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
Nitrobenzene-d5	*87*		*34 - 132*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
Phenol-d5	*92*		*11 - 120*	*09/23/13 14:38*	*09/24/13 18:01*	*20*
p-Terphenyl-d14	*103*		*65 - 153*	*09/23/13 14:38*	*09/24/13 18:01*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**31000**		2150	2150	mg/Kg	☼		10/03/13 12:14	1

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-2

Date Collected: 09/19/13 11:30
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 35.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	18000	U	18000	270	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
1,2-Dichlorobenzene	18000	U	18000	180	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
1,3-Dichlorobenzene	18000	U	18000	170	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
1,4-Dichlorobenzene	18000	U	18000	120	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,2'-Oxybis(1-chloropropane)	9300	U	9300	970	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,4,5-Trichlorophenol	9300	U	9300	2000	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,4,6-Trichlorophenol	9300	U	9300	610	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,4-Dichlorophenol	9300	U	9300	490	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,4-Dimethylphenol	9300	U	9300	2500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,4-Dinitrophenol	18000	U	18000	3200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-002
Date Collected: 09/19/13 11:30
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-2
Matrix: Solid
Percent Solids: 35.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	9300	U	9300	1400	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2,6-Dinitrotoluene	9300	U	9300	2300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2-Chloronaphthalene	9300	U	9300	620	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2-Chlorophenol	9300	U	9300	470	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2-Methylnaphthalene	9300	U	9300	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2-Methylphenol	9300	U	9300	280	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2-Nitroaniline	18000	U	18000	3000	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
2-Nitrophenol	9300	U	9300	420	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
3,3'-Dichlorobenzidine	9300	U	9300	8100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
3-Nitroaniline	18000	U	18000	2100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4,6-Dinitro-2-methylphenol	18000	U	18000	3200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Bromophenyl phenyl ether	9300	U	9300	2900	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Chloro-3-methylphenol	9300	U	9300	380	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Chloroaniline	9300	U	9300	2700	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Chlorophenyl phenyl ether	9300	U	9300	200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Methylphenol	18000	U	18000	520	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Nitroaniline	18000	U	18000	1000	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
4-Nitrophenol	18000	U	18000	2200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Acenaphthene	9300	U	9300	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Acenaphthylene	9300	U	9300	76	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Anthracene	9300	U	9300	240	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Benzaldehyde	9300	U	9300	1000	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Benzo(a)anthracene	9300	U	9300	160	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Benzo(a)pyrene	9300	U	9300	220	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Benzo(b)fluoranthene	9300	U	9300	180	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Benzo(g,h,i)perylene	9300	U	9300	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Benzo(k)fluoranthene	9300	U	9300	100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Bis(2-chloroethoxy)methane	9300	U	9300	500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Bis(2-chloroethyl)ether	9300	U	9300	800	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Bis(2-ethylhexyl) phthalate	9300	U	9300	3000	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Butyl benzyl phthalate	9300	U	9300	2500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Carbazole	9300	U	9300	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Chrysene	9300	U	9300	93	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Dibenz(a,h)anthracene	9300	U	9300	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Dibenzofuran	9300	U	9300	96	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Diethyl phthalate	9300	U	9300	280	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Dimethyl phthalate	9300	U	9300	240	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Di-n-butyl phthalate	9300	U	9300	3200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Di-n-octyl phthalate	9300	U	9300	220	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Fluoranthene	**1200**	**J**	9300	130	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Fluorene	9300	U	9300	210	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Hexachlorobenzene	9300	U	9300	460	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Hexachlorobutadiene	9300	U	9300	470	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Hexachlorocyclopentadiene	9300	U	9300	2800	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Hexachloroethane	9300	U	9300	720	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Indeno(1,2,3-cd)pyrene	9300	U	9300	260	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Isophorone	9300	U	9300	460	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Naphthalene	9300	U	9300	150	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Nitrobenzene	9300	U	9300	410	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20

Client Sample ID: SD-7830-091913-BP-002

Date Collected: 09/19/13 11:30
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-2

Matrix: Solid
Percent Solids: 35.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	9300	U	9300	730	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
N-Nitrosodiphenylamine	9300	U	9300	510	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Pentachlorophenol	18000	U	18000	3200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Phenanthrene	**570**	**J**	9300	190	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Phenol	9300	U	9300	970	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20
Pyrene	**1300**	**J**	9300	60	ug/Kg	☼	09/23/13 14:38	09/24/13 18:25	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Lidocaine	*9300*	*U*	*ug/Kg*	☼		*137-58-6*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
Phenobarbital	*9300*	*U*	*ug/Kg*	☼		*50-06-6*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/23/13 14:38*	*09/24/13 18:25*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*39 - 146*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
2-Fluorobiphenyl	*88*		*37 - 120*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
2-Fluorophenol	*88*		*18 - 120*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
Nitrobenzene-d5	*77*		*34 - 132*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
Phenol-d5	*83*		*11 - 120*	*09/23/13 14:38*	*09/24/13 18:25*	*20*
p-Terphenyl-d14	*97*		*65 - 153*	*09/23/13 14:38*	*09/24/13 18:25*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**98900**		2810	2810	mg/Kg	☼		10/03/13 12:14	1

Client Sample ID: SD-7830-091913-BP-003

Date Collected: 09/19/13 13:45
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-3

Matrix: Solid
Percent Solids: 37.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	8700	U	8700	130	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
1,2-Dichlorobenzene	8700	U	8700	85	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
1,3-Dichlorobenzene	8700	U	8700	80	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
1,4-Dichlorobenzene	8700	U	8700	59	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,2'-Oxybis(1-chloropropane)	4500	U	4500	460	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,4,5-Trichlorophenol	4500	U	4500	970	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,4,6-Trichlorophenol	4500	U	4500	290	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,4-Dichlorophenol	4500	U	4500	230	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,4-Dimethylphenol	4500	U	4500	1200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,4-Dinitrophenol	8700	U	8700	1600	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,4-Dinitrotoluene	4500	U	4500	690	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2,6-Dinitrotoluene	4500	U	4500	1100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2-Chloronaphthalene	4500	U	4500	300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2-Chlorophenol	4500	U	4500	230	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2-Methylnaphthalene	4500	U	4500	54	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2-Methylphenol	4500	U	4500	140	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2-Nitroaniline	8700	U	8700	1400	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
2-Nitrophenol	4500	U	4500	200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
3,3'-Dichlorobenzidine	4500	U	4500	3900	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
3-Nitroaniline	8700	U	8700	1000	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-003
Date Collected: 09/19/13 13:45
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-3
Matrix: Solid
Percent Solids: 37.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	8700	U	8700	1500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Bromophenyl phenyl ether	4500	U	4500	1400	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Chloro-3-methylphenol	4500	U	4500	180	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Chloroaniline	4500	U	4500	1300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Chlorophenyl phenyl ether	4500	U	4500	95	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Methylphenol	8700	U	8700	250	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Nitroaniline	8700	U	8700	500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
4-Nitrophenol	8700	U	8700	1100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Acenaphthene	4500	U	4500	52	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Acenaphthylene	4500	U	4500	36	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Anthracene	4500	U	4500	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Benzaldehyde	4500	U	4500	490	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Benzo(a)anthracene	4500	U	4500	77	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Benzo(a)pyrene	4500	U	4500	110	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Benzo(b)fluoranthene	4500	U	4500	86	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Benzo(g,h,i)perylene	4500	U	4500	53	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Benzo(k)fluoranthene	4500	U	4500	49	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Bis(2-chloroethoxy)methane	4500	U	4500	240	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Bis(2-chloroethyl)ether	4500	U	4500	380	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Bis(2-ethylhexyl) phthalate	4500	U	4500	1400	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Butyl benzyl phthalate	4500	U	4500	1200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Carbazole	4500	U	4500	51	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Chrysene	4500	U	4500	44	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Dibenz(a,h)anthracene	4500	U	4500	52	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Dibenzofuran	4500	U	4500	46	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Diethyl phthalate	4500	U	4500	130	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Dimethyl phthalate	4500	U	4500	120	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Di-n-butyl phthalate	4500	U	4500	1500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Di-n-octyl phthalate	4500	U	4500	100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Fluoranthene	**360**	**J**	4500	64	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Fluorene	4500	U	4500	100	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Hexachlorobenzene	4500	U	4500	220	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Hexachlorobutadiene	4500	U	4500	230	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Hexachlorocyclopentadiene	4500	U	4500	1300	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Hexachloroethane	4500	U	4500	340	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Indeno(1,2,3-cd)pyrene	4500	U	4500	120	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Isophorone	4500	U	4500	220	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Naphthalene	4500	U	4500	74	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Nitrobenzene	4500	U	4500	200	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
N-Nitrosodi-n-propylamine	4500	U	4500	350	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
N-Nitrosodiphenylamine	4500	U	4500	240	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Pentachlorophenol	8700	U	8700	1500	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Phenanthrene	4500	U	4500	93	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Phenol	4500	U	4500	470	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10
Pyrene	**470**	**J**	4500	29	ug/Kg	☼	09/23/13 14:38	09/24/13 18:50	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Lidocaine	*4500*	*U*	*ug/Kg*	☼		*137-58-6*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
Phenobarbital	*4500*	*U*	*ug/Kg*	☼		*50-06-6*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/23/13 14:38*	*09/24/13 18:50*	*10*

Client Sample ID: SD-7830-091913-BP-003

Lab Sample ID: 480-46192-3

Date Collected: 09/19/13 13:45
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 37.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*39 - 146*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
2-Fluorobiphenyl	*92*		*37 - 120*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
2-Fluorophenol	*51*		*18 - 120*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
Nitrobenzene-d5	*87*		*34 - 132*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
Phenol-d5	*95*		*11 - 120*	*09/23/13 14:38*	*09/24/13 18:50*	*10*
p-Terphenyl-d14	*110*		*65 - 153*	*09/23/13 14:38*	*09/24/13 18:50*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**126000**		2640	2640	mg/Kg	☼		10/03/13 12:14	1

Client Sample ID: SD-7830-091913-BP-004

Lab Sample ID: 480-46192-4

Date Collected: 09/19/13 15:15
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 50.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	3200	U	3200	47	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
1,2-Dichlorobenzene	3200	U	3200	31	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
1,3-Dichlorobenzene	3200	U	3200	29	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
1,4-Dichlorobenzene	3200	U	3200	21	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,2'-Oxybis(1-chloropropane)	1600	U	1600	170	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,4,5-Trichlorophenol	1600	U	1600	360	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,4,6-Trichlorophenol	1600	U	1600	110	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,4-Dichlorophenol	1600	U	1600	85	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,4-Dimethylphenol	1600	U	1600	440	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,4-Dinitrophenol	3200	U	3200	570	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,4-Dinitrotoluene	1600	U	1600	250	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2,6-Dinitrotoluene	1600	U	1600	400	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2-Chloronaphthalene	1600	U	1600	110	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2-Chlorophenol	1600	U	1600	83	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2-Methylnaphthalene	1600	U	1600	20	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2-Methylphenol	1600	U	1600	50	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2-Nitroaniline	3200	U	3200	520	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
2-Nitrophenol	1600	U	1600	74	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
3,3'-Dichlorobenzidine	1600	U	1600	1400	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
3-Nitroaniline	3200	U	3200	370	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4,6-Dinitro-2-methylphenol	3200	U	3200	560	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Bromophenyl phenyl ether	1600	U	1600	520	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Chloro-3-methylphenol	1600	U	1600	67	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Chloroaniline	1600	U	1600	480	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Chlorophenyl phenyl ether	1600	U	1600	35	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Methylphenol	3200	U	3200	91	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Nitroaniline	3200	U	3200	180	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
4-Nitrophenol	3200	U	3200	390	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Acenaphthene	1600	U	1600	19	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Acenaphthylene	1600	U	1600	13	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Anthracene	1600	U	1600	42	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Benzaldehyde	1600	U	1600	180	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Benzo(a)anthracene	**370**	**J**	1600	28	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-004
Date Collected: 09/19/13 15:15
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-4
Matrix: Solid
Percent Solids: 50.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(a)pyrene	**380**	**J**	1600	39	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Benzo(b)fluoranthene	1600	U	1600	32	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Benzo(g,h,i)perylene	1600	U	1600	20	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Benzo(k)fluoranthene	1600	U	1600	18	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Bis(2-chloroethoxy)methane	1600	U	1600	89	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Bis(2-chloroethyl)ether	1600	U	1600	140	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Bis(2-ethylhexyl) phthalate	1600	U	1600	520	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Butyl benzyl phthalate	1600	U	1600	440	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Carbazole	1600	U	1600	19	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Chrysene	**310**	**J**	1600	16	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Dibenz(a,h)anthracene	1600	U	1600	19	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Dibenzofuran	1600	U	1600	17	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Diethyl phthalate	1600	U	1600	49	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Dimethyl phthalate	1600	U	1600	42	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Di-n-butyl phthalate	1600	U	1600	560	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Di-n-octyl phthalate	1600	U	1600	38	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Fluoranthene	**520**	**J**	1600	24	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Fluorene	1600	U	1600	38	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Hexachlorobenzene	1600	U	1600	81	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Hexachlorobutadiene	1600	U	1600	83	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Hexachlorocyclopentadiene	1600	U	1600	490	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Hexachloroethane	1600	U	1600	130	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Indeno(1,2,3-cd)pyrene	1600	U	1600	45	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Isophorone	1600	U	1600	81	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Naphthalene	1600	U	1600	27	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Nitrobenzene	1600	U	1600	72	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
N-Nitrosodi-n-propylamine	1600	U	1600	130	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
N-Nitrosodiphenylamine	1600	U	1600	89	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Pentachlorophenol	3200	U	3200	560	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Phenanthrene	**210**	**J**	1600	34	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Phenol	1600	U	1600	170	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5
Pyrene	**550**	**J**	1600	11	ug/Kg	☼	09/23/13 14:38	09/24/13 19:15	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Lidocaine	*1600*	*U*	*ug/Kg*	☼		*137-58-6*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
Phenobarbital	*1600*	*U*	*ug/Kg*	☼		*50-06-6*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/23/13 14:38*	*09/24/13 19:15*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*39 - 146*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
2-Fluorobiphenyl	*92*		*37 - 120*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
2-Fluorophenol	*81*		*18 - 120*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
Nitrobenzene-d5	*94*		*34 - 132*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
Phenol-d5	*93*		*11 - 120*	*09/23/13 14:38*	*09/24/13 19:15*	*5*
p-Terphenyl-d14	*113*		*65 - 153*	*09/23/13 14:38*	*09/24/13 19:15*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**81400**		1970	1970	mg/Kg	☼		10/03/13 12:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001
Date Collected: 09/19/13 11:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-5
Matrix: Solid
Percent Solids: 37.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	9.6	U	9.6	0.69	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,1,2,2-Tetrachloroethane	9.6	U	9.6	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	9.6	U	9.6	2.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,1,2-Trichloroethane	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,1-Dichloroethane	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,1-Dichloroethene	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,2,4-Trichlorobenzene	9.6	U	9.6	0.58	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,2-Dibromo-3-Chloropropane	9.6	U	9.6	4.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,2-Dibromoethane	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,2-Dichlorobenzene	9.6	U	9.6	0.75	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,2-Dichloroethane	9.6	U	9.6	0.48	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,2-Dichloropropane	9.6	U	9.6	4.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,3-Dichlorobenzene	9.6	U	9.6	0.49	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
1,4-Dichlorobenzene	9.6	U	9.6	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
2-Butanone (MEK)	**56**		48	3.5	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
2-Hexanone	48	U	48	4.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
4-Methyl-2-pentanone (MIBK)	48	U	48	3.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Acetone	**220**		48	8.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Benzene	9.6	U	9.6	0.47	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Bromodichloromethane	9.6	U	9.6	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Bromoform	9.6	U	9.6	4.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Bromomethane	9.6	U	9.6	0.86	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Carbon disulfide	9.6	U	9.6	4.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Carbon tetrachloride	9.6	U	9.6	0.93	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Chlorobenzene	9.6	U	9.6	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Chloroethane	9.6	U	9.6	2.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Chloroform	9.6	U	9.6	0.59	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Chloromethane	9.6	U	9.6	0.58	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
cis-1,2-Dichloroethene	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
cis-1,3-Dichloropropene	9.6	U	9.6	1.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Cyclohexane	**3.7**	**J**	9.6	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Dibromochloromethane	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Dichlorodifluoromethane	9.6	U	9.6	0.79	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Ethyl ether	**12**	**J**	48	4.0	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Ethylbenzene	9.6	U	9.6	0.66	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Isopropylbenzene	9.6	U	9.6	1.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
m,p-Xylene	19	U	19	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Methyl acetate	9.6	U	9.6	1.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Methyl tert-butyl ether	9.6	U	9.6	0.94	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Methylcyclohexane	9.6	U	9.6	1.5	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Methylene Chloride	9.6	U	9.6	4.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
o-Xylene	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Styrene	9.6	U	9.6	0.48	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Tetrachloroethene	9.6	U	9.6	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Toluene	9.6	U	9.6	0.72	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
trans-1,2-Dichloroethene	9.6	U	9.6	0.99	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
trans-1,3-Dichloropropene	9.6	U	9.6	4.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Trichloroethene	9.6	U	9.6	2.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Trichlorofluoromethane	9.6	U	9.6	0.90	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-5

Date Collected: 09/19/13 11:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 37.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	9.6	U	9.6	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1
Xylenes, Total	19	U	19	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Octanone	*74*	*T J N*	*ug/Kg*	☼	*10.28*	*106-68-3*	*09/20/13 13:41*	*09/20/13 18:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*09/20/13 13:41*	*09/20/13 18:12*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*09/20/13 13:41*	*09/20/13 18:12*	*1*
Toluene-d8 (Surr)	*113*		*71 - 125*	*09/20/13 13:41*	*09/20/13 18:12*	*1*

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-6

Date Collected: 09/19/13 11:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 31.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	13	U	13	0.92	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,1,2,2-Tetrachloroethane	13	U	13	2.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	2.9	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,1,2-Trichloroethane	13	U	13	1.7	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,1-Dichloroethane	13	U	13	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,1-Dichloroethene	13	U	13	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,2,4-Trichlorobenzene	13	U	13	0.77	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,2-Dibromo-3-Chloropropane	13	U	13	6.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,2-Dibromoethane	13	U	13	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,2-Dichlorobenzene	13	U	13	0.99	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,2-Dichloroethane	13	U	13	0.64	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,2-Dichloropropane	13	U	13	6.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,3-Dichlorobenzene	13	U	13	0.65	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
1,4-Dichlorobenzene	13	U	13	1.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
2-Butanone (MEK)	**34**	**J**	64	4.7	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
2-Hexanone	64	U	64	6.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
4-Methyl-2-pentanone (MIBK)	64	U	64	4.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Acetone	**150**		64	11	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Benzene	13	U	13	0.62	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Bromodichloromethane	13	U	13	1.7	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Bromoform	13	U	13	6.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Bromomethane	13	U	13	1.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Carbon disulfide	13	U	13	6.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Carbon tetrachloride	13	U	13	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Chlorobenzene	13	U	13	1.7	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Chloroethane	13	U	13	2.9	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Chloroform	13	U	13	0.79	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Chloromethane	13	U	13	0.77	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
cis-1,2-Dichloroethene	13	U	13	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
cis-1,3-Dichloropropene	13	U	13	1.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Cyclohexane	**8.9**	**J**	13	1.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Dibromochloromethane	13	U	13	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Dichlorodifluoromethane	13	U	13	1.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-6

Date Collected: 09/19/13 11:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 31.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl ether	64	U	64	5.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Ethylbenzene	13	U	13	0.88	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Isopropylbenzene	13	U	13	1.9	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
m,p-Xylene	25	U	25	2.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Methyl acetate	13	U	13	2.4	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Methyl tert-butyl ether	13	U	13	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Methylcyclohexane	13	U	13	1.9	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Methylene Chloride	13	U	13	5.9	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
o-Xylene	13	U	13	1.7	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Styrene	13	U	13	0.64	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Tetrachloroethene	13	U	13	1.7	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Toluene	13	U	13	0.96	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
trans-1,2-Dichloroethene	13	U	13	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
trans-1,3-Dichloropropene	13	U	13	5.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Trichloroethene	13	U	13	2.8	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Trichlorofluoromethane	13	U	13	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Vinyl chloride	13	U	13	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1
Xylenes, Total	25	U	25	2.1	ug/Kg	☼	09/20/13 13:41	09/20/13 18:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/20/13 13:41*	*09/20/13 18:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*09/20/13 13:41*	*09/20/13 18:37*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*09/20/13 13:41*	*09/20/13 18:37*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/20/13 13:41*	*09/20/13 18:37*	*1*

Client Sample ID: SD-7830-091913-BP-003

Lab Sample ID: 480-46192-7

Date Collected: 09/19/13 13:30
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 46.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	9.3	U	9.3	0.67	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,1,2,2-Tetrachloroethane	9.3	U	9.3	1.5	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	9.3	U	9.3	2.1	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,1,2-Trichloroethane	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,1-Dichloroethane	9.3	U	9.3	1.1	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,1-Dichloroethene	9.3	U	9.3	1.1	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,2,4-Trichlorobenzene	9.3	U	9.3	0.56	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,2-Dibromo-3-Chloropropane	9.3	U	9.3	4.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,2-Dibromoethane	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,2-Dichlorobenzene	9.3	U	9.3	0.72	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,2-Dichloroethane	9.3	U	9.3	0.47	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,2-Dichloropropane	9.3	U	9.3	4.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,3-Dichlorobenzene	9.3	U	9.3	0.48	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
1,4-Dichlorobenzene	9.3	U	9.3	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
2-Butanone (MEK)	**43**	**J**	46	3.4	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
2-Hexanone	46	U	46	4.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
4-Methyl-2-pentanone (MIBK)	46	U	46	3.0	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1

Client Sample ID: SD-7830-091913-BP-003
Date Collected: 09/19/13 13:30
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-7
Matrix: Solid
Percent Solids: 46.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	170		46	7.8	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Benzene	9.3	U	9.3	0.45	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Bromodichloromethane	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Bromoform	9.3	U	9.3	4.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Bromomethane	9.3	U	9.3	0.83	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Carbon disulfide	9.3	U	9.3	4.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Carbon tetrachloride	9.3	U	9.3	0.90	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Chlorobenzene	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Chloroethane	9.3	U	9.3	2.1	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Chloroform	9.3	U	9.3	0.57	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Chloromethane	9.3	U	9.3	0.56	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
cis-1,2-Dichloroethene	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
cis-1,3-Dichloropropene	9.3	U	9.3	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Cyclohexane	9.3	U	9.3	1.3	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Dibromochloromethane	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Dichlorodifluoromethane	9.3	U	9.3	0.77	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Ethyl ether	46	U	46	3.9	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Ethylbenzene	9.3	U	9.3	0.64	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Isopropylbenzene	9.3	U	9.3	1.4	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
m,p-Xylene	19	U	19	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Methyl acetate	9.3	U	9.3	1.7	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Methyl tert-butyl ether	9.3	U	9.3	0.91	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Methylcyclohexane	9.3	U	9.3	1.4	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Methylene Chloride	9.3	U	9.3	4.3	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
o-Xylene	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Styrene	9.3	U	9.3	0.46	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Tetrachloroethene	9.3	U	9.3	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Toluene	9.3	U	9.3	0.70	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
trans-1,2-Dichloroethene	9.3	U	9.3	0.96	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
trans-1,3-Dichloropropene	9.3	U	9.3	4.1	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Trichloroethene	9.3	U	9.3	2.0	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Trichlorofluoromethane	9.3	U	9.3	0.88	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Vinyl chloride	9.3	U	9.3	1.1	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1
Xylenes, Total	19	U	19	1.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/20/13 13:41*	*09/20/13 19:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*09/20/13 13:41*	*09/20/13 19:03*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*09/20/13 13:41*	*09/20/13 19:03*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*09/20/13 13:41*	*09/20/13 19:03*	*1*

Client Sample ID: SD-7830-091913-BP-004
Date Collected: 09/19/13 15:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-8
Matrix: Solid
Percent Solids: 46.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.5	U	5.5	0.40	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-004
Date Collected: 09/19/13 15:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-8
Matrix: Solid
Percent Solids: 46.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	5.5	U	5.5	0.89	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U	5.5	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,1,2-Trichloroethane	5.5	U	5.5	0.71	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,1-Dichloroethane	5.5	U	5.5	0.67	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,1-Dichloroethene	5.5	U	5.5	0.67	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,2,4-Trichlorobenzene	5.5	U	5.5	0.33	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,2-Dibromo-3-Chloropropane	5.5	U	5.5	2.7	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,2-Dibromoethane	5.5	U	5.5	0.70	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,2-Dichlorobenzene	5.5	U	5.5	0.43	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,2-Dichloroethane	5.5	U	5.5	0.27	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,2-Dichloropropane	5.5	U	5.5	2.7	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,3-Dichlorobenzene	5.5	U	5.5	0.28	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
1,4-Dichlorobenzene	5.5	U	5.5	0.77	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
2-Butanone (MEK)	27	U	27	2.0	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
2-Hexanone	27	U	27	2.7	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
4-Methyl-2-pentanone (MIBK)	27	U	27	1.8	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Acetone	**8.9**	**J**	27	4.6	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Benzene	5.5	U	5.5	0.27	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Bromodichloromethane	5.5	U	5.5	0.73	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Bromoform	5.5	U	5.5	2.7	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Bromomethane	5.5	U	5.5	0.49	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Carbon disulfide	5.5	U	5.5	2.7	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Carbon tetrachloride	5.5	U	5.5	0.53	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Chlorobenzene	5.5	U	5.5	0.72	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Chloroethane	5.5	U	5.5	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Chloroform	5.5	U	5.5	0.34	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Chloromethane	5.5	U	5.5	0.33	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
cis-1,2-Dichloroethene	5.5	U	5.5	0.70	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
cis-1,3-Dichloropropene	5.5	U	5.5	0.79	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Cyclohexane	5.5	U	5.5	0.77	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Dibromochloromethane	5.5	U	5.5	0.70	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Dichlorodifluoromethane	5.5	U	5.5	0.45	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Ethyl ether	27	U	27	2.3	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Ethylbenzene	5.5	U	5.5	0.38	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Isopropylbenzene	5.5	U	5.5	0.83	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
m,p-Xylene	11	U	11	0.92	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Methyl acetate	5.5	U	5.5	1.0	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Methyl tert-butyl ether	5.5	U	5.5	0.54	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Methylcyclohexane	5.5	U	5.5	0.83	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Methylene Chloride	5.5	U	5.5	2.5	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
o-Xylene	5.5	U	5.5	0.72	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Styrene	5.5	U	5.5	0.27	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Tetrachloroethene	5.5	U	5.5	0.73	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Toluene	5.5	U	5.5	0.41	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
trans-1,2-Dichloroethene	5.5	U	5.5	0.57	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
trans-1,3-Dichloropropene	5.5	U	5.5	2.4	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Trichloroethene	5.5	U	5.5	1.2	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Trichlorofluoromethane	5.5	U	5.5	0.52	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1
Vinyl chloride	5.5	U	5.5	0.67	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-004

Lab Sample ID: 480-46192-8
Date Collected: 09/19/13 15:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 46.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	11	U	11	0.92	ug/Kg	☼	09/20/13 13:41	09/20/13 19:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/20/13 13:41*	*09/20/13 19:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*09/20/13 13:41*	*09/20/13 19:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*09/20/13 13:41*	*09/20/13 19:28*	*1*
Toluene-d8 (Surr)	*113*		*71 - 125*	*09/20/13 13:41*	*09/20/13 19:28*	*1*

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-9
Date Collected: 09/19/13 11:05
Matrix: Water
Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 04:48	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 04:48	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 04:48	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 04:48	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 04:48	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 04:48	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 04:48	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 04:48	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 04:48	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 04:48	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 04:48	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 04:48	1
Acetone	10	U	10	3.0	ug/L			09/21/13 04:48	1
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 04:48	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 04:48	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 04:48	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 04:48	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 04:48	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 04:48	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 04:48	1
Chloroethane	10	U	10	0.32	ug/L			09/21/13 04:48	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 04:48	1
Chloromethane	10	U	10	0.35	ug/L			09/21/13 04:48	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 04:48	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 04:48	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 04:48	1
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 04:48	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 04:48	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 04:48	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 04:48	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 04:48	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 04:48	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 04:48	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 04:48	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001
Date Collected: 09/19/13 11:05
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 04:48	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 04:48	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 04:48	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 04:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/21/13 04:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*09/21/13 04:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/21/13 04:48*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*		*09/21/13 04:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	9.5	U	9.5	0.42	ug/L		09/25/13 07:39	09/26/13 16:05	1
1,2-Dichlorobenzene	9.5	U	9.5	0.38	ug/L		09/25/13 07:39	09/26/13 16:05	1
1,3-Dichlorobenzene	9.5	U	9.5	0.45	ug/L		09/25/13 07:39	09/26/13 16:05	1
1,4-Dichlorobenzene	9.5	U	9.5	0.43	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	0.49	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,4,5-Trichlorophenol	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,4,6-Trichlorophenol	4.7	U	4.7	0.58	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,4-Dichlorophenol	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,4-Dimethylphenol	4.7	U	4.7	0.47	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,4-Dinitrophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,4-Dinitrotoluene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 16:05	1
2,6-Dinitrotoluene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:05	1
2-Chloronaphthalene	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:05	1
2-Chlorophenol	4.7	U	4.7	0.50	ug/L		09/25/13 07:39	09/26/13 16:05	1
2-Methylnaphthalene	4.7	U	4.7	0.57	ug/L		09/25/13 07:39	09/26/13 16:05	1
2-Methylphenol	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:05	1
2-Nitroaniline	9.5	U	9.5	0.40	ug/L		09/25/13 07:39	09/26/13 16:05	1
2-Nitrophenol	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:05	1
3,3'-Dichlorobenzidine	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:05	1
3-Nitroaniline	9.5	U *	9.5	0.45	ug/L		09/25/13 07:39	09/26/13 16:05	1
4,6-Dinitro-2-methylphenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Bromophenyl phenyl ether	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Chloro-3-methylphenol	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Chloroaniline	4.7	U *	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Chlorophenyl phenyl ether	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Methylphenol	9.5	U	9.5	0.34	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Nitroaniline	9.5	U	9.5	0.24	ug/L		09/25/13 07:39	09/26/13 16:05	1
4-Nitrophenol	9.5	U	9.5	1.4	ug/L		09/25/13 07:39	09/26/13 16:05	1
Acenaphthene	4.7	U	4.7	0.39	ug/L		09/25/13 07:39	09/26/13 16:05	1
Acenaphthylene	4.7	U	4.7	0.36	ug/L		09/25/13 07:39	09/26/13 16:05	1
Anthracene	4.7	U	4.7	0.26	ug/L		09/25/13 07:39	09/26/13 16:05	1
Benzaldehyde	4.7	U	4.7	0.25	ug/L		09/25/13 07:39	09/26/13 16:05	1
Benzo(a)anthracene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:05	1
Benzo(a)pyrene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:05	1
Benzo(b)fluoranthene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 16:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001
Date Collected: 09/19/13 11:05
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(g,h,i)perylene	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:05	1
Benzo(k)fluoranthene	4.7	U	4.7	0.69	ug/L		09/25/13 07:39	09/26/13 16:05	1
Bis(2-chloroethoxy)methane	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:05	1
Bis(2-chloroethyl)ether	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:05	1
Bis(2-ethylhexyl) phthalate	4.7	U	4.7	1.7	ug/L		09/25/13 07:39	09/26/13 16:05	1
Butyl benzyl phthalate	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 16:05	1
Carbazole	4.7	U	4.7	0.28	ug/L		09/25/13 07:39	09/26/13 16:05	1
Chrysene	4.7	U	4.7	0.31	ug/L		09/25/13 07:39	09/26/13 16:05	1
Dibenz(a,h)anthracene	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 16:05	1
Dibenzofuran	9.5	U	9.5	0.48	ug/L		09/25/13 07:39	09/26/13 16:05	1
Diethyl phthalate	4.7	U	4.7	0.21	ug/L		09/25/13 07:39	09/26/13 16:05	1
Dimethyl phthalate	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:05	1
Di-n-butyl phthalate	**1.1**	**J**	4.7	0.29	ug/L		09/25/13 07:39	09/26/13 16:05	1
Di-n-octyl phthalate	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:05	1
Fluoranthene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:05	1
Fluorene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:05	1
Hexachlorobenzene	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:05	1
Hexachlorobutadiene	4.7	U	4.7	0.64	ug/L		09/25/13 07:39	09/26/13 16:05	1
Hexachlorocyclopentadiene	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:05	1
Hexachloroethane	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:05	1
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:05	1
Isophorone	4.7	U	4.7	0.41	ug/L		09/25/13 07:39	09/26/13 16:05	1
Naphthalene	4.7	U	4.7	0.72	ug/L		09/25/13 07:39	09/26/13 16:05	1
Nitrobenzene	4.7	U	4.7	0.27	ug/L		09/25/13 07:39	09/26/13 16:05	1
N-Nitrosodi-n-propylamine	4.7	U	4.7	0.51	ug/L		09/25/13 07:39	09/26/13 16:05	1
N-Nitrosodiphenylamine	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:05	1
Pentachlorophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:05	1
Phenanthrene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 16:05	1
Phenol	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 16:05	1
Pyrene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 16:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*3.22*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*14*	*T J*	*ug/L*		*3.31*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Cyclohexane	*27*	*T J N*	*ug/L*		*3.39*	*110-82-7*	*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*19*	*T J*	*ug/L*		*3.46*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*520*	*T J*	*ug/L*		*3.53*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
p-Xylene	*22*	*T J N*	*ug/L*		*5.24*	*106-42-3*	*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*41*	*T J*	*ug/L*		*10.15*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
n-Hexadecanoic acid	*11*	*T J N*	*ug/L*		*10.45*	*57-10-3*	*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*19*	*T J*	*ug/L*		*10.70*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*170*	*T J*	*ug/L*		*11.07*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*34*	*T J*	*ug/L*		*11.60*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*150*	*T J*	*ug/L*		*12.04*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*15*	*T J*	*ug/L*		*12.40*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*48*	*T J*	*ug/L*		*12.69*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*97*	*T J*	*ug/L*		*13.16*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*17*	*T J*	*ug/L*		*13.64*		*09/25/13 07:39*	*09/26/13 16:05*	*1*
Squalene	*9.8*	*T J N*	*ug/L*		*13.88*	*7683-64-9*	*09/25/13 07:39*	*09/26/13 16:05*	*1*
Unknown	*140*	*T J*	*ug/L*		*13.99*		*09/25/13 07:39*	*09/26/13 16:05*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-9

Date Collected: 09/19/13 11:05

Matrix: Water

Date Received: 09/20/13 02:00

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	36	T J	ug/L		15.06		09/25/13 07:39	09/26/13 16:05	1
Ethanedione, diphenyl-, dioxime	130	T J N	ug/L		15.45	23873-81-6	09/25/13 07:39	09/26/13 16:05	1
Lidocaine	4.7	U	ug/L			137-58-6	09/25/13 07:39	09/26/13 16:05	1
Phenobarbital	4.7	U	ug/L			50-06-6	09/25/13 07:39	09/26/13 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	09/25/13 07:39	09/26/13 16:05	1
2-Fluorobiphenyl	75		48 - 120	09/25/13 07:39	09/26/13 16:05	1
2-Fluorophenol	47		20 - 120	09/25/13 07:39	09/26/13 16:05	1
Nitrobenzene-d5	68		46 - 120	09/25/13 07:39	09/26/13 16:05	1
Phenol-d5	37		16 - 120	09/25/13 07:39	09/26/13 16:05	1
p-Terphenyl-d14	71		67 - 150	09/25/13 07:39	09/26/13 16:05	1

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-10

Date Collected: 09/19/13 11:05

Matrix: Water

Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 05:10	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 05:10	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 05:10	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 05:10	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 05:10	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 05:10	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 05:10	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 05:10	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 05:10	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 05:10	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 05:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 05:10	1
Acetone	**3.5**	**J**	10	3.0	ug/L			09/21/13 05:10	1
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 05:10	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 05:10	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 05:10	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 05:10	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 05:10	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 05:10	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 05:10	1
Chloroethane	10	U	10	0.32	ug/L			09/21/13 05:10	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 05:10	1
Chloromethane	10	U	10	0.35	ug/L			09/21/13 05:10	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 05:10	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 05:10	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 05:10	1
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 05:10	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 05:10	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 05:10	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 05:10	1

Client Sample ID: SD-7830-091913-BP-002
Date Collected: 09/19/13 11:05
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 05:10	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 05:10	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 05:10	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 05:10	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 05:10	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 05:10	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 05:10	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 05:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
tert-Butyldimethylsilanol	*4.1*	*T J N*	*ug/L*		*3.86*	*18173-64-3*		*09/21/13 05:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*09/21/13 05:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/21/13 05:10*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*		*09/21/13 05:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	9.5	U	9.5	0.42	ug/L		09/25/13 07:39	09/26/13 16:32	1
1,2-Dichlorobenzene	9.5	U	9.5	0.38	ug/L		09/25/13 07:39	09/26/13 16:32	1
1,3-Dichlorobenzene	9.5	U	9.5	0.46	ug/L		09/25/13 07:39	09/26/13 16:32	1
1,4-Dichlorobenzene	9.5	U	9.5	0.44	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	0.49	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,4,5-Trichlorophenol	4.7	U	4.7	0.46	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,4,6-Trichlorophenol	4.7	U	4.7	0.58	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,4-Dichlorophenol	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,4-Dimethylphenol	4.7	U	4.7	0.47	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,4-Dinitrophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,4-Dinitrotoluene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 16:32	1
2,6-Dinitrotoluene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:32	1
2-Chloronaphthalene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:32	1
2-Chlorophenol	4.7	U	4.7	0.50	ug/L		09/25/13 07:39	09/26/13 16:32	1
2-Methylnaphthalene	4.7	U	4.7	0.57	ug/L		09/25/13 07:39	09/26/13 16:32	1
2-Methylphenol	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:32	1
2-Nitroaniline	9.5	U	9.5	0.40	ug/L		09/25/13 07:39	09/26/13 16:32	1
2-Nitrophenol	4.7	U	4.7	0.46	ug/L		09/25/13 07:39	09/26/13 16:32	1
3,3'-Dichlorobenzidine	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:32	1
3-Nitroaniline	9.5	U *	9.5	0.46	ug/L		09/25/13 07:39	09/26/13 16:32	1
4,6-Dinitro-2-methylphenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Bromophenyl phenyl ether	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Chloro-3-methylphenol	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Chloroaniline	4.7	U *	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Chlorophenyl phenyl ether	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Methylphenol	9.5	U	9.5	0.34	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Nitroaniline	9.5	U	9.5	0.24	ug/L		09/25/13 07:39	09/26/13 16:32	1
4-Nitrophenol	9.5	U	9.5	1.4	ug/L		09/25/13 07:39	09/26/13 16:32	1
Acenaphthene	4.7	U	4.7	0.39	ug/L		09/25/13 07:39	09/26/13 16:32	1
Acenaphthylene	4.7	U	4.7	0.36	ug/L		09/25/13 07:39	09/26/13 16:32	1
Anthracene	4.7	U	4.7	0.27	ug/L		09/25/13 07:39	09/26/13 16:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-002
Date Collected: 09/19/13 11:05
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	4.7	U	4.7	0.25	ug/L		09/25/13 07:39	09/26/13 16:32	1
Benzo(a)anthracene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:32	1
Benzo(a)pyrene	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:32	1
Benzo(b)fluoranthene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 16:32	1
Benzo(g,h,i)perylene	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:32	1
Benzo(k)fluoranthene	4.7	U	4.7	0.69	ug/L		09/25/13 07:39	09/26/13 16:32	1
Bis(2-chloroethoxy)methane	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:32	1
Bis(2-chloroethyl)ether	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:32	1
Bis(2-ethylhexyl) phthalate	4.7	U	4.7	1.7	ug/L		09/25/13 07:39	09/26/13 16:32	1
Butyl benzyl phthalate	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 16:32	1
Carbazole	4.7	U	4.7	0.28	ug/L		09/25/13 07:39	09/26/13 16:32	1
Chrysene	4.7	U	4.7	0.31	ug/L		09/25/13 07:39	09/26/13 16:32	1
Dibenz(a,h)anthracene	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 16:32	1
Dibenzofuran	9.5	U	9.5	0.48	ug/L		09/25/13 07:39	09/26/13 16:32	1
Diethyl phthalate	4.7	U	4.7	0.21	ug/L		09/25/13 07:39	09/26/13 16:32	1
Dimethyl phthalate	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:32	1
Di-n-butyl phthalate	**0.61**	**J**	4.7	0.29	ug/L		09/25/13 07:39	09/26/13 16:32	1
Di-n-octyl phthalate	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:32	1
Fluoranthene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:32	1
Fluorene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:32	1
Hexachlorobenzene	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:32	1
Hexachlorobutadiene	4.7	U	4.7	0.65	ug/L		09/25/13 07:39	09/26/13 16:32	1
Hexachlorocyclopentadiene	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:32	1
Hexachloroethane	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:32	1
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:32	1
Isophorone	4.7	U	4.7	0.41	ug/L		09/25/13 07:39	09/26/13 16:32	1
Naphthalene	4.7	U	4.7	0.72	ug/L		09/25/13 07:39	09/26/13 16:32	1
Nitrobenzene	4.7	U	4.7	0.28	ug/L		09/25/13 07:39	09/26/13 16:32	1
N-Nitrosodi-n-propylamine	4.7	U	4.7	0.51	ug/L		09/25/13 07:39	09/26/13 16:32	1
N-Nitrosodiphenylamine	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:32	1
Pentachlorophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:32	1
Phenanthrene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 16:32	1
Phenol	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 16:32	1
Pyrene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 16:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*9.7*	*T J*	*ug/L*		*3.22*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*12*	*T J*	*ug/L*		*3.31*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Cyclohexane	*26*	*T J N*	*ug/L*		*3.39*	*110-82-7*	*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*470*	*T J*	*ug/L*		*3.53*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*22*	*T J*	*ug/L*		*5.24*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*25*	*T J*	*ug/L*		*10.15*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
n-Hexadecanoic acid	*9.3*	*T J N*	*ug/L*		*10.45*	*57-10-3*	*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*12*	*T J*	*ug/L*		*10.69*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*83*	*T J*	*ug/L*		*11.06*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*11.36*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*26*	*T J*	*ug/L*		*11.60*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*110*	*T J*	*ug/L*		*12.04*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*11*	*T J*	*ug/L*		*12.40*		*09/25/13 07:39*	*09/26/13 16:32*	*1*
Unknown	*36*	*T J*	*ug/L*		*12.69*		*09/25/13 07:39*	*09/26/13 16:32*	*1*

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-10

Date Collected: 09/19/13 11:05

Matrix: Water

Date Received: 09/20/13 02:00

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	83	T J	ug/L		13.16		09/25/13 07:39	09/26/13 16:32	1
Unknown	13	T J	ug/L		13.64		09/25/13 07:39	09/26/13 16:32	1
Unknown	4.2	T J	ug/L		13.75		09/25/13 07:39	09/26/13 16:32	1
Unknown	5.3	T J	ug/L		13.90		09/25/13 07:39	09/26/13 16:32	1
Unknown	86	T J	ug/L		13.99		09/25/13 07:39	09/26/13 16:32	1
Unknown	24	T J	ug/L		15.05		09/25/13 07:39	09/26/13 16:32	1
Lidocaine	4.7	U	ug/L			137-58-6	09/25/13 07:39	09/26/13 16:32	1
Phenobarbital	4.7	U	ug/L			50-06-6	09/25/13 07:39	09/26/13 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		52 - 132	09/25/13 07:39	09/26/13 16:32	1
2-Fluorobiphenyl	73		48 - 120	09/25/13 07:39	09/26/13 16:32	1
2-Fluorophenol	48		20 - 120	09/25/13 07:39	09/26/13 16:32	1
Nitrobenzene-d5	73		46 - 120	09/25/13 07:39	09/26/13 16:32	1
Phenol-d5	35		16 - 120	09/25/13 07:39	09/26/13 16:32	1
p-Terphenyl-d14	70		67 - 150	09/25/13 07:39	09/26/13 16:32	1

Client Sample ID: SD-7830-091913-BP-004

Lab Sample ID: 480-46192-11

Date Collected: 09/19/13 14:45

Matrix: Water

Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 05:32	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 05:32	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 05:32	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 05:32	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 05:32	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 05:32	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 05:32	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 05:32	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 05:32	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 05:32	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 05:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 05:32	1
Acetone	10	U	10	3.0	ug/L			09/21/13 05:32	1
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 05:32	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 05:32	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 05:32	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 05:32	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 05:32	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 05:32	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 05:32	1
Chloroethane	10	U	10	0.32	ug/L			09/21/13 05:32	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 05:32	1
Chloromethane	10	U	10	0.35	ug/L			09/21/13 05:32	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 05:32	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 05:32	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 05:32	1

Client Sample ID: SD-7830-091913-BP-004
Date Collected: 09/19/13 14:45
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 05:32	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 05:32	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 05:32	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 05:32	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 05:32	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 05:32	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 05:32	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 05:32	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 05:32	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 05:32	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 05:32	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 05:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/21/13 05:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*09/21/13 05:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/21/13 05:32*	*1*
Toluene-d8 (Surr)	*110*		*71 - 126*		*09/21/13 05:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	9.5	U	9.5	0.42	ug/L		09/25/13 07:39	09/26/13 16:59	1
1,2-Dichlorobenzene	9.5	U	9.5	0.38	ug/L		09/25/13 07:39	09/26/13 16:59	1
1,3-Dichlorobenzene	9.5	U	9.5	0.45	ug/L		09/25/13 07:39	09/26/13 16:59	1
1,4-Dichlorobenzene	9.5	U	9.5	0.44	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	0.49	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,4,5-Trichlorophenol	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,4,6-Trichlorophenol	4.7	U	4.7	0.58	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,4-Dichlorophenol	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,4-Dimethylphenol	4.7	U	4.7	0.47	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,4-Dinitrophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,4-Dinitrotoluene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 16:59	1
2,6-Dinitrotoluene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:59	1
2-Chloronaphthalene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:59	1
2-Chlorophenol	4.7	U	4.7	0.50	ug/L		09/25/13 07:39	09/26/13 16:59	1
2-Methylnaphthalene	4.7	U	4.7	0.57	ug/L		09/25/13 07:39	09/26/13 16:59	1
2-Methylphenol	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:59	1
2-Nitroaniline	9.5	U	9.5	0.40	ug/L		09/25/13 07:39	09/26/13 16:59	1
2-Nitrophenol	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 16:59	1
3,3'-Dichlorobenzidine	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:59	1
3-Nitroaniline	9.5	U *	9.5	0.45	ug/L		09/25/13 07:39	09/26/13 16:59	1
4,6-Dinitro-2-methylphenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:59	1
4-Bromophenyl phenyl ether	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:59	1
4-Chloro-3-methylphenol	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 16:59	1
4-Chloroaniline	4.7	U *	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:59	1
4-Chlorophenyl phenyl ether	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:59	1
4-Methylphenol	9.5	U	9.5	0.34	ug/L		09/25/13 07:39	09/26/13 16:59	1
4-Nitroaniline	9.5	U	9.5	0.24	ug/L		09/25/13 07:39	09/26/13 16:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-004
Date Collected: 09/19/13 14:45
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	9.5	U	9.5	1.4	ug/L		09/25/13 07:39	09/26/13 16:59	1
Acenaphthene	4.7	U	4.7	0.39	ug/L		09/25/13 07:39	09/26/13 16:59	1
Acenaphthylene	4.7	U	4.7	0.36	ug/L		09/25/13 07:39	09/26/13 16:59	1
Anthracene	4.7	U	4.7	0.26	ug/L		09/25/13 07:39	09/26/13 16:59	1
Benzaldehyde	4.7	U	4.7	0.25	ug/L		09/25/13 07:39	09/26/13 16:59	1
Benzo(a)anthracene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:59	1
Benzo(a)pyrene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:59	1
Benzo(b)fluoranthene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 16:59	1
Benzo(g,h,i)perylene	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:59	1
Benzo(k)fluoranthene	4.7	U	4.7	0.69	ug/L		09/25/13 07:39	09/26/13 16:59	1
Bis(2-chloroethoxy)methane	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 16:59	1
Bis(2-chloroethyl)ether	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:59	1
Bis(2-ethylhexyl) phthalate	4.7	U	4.7	1.7	ug/L		09/25/13 07:39	09/26/13 16:59	1
Butyl benzyl phthalate	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 16:59	1
Carbazole	4.7	U	4.7	0.28	ug/L		09/25/13 07:39	09/26/13 16:59	1
Chrysene	4.7	U	4.7	0.31	ug/L		09/25/13 07:39	09/26/13 16:59	1
Dibenz(a,h)anthracene	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 16:59	1
Dibenzofuran	9.5	U	9.5	0.48	ug/L		09/25/13 07:39	09/26/13 16:59	1
Diethyl phthalate	4.7	U	4.7	0.21	ug/L		09/25/13 07:39	09/26/13 16:59	1
Dimethyl phthalate	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:59	1
Di-n-butyl phthalate	**0.97**	**J**	4.7	0.29	ug/L		09/25/13 07:39	09/26/13 16:59	1
Di-n-octyl phthalate	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:59	1
Fluoranthene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 16:59	1
Fluorene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 16:59	1
Hexachlorobenzene	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:59	1
Hexachlorobutadiene	4.7	U	4.7	0.64	ug/L		09/25/13 07:39	09/26/13 16:59	1
Hexachlorocyclopentadiene	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:59	1
Hexachloroethane	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 16:59	1
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 16:59	1
Isophorone	4.7	U	4.7	0.41	ug/L		09/25/13 07:39	09/26/13 16:59	1
Naphthalene	4.7	U	4.7	0.72	ug/L		09/25/13 07:39	09/26/13 16:59	1
Nitrobenzene	4.7	U	4.7	0.27	ug/L		09/25/13 07:39	09/26/13 16:59	1
N-Nitrosodi-n-propylamine	4.7	U	4.7	0.51	ug/L		09/25/13 07:39	09/26/13 16:59	1
N-Nitrosodiphenylamine	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 16:59	1
Pentachlorophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 16:59	1
Phenanthrene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 16:59	1
Phenol	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 16:59	1
Pyrene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 16:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.8*	*T J*	*ug/L*		*3.21*		*09/25/13 07:39*	*09/26/13 16:59*	*1*
Unknown	*11*	*T J*	*ug/L*		*3.30*		*09/25/13 07:39*	*09/26/13 16:59*	*1*
Cyclohexane	*25*	*T J N*	*ug/L*		*3.40*	*110-82-7*	*09/25/13 07:39*	*09/26/13 16:59*	*1*
Unknown	*6.9*	*T J*	*ug/L*		*3.45*		*09/25/13 07:39*	*09/26/13 16:59*	*1*
Unknown	*450*	*T J*	*ug/L*		*3.52*		*09/25/13 07:39*	*09/26/13 16:59*	*1*
p-Xylene	*19*	*T J N*	*ug/L*		*5.24*	*106-42-3*	*09/25/13 07:39*	*09/26/13 16:59*	*1*
Unknown	*5.6*	*T J*	*ug/L*		*5.94*		*09/25/13 07:39*	*09/26/13 16:59*	*1*
Hexanoic acid, 2-ethyl-	*5.2*	*T J N*	*ug/L*		*6.80*	*149-57-5*	*09/25/13 07:39*	*09/26/13 16:59*	*1*
Unknown	*27*	*T J*	*ug/L*		*10.15*		*09/25/13 07:39*	*09/26/13 16:59*	*1*
n-Hexadecanoic acid	*8.9*	*T J N*	*ug/L*		*10.45*	*57-10-3*	*09/25/13 07:39*	*09/26/13 16:59*	*1*

Client Sample ID: SD-7830-091913-BP-004 — Lab Sample ID: 480-46192-11

Date Collected: 09/19/13 14:45 — **Matrix: Water**
Date Received: 09/20/13 02:00

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	12	T J	ug/L		10.70		09/25/13 07:39	09/26/13 16:59	1
Octadecanoic acid	84	T J N	ug/L		11.07	57-11-4	09/25/13 07:39	09/26/13 16:59	1
Unknown	22	T J	ug/L		11.60		09/25/13 07:39	09/26/13 16:59	1
Unknown	37	T J	ug/L		12.01		09/25/13 07:39	09/26/13 16:59	1
Unknown	9.0	T J	ug/L		12.39		09/25/13 07:39	09/26/13 16:59	1
Unknown	39	T J	ug/L		13.15		09/25/13 07:39	09/26/13 16:59	1
Unknown	11	T J	ug/L		13.64		09/25/13 07:39	09/26/13 16:59	1
9-Octadecenamide, (Z)-	6.6	T J N	ug/L		13.75	301-02-0	09/25/13 07:39	09/26/13 16:59	1
Unknown	8.1	T J	ug/L		14.47		09/25/13 07:39	09/26/13 16:59	1
Unknown	18	T J	ug/L		15.06		09/25/13 07:39	09/26/13 16:59	1
Lidocaine	4.7	U	ug/L			137-58-6	09/25/13 07:39	09/26/13 16:59	1
Phenobarbital	4.7	U	ug/L			50-06-6	09/25/13 07:39	09/26/13 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 132	09/25/13 07:39	09/26/13 16:59	1
2-Fluorobiphenyl	73		48 - 120	09/25/13 07:39	09/26/13 16:59	1
2-Fluorophenol	43		20 - 120	09/25/13 07:39	09/26/13 16:59	1
Nitrobenzene-d5	68		46 - 120	09/25/13 07:39	09/26/13 16:59	1
Phenol-d5	32		16 - 120	09/25/13 07:39	09/26/13 16:59	1
p-Terphenyl-d14	72		67 - 150	09/25/13 07:39	09/26/13 16:59	1

Client Sample ID: SD-7830-091913-BP-003 — Lab Sample ID: 480-46192-12

Date Collected: 09/19/13 13:30 — **Matrix: Water**
Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 05:54	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 05:54	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 05:54	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 05:54	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 05:54	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 05:54	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 05:54	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 05:54	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 05:54	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 05:54	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 05:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 05:54	1
Acetone	**4.1**	**J**	10	3.0	ug/L			09/21/13 05:54	1
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 05:54	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 05:54	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 05:54	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 05:54	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 05:54	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 05:54	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 05:54	1
Chloroethane	10	U	10	0.32	ug/L			09/21/13 05:54	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 05:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-003
Date Collected: 09/19/13 13:30
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	10	U	10	0.35	ug/L			09/21/13 05:54	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 05:54	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 05:54	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 05:54	1
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 05:54	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 05:54	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 05:54	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 05:54	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 05:54	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 05:54	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 05:54	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 05:54	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 05:54	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 05:54	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 05:54	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 05:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/21/13 05:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*09/21/13 05:54*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/21/13 05:54*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*09/21/13 05:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	9.6	U	9.6	0.42	ug/L		09/25/13 07:39	09/26/13 17:26	1
1,2-Dichlorobenzene	9.6	U	9.6	0.38	ug/L		09/25/13 07:39	09/26/13 17:26	1
1,3-Dichlorobenzene	9.6	U	9.6	0.46	ug/L		09/25/13 07:39	09/26/13 17:26	1
1,4-Dichlorobenzene	9.6	U	9.6	0.44	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,2'-Oxybis(1-chloropropane)	4.8	U	4.8	0.50	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.46	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.58	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,4-Dichlorophenol	4.8	U	4.8	0.49	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,4-Dimethylphenol	4.8	U	4.8	0.48	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,4-Dinitrophenol	9.6	U	9.6	2.1	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,4-Dinitrotoluene	4.8	U	4.8	0.43	ug/L		09/25/13 07:39	09/26/13 17:26	1
2,6-Dinitrotoluene	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:26	1
2-Chloronaphthalene	4.8	U	4.8	0.44	ug/L		09/25/13 07:39	09/26/13 17:26	1
2-Chlorophenol	4.8	U	4.8	0.51	ug/L		09/25/13 07:39	09/26/13 17:26	1
2-Methylnaphthalene	4.8	U	4.8	0.57	ug/L		09/25/13 07:39	09/26/13 17:26	1
2-Methylphenol	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:26	1
2-Nitroaniline	9.6	U	9.6	0.40	ug/L		09/25/13 07:39	09/26/13 17:26	1
2-Nitrophenol	4.8	U	4.8	0.46	ug/L		09/25/13 07:39	09/26/13 17:26	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:26	1
3-Nitroaniline	9.6	U *	9.6	0.46	ug/L		09/25/13 07:39	09/26/13 17:26	1
4,6-Dinitro-2-methylphenol	9.6	U	9.6	2.1	ug/L		09/25/13 07:39	09/26/13 17:26	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.43	ug/L		09/25/13 07:39	09/26/13 17:26	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.43	ug/L		09/25/13 07:39	09/26/13 17:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-003
Date Collected: 09/19/13 13:30
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	4.8	U *	4.8	0.56	ug/L		09/25/13 07:39	09/26/13 17:26	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.33	ug/L		09/25/13 07:39	09/26/13 17:26	1
4-Methylphenol	9.6	U	9.6	0.34	ug/L		09/25/13 07:39	09/26/13 17:26	1
4-Nitroaniline	9.6	U	9.6	0.24	ug/L		09/25/13 07:39	09/26/13 17:26	1
4-Nitrophenol	9.6	U	9.6	1.5	ug/L		09/25/13 07:39	09/26/13 17:26	1
Acenaphthene	4.8	U	4.8	0.39	ug/L		09/25/13 07:39	09/26/13 17:26	1
Acenaphthylene	4.8	U	4.8	0.36	ug/L		09/25/13 07:39	09/26/13 17:26	1
Anthracene	4.8	U	4.8	0.27	ug/L		09/25/13 07:39	09/26/13 17:26	1
Benzaldehyde	4.8	U	4.8	0.26	ug/L		09/25/13 07:39	09/26/13 17:26	1
Benzo(a)anthracene	4.8	U	4.8	0.34	ug/L		09/25/13 07:39	09/26/13 17:26	1
Benzo(a)pyrene	4.8	U	4.8	0.45	ug/L		09/25/13 07:39	09/26/13 17:26	1
Benzo(b)fluoranthene	4.8	U	4.8	0.32	ug/L		09/25/13 07:39	09/26/13 17:26	1
Benzo(g,h,i)perylene	4.8	U	4.8	0.33	ug/L		09/25/13 07:39	09/26/13 17:26	1
Benzo(k)fluoranthene	4.8	U	4.8	0.70	ug/L		09/25/13 07:39	09/26/13 17:26	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.33	ug/L		09/25/13 07:39	09/26/13 17:26	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:26	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.7	ug/L		09/25/13 07:39	09/26/13 17:26	1
Butyl benzyl phthalate	**0.63**	**J**	4.8	0.40	ug/L		09/25/13 07:39	09/26/13 17:26	1
Carbazole	4.8	U	4.8	0.29	ug/L		09/25/13 07:39	09/26/13 17:26	1
Chrysene	4.8	U	4.8	0.32	ug/L		09/25/13 07:39	09/26/13 17:26	1
Dibenz(a,h)anthracene	4.8	U	4.8	0.40	ug/L		09/25/13 07:39	09/26/13 17:26	1
Dibenzofuran	9.6	U	9.6	0.49	ug/L		09/25/13 07:39	09/26/13 17:26	1
Diethyl phthalate	4.8	U	4.8	0.21	ug/L		09/25/13 07:39	09/26/13 17:26	1
Dimethyl phthalate	4.8	U	4.8	0.34	ug/L		09/25/13 07:39	09/26/13 17:26	1
Di-n-butyl phthalate	**0.72**	**J**	4.8	0.30	ug/L		09/25/13 07:39	09/26/13 17:26	1
Di-n-octyl phthalate	4.8	U	4.8	0.45	ug/L		09/25/13 07:39	09/26/13 17:26	1
Fluoranthene	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:26	1
Fluorene	4.8	U	4.8	0.34	ug/L		09/25/13 07:39	09/26/13 17:26	1
Hexachlorobenzene	4.8	U	4.8	0.49	ug/L		09/25/13 07:39	09/26/13 17:26	1
Hexachlorobutadiene	4.8	U	4.8	0.65	ug/L		09/25/13 07:39	09/26/13 17:26	1
Hexachlorocyclopentadiene	4.8	U	4.8	0.56	ug/L		09/25/13 07:39	09/26/13 17:26	1
Hexachloroethane	4.8	U	4.8	0.56	ug/L		09/25/13 07:39	09/26/13 17:26	1
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	0.45	ug/L		09/25/13 07:39	09/26/13 17:26	1
Isophorone	4.8	U	4.8	0.41	ug/L		09/25/13 07:39	09/26/13 17:26	1
Naphthalene	4.8	U	4.8	0.73	ug/L		09/25/13 07:39	09/26/13 17:26	1
Nitrobenzene	4.8	U	4.8	0.28	ug/L		09/25/13 07:39	09/26/13 17:26	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.52	ug/L		09/25/13 07:39	09/26/13 17:26	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.49	ug/L		09/25/13 07:39	09/26/13 17:26	1
Pentachlorophenol	9.6	U	9.6	2.1	ug/L		09/25/13 07:39	09/26/13 17:26	1
Phenanthrene	4.8	U	4.8	0.42	ug/L		09/25/13 07:39	09/26/13 17:26	1
Phenol	4.8	U	4.8	0.37	ug/L		09/25/13 07:39	09/26/13 17:26	1
Pyrene	4.8	U	4.8	0.32	ug/L		09/25/13 07:39	09/26/13 17:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*9.6*	*T J*	*ug/L*		*3.22*		*09/25/13 07:39*	*09/26/13 17:26*	*1*
Unknown	*11*	*T J*	*ug/L*		*3.31*		*09/25/13 07:39*	*09/26/13 17:26*	*1*
Cyclohexane	*26*	*T J N*	*ug/L*		*3.40*	*110-82-7*	*09/25/13 07:39*	*09/26/13 17:26*	*1*
Unknown	*460*	*T J*	*ug/L*		*3.53*		*09/25/13 07:39*	*09/26/13 17:26*	*1*
Unknown	*20*	*T J*	*ug/L*		*5.24*		*09/25/13 07:39*	*09/26/13 17:26*	*1*
Unknown	*25*	*T J*	*ug/L*		*10.15*		*09/25/13 07:39*	*09/26/13 17:26*	*1*

Client Sample ID: SD-7830-091913-BP-003

Lab Sample ID: 480-46192-12

Date Collected: 09/19/13 13:30

Matrix: Water

Date Received: 09/20/13 02:00

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
n-Hexadecanoic acid	7.9	T J N	ug/L		10.45	57-10-3	09/25/13 07:39	09/26/13 17:26	1
Unknown	11	T J	ug/L		10.70		09/25/13 07:39	09/26/13 17:26	1
Unknown	77	T J	ug/L		11.07		09/25/13 07:39	09/26/13 17:26	1
Unknown	19	T J	ug/L		11.60		09/25/13 07:39	09/26/13 17:26	1
Unknown	85	T J	ug/L		12.03		09/25/13 07:39	09/26/13 17:26	1
Unknown	8.4	T J	ug/L		12.39		09/25/13 07:39	09/26/13 17:26	1
Unknown	27	T J	ug/L		12.69		09/25/13 07:39	09/26/13 17:26	1
Unknown	65	T J	ug/L		13.15		09/25/13 07:39	09/26/13 17:26	1
Unknown	10	T J	ug/L		13.64		09/25/13 07:39	09/26/13 17:26	1
Unknown	6.7	T J	ug/L		13.88		09/25/13 07:39	09/26/13 17:26	1
Unknown	79	T J	ug/L		13.99		09/25/13 07:39	09/26/13 17:26	1
Unknown	19	T J	ug/L		15.07		09/25/13 07:39	09/26/13 17:26	1
Lidocaine	4.8	U	ug/L			137-58-6	09/25/13 07:39	09/26/13 17:26	1
Phenobarbital	4.8	U	ug/L			50-06-6	09/25/13 07:39	09/26/13 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		52 - 132	09/25/13 07:39	09/26/13 17:26	1
2-Fluorobiphenyl	74		48 - 120	09/25/13 07:39	09/26/13 17:26	1
2-Fluorophenol	44		20 - 120	09/25/13 07:39	09/26/13 17:26	1
Nitrobenzene-d5	66		46 - 120	09/25/13 07:39	09/26/13 17:26	1
Phenol-d5	35		16 - 120	09/25/13 07:39	09/26/13 17:26	1
p-Terphenyl-d14	74		67 - 150	09/25/13 07:39	09/26/13 17:26	1

Client Sample ID: TB

Lab Sample ID: 480-46192-13

Date Collected: 09/19/13 00:00

Matrix: Water

Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 07:00	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 07:00	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 07:00	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 07:00	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 07:00	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 07:00	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 07:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 07:00	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 07:00	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 07:00	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 07:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 07:00	1
Acetone	10	U	10	3.0	ug/L			09/21/13 07:00	1
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 07:00	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 07:00	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 07:00	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 07:00	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 07:00	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 07:00	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 07:00	1

Client Sample ID: TB

Lab Sample ID: 480-46192-13

Date Collected: 09/19/13 00:00

Matrix: Water

Date Received: 09/20/13 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	10	U	10	0.32	ug/L			09/21/13 07:00	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 07:00	1
Chloromethane	10	U	10	0.35	ug/L			09/21/13 07:00	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 07:00	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 07:00	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 07:00	1
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 07:00	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 07:00	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 07:00	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 07:00	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 07:00	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 07:00	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 07:00	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 07:00	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 07:00	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 07:00	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 07:00	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 07:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/21/13 07:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*09/21/13 07:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/21/13 07:00*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*09/21/13 07:00*	*1*

Client Sample ID: RB-7830-091913-BP-001

Lab Sample ID: 480-46192-14

Date Collected: 09/19/13 12:00

Matrix: Water

Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 07:21	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 07:21	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 07:21	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 07:21	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 07:21	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 07:21	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 07:21	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 07:21	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 07:21	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 07:21	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 07:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 07:21	1
Acetone	10	U	10	3.0	ug/L			09/21/13 07:21	1
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 07:21	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 07:21	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 07:21	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 07:21	1

Client Sample ID: RB-7830-091913-BP-001
Date Collected: 09/19/13 12:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 07:21	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 07:21	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 07:21	1
Chloroethane	10	U	10	0.32	ug/L			09/21/13 07:21	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 07:21	1
Chloromethane	10	U	10	0.35	ug/L			09/21/13 07:21	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 07:21	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 07:21	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 07:21	1
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 07:21	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 07:21	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 07:21	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 07:21	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 07:21	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 07:21	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 07:21	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 07:21	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 07:21	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 07:21	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 07:21	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 07:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*6.1*		*ug/L*		*4.05*	*109-99-9*		*09/21/13 07:21*	*1*
Tentatively Identified Compound	*None*		*ug/L*					*09/21/13 07:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*09/21/13 07:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/21/13 07:21*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*09/21/13 07:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	9.5	U	9.5	0.42	ug/L		09/25/13 07:39	09/26/13 17:53	1
1,2-Dichlorobenzene	9.5	U	9.5	0.38	ug/L		09/25/13 07:39	09/26/13 17:53	1
1,3-Dichlorobenzene	9.5	U	9.5	0.46	ug/L		09/25/13 07:39	09/26/13 17:53	1
1,4-Dichlorobenzene	9.5	U	9.5	0.44	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,2'-Oxybis(1-chloropropane)	4.8	U	4.8	0.50	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.46	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.58	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,4-Dichlorophenol	4.8	U	4.8	0.49	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,4-Dimethylphenol	4.8	U	4.8	0.48	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,4-Dinitrophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,4-Dinitrotoluene	4.8	U	4.8	0.43	ug/L		09/25/13 07:39	09/26/13 17:53	1
2,6-Dinitrotoluene	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:53	1
2-Chloronaphthalene	4.8	U	4.8	0.44	ug/L		09/25/13 07:39	09/26/13 17:53	1
2-Chlorophenol	4.8	U	4.8	0.50	ug/L		09/25/13 07:39	09/26/13 17:53	1
2-Methylnaphthalene	4.8	U	4.8	0.57	ug/L		09/25/13 07:39	09/26/13 17:53	1
2-Methylphenol	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:53	1
2-Nitroaniline	9.5	U	9.5	0.40	ug/L		09/25/13 07:39	09/26/13 17:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: RB-7830-091913-BP-001
Date Collected: 09/19/13 12:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	4.8	U	4.8	0.46	ug/L		09/25/13 07:39	09/26/13 17:53	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:53	1
3-Nitroaniline	9.5	U *	9.5	0.46	ug/L		09/25/13 07:39	09/26/13 17:53	1
4,6-Dinitro-2-methylphenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Bromophenyl phenyl ether	4.8	U	4.8	0.43	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Chloro-3-methylphenol	4.8	U	4.8	0.43	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Chloroaniline	4.8	U *	4.8	0.56	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Chlorophenyl phenyl ether	4.8	U	4.8	0.33	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Methylphenol	9.5	U	9.5	0.34	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Nitroaniline	9.5	U	9.5	0.24	ug/L		09/25/13 07:39	09/26/13 17:53	1
4-Nitrophenol	9.5	U	9.5	1.4	ug/L		09/25/13 07:39	09/26/13 17:53	1
Acenaphthene	4.8	U	4.8	0.39	ug/L		09/25/13 07:39	09/26/13 17:53	1
Acenaphthylene	4.8	U	4.8	0.36	ug/L		09/25/13 07:39	09/26/13 17:53	1
Anthracene	4.8	U	4.8	0.27	ug/L		09/25/13 07:39	09/26/13 17:53	1
Benzaldehyde	4.8	U	4.8	0.25	ug/L		09/25/13 07:39	09/26/13 17:53	1
Benzo(a)anthracene	4.8	U	4.8	0.34	ug/L		09/25/13 07:39	09/26/13 17:53	1
Benzo(a)pyrene	4.8	U	4.8	0.45	ug/L		09/25/13 07:39	09/26/13 17:53	1
Benzo(b)fluoranthene	4.8	U	4.8	0.32	ug/L		09/25/13 07:39	09/26/13 17:53	1
Benzo(g,h,i)perylene	4.8	U	4.8	0.33	ug/L		09/25/13 07:39	09/26/13 17:53	1
Benzo(k)fluoranthene	4.8	U	4.8	0.70	ug/L		09/25/13 07:39	09/26/13 17:53	1
Bis(2-chloroethoxy)methane	4.8	U	4.8	0.33	ug/L		09/25/13 07:39	09/26/13 17:53	1
Bis(2-chloroethyl)ether	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:53	1
Bis(2-ethylhexyl) phthalate	4.8	U	4.8	1.7	ug/L		09/25/13 07:39	09/26/13 17:53	1
Butyl benzyl phthalate	4.8	U	4.8	0.40	ug/L		09/25/13 07:39	09/26/13 17:53	1
Carbazole	4.8	U	4.8	0.29	ug/L		09/25/13 07:39	09/26/13 17:53	1
Chrysene	4.8	U	4.8	0.31	ug/L		09/25/13 07:39	09/26/13 17:53	1
Dibenz(a,h)anthracene	4.8	U	4.8	0.40	ug/L		09/25/13 07:39	09/26/13 17:53	1
Dibenzofuran	9.5	U	9.5	0.49	ug/L		09/25/13 07:39	09/26/13 17:53	1
Diethyl phthalate	4.8	U	4.8	0.21	ug/L		09/25/13 07:39	09/26/13 17:53	1
Dimethyl phthalate	4.8	U	4.8	0.34	ug/L		09/25/13 07:39	09/26/13 17:53	1
Di-n-butyl phthalate	**0.94**	**J**	4.8	0.30	ug/L		09/25/13 07:39	09/26/13 17:53	1
Di-n-octyl phthalate	4.8	U	4.8	0.45	ug/L		09/25/13 07:39	09/26/13 17:53	1
Fluoranthene	4.8	U	4.8	0.38	ug/L		09/25/13 07:39	09/26/13 17:53	1
Fluorene	4.8	U	4.8	0.34	ug/L		09/25/13 07:39	09/26/13 17:53	1
Hexachlorobenzene	4.8	U	4.8	0.49	ug/L		09/25/13 07:39	09/26/13 17:53	1
Hexachlorobutadiene	4.8	U	4.8	0.65	ug/L		09/25/13 07:39	09/26/13 17:53	1
Hexachlorocyclopentadiene	4.8	U	4.8	0.56	ug/L		09/25/13 07:39	09/26/13 17:53	1
Hexachloroethane	4.8	U	4.8	0.56	ug/L		09/25/13 07:39	09/26/13 17:53	1
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	0.45	ug/L		09/25/13 07:39	09/26/13 17:53	1
Isophorone	4.8	U	4.8	0.41	ug/L		09/25/13 07:39	09/26/13 17:53	1
Naphthalene	4.8	U	4.8	0.72	ug/L		09/25/13 07:39	09/26/13 17:53	1
Nitrobenzene	4.8	U	4.8	0.28	ug/L		09/25/13 07:39	09/26/13 17:53	1
N-Nitrosodi-n-propylamine	4.8	U	4.8	0.51	ug/L		09/25/13 07:39	09/26/13 17:53	1
N-Nitrosodiphenylamine	4.8	U	4.8	0.49	ug/L		09/25/13 07:39	09/26/13 17:53	1
Pentachlorophenol	9.5	U	9.5	2.1	ug/L		09/25/13 07:39	09/26/13 17:53	1
Phenanthrene	4.8	U	4.8	0.42	ug/L		09/25/13 07:39	09/26/13 17:53	1
Phenol	4.8	U	4.8	0.37	ug/L		09/25/13 07:39	09/26/13 17:53	1
Pyrene	4.8	U	4.8	0.32	ug/L		09/25/13 07:39	09/26/13 17:53	1

Client Sample ID: RB-7830-091913-BP-001

Lab Sample ID: 480-46192-14

Date Collected: 09/19/13 12:00

Matrix: Water

Date Received: 09/20/13 02:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	11	T J	ug/L		3.23		09/25/13 07:39	09/26/13 17:53	1
Unknown	17	T J	ug/L		3.31		09/25/13 07:39	09/26/13 17:53	1
Cyclohexane	29	T J N	ug/L		3.39	110-82-7	09/25/13 07:39	09/26/13 17:53	1
Unknown	6.0	T J	ug/L		3.44		09/25/13 07:39	09/26/13 17:53	1
Unknown	550	T J	ug/L		3.53		09/25/13 07:39	09/26/13 17:53	1
Unknown	26	T J	ug/L		5.24		09/25/13 07:39	09/26/13 17:53	1
Unknown	3.8	T J	ug/L		7.91		09/25/13 07:39	09/26/13 17:53	1
Unknown	21	T J	ug/L		10.15		09/25/13 07:39	09/26/13 17:53	1
n-Hexadecanoic acid	3.7	T J N	ug/L		10.45	57-10-3	09/25/13 07:39	09/26/13 17:53	1
Unknown	11	T J	ug/L		10.69		09/25/13 07:39	09/26/13 17:53	1
Octadecanoic acid	66	T J N	ug/L		11.07	57-11-4	09/25/13 07:39	09/26/13 17:53	1
Unknown	17	T J	ug/L		11.60		09/25/13 07:39	09/26/13 17:53	1
Unknown	28	T J	ug/L		12.00		09/25/13 07:39	09/26/13 17:53	1
Unknown	7.0	T J	ug/L		12.39		09/25/13 07:39	09/26/13 17:53	1
Unknown	21	T J	ug/L		12.69		09/25/13 07:39	09/26/13 17:53	1
Unknown	18	T J	ug/L		13.14		09/25/13 07:39	09/26/13 17:53	1
Unknown	7.6	T J	ug/L		13.64		09/25/13 07:39	09/26/13 17:53	1
Unknown	57	T J	ug/L		13.99		09/25/13 07:39	09/26/13 17:53	1
Unknown	15	T J	ug/L		15.07		09/25/13 07:39	09/26/13 17:53	1
Unknown	56	T J	ug/L		15.44		09/25/13 07:39	09/26/13 17:53	1
Lidocaine	4.8	U	ug/L			137-58-6	09/25/13 07:39	09/26/13 17:53	1
Phenobarbital	4.8	U	ug/L			50-06-6	09/25/13 07:39	09/26/13 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		52 - 132	09/25/13 07:39	09/26/13 17:53	1
2-Fluorobiphenyl	77		48 - 120	09/25/13 07:39	09/26/13 17:53	1
2-Fluorophenol	53		20 - 120	09/25/13 07:39	09/26/13 17:53	1
Nitrobenzene-d5	77		46 - 120	09/25/13 07:39	09/26/13 17:53	1
Phenol-d5	39		16 - 120	09/25/13 07:39	09/26/13 17:53	1
p-Terphenyl-d14	89		67 - 150	09/25/13 07:39	09/26/13 17:53	1

Client Sample ID: RB-7830-091913-BP-002

Lab Sample ID: 480-46192-15

Date Collected: 09/19/13 13:00

Matrix: Water

Date Received: 09/20/13 02:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/21/13 07:43	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 07:43	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/21/13 07:43	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/21/13 07:43	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/21/13 07:43	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/21/13 07:43	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/21/13 07:43	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/21/13 07:43	1
2-Hexanone	10	U	10	1.2	ug/L			09/21/13 07:43	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/21/13 07:43	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/21/13 07:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/21/13 07:43	1
Acetone	10	U	10	3.0	ug/L			09/21/13 07:43	1

Client Sample ID: RB-7830-091913-BP-002
Date Collected: 09/19/13 13:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.41	ug/L			09/21/13 07:43	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/21/13 07:43	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/21/13 07:43	1
Bromomethane	10	U	10	0.69	ug/L			09/21/13 07:43	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/21/13 07:43	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/21/13 07:43	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/21/13 07:43	1
Chloroethane	10	U	10	0.32	ug/L			09/21/13 07:43	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/21/13 07:43	1
Chloromethane	10	U	10	0.35	ug/L			09/21/13 07:43	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/21/13 07:43	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/21/13 07:43	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/21/13 07:43	1
Ethyl ether	10	U	10	0.72	ug/L			09/21/13 07:43	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/21/13 07:43	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/21/13 07:43	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/21/13 07:43	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/21/13 07:43	1
Styrene	5.0	U	5.0	0.73	ug/L			09/21/13 07:43	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/21/13 07:43	1
Toluene	5.0	U	5.0	0.51	ug/L			09/21/13 07:43	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/21/13 07:43	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/21/13 07:43	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/21/13 07:43	1
Vinyl chloride	10	U	10	0.90	ug/L			09/21/13 07:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrahydrofuran	*5.2*		*ug/L*		*4.05*	*109-99-9*		*09/21/13 07:43*	*1*
Tentatively Identified Compound	*None*		*ug/L*					*09/21/13 07:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*09/21/13 07:43*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/21/13 07:43*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*09/21/13 07:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	9.3	U	9.3	0.41	ug/L		09/25/13 07:39	09/26/13 18:20	1
1,2-Dichlorobenzene	9.3	U	9.3	0.37	ug/L		09/25/13 07:39	09/26/13 18:20	1
1,3-Dichlorobenzene	9.3	U	9.3	0.45	ug/L		09/25/13 07:39	09/26/13 18:20	1
1,4-Dichlorobenzene	9.3	U	9.3	0.43	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	0.49	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,4,5-Trichlorophenol	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,4,6-Trichlorophenol	4.7	U	4.7	0.57	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,4-Dichlorophenol	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,4-Dimethylphenol	4.7	U	4.7	0.47	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,4-Dinitrophenol	9.3	U	9.3	2.1	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,4-Dinitrotoluene	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 18:20	1
2,6-Dinitrotoluene	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 18:20	1
2-Chloronaphthalene	4.7	U	4.7	0.43	ug/L		09/25/13 07:39	09/26/13 18:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: RB-7830-091913-BP-002
Date Collected: 09/19/13 13:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	4.7	U	4.7	0.50	ug/L		09/25/13 07:39	09/26/13 18:20	1
2-Methylnaphthalene	4.7	U	4.7	0.56	ug/L		09/25/13 07:39	09/26/13 18:20	1
2-Methylphenol	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 18:20	1
2-Nitroaniline	9.3	U	9.3	0.39	ug/L		09/25/13 07:39	09/26/13 18:20	1
2-Nitrophenol	4.7	U	4.7	0.45	ug/L		09/25/13 07:39	09/26/13 18:20	1
3,3'-Dichlorobenzidine	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 18:20	1
3-Nitroaniline	9.3	U *	9.3	0.45	ug/L		09/25/13 07:39	09/26/13 18:20	1
4,6-Dinitro-2-methylphenol	9.3	U	9.3	2.1	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Bromophenyl phenyl ether	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Chloro-3-methylphenol	4.7	U	4.7	0.42	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Chloroaniline	4.7	U *	4.7	0.55	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Chlorophenyl phenyl ether	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Methylphenol	9.3	U	9.3	0.34	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Nitroaniline	9.3	U	9.3	0.23	ug/L		09/25/13 07:39	09/26/13 18:20	1
4-Nitrophenol	9.3	U	9.3	1.4	ug/L		09/25/13 07:39	09/26/13 18:20	1
Acenaphthene	4.7	U	4.7	0.38	ug/L		09/25/13 07:39	09/26/13 18:20	1
Acenaphthylene	4.7	U	4.7	0.36	ug/L		09/25/13 07:39	09/26/13 18:20	1
Anthracene	4.7	U	4.7	0.26	ug/L		09/25/13 07:39	09/26/13 18:20	1
Benzaldehyde	4.7	U	4.7	0.25	ug/L		09/25/13 07:39	09/26/13 18:20	1
Benzo(a)anthracene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 18:20	1
Benzo(a)pyrene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 18:20	1
Benzo(b)fluoranthene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 18:20	1
Benzo(g,h,i)perylene	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 18:20	1
Benzo(k)fluoranthene	4.7	U	4.7	0.68	ug/L		09/25/13 07:39	09/26/13 18:20	1
Bis(2-chloroethoxy)methane	4.7	U	4.7	0.33	ug/L		09/25/13 07:39	09/26/13 18:20	1
Bis(2-chloroethyl)ether	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 18:20	1
Bis(2-ethylhexyl) phthalate	**2.2**	**J**	4.7	1.7	ug/L		09/25/13 07:39	09/26/13 18:20	1
Butyl benzyl phthalate	**0.76**	**J**	4.7	0.39	ug/L		09/25/13 07:39	09/26/13 18:20	1
Carbazole	4.7	U	4.7	0.28	ug/L		09/25/13 07:39	09/26/13 18:20	1
Chrysene	4.7	U	4.7	0.31	ug/L		09/25/13 07:39	09/26/13 18:20	1
Dibenz(a,h)anthracene	4.7	U	4.7	0.39	ug/L		09/25/13 07:39	09/26/13 18:20	1
Dibenzofuran	9.3	U	9.3	0.48	ug/L		09/25/13 07:39	09/26/13 18:20	1
Diethyl phthalate	**0.69**	**J**	4.7	0.21	ug/L		09/25/13 07:39	09/26/13 18:20	1
Dimethyl phthalate	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 18:20	1
Di-n-butyl phthalate	**0.81**	**J**	4.7	0.29	ug/L		09/25/13 07:39	09/26/13 18:20	1
Di-n-octyl phthalate	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 18:20	1
Fluoranthene	4.7	U	4.7	0.37	ug/L		09/25/13 07:39	09/26/13 18:20	1
Fluorene	4.7	U	4.7	0.34	ug/L		09/25/13 07:39	09/26/13 18:20	1
Hexachlorobenzene	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 18:20	1
Hexachlorobutadiene	4.7	U	4.7	0.64	ug/L		09/25/13 07:39	09/26/13 18:20	1
Hexachlorocyclopentadiene	4.7	U	4.7	0.55	ug/L		09/25/13 07:39	09/26/13 18:20	1
Hexachloroethane	4.7	U	4.7	0.55	ug/L		09/25/13 07:39	09/26/13 18:20	1
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.44	ug/L		09/25/13 07:39	09/26/13 18:20	1
Isophorone	4.7	U	4.7	0.40	ug/L		09/25/13 07:39	09/26/13 18:20	1
Naphthalene	4.7	U	4.7	0.71	ug/L		09/25/13 07:39	09/26/13 18:20	1
Nitrobenzene	4.7	U	4.7	0.27	ug/L		09/25/13 07:39	09/26/13 18:20	1
N-Nitrosodi-n-propylamine	4.7	U	4.7	0.50	ug/L		09/25/13 07:39	09/26/13 18:20	1
N-Nitrosodiphenylamine	4.7	U	4.7	0.48	ug/L		09/25/13 07:39	09/26/13 18:20	1
Pentachlorophenol	9.3	U	9.3	2.1	ug/L		09/25/13 07:39	09/26/13 18:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: RB-7830-091913-BP-002
Date Collected: 09/19/13 13:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	4.7	U	4.7	0.41	ug/L		09/25/13 07:39	09/26/13 18:20	1
Phenol	4.7	U	4.7	0.36	ug/L		09/25/13 07:39	09/26/13 18:20	1
Pyrene	4.7	U	4.7	0.32	ug/L		09/25/13 07:39	09/26/13 18:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*9.7*	*T J*	*ug/L*		*3.23*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*11*	*T J*	*ug/L*		*3.31*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Cyclohexane	*27*	*T J N*	*ug/L*		*3.40*	*110-82-7*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*17*	*T J*	*ug/L*		*3.46*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*500*	*T J*	*ug/L*		*3.53*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*21*	*T J*	*ug/L*		*5.24*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Diethyltoluamide	*8.0*	*T J N*	*ug/L*		*9.09*	*134-62-3*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*18*	*T J*	*ug/L*		*10.15*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*21*	*T J*	*ug/L*		*10.45*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*9.6*	*T J*	*ug/L*		*10.70*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*35*	*T J*	*ug/L*		*11.07*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Octadecanoic acid	*19*	*T J N*	*ug/L*		*11.12*	*57-11-4*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*18*	*T J*	*ug/L*		*11.60*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*24*	*T J*	*ug/L*		*12.00*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*23*	*T J*	*ug/L*		*12.69*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*56*	*T J*	*ug/L*		*13.15*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*8.4*	*T J*	*ug/L*		*13.63*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Erucylamide	*11*	*T J N*	*ug/L*		*13.75*	*112-84-5*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*12*	*T J*	*ug/L*		*14.47*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Unknown	*14*	*T J*	*ug/L*		*15.06*		*09/25/13 07:39*	*09/26/13 18:20*	*1*
Lidocaine	*4.7*	*U*	*ug/L*			*137-58-6*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Phenobarbital	*4.7*	*U*	*ug/L*			*50-06-6*	*09/25/13 07:39*	*09/26/13 18:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*52 - 132*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
2-Fluorophenol	*51*		*20 - 120*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
Phenol-d5	*38*		*16 - 120*	*09/25/13 07:39*	*09/26/13 18:20*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*09/25/13 07:39*	*09/26/13 18:20*	*1*

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)
480-46192-5	SD-7830-091913-BP-001	106	102	113
480-46192-6	SD-7830-091913-BP-002	106	101	105
480-46192-7	SD-7830-091913-BP-003	100	104	106
480-46192-8	SD-7830-091913-BP-004	102	98	113
480-46192-8 MS	SD-7830-091913-BP-004	90	103	105
480-46192-8 MSD	SD-7830-091913-BP-004	91	102	105
LCS 480-140281/8	Lab Control Sample	92	105	101
MB 480-140281/7	Method Blank	91	101	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-46192-9	SD-7830-091913-BP-001	105	101	110
480-46192-10	SD-7830-091913-BP-002	106	101	112
480-46192-11	SD-7830-091913-BP-004	106	100	110
480-46192-12	SD-7830-091913-BP-003	104	100	109
480-46192-12 MS	SD-7830-091913-BP-003	104	106	110
480-46192-12 MSD	SD-7830-091913-BP-003	103	104	108
480-46192-13	TB	103	99	107
480-46192-14	RB-7830-091913-BP-001	105	101	109
480-46192-15	RB-7830-091913-BP-002	104	101	109
LCS 480-140425/4	Lab Control Sample	102	104	109
MB 480-140425/5	Method Blank	103	102	111

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(11-120)	(65-153)
480-46192-1	SD-7830-091913-BP-001	96	93	92	87	92	103
480-46192-2	SD-7830-091913-BP-002	90	88	88	77	83	97
480-46192-3	SD-7830-091913-BP-003	87	92	51	87	95	110
480-46192-4	SD-7830-091913-BP-004	93	92	81	94	93	113
480-46192-4 MS	SD-7830-091913-BP-004	119	96	85	94	95	105
480-46192-4 MSD	SD-7830-091913-BP-004	106	96	88	99	96	110
LCS 480-140683/2-A	Lab Control Sample	119	96	84	99	93	109

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(11-120)	(65-153)		
MB 480-140683/1-A	Method Blank	107	98	80	90	91	113		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)		
480-46192-9	SD-7830-091913-BP-001	88	75	47	68	37	71		
480-46192-10	SD-7830-091913-BP-002	90	73	48	73	35	70		
480-46192-11	SD-7830-091913-BP-004	92	73	43	68	32	72		
480-46192-12	SD-7830-091913-BP-003	90	74	44	66	35	74		
480-46192-12 MS	SD-7830-091913-BP-003	93	82	53	78	40	61 X		
480-46192-12 MSD	SD-7830-091913-BP-003	91	76	48	72	37	61 X		
480-46192-14	RB-7830-091913-BP-001	80	77	53	77	39	89		
480-46192-15	RB-7830-091913-BP-002	92	82	51	80	38	81		
LCS 480-140986/2-A	Lab Control Sample	96	89	66	92	47	98		
MB 480-140986/1-A	Method Blank	75	84	63	89	46	103		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-140281/7
Matrix: Solid
Analysis Batch: 140281

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.1	ug/Kg			09/20/13 15:31	1
1,1,1-Trichloroethane	5.0	U	5.0	0.36	ug/Kg			09/20/13 15:31	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81	ug/Kg			09/20/13 15:31	1
1,1,2-Trichloroethane	5.0	U	5.0	0.65	ug/Kg			09/20/13 15:31	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.30	ug/Kg			09/20/13 15:31	1
1,1-Dichloroethane	5.0	U	5.0	0.61	ug/Kg			09/20/13 15:31	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/Kg			09/20/13 15:31	1
1,1-Dichloroethene	5.0	U	5.0	0.61	ug/Kg			09/20/13 15:31	1
1,2-Dibromoethane	5.0	U	5.0	0.64	ug/Kg			09/20/13 15:31	1
1,2-Dichlorobenzene	5.0	U	5.0	0.39	ug/Kg			09/20/13 15:31	1
1,2-Dichloroethane	5.0	U	5.0	0.25	ug/Kg			09/20/13 15:31	1
1,2-Dichloropropane	5.0	U	5.0	2.5	ug/Kg			09/20/13 15:31	1
1,3-Dichlorobenzene	5.0	U	5.0	0.26	ug/Kg			09/20/13 15:31	1
1,4-Dichlorobenzene	5.0	U	5.0	0.70	ug/Kg			09/20/13 15:31	1
2-Butanone (MEK)	25	U	25	1.8	ug/Kg			09/20/13 15:31	1
2-Hexanone	25	U	25	2.5	ug/Kg			09/20/13 15:31	1
4-Methyl-2-pentanone (MIBK)	25	U	25	1.6	ug/Kg			09/20/13 15:31	1
Acetone	25	U	25	4.2	ug/Kg			09/20/13 15:31	1
Benzene	5.0	U	5.0	0.25	ug/Kg			09/20/13 15:31	1
Bromodichloromethane	5.0	U	5.0	0.67	ug/Kg			09/20/13 15:31	1
Bromoform	5.0	U	5.0	2.5	ug/Kg			09/20/13 15:31	1
Bromomethane	5.0	U	5.0	0.45	ug/Kg			09/20/13 15:31	1
Carbon disulfide	5.0	U	5.0	2.5	ug/Kg			09/20/13 15:31	1
Carbon tetrachloride	5.0	U	5.0	0.48	ug/Kg			09/20/13 15:31	1
Chlorobenzene	5.0	U	5.0	0.66	ug/Kg			09/20/13 15:31	1
Chloroethane	5.0	U	5.0	1.1	ug/Kg			09/20/13 15:31	1
Chloroform	5.0	U	5.0	0.31	ug/Kg			09/20/13 15:31	1
Chloromethane	5.0	U	5.0	0.30	ug/Kg			09/20/13 15:31	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.64	ug/Kg			09/20/13 15:31	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.72	ug/Kg			09/20/13 15:31	1
Cyclohexane	5.0	U	5.0	0.70	ug/Kg			09/20/13 15:31	1
Dibromochloromethane	5.0	U	5.0	0.64	ug/Kg			09/20/13 15:31	1
Dichlorodifluoromethane	5.0	U	5.0	0.41	ug/Kg			09/20/13 15:31	1
Ethyl ether	25	U	25	2.1	ug/Kg			09/20/13 15:31	1
Ethylbenzene	5.0	U	5.0	0.35	ug/Kg			09/20/13 15:31	1
Isopropylbenzene	5.0	U	5.0	0.75	ug/Kg			09/20/13 15:31	1
m,p-Xylene	10	U	10	0.84	ug/Kg			09/20/13 15:31	1
Methyl acetate	5.0	U	5.0	0.93	ug/Kg			09/20/13 15:31	1
Methyl tert-butyl ether	5.0	U	5.0	0.49	ug/Kg			09/20/13 15:31	1
Methylcyclohexane	5.0	U	5.0	0.76	ug/Kg			09/20/13 15:31	1
Methylene Chloride	5.0	U	5.0	2.3	ug/Kg			09/20/13 15:31	1
o-Xylene	5.0	U	5.0	0.65	ug/Kg			09/20/13 15:31	1
Styrene	5.0	U	5.0	0.25	ug/Kg			09/20/13 15:31	1
Tetrachloroethene	5.0	U	5.0	0.67	ug/Kg			09/20/13 15:31	1
Toluene	5.0	U	5.0	0.38	ug/Kg			09/20/13 15:31	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.52	ug/Kg			09/20/13 15:31	1
trans-1,3-Dichloropropene	5.0	U	5.0	2.2	ug/Kg			09/20/13 15:31	1
Trichloroethene	5.0	U	5.0	1.1	ug/Kg			09/20/13 15:31	1

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

Lab Sample ID: MB 480-140281/7
Matrix: Solid
Analysis Batch: 140281

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	5.0	U	5.0	0.47	ug/Kg			09/20/13 15:31	1
Vinyl chloride	5.0	U	5.0	0.61	ug/Kg			09/20/13 15:31	1
Xylenes, Total	10	U	10	0.84	ug/Kg			09/20/13 15:31	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/20/13 15:31*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*		*09/20/13 15:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*		*09/20/13 15:31*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*		*09/20/13 15:31*	*1*

Lab Sample ID: LCS 480-140281/8
Matrix: Solid
Analysis Batch: 140281

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	46.4		ug/Kg		93	73 - 126
1,1-Dichloroethene	50.0	41.1		ug/Kg		82	59 - 125
1,2-Dichlorobenzene	50.0	54.7		ug/Kg		109	75 - 120
1,2-Dichloroethane	50.0	49.1		ug/Kg		98	77 - 122
Benzene	50.0	49.0		ug/Kg		98	79 - 127
Chlorobenzene	50.0	55.4		ug/Kg		111	76 - 124
cis-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	81 - 117
Ethylbenzene	50.0	53.5		ug/Kg		107	80 - 120
m,p-Xylene	100	110		ug/Kg		110	70 - 130
Methyl tert-butyl ether	50.0	46.5		ug/Kg		93	63 - 125
o-Xylene	50.0	54.8		ug/Kg		110	70 - 130
Tetrachloroethene	50.0	55.8		ug/Kg		112	74 - 122
Toluene	50.0	52.9		ug/Kg		106	74 - 128
trans-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	78 - 126
Trichloroethene	50.0	48.8		ug/Kg		98	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*
Toluene-d8 (Surr)	*101*		*71 - 125*

Lab Sample ID: 480-46192-8 MS
Matrix: Solid
Analysis Batch: 140281

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA
Prep Batch: 140324

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	5.5	U	75.7	55.3		ug/Kg	☼	73	73 - 126
1,1-Dichloroethene	5.5	U	75.7	41.0	F	ug/Kg	☼	54	59 - 125
1,2-Dichlorobenzene	5.5	U	75.7	34.1	F	ug/Kg	☼	45	75 - 120
1,2-Dichloroethane	5.5	U	75.7	54.6	F	ug/Kg	☼	72	77 - 122

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

Lab Sample ID: 480-46192-8 MS
Matrix: Solid
Analysis Batch: 140281

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA
Prep Batch: 140324

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.5	U	75.7	53.8	F	ug/Kg	☼	71	79 - 127
Chlorobenzene	5.5	U	75.7	45.7	F	ug/Kg	☼	60	76 - 124
cis-1,2-Dichloroethene	5.5	U	75.7	51.6	F	ug/Kg	☼	68	81 - 117
Ethylbenzene	5.5	U	75.7	48.0	F	ug/Kg	☼	63	80 - 120
m,p-Xylene	11	U	151	95.6	F	ug/Kg	☼	63	70 - 130
Methyl tert-butyl ether	5.5	U	75.7	55.2		ug/Kg	☼	73	63 - 125
o-Xylene	5.5	U	75.7	50.4	F	ug/Kg	☼	67	70 - 130
Tetrachloroethene	5.5	U	75.7	48.1	F	ug/Kg	☼	64	74 - 122
Toluene	5.5	U	75.7	53.2	F	ug/Kg	☼	70	74 - 128
trans-1,2-Dichloroethene	5.5	U	75.7	48.0	F	ug/Kg	☼	64	78 - 126
Trichloroethene	5.5	U	75.7	46.1	F	ug/Kg	☼	61	77 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*
Toluene-d8 (Surr)	*105*		*71 - 125*

Lab Sample ID: 480-46192-8 MSD
Matrix: Solid
Analysis Batch: 140281

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA
Prep Batch: 140324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	5.5	U	76.8	57.3		ug/Kg	☼	75	73 - 126	4	30
1,1-Dichloroethene	5.5	U	76.8	41.5	F	ug/Kg	☼	54	59 - 125	1	30
1,2-Dichlorobenzene	5.5	U	76.8	35.9	F	ug/Kg	☼	47	75 - 120	5	30
1,2-Dichloroethane	5.5	U	76.8	55.8	F	ug/Kg	☼	73	77 - 122	2	30
Benzene	5.5	U	76.8	55.4	F	ug/Kg	☼	72	79 - 127	3	30
Chlorobenzene	5.5	U	76.8	48.0	F	ug/Kg	☼	63	76 - 124	5	30
cis-1,2-Dichloroethene	5.5	U	76.8	54.2	F	ug/Kg	☼	71	81 - 117	5	30
Ethylbenzene	5.5	U	76.8	50.5	F	ug/Kg	☼	66	80 - 120	5	30
m,p-Xylene	11	U	154	99.9	F	ug/Kg	☼	65	70 - 130	4	30
Methyl tert-butyl ether	5.5	U	76.8	56.8		ug/Kg	☼	74	63 - 125	3	30
o-Xylene	5.5	U	76.8	52.5	F	ug/Kg	☼	68	70 - 130	4	30
Tetrachloroethene	5.5	U	76.8	50.6	F	ug/Kg	☼	66	74 - 122	5	30
Toluene	5.5	U	76.8	54.9	F	ug/Kg	☼	72	74 - 128	3	30
trans-1,2-Dichloroethene	5.5	U	76.8	49.9	F	ug/Kg	☼	65	78 - 126	4	30
Trichloroethene	5.5	U	76.8	48.4	F	ug/Kg	☼	63	77 - 129	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*
Toluene-d8 (Surr)	*105*		*71 - 125*

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

Lab Sample ID: MB 480-140425/5
Matrix: Water
Analysis Batch: 140425

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	0.82	ug/L			09/20/13 23:10	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			09/20/13 23:10	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			09/20/13 23:10	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			09/20/13 23:10	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			09/20/13 23:10	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			09/20/13 23:10	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			09/20/13 23:10	1
2-Methylthiophene	10	U	10	0.44	ug/L			09/20/13 23:10	1
3-Methylthiophene	10	U	10	0.53	ug/L			09/20/13 23:10	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			09/20/13 23:10	1
2-Hexanone	10	U	10	1.2	ug/L			09/20/13 23:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			09/20/13 23:10	1
Acetone	10	U	10	3.0	ug/L			09/20/13 23:10	1
Benzene	1.0	U	1.0	0.41	ug/L			09/20/13 23:10	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			09/20/13 23:10	1
Bromoform	5.0	U	5.0	0.26	ug/L			09/20/13 23:10	1
Bromomethane	10	U	10	0.69	ug/L			09/20/13 23:10	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			09/20/13 23:10	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			09/20/13 23:10	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			09/20/13 23:10	1
Chloroethane	10	U	10	0.32	ug/L			09/20/13 23:10	1
Chloroform	5.0	U	5.0	0.34	ug/L			09/20/13 23:10	1
Chloromethane	10	U	10	0.35	ug/L			09/20/13 23:10	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			09/20/13 23:10	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			09/20/13 23:10	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			09/20/13 23:10	1
Ethyl ether	10	U	10	0.72	ug/L			09/20/13 23:10	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			09/20/13 23:10	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			09/20/13 23:10	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			09/20/13 23:10	1
o-Xylene	5.0	U	5.0	0.76	ug/L			09/20/13 23:10	1
Styrene	5.0	U	5.0	0.73	ug/L			09/20/13 23:10	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			09/20/13 23:10	1
Toluene	5.0	U	5.0	0.51	ug/L			09/20/13 23:10	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			09/20/13 23:10	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			09/20/13 23:10	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			09/20/13 23:10	1
Vinyl chloride	10	U	10	0.90	ug/L			09/20/13 23:10	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/20/13 23:10*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*09/20/13 23:10*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*09/20/13 23:10*	*1*
Toluene-d8 (Surr)	*111*		*71 - 126*		*09/20/13 23:10*	*1*

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

Lab Sample ID: LCS 480-140425/4
Matrix: Water
Analysis Batch: 140425

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.1		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	20.2		ug/L		81	58 - 121
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 127
Benzene	25.0	25.2		ug/L		101	71 - 124
Chlorobenzene	25.0	27.7		ug/L		111	72 - 120
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
m&p-Xylene	50.0	54.8		ug/L		110	76 - 122
o-Xylene	25.0	26.4		ug/L		105	76 - 122
Tetrachloroethene	25.0	29.2		ug/L		117	74 - 122
Toluene	25.0	27.1		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	25.9		ug/L		104	73 - 127
Trichloroethene	25.0	25.4		ug/L		102	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*109*		*71 - 126*

Lab Sample ID: 480-46192-12 MS
Matrix: Water
Analysis Batch: 140425

Client Sample ID: SD-7830-091913-BP-003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	5.0	U	25.0	26.6		ug/L		107	71 - 129
1,1-Dichloroethene	5.0	U	25.0	24.3		ug/L		97	58 - 121
1,2-Dichloroethane	5.0	U	25.0	27.6		ug/L		110	75 - 127
Benzene	1.0	U	25.0	28.8		ug/L		115	71 - 124
Chlorobenzene	5.0	U	25.0	31.3	F	ug/L		125	72 - 120
cis-1,2-Dichloroethene	5.0	U	25.0	28.4		ug/L		114	74 - 124
Ethylbenzene	5.0	U	25.0	30.3		ug/L		121	77 - 123
m&p-Xylene	5.0	U	50.0	62.7	F	ug/L		125	76 - 122
o-Xylene	5.0	U	25.0	29.8		ug/L		119	76 - 122
Tetrachloroethene	5.0	U	25.0	33.4	F	ug/L		134	74 - 122
Toluene	5.0	U	25.0	31.4	F	ug/L		126	80 - 122
trans-1,2-Dichloroethene	5.0	U	25.0	30.7		ug/L		123	73 - 127
Trichloroethene	5.0	U	25.0	29.4		ug/L		118	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Toluene-d8 (Surr)	*110*		*71 - 126*

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

Lab Sample ID: 480-46192-12 MSD
Matrix: Water
Analysis Batch: 140425

Client Sample ID: SD-7830-091913-BP-003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	5.0	U	25.0	26.4		ug/L		105	71 - 129	1	20
1,1-Dichloroethene	5.0	U	25.0	24.8		ug/L		99	58 - 121	2	16
1,2-Dichloroethane	5.0	U	25.0	28.0		ug/L		112	75 - 127	2	20
Benzene	1.0	U	25.0	29.1		ug/L		117	71 - 124	1	13
Chlorobenzene	5.0	U	25.0	31.6	F	ug/L		127	72 - 120	1	25
cis-1,2-Dichloroethene	5.0	U	25.0	28.7		ug/L		115	74 - 124	1	15
Ethylbenzene	5.0	U	25.0	30.8		ug/L		123	77 - 123	2	15
m&p-Xylene	5.0	U	50.0	63.1	F	ug/L		126	76 - 122	1	16
o-Xylene	5.0	U	25.0	30.0		ug/L		120	76 - 122	1	16
Tetrachloroethene	5.0	U	25.0	34.0	F	ug/L		136	74 - 122	2	20
Toluene	5.0	U	25.0	31.7	F	ug/L		127	80 - 122	1	15
trans-1,2-Dichloroethene	5.0	U	25.0	31.2		ug/L		125	73 - 127	1	20
Trichloroethene	5.0	U	25.0	29.8		ug/L		119	74 - 123	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*108*		*71 - 126*

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

Lab Sample ID: MB 480-140683/1-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	330	U	330	4.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
1,2-Dichlorobenzene	330	U	330	3.2	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
1,3-Dichlorobenzene	330	U	330	3.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
1,4-Dichlorobenzene	330	U	330	2.2	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,2'-Oxybis(1-chloropropane)	170	U	170	17	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4,5-Trichlorophenol	170	U	170	36	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4,6-Trichlorophenol	170	U	170	11	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dichlorophenol	170	U	170	8.7	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dimethylphenol	170	U	170	45	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dinitrophenol	330	U	330	58	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dinitrotoluene	170	U	170	26	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,6-Dinitrotoluene	170	U	170	41	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Chloronaphthalene	170	U	170	11	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Chlorophenol	170	U	170	8.5	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Methylnaphthalene	170	U	170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Methylphenol	170	U	170	5.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Nitroaniline	330	U	330	53	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Nitrophenol	170	U	170	7.6	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
3,3'-Dichlorobenzidine	170	U	170	150	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
3-Nitroaniline	330	U	330	38	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4,6-Dinitro-2-methylphenol	330	U	330	58	ug/Kg		09/23/13 14:38	09/24/13 12:37	1

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

Lab Sample ID: MB 480-140683/1-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	170	U	170	53	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Chloro-3-methylphenol	170	U	170	6.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Chloroaniline	170	U	170	49	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Chlorophenyl phenyl ether	170	U	170	3.6	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Methylphenol	330	U	330	9.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Nitroaniline	330	U	330	19	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Nitrophenol	330	U	330	40	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Acenaphthene	170	U	170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Acenaphthylene	170	U	170	1.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Anthracene	170	U	170	4.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzaldehyde	170	U	170	18	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(a)anthracene	170	U	170	2.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(a)pyrene	170	U	170	4.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(b)fluoranthene	170	U	170	3.2	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(g,h,i)perylene	170	U	170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(k)fluoranthene	170	U	170	1.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Bis(2-chloroethoxy)methane	170	U	170	9.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Bis(2-chloroethyl)ether	170	U	170	14	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Bis(2-ethylhexyl) phthalate	170	U	170	54	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Butyl benzyl phthalate	170	U	170	45	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Carbazole	170	U	170	1.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Chrysene	170	U	170	1.7	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Dibenz(a,h)anthracene	170	U	170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Dibenzofuran	170	U	170	1.7	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Diethyl phthalate	170	U	170	5.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Dimethyl phthalate	170	U	170	4.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Di-n-butyl phthalate	170	U	170	58	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Di-n-octyl phthalate	170	U	170	3.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Fluoranthene	170	U	170	2.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Fluorene	170	U	170	3.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachlorobenzene	170	U	170	8.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachlorobutadiene	170	U	170	8.5	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachlorocyclopentadiene	170	U	170	50	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachloroethane	170	U	170	13	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Indeno(1,2,3-cd)pyrene	170	U	170	4.6	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Isophorone	170	U	170	8.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Naphthalene	170	U	170	2.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Nitrobenzene	170	U	170	7.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
N-Nitrosodi-n-propylamine	170	U	170	13	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
N-Nitrosodiphenylamine	170	U	170	9.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Pentachlorophenol	330	U	330	57	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Phenanthrene	170	U	170	3.5	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Phenol	170	U	170	18	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Pyrene	170	U	170	1.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Lidocaine	*170*	*U*	*ug/Kg*			*137-58-6*	*09/23/13 14:38*	*09/24/13 12:37*	*1*
Phenobarbital	*170*	*U*	*ug/Kg*			*50-06-6*	*09/23/13 14:38*	*09/24/13 12:37*	*1*

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

Lab Sample ID: MB 480-140683/1-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140683

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				09/23/13 14:38	09/24/13 12:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	107		39 - 146	09/23/13 14:38	09/24/13 12:37	1
2-Fluorobiphenyl	98		37 - 120	09/23/13 14:38	09/24/13 12:37	1
2-Fluorophenol	80		18 - 120	09/23/13 14:38	09/24/13 12:37	1
Nitrobenzene-d5	90		34 - 132	09/23/13 14:38	09/24/13 12:37	1
Phenol-d5	91		11 - 120	09/23/13 14:38	09/24/13 12:37	1
p-Terphenyl-d14	113		65 - 153	09/23/13 14:38	09/24/13 12:37	1

Lab Sample ID: LCS 480-140683/2-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1650	1500		ug/Kg		91	39 - 120
1,4-Dichlorobenzene	1650	1350		ug/Kg		82	34 - 120
2,4-Dinitrotoluene	1650	1490		ug/Kg		90	55 - 125
2-Chlorophenol	1650	1360		ug/Kg		82	38 - 120
4-Chloro-3-methylphenol	1650	1650		ug/Kg		100	49 - 125
4-Nitrophenol	3300	2990		ug/Kg		91	43 - 137
Acenaphthene	1650	1620		ug/Kg		98	53 - 120
Bis(2-ethylhexyl) phthalate	1650	1850		ug/Kg		112	61 - 133
Fluorene	1650	1550		ug/Kg		94	63 - 126
Hexachloroethane	1650	1450		ug/Kg		88	41 - 120
N-Nitrosodi-n-propylamine	1650	1760		ug/Kg		106	46 - 120
Pentachlorophenol	3300	2280		ug/Kg		69	33 - 136
Phenol	1650	1490		ug/Kg		90	36 - 120
Pyrene	1650	1680		ug/Kg		102	51 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	119		39 - 146
2-Fluorobiphenyl	96		37 - 120
2-Fluorophenol	84		18 - 120
Nitrobenzene-d5	99		34 - 132
Phenol-d5	93		11 - 120
p-Terphenyl-d14	109		65 - 153

Lab Sample ID: 480-46192-4 MS
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA
Prep Batch: 140683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3200	U	3210	2900	J	ug/Kg	☼	90	39 - 120
1,4-Dichlorobenzene	3200	U	3210	2600	J	ug/Kg	☼	81	34 - 120
2,4-Dinitrotoluene	1600	U	3210	3000		ug/Kg	☼	94	55 - 125
2-Chlorophenol	1600	U	3210	2650		ug/Kg	☼	83	38 - 120

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

Lab Sample ID: 480-46192-4 MS
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA
Prep Batch: 140683

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	1600	U	3210	3310		ug/Kg	☼	103	49 - 125
4-Nitrophenol	3200	U	6410	5450		ug/Kg	☼	85	43 - 137
Acenaphthene	1600	U	3210	3270		ug/Kg	☼	102	53 - 120
Bis(2-ethylhexyl) phthalate	1600	U	3210	3500		ug/Kg	☼	109	61 - 133
Fluorene	1600	U	3210	3190		ug/Kg	☼	99	63 - 126
Hexachloroethane	1600	U	3210	2100		ug/Kg	☼	65	41 - 120
N-Nitrosodi-n-propylamine	1600	U	3210	3000		ug/Kg	☼	94	46 - 120
Pentachlorophenol	3200	U	6410	2550	J	ug/Kg	☼	40	33 - 136
Phenol	1600	U	3210	3020		ug/Kg	☼	94	36 - 120
Pyrene	550	J	3210	3820		ug/Kg	☼	102	51 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*119*		*39 - 146*
2-Fluorobiphenyl	*96*		*37 - 120*
2-Fluorophenol	*85*		*18 - 120*
Nitrobenzene-d5	*94*		*34 - 132*
Phenol-d5	*95*		*11 - 120*
p-Terphenyl-d14	*105*		*65 - 153*

Lab Sample ID: 480-46192-4 MSD
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA
Prep Batch: 140683

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	3200	U	3220	2900	J	ug/Kg	☼	90	39 - 120	0	30
1,4-Dichlorobenzene	3200	U	3220	2790	J	ug/Kg	☼	87	34 - 120	7	35
2,4-Dinitrotoluene	1600	U	3220	3000		ug/Kg	☼	93	55 - 125	0	20
2-Chlorophenol	1600	U	3220	2870		ug/Kg	☼	89	38 - 120	8	25
4-Chloro-3-methylphenol	1600	U	3220	3120		ug/Kg	☼	97	49 - 125	6	27
4-Nitrophenol	3200	U	6440	5210		ug/Kg	☼	81	43 - 137	4	25
Acenaphthene	1600	U	3220	3310		ug/Kg	☼	103	53 - 120	1	35
Bis(2-ethylhexyl) phthalate	1600	U	3220	3410		ug/Kg	☼	106	61 - 133	3	15
Fluorene	1600	U	3220	3190		ug/Kg	☼	99	63 - 126	0	15
Hexachloroethane	1600	U	3220	2400		ug/Kg	☼	74	41 - 120	13	46
N-Nitrosodi-n-propylamine	1600	U	3220	3330		ug/Kg	☼	103	46 - 120	10	31
Pentachlorophenol	3200	U	6440	2750	J	ug/Kg	☼	43	33 - 136	8	35
Phenol	1600	U	3220	3050		ug/Kg	☼	95	36 - 120	1	35
Pyrene	550	J	3220	3800		ug/Kg	☼	101	51 - 133	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*39 - 146*
2-Fluorobiphenyl	*96*		*37 - 120*
2-Fluorophenol	*88*		*18 - 120*
Nitrobenzene-d5	*99*		*34 - 132*
Phenol-d5	*96*		*11 - 120*
p-Terphenyl-d14	*110*		*65 - 153*

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

Lab Sample ID: MB 480-140986/1-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		09/25/13 07:39	09/26/13 13:19	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.52	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		09/25/13 07:39	09/26/13 13:19	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Nitroaniline	10	U	10	0.42	ug/L		09/25/13 07:39	09/26/13 13:19	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
3-Nitroaniline	10	U	10	0.48	ug/L		09/25/13 07:39	09/26/13 13:19	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Methylphenol	10	U	10	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Nitroaniline	10	U	10	0.25	ug/L		09/25/13 07:39	09/26/13 13:19	1
4-Nitrophenol	10	U	10	1.5	ug/L		09/25/13 07:39	09/26/13 13:19	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		09/25/13 07:39	09/26/13 13:19	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		09/25/13 07:39	09/26/13 13:19	1
Anthracene	5.0	U	5.0	0.28	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(a)anthracene	5.0	U	5.0	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(a)pyrene	5.0	U	5.0	0.47	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(b)fluoranthene	5.0	U	5.0	0.34	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(g,h,i)perylene	5.0	U	5.0	0.35	ug/L		09/25/13 07:39	09/26/13 13:19	1
Benzo(k)fluoranthene	5.0	U	5.0	0.73	ug/L		09/25/13 07:39	09/26/13 13:19	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		09/25/13 07:39	09/26/13 13:19	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	1.8	ug/L		09/25/13 07:39	09/26/13 13:19	1
Butyl benzyl phthalate	5.0	U	5.0	0.42	ug/L		09/25/13 07:39	09/26/13 13:19	1
Carbazole	5.0	U	5.0	0.30	ug/L		09/25/13 07:39	09/26/13 13:19	1
Chrysene	5.0	U	5.0	0.33	ug/L		09/25/13 07:39	09/26/13 13:19	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		09/25/13 07:39	09/26/13 13:19	1
Dibenzofuran	10	U	10	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		09/25/13 07:39	09/26/13 13:19	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		09/25/13 07:39	09/26/13 13:19	1

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

Lab Sample ID: MB 480-140986/1-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		09/25/13 07:39	09/26/13 13:19	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		09/25/13 07:39	09/26/13 13:19	1
Fluorene	5.0	U	5.0	0.36	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		09/25/13 07:39	09/26/13 13:19	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		09/25/13 07:39	09/26/13 13:19	1
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.47	ug/L		09/25/13 07:39	09/26/13 13:19	1
Isophorone	5.0	U	5.0	0.43	ug/L		09/25/13 07:39	09/26/13 13:19	1
Naphthalene	5.0	U	5.0	0.76	ug/L		09/25/13 07:39	09/26/13 13:19	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		09/25/13 07:39	09/26/13 13:19	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		09/25/13 07:39	09/26/13 13:19	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		09/25/13 07:39	09/26/13 13:19	1
Pentachlorophenol	10	U	10	2.2	ug/L		09/25/13 07:39	09/26/13 13:19	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		09/25/13 07:39	09/26/13 13:19	1
Phenol	5.0	U	5.0	0.39	ug/L		09/25/13 07:39	09/26/13 13:19	1
Pyrene	5.0	U	5.0	0.34	ug/L		09/25/13 07:39	09/26/13 13:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14.1*	*T J*	*ug/L*		*3.23*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*17.7*	*T J*	*ug/L*		*3.30*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Cyclohexane	*30.0*	*T J N*	*ug/L*		*3.39*	*110-82-7*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*10.7*	*T J*	*ug/L*		*3.43*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*626*	*T J*	*ug/L*		*3.54*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Methyl Isobutyl Ketone	*11.8*	*T J N*	*ug/L*		*4.08*	*108-10-1*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
Benzene, 1,3-dimethyl-	*31.7*	*T J N*	*ug/L*		*5.24*	*108-38-3*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*29.3*	*T J*	*ug/L*		*10.15*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
n-Hexadecanoic acid	*7.08*	*T J N*	*ug/L*		*10.45*	*57-10-3*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*14.6*	*T J*	*ug/L*		*10.69*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*57.7*	*T J*	*ug/L*		*11.07*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*27.8*	*T J*	*ug/L*		*11.60*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*92.7*	*T J*	*ug/L*		*12.02*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*9.85*	*T J*	*ug/L*		*12.39*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*35.9*	*T J*	*ug/L*		*12.69*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*66.3*	*T J*	*ug/L*		*13.15*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*10.0*	*T J*	*ug/L*		*13.64*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*11.2*	*T J*	*ug/L*		*14.48*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*19.8*	*T J*	*ug/L*		*15.08*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Unknown	*77.5*	*T J*	*ug/L*		*15.45*		*09/25/13 07:39*	*09/26/13 13:19*	*1*
Lidocaine	*5.0*	*U*	*ug/L*			*137-58-6*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
Phenobarbital	*5.0*	*U*	*ug/L*			*50-06-6*	*09/25/13 07:39*	*09/26/13 13:19*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 132*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
2-Fluorophenol	*63*		*20 - 120*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*09/25/13 07:39*	*09/26/13 13:19*	*1*

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

Lab Sample ID: MB 480-140986/1-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140986

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	*46*		*16 - 120*	*09/25/13 07:39*	*09/26/13 13:19*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*09/25/13 07:39*	*09/26/13 13:19*	*1*

Lab Sample ID: LCS 480-140986/2-A
Matrix: Water
Analysis Batch: 141281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	26.0		ug/L		81	40 - 120
1,4-Dichlorobenzene	32.0	25.0		ug/L		78	32 - 120
2,4-Dinitrotoluene	32.0	35.4		ug/L		111	65 - 154
2-Chlorophenol	32.0	28.4		ug/L		89	48 - 120
4-Chloro-3-methylphenol	32.0	32.5		ug/L		102	64 - 120
4-Nitrophenol	64.0	35.6		ug/L		56	16 - 120
Acenaphthene	32.0	29.7		ug/L		93	60 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.6		ug/L		102	53 - 158
Fluorene	32.0	30.5		ug/L		95	55 - 143
Hexachloroethane	32.0	24.6		ug/L		77	14 - 101
N-Nitrosodi-n-propylamine	32.0	31.5		ug/L		98	56 - 120
Pentachlorophenol	64.0	54.4		ug/L		85	39 - 136
Phenol	32.0	16.3		ug/L		51	17 - 120
Pyrene	32.0	31.4		ug/L		98	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	*96*		*52 - 132*
2-Fluorobiphenyl	*89*		*48 - 120*
2-Fluorophenol	*66*		*20 - 120*
Nitrobenzene-d5	*92*		*46 - 120*
Phenol-d5	*47*		*16 - 120*
p-Terphenyl-d14	*98*		*67 - 150*

Lab Sample ID: 480-46192-12 MS
Matrix: Water
Analysis Batch: 141281

Client Sample ID: SD-7830-091913-BP-003
Prep Type: Total/NA
Prep Batch: 140986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	9.6	U	30.2	20.7		ug/L		68	40 - 120
1,4-Dichlorobenzene	9.6	U	30.2	19.7		ug/L		65	32 - 120
2,4-Dinitrotoluene	4.8	U	30.2	31.8		ug/L		105	62 - 148
2-Chlorophenol	4.8	U	30.2	22.1		ug/L		73	48 - 120
4-Chloro-3-methylphenol	4.8	U	30.2	27.8		ug/L		92	64 - 120
4-Nitrophenol	9.6	U	60.4	31.5		ug/L		52	16 - 120
Acenaphthene	4.8	U	30.2	24.6		ug/L		81	60 - 120
Bis(2-ethylhexyl) phthalate	4.8	U	30.2	14.2	F	ug/L		47	53 - 158
Fluorene	4.8	U	30.2	27.5		ug/L		91	55 - 143
Hexachloroethane	4.8	U	30.2	18.4		ug/L		61	14 - 101
N-Nitrosodi-n-propylamine	4.8	U	30.2	24.9		ug/L		82	56 - 120
Pentachlorophenol	9.6	U	60.4	53.1		ug/L		88	39 - 136

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

Lab Sample ID: 480-46192-12 MS
Matrix: Water
Analysis Batch: 141281

Client Sample ID: SD-7830-091913-BP-003
Prep Type: Total/NA
Prep Batch: 140986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	4.8	U	30.2	12.4		ug/L		41	17 - 120
Pyrene	4.8	U	30.2	24.5		ug/L		81	58 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*93*		*52 - 132*
2-Fluorobiphenyl	*82*		*48 - 120*
2-Fluorophenol	*53*		*20 - 120*
Nitrobenzene-d5	*78*		*46 - 120*
Phenol-d5	*40*		*16 - 120*
p-Terphenyl-d14	*61*	*X*	*67 - 150*

Lab Sample ID: 480-46192-12 MSD
Matrix: Water
Analysis Batch: 141281

Client Sample ID: SD-7830-091913-BP-003
Prep Type: Total/NA
Prep Batch: 140986

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	9.6	U	30.2	19.1		ug/L		63	40 - 120	8	30
1,4-Dichlorobenzene	9.6	U	30.2	17.2		ug/L		57	32 - 120	14	36
2,4-Dinitrotoluene	4.8	U	30.2	31.4		ug/L		104	62 - 148	1	20
2-Chlorophenol	4.8	U	30.2	19.8		ug/L		66	48 - 120	11	25
4-Chloro-3-methylphenol	4.8	U	30.2	27.1		ug/L		90	64 - 120	2	27
4-Nitrophenol	9.6	U	60.3	33.1		ug/L		55	16 - 120	5	48
Acenaphthene	4.8	U	30.2	23.3		ug/L		77	60 - 120	5	24
Bis(2-ethylhexyl) phthalate	4.8	U	30.2	15.6	F	ug/L		52	53 - 158	10	15
Fluorene	4.8	U	30.2	26.1		ug/L		87	55 - 143	5	15
Hexachloroethane	4.8	U	30.2	16.0		ug/L		53	14 - 101	14	46
N-Nitrosodi-n-propylamine	4.8	U	30.2	21.9		ug/L		73	56 - 120	13	31
Pentachlorophenol	9.6	U	60.3	55.0		ug/L		91	39 - 136	3	37
Phenol	4.8	U	30.2	11.5		ug/L		38	17 - 120	7	34
Pyrene	4.8	U	30.2	24.8		ug/L		82	58 - 136	1	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*91*		*52 - 132*
2-Fluorobiphenyl	*76*		*48 - 120*
2-Fluorophenol	*48*		*20 - 120*
Nitrobenzene-d5	*72*		*46 - 120*
Phenol-d5	*37*		*16 - 120*
p-Terphenyl-d14	*61*	*X*	*67 - 150*

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 200-62290/5
Matrix: Solid
Analysis Batch: 62290

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	1000	mg/Kg			10/03/13 12:14	1

Method: Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 200-62290/6
Matrix: Solid
Analysis Batch: 62290

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20100	20190		mg/Kg		100	75 - 125

Lab Sample ID: 480-46192-4 MS
Matrix: Solid
Analysis Batch: 62290

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	81400		69000	120700	F	mg/Kg	☼	57	75 - 125

Lab Sample ID: 480-46192-4 MSD
Matrix: Solid
Analysis Batch: 62290

Client Sample ID: SD-7830-091913-BP-004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	81400		69000	123400	F	mg/Kg	☼	61	75 - 125	2	20

GC/MS VOA

Analysis Batch: 140281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-5	SD-7830-091913-BP-001	Total/NA	Solid	8260B	140324
480-46192-6	SD-7830-091913-BP-002	Total/NA	Solid	8260B	140324
480-46192-7	SD-7830-091913-BP-003	Total/NA	Solid	8260B	140324
480-46192-8	SD-7830-091913-BP-004	Total/NA	Solid	8260B	140324
480-46192-8 MS	SD-7830-091913-BP-004	Total/NA	Solid	8260B	140324
480-46192-8 MSD	SD-7830-091913-BP-004	Total/NA	Solid	8260B	140324
LCS 480-140281/8	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-140281/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 140324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-5	SD-7830-091913-BP-001	Total/NA	Solid	5035	
480-46192-6	SD-7830-091913-BP-002	Total/NA	Solid	5035	
480-46192-7	SD-7830-091913-BP-003	Total/NA	Solid	5035	
480-46192-8	SD-7830-091913-BP-004	Total/NA	Solid	5035	
480-46192-8 MS	SD-7830-091913-BP-004	Total/NA	Solid	5035	
480-46192-8 MSD	SD-7830-091913-BP-004	Total/NA	Solid	5035	

Analysis Batch: 140425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-9	SD-7830-091913-BP-001	Total/NA	Water	8260B	
480-46192-10	SD-7830-091913-BP-002	Total/NA	Water	8260B	
480-46192-11	SD-7830-091913-BP-004	Total/NA	Water	8260B	
480-46192-12	SD-7830-091913-BP-003	Total/NA	Water	8260B	
480-46192-12 MS	SD-7830-091913-BP-003	Total/NA	Water	8260B	
480-46192-12 MSD	SD-7830-091913-BP-003	Total/NA	Water	8260B	
480-46192-13	TB	Total/NA	Water	8260B	
480-46192-14	RB-7830-091913-BP-001	Total/NA	Water	8260B	
480-46192-15	RB-7830-091913-BP-002	Total/NA	Water	8260B	
LCS 480-140425/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-140425/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 140683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-1	SD-7830-091913-BP-001	Total/NA	Solid	3550B	
480-46192-2	SD-7830-091913-BP-002	Total/NA	Solid	3550B	
480-46192-3	SD-7830-091913-BP-003	Total/NA	Solid	3550B	
480-46192-4	SD-7830-091913-BP-004	Total/NA	Solid	3550B	
480-46192-4 MS	SD-7830-091913-BP-004	Total/NA	Solid	3550B	
480-46192-4 MSD	SD-7830-091913-BP-004	Total/NA	Solid	3550B	
LCS 480-140683/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-140683/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 140853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-1	SD-7830-091913-BP-001	Total/NA	Solid	8270C	140683
480-46192-2	SD-7830-091913-BP-002	Total/NA	Solid	8270C	140683
480-46192-3	SD-7830-091913-BP-003	Total/NA	Solid	8270C	140683

GC/MS Semi VOA (Continued)

Analysis Batch: 140853 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-4	SD-7830-091913-BP-004	Total/NA	Solid	8270C	140683
480-46192-4 MS	SD-7830-091913-BP-004	Total/NA	Solid	8270C	140683
480-46192-4 MSD	SD-7830-091913-BP-004	Total/NA	Solid	8270C	140683
LCS 480-140683/2-A	Lab Control Sample	Total/NA	Solid	8270C	140683
MB 480-140683/1-A	Method Blank	Total/NA	Solid	8270C	140683

Prep Batch: 140986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-9	SD-7830-091913-BP-001	Total/NA	Water	3510C	
480-46192-10	SD-7830-091913-BP-002	Total/NA	Water	3510C	
480-46192-11	SD-7830-091913-BP-004	Total/NA	Water	3510C	
480-46192-12	SD-7830-091913-BP-003	Total/NA	Water	3510C	
480-46192-12 MS	SD-7830-091913-BP-003	Total/NA	Water	3510C	
480-46192-12 MSD	SD-7830-091913-BP-003	Total/NA	Water	3510C	
480-46192-14	RB-7830-091913-BP-001	Total/NA	Water	3510C	
480-46192-15	RB-7830-091913-BP-002	Total/NA	Water	3510C	
LCS 480-140986/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-140986/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 141281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-9	SD-7830-091913-BP-001	Total/NA	Water	8270C	140986
480-46192-10	SD-7830-091913-BP-002	Total/NA	Water	8270C	140986
480-46192-11	SD-7830-091913-BP-004	Total/NA	Water	8270C	140986
480-46192-12	SD-7830-091913-BP-003	Total/NA	Water	8270C	140986
480-46192-12 MS	SD-7830-091913-BP-003	Total/NA	Water	8270C	140986
480-46192-12 MSD	SD-7830-091913-BP-003	Total/NA	Water	8270C	140986
480-46192-14	RB-7830-091913-BP-001	Total/NA	Water	8270C	140986
480-46192-15	RB-7830-091913-BP-002	Total/NA	Water	8270C	140986
LCS 480-140986/2-A	Lab Control Sample	Total/NA	Water	8270C	140986
MB 480-140986/1-A	Method Blank	Total/NA	Water	8270C	140986

General Chemistry

Analysis Batch: 62290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-1	SD-7830-091913-BP-001	Total/NA	Solid	Lloyd Kahn	
480-46192-2	SD-7830-091913-BP-002	Total/NA	Solid	Lloyd Kahn	
480-46192-3	SD-7830-091913-BP-003	Total/NA	Solid	Lloyd Kahn	
480-46192-4	SD-7830-091913-BP-004	Total/NA	Solid	Lloyd Kahn	
480-46192-4 MS	SD-7830-091913-BP-004	Total/NA	Solid	Lloyd Kahn	
480-46192-4 MSD	SD-7830-091913-BP-004	Total/NA	Solid	Lloyd Kahn	
LCS 200-62290/6	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	
MB 200-62290/5	Method Blank	Total/NA	Solid	Lloyd Kahn	

Analysis Batch: 140325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-1	SD-7830-091913-BP-001	Total/NA	Solid	Moisture	
480-46192-2	SD-7830-091913-BP-002	Total/NA	Solid	Moisture	
480-46192-3	SD-7830-091913-BP-003	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 140325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-4	SD-7830-091913-BP-004	Total/NA	Solid	Moisture	
480-46192-4 MS	SD-7830-091913-BP-004	Total/NA	Solid	Moisture	
480-46192-4 MSD	SD-7830-091913-BP-004	Total/NA	Solid	Moisture	

Analysis Batch: 140365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46192-5	SD-7830-091913-BP-001	Total/NA	Solid	Moisture	
480-46192-6	SD-7830-091913-BP-002	Total/NA	Solid	Moisture	
480-46192-7	SD-7830-091913-BP-003	Total/NA	Solid	Moisture	
480-46192-8	SD-7830-091913-BP-004	Total/NA	Solid	Moisture	
480-46192-8 MS	SD-7830-091913-BP-004	Total/NA	Solid	Moisture	
480-46192-8 MSD	SD-7830-091913-BP-004	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-1
Date Collected: 09/19/13 11:30
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 46.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			140683	09/23/13 14:38	TRG	TAL BUF
Total/NA	Analysis	8270C		20	140853	09/24/13 18:01	RMM	TAL BUF
Total/NA	Analysis	Lloyd Kahn		1	62290	10/03/13 12:14	VTP	TAL BUR
Total/NA	Analysis	Moisture		1	140325	09/20/13 13:46	ZJR	TAL BUF

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-2
Date Collected: 09/19/13 11:30
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 35.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			140683	09/23/13 14:38	TRG	TAL BUF
Total/NA	Analysis	8270C		20	140853	09/24/13 18:25	RMM	TAL BUF
Total/NA	Analysis	Lloyd Kahn		1	62290	10/03/13 12:14	VTP	TAL BUR
Total/NA	Analysis	Moisture		1	140325	09/20/13 13:46	ZJR	TAL BUF

Client Sample ID: SD-7830-091913-BP-003

Lab Sample ID: 480-46192-3
Date Collected: 09/19/13 13:45
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 37.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			140683	09/23/13 14:38	TRG	TAL BUF
Total/NA	Analysis	8270C		10	140853	09/24/13 18:50	RMM	TAL BUF
Total/NA	Analysis	Lloyd Kahn		1	62290	10/03/13 12:14	VTP	TAL BUR
Total/NA	Analysis	Moisture		1	140325	09/20/13 13:46	ZJR	TAL BUF

Client Sample ID: SD-7830-091913-BP-004

Lab Sample ID: 480-46192-4
Date Collected: 09/19/13 15:15
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 50.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			140683	09/23/13 14:38	TRG	TAL BUF
Total/NA	Analysis	8270C		5	140853	09/24/13 19:15	RMM	TAL BUF
Total/NA	Analysis	Lloyd Kahn		1	62290	10/03/13 12:14	VTP	TAL BUR
Total/NA	Analysis	Moisture		1	140325	09/20/13 13:46	ZJR	TAL BUF

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-5
Date Collected: 09/19/13 11:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 37.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			140324	09/20/13 13:41	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	140281	09/20/13 18:12	PJQ	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-5

Date Collected: 09/19/13 11:00
Matrix: Solid
Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	140365	09/20/13 15:03	PJQ	TAL BUF

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-6

Date Collected: 09/19/13 11:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 31.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			140324	09/20/13 13:41	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	140281	09/20/13 18:37	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	140365	09/20/13 15:03	PJQ	TAL BUF

Client Sample ID: SD-7830-091913-BP-003

Lab Sample ID: 480-46192-7

Date Collected: 09/19/13 13:30
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 46.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			140324	09/20/13 13:41	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	140281	09/20/13 19:03	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	140365	09/20/13 15:03	PJQ	TAL BUF

Client Sample ID: SD-7830-091913-BP-004

Lab Sample ID: 480-46192-8

Date Collected: 09/19/13 15:00
Matrix: Solid
Date Received: 09/20/13 02:00
Percent Solids: 46.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			140324	09/20/13 13:41	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	140281	09/20/13 19:28	PJQ	TAL BUF
Total/NA	Analysis	Moisture		1	140365	09/20/13 15:03	PJQ	TAL BUF

Client Sample ID: SD-7830-091913-BP-001

Lab Sample ID: 480-46192-9

Date Collected: 09/19/13 11:05
Matrix: Water
Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 04:48	NQN	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 16:05	RMM	TAL BUF

Client Sample ID: SD-7830-091913-BP-002

Lab Sample ID: 480-46192-10

Date Collected: 09/19/13 11:05

Matrix: Water

Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 05:10	NQN	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 16:32	RMM	TAL BUF

Client Sample ID: SD-7830-091913-BP-004

Lab Sample ID: 480-46192-11

Date Collected: 09/19/13 14:45

Matrix: Water

Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 05:32	NQN	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 16:59	RMM	TAL BUF

Client Sample ID: SD-7830-091913-BP-003

Lab Sample ID: 480-46192-12

Date Collected: 09/19/13 13:30

Matrix: Water

Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 05:54	NQN	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 17:26	RMM	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-46192-13

Date Collected: 09/19/13 00:00

Matrix: Water

Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 07:00	NQN	TAL BUF

Client Sample ID: RB-7830-091913-BP-001

Lab Sample ID: 480-46192-14

Date Collected: 09/19/13 12:00

Matrix: Water

Date Received: 09/20/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 07:21	NQN	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 17:53	RMM	TAL BUF

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Client Sample ID: RB-7830-091913-BP-002
Date Collected: 09/19/13 13:00
Date Received: 09/20/13 02:00

Lab Sample ID: 480-46192-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	140425	09/21/13 07:43	NQN	TAL BUF
Total/NA	Prep	3510C			140986	09/25/13 07:39	MNF	TAL BUF
Total/NA	Analysis	8270C		1	141281	09/26/13 18:20	RMM	TAL BUF

Laboratory References:

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

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13 *
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	10-01-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-13 *
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-15
Florida	NELAP	4	E87467	06-30-14
L-A-B	DoD ELAP		L2336	10-26-13 *
Louisiana	NELAP	6	176292	06-30-14
Maine	State Program	1	VT00008	04-17-15
Minnesota	NELAP	5	050-999-436	12-31-13
New Hampshire	NELAP	1	2006	12-18-13
New Jersey	NELAP	2	VT972	06-30-14
New York	NELAP	2	10391	04-01-14
Pennsylvania	NELAP	3	68-00489	04-30-14
Rhode Island	State Program	1	LAO00298	12-30-13
US Fish & Wildlife	Federal		LE-058448-0	02-28-14
USDA	Federal		P330-11-00093	02-17-14

* Expired certification is currently pending renewal and is considered valid.

Client: Conestoga-Rovers & Associates, Inc. TestAmerica Job ID: 480-46192-1
Project/Site: Sterling Site #2 and #3 East Greenbush,

Laboratory: TestAmerica Burlington (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Vermont	State Program	1	VT-4000	12-31-13

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL BUR
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46192-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-46192-1	SD-7830-091913-BP-001	Solid	09/19/13 11:30	09/20/13 02:00
480-46192-2	SD-7830-091913-BP-002	Solid	09/19/13 11:30	09/20/13 02:00
480-46192-3	SD-7830-091913-BP-003	Solid	09/19/13 13:45	09/20/13 02:00
480-46192-4	SD-7830-091913-BP-004	Solid	09/19/13 15:15	09/20/13 02:00
480-46192-5	SD-7830-091913-BP-001	Solid	09/19/13 11:00	09/20/13 02:00
480-46192-6	SD-7830-091913-BP-002	Solid	09/19/13 11:00	09/20/13 02:00
480-46192-7	SD-7830-091913-BP-003	Solid	09/19/13 13:30	09/20/13 02:00
480-46192-8	SD-7830-091913-BP-004	Solid	09/19/13 15:00	09/20/13 02:00
480-46192-9	SD-7830-091913-BP-001	Water	09/19/13 11:05	09/20/13 02:00
480-46192-10	SD-7830-091913-BP-002	Water	09/19/13 11:05	09/20/13 02:00
480-46192-11	SD-7830-091913-BP-004	Water	09/19/13 14:45	09/20/13 02:00
480-46192-12	SD-7830-091913-BP-003	Water	09/19/13 13:30	09/20/13 02:00
480-46192-13	TB	Water	09/19/13 00:00	09/20/13 02:00
480-46192-14	RB-7830-091913-BP-001	Water	09/19/13 12:00	09/20/13 02:00
480-46192-15	RB-7830-091913-BP-002	Water	09/19/13 13:00	09/20/13 02:00

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brian Pickett	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.1
Client Contact: Ms. Sue Scrocchi	Phone: (518) 248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:

Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:
City: Niagara Falls	TAT Requested (days):
State, Zip: NY, 14304	
Phone: 716 297 6150	PO #: 15-Dec
Email: sscrocchi@craworld.com	WO #:
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568
Site: New York	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
SD 7830-091913-BP-001	9/19/13	1130	G	Water			-	1	-	1	2	VOC sample time 1100
SD 7830-091913-BP-002		1130	G	Water			-	1	-	1	2	
SD 7830-091913-BP-003		1345	G	Water			-	1	-	1	2	
SD 7830-091913-BP-004		1515	G	Water			-	3	-	2	5	
				Water								
SD 7830-091913-BP-001	9/19/13	1100	G	Water			1	-	2	-	3	
SD 7830-091913-BP-002		1100	G	Water			1	-	2	-	3	
SD 7830-091913-BP-003		1330	G	Water			1	-	2	-	3	
SD 7830-091913-BP-004		1500	G	Water			1	-	3	-	4	+ MS/MSD
		9/14/13		Water								
				Water								

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 9/19/13 1630*	Company: CRA	Received by:	Date/Time: 9/19/13 17:35	Company: TA
Relinquished by:	Date/Time: 9/19/13	Company: TA	Received by:	Date/Time: 9/20.13 0200	Company: TAL
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.4, 2.8 #1

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brian Pickert	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.2
Client Contact: Ms. Sue Scrocchi	Phone: (518) 248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 2 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304				
Phone: (716) 297-6150	PO #: 15-Dec			
Email: sscrocchi@craworld.com	WO #:			
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
WS-7830-091913-BP-001	9/19/13	1105	G	Water			3	2	-	-	5	
WS-7830-091913-BP-002	"	1105	G	Water			3	2	-	-	5	
WS-7830-091913-BP-003	"	1330	G	Water			3	2	-	-	5	
WS 7830-091913-BP-004	↓	1445	G	Water			9	6	-	-	15	MS/MSD
TR.				Water								
				Water								
				Water								
				Water								
				Solid							•	
				Solid								
				Solid								

9/19/13

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/19/13 1630	CRA		9/19/13 17:35	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/19/13	TA		9-20-13 0200	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.4, 2.8 #1

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 480-46192-1

Login Number: 46192

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 480-46192-1

Login Number: 46192
List Number: 1
Creator: Gagne, Eric M

List Source: TestAmerica Burlington
List Creation: 09/21/13 02:04 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	957605
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2ºC. IR GUN ID 181. CF -0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	Refer to Job Narrative for details.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-46303-1
Client Project/Site: Sterling Site #3

For:
NPEC - Sterling
1999 Lake Avenue
Rochester, New York 14650

Attn: Bryan Gallagher

Authorized for release by:
10/16/2013 6:03:46 PM

John Schove, Project Manager I
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-46303-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-46303-1

Comments
No additional comments.

Receipt
The samples were received on 9/21/2013 1:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following samples were diluted due to the nature of the sample matrix and viscosity: SD-7830-092013-BP-005 (480-46303-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Four compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 140853: These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

Method(s) 8270C: The continuing calibration verification (CCV) for Benzaldehyde associated with batch 140853 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

General Chemistry
Method(s) Lloyd Kahn: The following sample was analyzed outside of analytical holding time due to a laboratory error. SD-7830-092013-BP-005 (480-46303-2).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Client Sample ID: SD-7830-092013-BP-005 — Lab Sample ID: 480-46303-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.9	J	22	1.6	ug/Kg	1	☼	8260B	Total/NA
Acetone	38		22	3.7	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SD-7830-092013-BP-005 — Lab Sample ID: 480-46303-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	170	J	3800	24	ug/Kg	10	☼	8270C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	120000	H	2300	2300	mg/Kg	1	☼	Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Client Sample ID: SD-7830-092013-BP-005
Date Collected: 09/20/13 09:30
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46303-1
Matrix: Solid
Percent Solids: 53.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	0.32	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.72	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4	1.0	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,1,2-Trichloroethane	ND		4.4	0.58	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,1-Dichloroethane	ND		4.4	0.54	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,1-Dichloroethene	ND		4.4	0.54	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,2,4-Trichlorobenzene	ND		4.4	0.27	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,2-Dibromo-3-Chloropropane	ND		4.4	2.2	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,2-Dibromoethane	ND		4.4	0.57	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,2-Dichlorobenzene	ND		4.4	0.35	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,2-Dichloroethane	ND		4.4	0.22	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,2-Dichloropropane	ND		4.4	2.2	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,3-Dichlorobenzene	ND		4.4	0.23	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
1,4-Dichlorobenzene	ND		4.4	0.62	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
2-Butanone (MEK)	**9.9**	**J**	22	1.6	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.5	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Acetone	**38**		22	3.7	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Benzene	ND		4.4	0.22	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Bromodichloromethane	ND		4.4	0.60	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Bromoform	ND		4.4	2.2	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Bromomethane	ND		4.4	0.40	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Carbon disulfide	ND		4.4	2.2	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Carbon tetrachloride	ND		4.4	0.43	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Chlorobenzene	ND		4.4	0.59	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Chloroethane	ND		4.4	1.0	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Chloroform	ND		4.4	0.27	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Chloromethane	ND		4.4	0.27	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
cis-1,2-Dichloroethene	ND		4.4	0.57	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
cis-1,3-Dichloropropene	ND		4.4	0.64	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Cyclohexane	ND		4.4	0.62	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Dibromochloromethane	ND		4.4	0.57	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Dichlorodifluoromethane	ND		4.4	0.37	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Ethyl ether	ND		22	1.9	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Ethylbenzene	ND		4.4	0.31	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Isopropylbenzene	ND		4.4	0.67	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
m,p-Xylene	ND		8.9	0.75	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Methyl acetate	ND		4.4	0.83	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Methyl tert-butyl ether	ND		4.4	0.44	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Methylcyclohexane	ND		4.4	0.68	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Methylene Chloride	ND		4.4	2.0	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
o-Xylene	ND		4.4	0.58	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Styrene	ND		4.4	0.22	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Tetrachloroethene	ND		4.4	0.60	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Toluene	ND		4.4	0.34	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
trans-1,2-Dichloroethene	ND		4.4	0.46	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
trans-1,3-Dichloropropene	ND		4.4	2.0	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Trichloroethene	ND		4.4	0.98	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Trichlorofluoromethane	ND		4.4	0.42	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Client Sample ID: SD-7830-092013-BP-005
Date Collected: 09/20/13 09:30
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46303-1
Matrix: Solid
Percent Solids: 53.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		4.4	0.54	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1
Xylenes, Total	ND		8.9	0.75	ug/Kg	☼	09/21/13 13:42	09/21/13 20:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/21/13 13:42*	*09/21/13 20:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/21/13 13:42*	*09/21/13 20:48*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 126*	*09/21/13 13:42*	*09/21/13 20:48*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*09/21/13 13:42*	*09/21/13 20:48*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Client Sample ID: SD-7830-092013-BP-005
Date Collected: 09/20/13 09:45
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46303-2
Matrix: Solid
Percent Solids: 43.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		7300	110	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
1,2-Dichlorobenzene	ND		7300	72	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
1,3-Dichlorobenzene	ND		7300	67	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
1,4-Dichlorobenzene	ND		7300	50	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,2'-Oxybis(1-chloropropane)	ND		3800	390	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,4,5-Trichlorophenol	ND		3800	820	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,4,6-Trichlorophenol	ND		3800	250	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,4-Dichlorophenol	ND		3800	200	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,4-Dimethylphenol	ND		3800	1000	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,4-Dinitrophenol	ND		7300	1300	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,4-Dinitrotoluene	ND		3800	580	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2,6-Dinitrotoluene	ND		3800	920	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2-Chloronaphthalene	ND		3800	250	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2-Chlorophenol	ND		3800	190	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2-Methylnaphthalene	ND		3800	46	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2-Methylphenol	ND		3800	120	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2-Nitroaniline	ND		7300	1200	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
2-Nitrophenol	ND		3800	170	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
3,3'-Dichlorobenzidine	ND		3800	3300	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
3-Nitroaniline	ND		7300	860	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4,6-Dinitro-2-methylphenol	ND		7300	1300	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Bromophenyl phenyl ether	ND		3800	1200	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Chloro-3-methylphenol	ND		3800	150	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Chloroaniline	ND		3800	1100	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Chlorophenyl phenyl ether	ND		3800	80	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Methylphenol	ND		7300	210	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Nitroaniline	ND		7300	420	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
4-Nitrophenol	ND		7300	910	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Acenaphthene	ND		3800	44	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Acenaphthylene	ND		3800	31	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Anthracene	ND		3800	96	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Benzaldehyde	ND		3800	410	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Benzo(a)anthracene	ND		3800	65	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Benzo(a)pyrene	ND		3800	91	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Benzo(b)fluoranthene	ND		3800	73	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Benzo(g,h,i)perylene	ND		3800	45	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Benzo(k)fluoranthene	ND		3800	41	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Bis(2-chloroethoxy)methane	ND		3800	200	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Bis(2-chloroethyl)ether	ND		3800	320	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Bis(2-ethylhexyl) phthalate	ND		3800	1200	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Butyl benzyl phthalate	ND		3800	1000	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Carbazole	ND		3800	43	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Chrysene	ND		3800	38	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Dibenz(a,h)anthracene	ND		3800	44	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Dibenzofuran	ND		3800	39	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Diethyl phthalate	ND		3800	110	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Dimethyl phthalate	ND		3800	98	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Di-n-butyl phthalate	ND		3800	1300	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Di-n-octyl phthalate	ND		3800	88	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Client Sample ID: SD-7830-092013-BP-005
Date Collected: 09/20/13 09:45
Date Received: 09/21/13 01:30

Lab Sample ID: 480-46303-2
Matrix: Solid
Percent Solids: 43.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		3800	54	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Fluorene	ND		3800	87	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Hexachlorobenzene	ND		3800	190	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Hexachlorobutadiene	ND		3800	190	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Hexachlorocyclopentadiene	ND		3800	1100	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Hexachloroethane	ND		3800	290	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Indeno(1,2,3-cd)pyrene	ND		3800	100	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Isophorone	ND		3800	190	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Naphthalene	ND		3800	63	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Nitrobenzene	ND		3800	170	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
N-Nitrosodi-n-propylamine	ND		3800	300	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
N-Nitrosodiphenylamine	ND		3800	210	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Pentachlorophenol	ND		7300	1300	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Phenanthrene	ND		3800	79	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Phenol	ND		3800	400	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10
Pyrene	**170**	**J**	3800	24	ug/Kg	☼	09/23/13 14:38	09/24/13 19:40	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/23/13 14:38*	*09/24/13 19:40*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*39 - 146*	*09/23/13 14:38*	*09/24/13 19:40*	*10*
2-Fluorobiphenyl	*86*		*37 - 120*	*09/23/13 14:38*	*09/24/13 19:40*	*10*
2-Fluorophenol	*85*		*18 - 120*	*09/23/13 14:38*	*09/24/13 19:40*	*10*
Nitrobenzene-d5	*84*		*34 - 132*	*09/23/13 14:38*	*09/24/13 19:40*	*10*
Phenol-d5	*87*		*11 - 120*	*09/23/13 14:38*	*09/24/13 19:40*	*10*
p-Terphenyl-d14	*104*		*65 - 153*	*09/23/13 14:38*	*09/24/13 19:40*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**120000**	**H**	2300	2300	mg/Kg	☼		10/07/13 17:24	1

Surrogate Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		12DCE	BFB	TOL							
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)							
480-46303-1	SD-7830-092013-BP-005	105	106	104							
LCS 480-140485/6	Lab Control Sample	98	108	101							
MB 480-140485/7	Method Blank	96	104	101							

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		TBP	FBP	2FP	NBZ	PHL	TPH				
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(11-120)	(65-153)				
480-46303-2	SD-7830-092013-BP-005	88	86	85	84	87	104				
LCS 480-140683/2-A	Lab Control Sample	119	96	84	99	93	109				
MB 480-140683/1-A	Method Blank	107	98	80	90	91	113				

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-140485/7
Matrix: Solid
Analysis Batch: 140485

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/21/13 15:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/21/13 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/21/13 15:09	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/21/13 15:09	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/21/13 15:09	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/21/13 15:09	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/21/13 15:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/21/13 15:09	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/21/13 15:09	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/21/13 15:09	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/21/13 15:09	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/21/13 15:09	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/21/13 15:09	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/21/13 15:09	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/21/13 15:09	1
2-Hexanone	ND		25	2.5	ug/Kg			09/21/13 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/21/13 15:09	1
Acetone	ND		25	4.2	ug/Kg			09/21/13 15:09	1
Benzene	ND		5.0	0.25	ug/Kg			09/21/13 15:09	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/21/13 15:09	1
Bromoform	ND		5.0	2.5	ug/Kg			09/21/13 15:09	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/21/13 15:09	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/21/13 15:09	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/21/13 15:09	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/21/13 15:09	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/21/13 15:09	1
Chloroform	ND		5.0	0.31	ug/Kg			09/21/13 15:09	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/21/13 15:09	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/21/13 15:09	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/21/13 15:09	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/21/13 15:09	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/21/13 15:09	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/21/13 15:09	1
Ethyl ether	ND		25	2.1	ug/Kg			09/21/13 15:09	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/21/13 15:09	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/21/13 15:09	1
m,p-Xylene	ND		10	0.84	ug/Kg			09/21/13 15:09	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/21/13 15:09	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/21/13 15:09	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/21/13 15:09	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/21/13 15:09	1
o-Xylene	ND		5.0	0.65	ug/Kg			09/21/13 15:09	1
Styrene	ND		5.0	0.25	ug/Kg			09/21/13 15:09	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/21/13 15:09	1
Toluene	ND		5.0	0.38	ug/Kg			09/21/13 15:09	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/21/13 15:09	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/21/13 15:09	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/21/13 15:09	1

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

Lab Sample ID: MB 480-140485/7
Matrix: Solid
Analysis Batch: 140485

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/21/13 15:09	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/21/13 15:09	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/21/13 15:09	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/21/13 15:09*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*		*09/21/13 15:09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*		*09/21/13 15:09*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*		*09/21/13 15:09*	*1*

Lab Sample ID: LCS 480-140485/6
Matrix: Solid
Analysis Batch: 140485

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	47.5		ug/Kg		95	73 - 126
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	59 - 125
1,2-Dichlorobenzene	50.0	51.3		ug/Kg		103	75 - 120
1,2-Dichloroethane	50.0	49.0		ug/Kg		98	77 - 122
Benzene	50.0	47.3		ug/Kg		95	79 - 127
Chlorobenzene	50.0	51.9		ug/Kg		104	76 - 124
cis-1,2-Dichloroethene	50.0	49.0		ug/Kg		98	81 - 117
Ethylbenzene	50.0	50.4		ug/Kg		101	80 - 120
m,p-Xylene	100	103		ug/Kg		103	70 - 130
Methyl tert-butyl ether	50.0	48.6		ug/Kg		97	63 - 125
o-Xylene	50.0	52.2		ug/Kg		104	70 - 130
Tetrachloroethene	50.0	53.8		ug/Kg		108	74 - 122
Toluene	50.0	49.7		ug/Kg		99	74 - 128
trans-1,2-Dichloroethene	50.0	48.4		ug/Kg		97	78 - 126
Trichloroethene	50.0	48.9		ug/Kg		98	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*
4-Bromofluorobenzene (Surr)	*108*		*72 - 126*
Toluene-d8 (Surr)	*101*		*71 - 125*

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

Lab Sample ID: MB 480-140683/1-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		330	4.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
1,2-Dichlorobenzene	ND		330	3.2	ug/Kg		09/23/13 14:38	09/24/13 12:37	1

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

Lab Sample ID: MB 480-140683/1-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		330	3.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
1,4-Dichlorobenzene	ND		330	2.2	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,2'-Oxybis(1-chloropropane)	ND		170	17	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4,5-Trichlorophenol	ND		170	36	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4,6-Trichlorophenol	ND		170	11	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dichlorophenol	ND		170	8.7	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dimethylphenol	ND		170	45	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dinitrophenol	ND		330	58	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,4-Dinitrotoluene	ND		170	26	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2,6-Dinitrotoluene	ND		170	41	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Chloronaphthalene	ND		170	11	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Chlorophenol	ND		170	8.5	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Methylnaphthalene	ND		170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Methylphenol	ND		170	5.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Nitroaniline	ND		330	53	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
2-Nitrophenol	ND		170	7.6	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
3,3'-Dichlorobenzidine	ND		170	150	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
3-Nitroaniline	ND		330	38	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4,6-Dinitro-2-methylphenol	ND		330	58	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Bromophenyl phenyl ether	ND		170	53	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Chloro-3-methylphenol	ND		170	6.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Chloroaniline	ND		170	49	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Chlorophenyl phenyl ether	ND		170	3.6	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Methylphenol	ND		330	9.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Nitroaniline	ND		330	19	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
4-Nitrophenol	ND		330	40	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Acenaphthene	ND		170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Acenaphthylene	ND		170	1.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Anthracene	ND		170	4.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzaldehyde	ND		170	18	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(a)pyrene	ND		170	4.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(b)fluoranthene	ND		170	3.2	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Benzo(k)fluoranthene	ND		170	1.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Bis(2-chloroethoxy)methane	ND		170	9.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Bis(2-chloroethyl)ether	ND		170	14	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Bis(2-ethylhexyl) phthalate	ND		170	54	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Butyl benzyl phthalate	ND		170	45	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Carbazole	ND		170	1.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Chrysene	ND		170	1.7	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Dibenzofuran	ND		170	1.7	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Diethyl phthalate	ND		170	5.0	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Dimethyl phthalate	ND		170	4.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Di-n-butyl phthalate	ND		170	58	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Di-n-octyl phthalate	ND		170	3.9	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Fluoranthene	ND		170	2.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1

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

Lab Sample ID: MB 480-140683/1-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 140683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		170	3.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachlorobenzene	ND		170	8.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachlorobutadiene	ND		170	8.5	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachlorocyclopentadiene	ND		170	50	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Hexachloroethane	ND		170	13	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Indeno(1,2,3-cd)pyrene	ND		170	4.6	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Isophorone	ND		170	8.3	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Naphthalene	ND		170	2.8	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Nitrobenzene	ND		170	7.4	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
N-Nitrosodi-n-propylamine	ND		170	13	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
N-Nitrosodiphenylamine	ND		170	9.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Pentachlorophenol	ND		330	57	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Phenanthrene	ND		170	3.5	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Phenol	ND		170	18	ug/Kg		09/23/13 14:38	09/24/13 12:37	1
Pyrene	ND		170	1.1	ug/Kg		09/23/13 14:38	09/24/13 12:37	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*09/23/13 14:38*	*09/24/13 12:37*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*39 - 146*	*09/23/13 14:38*	*09/24/13 12:37*	*1*
2-Fluorobiphenyl	*98*		*37 - 120*	*09/23/13 14:38*	*09/24/13 12:37*	*1*
2-Fluorophenol	*80*		*18 - 120*	*09/23/13 14:38*	*09/24/13 12:37*	*1*
Nitrobenzene-d5	*90*		*34 - 132*	*09/23/13 14:38*	*09/24/13 12:37*	*1*
Phenol-d5	*91*		*11 - 120*	*09/23/13 14:38*	*09/24/13 12:37*	*1*
p-Terphenyl-d14	*113*		*65 - 153*	*09/23/13 14:38*	*09/24/13 12:37*	*1*

Lab Sample ID: LCS 480-140683/2-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140683

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1650	1500		ug/Kg		91	39 - 120
1,4-Dichlorobenzene	1650	1350		ug/Kg		82	34 - 120
2,4-Dinitrotoluene	1650	1490		ug/Kg		90	55 - 125
2-Chlorophenol	1650	1360		ug/Kg		82	38 - 120
4-Chloro-3-methylphenol	1650	1650		ug/Kg		100	49 - 125
4-Nitrophenol	3300	2990		ug/Kg		91	43 - 137
Acenaphthene	1650	1620		ug/Kg		98	53 - 120
Bis(2-ethylhexyl) phthalate	1650	1850		ug/Kg		112	61 - 133
Fluorene	1650	1550		ug/Kg		94	63 - 126
Hexachloroethane	1650	1450		ug/Kg		88	41 - 120
N-Nitrosodi-n-propylamine	1650	1760		ug/Kg		106	46 - 120
Pentachlorophenol	3300	2280		ug/Kg		69	33 - 136
Phenol	1650	1490		ug/Kg		90	36 - 120
Pyrene	1650	1680		ug/Kg		102	51 - 133

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

Lab Sample ID: LCS 480-140683/2-A
Matrix: Solid
Analysis Batch: 140853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140683

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*119*		*39 - 146*
2-Fluorobiphenyl	*96*		*37 - 120*
2-Fluorophenol	*84*		*18 - 120*
Nitrobenzene-d5	*99*		*34 - 132*
Phenol-d5	*93*		*11 - 120*
p-Terphenyl-d14	*109*		*65 - 153*

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 200-62332/5
Matrix: Solid
Analysis Batch: 62332

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1000	1000	mg/Kg			10/07/13 09:58	1

Lab Sample ID: LCS 200-62332/6
Matrix: Solid
Analysis Batch: 62332

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon			20100	21260		mg/Kg		106	75 - 125		

QC Association Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

GC/MS VOA

Analysis Batch: 140485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-1	SD-7830-092013-BP-005	Total/NA	Solid	8260B	140491
LCS 480-140485/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-140485/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 140491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-1	SD-7830-092013-BP-005	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 140683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-2	SD-7830-092013-BP-005	Total/NA	Solid	3550B	
LCS 480-140683/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-140683/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 140853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-2	SD-7830-092013-BP-005	Total/NA	Solid	8270C	140683
LCS 480-140683/2-A	Lab Control Sample	Total/NA	Solid	8270C	140683
MB 480-140683/1-A	Method Blank	Total/NA	Solid	8270C	140683

General Chemistry

Analysis Batch: 62332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-2	SD-7830-092013-BP-005	Total/NA	Solid	Lloyd Kahn	
LCS 200-62332/6	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	
MB 200-62332/5	Method Blank	Total/NA	Solid	Lloyd Kahn	

Analysis Batch: 140482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-2	SD-7830-092013-BP-005	Total/NA	Solid	Moisture	

Analysis Batch: 140501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46303-1	SD-7830-092013-BP-005	Total/NA	Solid	Moisture	

Lab Chronicle

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Client Sample ID: SD-7830-092013-BP-005 — **Lab Sample ID: 480-46303-1**
Date Collected: 09/20/13 09:30 — **Matrix: Solid**
Date Received: 09/21/13 01:30 — **Percent Solids: 53.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			140491	09/21/13 13:42	PJQ	TAL BUF
Total/NA	Analysis	8260B		1	140485	09/21/13 20:48	CDC	TAL BUF
Total/NA	Analysis	Moisture		1	140501	09/21/13 14:48	PJQ	TAL BUF

Client Sample ID: SD-7830-092013-BP-005 — **Lab Sample ID: 480-46303-2**
Date Collected: 09/20/13 09:45 — **Matrix: Solid**
Date Received: 09/21/13 01:30 — **Percent Solids: 43.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			140683	09/23/13 14:38	TRG	TAL BUF
Total/NA	Analysis	8270C		10	140853	09/24/13 19:40	RMM	TAL BUF
Total/NA	Analysis	Lloyd Kahn		1	62332	10/07/13 17:24	VTP	TAL BUR
Total/NA	Analysis	Moisture		1	140482	09/21/13 11:27	GTG	TAL BUF

Laboratory References:

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

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	04-01-14

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-13 *
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-15
Florida	NELAP	4	E87467	06-30-14
L-A-B	DoD ELAP		L2336	10-26-13 *
Louisiana	NELAP	6	176292	06-30-14
Maine	State Program	1	VT00008	04-17-15
Minnesota	NELAP	5	050-999-436	12-31-13
New Hampshire	NELAP	1	2006	12-18-13
New Jersey	NELAP	2	VT972	06-30-14
New York	NELAP	2	10391	04-01-14
Pennsylvania	NELAP	3	68-00489	04-30-14
Rhode Island	State Program	1	LAO00298	12-30-13
US Fish & Wildlife	Federal		LE-058448-0	02-28-14
USDA	Federal		P330-11-00093	02-17-14
Vermont	State Program	1	VT-4000	12-31-13

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL BUR
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-46303-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-46303-1	SD-7830-092013-BP-005	Solid	09/20/13 09:30	09/21/13 01:30
480-46303-2	SD-7830-092013-BP-005	Solid	09/20/13 09:45	09/21/13 01:30

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: BRIAN PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.3
Client Contact: Ms. Sue Scrocchi	Phone: 518 248 1970	E-Mail: john.schove@testamericainc.com		Page: Page 3 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:

Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:
City: Niagara Falls	TAT Requested (days):
State, Zip: NY, 14304	
Phone: 716 297-6150	PO #: 15-Dec
Email: sscrocchi@craworld.com	WO #:
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568
Site: New York	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
SD-7830-092013-BP-005	9/20/13	0930	G	Solid			1	2			3	
SD-7830-092013-BP-005	9/20/13	0945	C	Solid				1		1	2	
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

Terracore

9/20/13

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		9/20/13 1520	CRA 2M.		9/20/13 15:20	TA
2		9/20/13	TA		9/21/13 0130	TA
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1#1

Login Sample Receipt Checklist

Client: NPEC - Sterling

Job Number: 480-46303-1

Login Number: 46303

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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

Login Sample Receipt Checklist

Client: NPEC - Sterling

Job Number: 480-46303-1

Login Number: 46303
List Number: 1
Creator: Gagne, Eric M

List Source: TestAmerica Burlington
List Creation: 09/24/13 02:40 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	957694
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0ºC. IR GUN ID 181. CF -0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-46777-1
Client Project/Site: Sterling Site #2 and #3 East Greenbush,

For:
NPEC - Sterling
1999 Lake Avenue
Rochester, New York 14650

Attn: Bryan Gallagher

Authorized for release by:
10/18/2013 12:29:51 PM
Rebecca Jones, Project Mgmt. Assistant
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager I
(716)504-9838
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-46777-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-46777-1

Comments
No additional comments.

Receipt
The samples were received on 9/28/2013 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: WG-007830-092713-BP-001 (480-46777-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample recovery was below TestAmerica's statistically developed internal laboratory QC limits, for Bromoform and/or trans-1,4-Dichloro-2-butene. This analyte was not a requested spiking compound; therefore the recovery is being reported for advisory purposes only. All other quality control indicators, including the continuing calibration verification, were within method prescribed limits for this analyte.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: WG-007830-092713-BP-007 (480-46777-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: WG-007830-092713-BP-001 (480-46777-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample recovery was below TestAmerica's statistically developed internal laboratory QC limits, for Bromoform. This analyte was not a requested spiking compound; therefore the recovery is being reported for advisory purposes only. All other quality control indicators, including the continuing calibration verification, were within method prescribed limits for this analyte.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: One compound was outside control limits in the continuing calibration verification (CCV) associated with batch 141836. This compound is not classified as a Calibration Check Compound (CCC) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data have been reported.

Method(s) 8270C: The continuing calibration verification (CCV) for multiple analytes associated with batch 141836 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 141689 recovered outside control limits for the following analyte: N-Nitrosodiphenylamine. N-Nitrosodiphenylamine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 141689 recovered outside control limits for multiple analytes. The recoveries were within quality control acceptance limits, therefore the data has been qualified and reported.

Method(s) 8270C: The continuing calibration verification (CCV) for multiple analytes associated with batch 141954 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Job ID: 480-46777-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-001 — Lab Sample ID: 480-46777-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	16000	E	200	26	ug/L	20		8260B	Total/NA
2-Hexanone	32	J	200	25	ug/L	20		8260B	Total/NA
Acetone	19000	E	200	60	ug/L	20		8260B	Total/NA
Methylene Chloride	9.2	J	100	8.8	ug/L	20		8260B	Total/NA
2-Butanone (MEK) - DL	17000		800	110	ug/L	80		8260B	Total/NA
Acetone - DL	21000		800	240	ug/L	80		8260B	Total/NA
Methylene Chloride - DL	52	J	400	35	ug/L	80		8260B	Total/NA

Client Sample ID: WG-007830-092713-BP-002 — Lab Sample ID: 480-46777-2

No Detections.

Client Sample ID: WG-007830-092713-BP-003 — Lab Sample ID: 480-46777-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	11		10	0.72	ug/L	1		8260B	Total/NA

Client Sample ID: WG-007830-092713-BP-004 — Lab Sample ID: 480-46777-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	64		10	0.72	ug/L	1		8260B	Total/NA

Client Sample ID: WG-007830-092713-BP-005 — Lab Sample ID: 480-46777-5

No Detections.

Client Sample ID: WG-007830-092713-BP-006 — Lab Sample ID: 480-46777-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	1.1	J	10	0.72	ug/L	1		8260B	Total/NA

Client Sample ID: WG-007830-092713-BP-007 — Lab Sample ID: 480-46777-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.7	J	5.0	0.75	ug/L	1		8260B	Total/NA
Ethyl ether	110	E	10	0.72	ug/L	1		8260B	Total/NA
Toluene	0.73	J	5.0	0.51	ug/L	1		8260B	Total/NA
Chlorobenzene - DL	1.8	J	10	1.5	ug/L	2		8260B	Total/NA
Ethyl ether - DL	120		20	1.4	ug/L	2		8260B	Total/NA

Client Sample ID: TRIP BLANKS — Lab Sample ID: 480-46777-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-001
Date Collected: 09/27/13 10:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	16	ug/L			10/02/13 13:52	20
1,1,2,2-Tetrachloroethane	ND		100	4.2	ug/L			10/02/13 13:52	20
1,1,2-Trichloroethane	ND		100	4.6	ug/L			10/02/13 13:52	20
1,1-Dichloroethane	ND		100	7.6	ug/L			10/02/13 13:52	20
1,1-Dichloroethene	ND		100	5.8	ug/L			10/02/13 13:52	20
1,2-Dichloroethane	ND		100	4.2	ug/L			10/02/13 13:52	20
1,2-Dichloropropane	ND		100	14	ug/L			10/02/13 13:52	20
2-Butanone (MEK)	**16000**	**E**	200	26	ug/L			10/02/13 13:52	20
2-Hexanone	**32**	**J**	200	25	ug/L			10/02/13 13:52	20
2-Methylthiophene	ND		200	8.8	ug/L			10/02/13 13:52	20
3-Methylthiophene	ND		200	11	ug/L			10/02/13 13:52	20
4-Methyl-2-pentanone (MIBK)	ND		200	42	ug/L			10/02/13 13:52	20
Acetone	**19000**	**E**	200	60	ug/L			10/02/13 13:52	20
Benzene	ND		20	8.2	ug/L			10/02/13 13:52	20
Bromodichloromethane	ND		100	7.8	ug/L			10/02/13 13:52	20
Bromoform	ND	*	100	5.2	ug/L			10/02/13 13:52	20
Bromomethane	ND		200	14	ug/L			10/02/13 13:52	20
Carbon disulfide	ND		100	3.8	ug/L			10/02/13 13:52	20
Carbon tetrachloride	ND		100	5.4	ug/L			10/02/13 13:52	20
Chlorobenzene	ND		100	15	ug/L			10/02/13 13:52	20
Chloroethane	ND		200	6.4	ug/L			10/02/13 13:52	20
Chloroform	ND		100	6.8	ug/L			10/02/13 13:52	20
Chloromethane	ND		200	7.0	ug/L			10/02/13 13:52	20
cis-1,2-Dichloroethene	ND		100	16	ug/L			10/02/13 13:52	20
cis-1,3-Dichloropropene	ND		100	7.2	ug/L			10/02/13 13:52	20
Dibromochloromethane	ND		100	6.4	ug/L			10/02/13 13:52	20
Ethyl ether	ND		200	14	ug/L			10/02/13 13:52	20
Ethylbenzene	ND		100	15	ug/L			10/02/13 13:52	20
m&p-Xylene	ND		100	13	ug/L			10/02/13 13:52	20
Methylene Chloride	**9.2**	**J**	100	8.8	ug/L			10/02/13 13:52	20
o-Xylene	ND		100	15	ug/L			10/02/13 13:52	20
Styrene	ND		100	15	ug/L			10/02/13 13:52	20
Tetrachloroethene	ND		100	7.2	ug/L			10/02/13 13:52	20
Toluene	ND		100	10	ug/L			10/02/13 13:52	20
trans-1,2-Dichloroethene	ND		100	18	ug/L			10/02/13 13:52	20
trans-1,3-Dichloropropene	ND		100	7.4	ug/L			10/02/13 13:52	20
Trichloroethene	ND		100	9.2	ug/L			10/02/13 13:52	20
Vinyl chloride	ND		200	18	ug/L			10/02/13 13:52	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Isopropyl alcohol	*1400*		*ug/L*		*2.08*	*67-63-0*		*10/02/13 13:52*	*20*
Tetrahydrofuran	*41000*	*E*	*ug/L*		*3.55*	*109-99-9*		*10/02/13 13:52*	*20*
2-Pentanone	*74*	*T J N*	*ug/L*		*4.89*	*107-87-9*		*10/02/13 13:52*	*20*
Cyclohexanone	*680*		*ug/L*		*8.43*	*108-94-1*		*10/02/13 13:52*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*10/02/13 13:52*	*20*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/02/13 13:52*	*20*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/02/13 13:52*	*20*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-001
Date Collected: 09/27/13 10:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		400	66	ug/L			10/03/13 12:19	80
1,1,2,2-Tetrachloroethane	ND		400	17	ug/L			10/03/13 12:19	80
1,1,2-Trichloroethane	ND		400	18	ug/L			10/03/13 12:19	80
1,1-Dichloroethane	ND		400	30	ug/L			10/03/13 12:19	80
1,1-Dichloroethene	ND		400	23	ug/L			10/03/13 12:19	80
1,2-Dichloroethane	ND		400	17	ug/L			10/03/13 12:19	80
1,2-Dichloropropane	ND		400	58	ug/L			10/03/13 12:19	80
2-Butanone (MEK)	**17000**		800	110	ug/L			10/03/13 12:19	80
2-Hexanone	ND		800	99	ug/L			10/03/13 12:19	80
2-Methylthiophene	ND		800	35	ug/L			10/03/13 12:19	80
3-Methylthiophene	ND		800	42	ug/L			10/03/13 12:19	80
4-Methyl-2-pentanone (MIBK)	ND		800	170	ug/L			10/03/13 12:19	80
Acetone	**21000**		800	240	ug/L			10/03/13 12:19	80
Benzene	ND		80	33	ug/L			10/03/13 12:19	80
Bromodichloromethane	ND		400	31	ug/L			10/03/13 12:19	80
Bromoform	ND	*	400	21	ug/L			10/03/13 12:19	80
Bromomethane	ND		800	55	ug/L			10/03/13 12:19	80
Carbon disulfide	ND		400	15	ug/L			10/03/13 12:19	80
Carbon tetrachloride	ND		400	22	ug/L			10/03/13 12:19	80
Chlorobenzene	ND		400	60	ug/L			10/03/13 12:19	80
Chloroethane	ND		800	26	ug/L			10/03/13 12:19	80
Chloroform	ND		400	27	ug/L			10/03/13 12:19	80
Chloromethane	ND		800	28	ug/L			10/03/13 12:19	80
cis-1,2-Dichloroethene	ND		400	65	ug/L			10/03/13 12:19	80
cis-1,3-Dichloropropene	ND		400	29	ug/L			10/03/13 12:19	80
Dibromochloromethane	ND		400	26	ug/L			10/03/13 12:19	80
Ethyl ether	ND		800	58	ug/L			10/03/13 12:19	80
Ethylbenzene	ND		400	59	ug/L			10/03/13 12:19	80
m&p-Xylene	ND		400	53	ug/L			10/03/13 12:19	80
Methylene Chloride	**52**	**J**	400	35	ug/L			10/03/13 12:19	80
o-Xylene	ND		400	61	ug/L			10/03/13 12:19	80
Styrene	ND		400	58	ug/L			10/03/13 12:19	80
Tetrachloroethene	ND		400	29	ug/L			10/03/13 12:19	80
Toluene	ND		400	41	ug/L			10/03/13 12:19	80
trans-1,2-Dichloroethene	ND		400	72	ug/L			10/03/13 12:19	80
trans-1,3-Dichloropropene	ND		400	30	ug/L			10/03/13 12:19	80
Trichloroethene	ND		400	37	ug/L			10/03/13 12:19	80
Vinyl chloride	ND		800	72	ug/L			10/03/13 12:19	80

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/13 12:19*	*80*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*10/03/13 12:19*	*80*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/03/13 12:19*	*80*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/03/13 12:19*	*80*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L		09/28/13 08:54	10/01/13 10:56	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-001
Date Collected: 09/27/13 10:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
1,3-Dichlorobenzene	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 10:56	1
1,4-Dichlorobenzene	ND		10	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,2'-Oxybis(1-chloropropane)	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,4,5-Trichlorophenol	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,4,6-Trichlorophenol	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,4-Dichlorophenol	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,4-Dimethylphenol	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,4-Dinitrophenol	ND	*	10	9.2	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,4-Dinitrotoluene	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 10:56	1
2,6-Dinitrotoluene	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
2-Chloronaphthalene	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
2-Chlorophenol	ND		5.2	2.2	ug/L		09/28/13 08:54	10/01/13 10:56	1
2-Methylnaphthalene	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 10:56	1
2-Methylphenol	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
2-Nitroaniline	ND		10	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
2-Nitrophenol	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 10:56	1
3,3'-Dichlorobenzidine	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
3-Nitroaniline	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 10:56	1
4,6-Dinitro-2-methylphenol	ND	*	10	9.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Bromophenyl phenyl ether	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Chloro-3-methylphenol	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Chloroaniline	ND		5.2	2.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Chlorophenyl phenyl ether	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Methylphenol	ND		10	1.5	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Nitroaniline	ND		10	1.0	ug/L		09/28/13 08:54	10/01/13 10:56	1
4-Nitrophenol	ND		10	6.3	ug/L		09/28/13 08:54	10/01/13 10:56	1
Acenaphthene	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
Acenaphthylene	ND		5.2	1.6	ug/L		09/28/13 08:54	10/01/13 10:56	1
Anthracene	ND		5.2	1.2	ug/L		09/28/13 08:54	10/01/13 10:56	1
Benzaldehyde	ND	*	5.2	1.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
Benzo(a)anthracene	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 10:56	1
Benzo(a)pyrene	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
Benzo(b)fluoranthene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Benzo(g,h,i)perylene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Benzo(k)fluoranthene	ND		5.2	3.0	ug/L		09/28/13 08:54	10/01/13 10:56	1
Bis(2-chloroethoxy)methane	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Bis(2-chloroethyl)ether	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
Bis(2-ethylhexyl) phthalate	ND	*	5.2	7.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Butyl benzyl phthalate	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
Carbazole	ND		5.2	1.2	ug/L		09/28/13 08:54	10/01/13 10:56	1
Chrysene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Dibenz(a,h)anthracene	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1
Dibenzofuran	ND		10	2.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
Diethyl phthalate	ND		5.2	0.91	ug/L		09/28/13 08:54	10/01/13 10:56	1
Dimethyl phthalate	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 10:56	1
Di-n-butyl phthalate	ND		5.2	1.3	ug/L		09/28/13 08:54	10/01/13 10:56	1
Di-n-octyl phthalate	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
Fluoranthene	ND	*	5.2	1.7	ug/L		09/28/13 08:54	10/01/13 10:56	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-001
Date Collected: 09/27/13 10:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 10:56	1
Hexachlorobenzene	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
Hexachlorobutadiene	ND		5.2	2.8	ug/L		09/28/13 08:54	10/01/13 10:56	1
Hexachlorocyclopentadiene	ND		5.2	2.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Hexachloroethane	ND		5.2	2.4	ug/L		09/28/13 08:54	10/01/13 10:56	1
Indeno(1,2,3-cd)pyrene	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 10:56	1
Isophorone	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 10:56	1
Naphthalene	ND		5.2	3.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
Nitrobenzene	ND		5.2	1.2	ug/L		09/28/13 08:54	10/01/13 10:56	1
N-Nitrosodi-n-propylamine	ND		5.2	2.2	ug/L		09/28/13 08:54	10/01/13 10:56	1
N-Nitrosodiphenylamine	ND	*	5.2	2.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
Pentachlorophenol	ND		10	9.1	ug/L		09/28/13 08:54	10/01/13 10:56	1
Phenanthrene	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 10:56	1
Phenol	ND		5.2	1.6	ug/L		09/28/13 08:54	10/01/13 10:56	1
Pyrene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 10:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.3*	*T J*	*ug/L*		*3.24*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*120*	*T J*	*ug/L*		*3.36*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*830*	*T J*	*ug/L*		*3.53*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*180*	*T J*	*ug/L*		*3.61*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Cyclohexanol	*4000*	*T J N*	*ug/L*		*5.53*	*108-93-0*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Butyrolactone	*8.1*	*T J N*	*ug/L*		*5.60*	*96-48-0*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Benzyl alcohol	*10*	*J*	*ug/L*		*6.39*	*100-51-6*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Benzene, (ethoxymethyl)-	*11*	*T J N*	*ug/L*		*6.51*	*539-30-0*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Talbutal	*11*	*T J N*	*ug/L*		*9.74*	*115-44-6*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*15*	*T J*	*ug/L*		*10.31*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Mephobarbital	*160*	*T J N*	*ug/L*		*10.45*	*115-38-8*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Phenobarbital	*25*	*T J N*	*ug/L*		*10.71*	*50-06-6*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Mepivacaine	*26*	*T J N*	*ug/L*		*11.05*	*96-88-8*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Octadecanoic acid	*7.8*	*T J N*	*ug/L*		*11.11*	*57-11-4*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*17*	*T J*	*ug/L*		*11.60*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*68*	*T J*	*ug/L*		*12.02*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*26*	*T J*	*ug/L*		*12.68*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*18*	*T J*	*ug/L*		*13.15*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*9.4*	*T J*	*ug/L*		*13.63*		*09/28/13 08:54*	*10/01/13 10:56*	*1*
Unknown	*60*	*T J*	*ug/L*		*15.43*		*09/28/13 08:54*	*10/01/13 10:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*112*		*52 - 132*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
2-Fluorobiphenyl	*66*		*48 - 120*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
2-Fluorophenol	*51*		*20 - 120*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Nitrobenzene-d5	*84*		*46 - 120*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
Phenol-d5	*43*		*16 - 120*	*09/28/13 08:54*	*10/01/13 10:56*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*09/28/13 08:54*	*10/01/13 10:56*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-002
Date Collected: 09/27/13 11:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/03/13 00:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/03/13 00:39	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/03/13 00:39	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/03/13 00:39	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/03/13 00:39	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/03/13 00:39	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/03/13 00:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/13 00:39	1
2-Hexanone	ND		10	1.2	ug/L			10/03/13 00:39	1
2-Methylthiophene	ND		10	0.44	ug/L			10/03/13 00:39	1
3-Methylthiophene	ND		10	0.53	ug/L			10/03/13 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/03/13 00:39	1
Acetone	ND		10	3.0	ug/L			10/03/13 00:39	1
Benzene	ND		1.0	0.41	ug/L			10/03/13 00:39	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/03/13 00:39	1
Bromoform	ND		5.0	0.26	ug/L			10/03/13 00:39	1
Bromomethane	ND		10	0.69	ug/L			10/03/13 00:39	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/03/13 00:39	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/03/13 00:39	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/03/13 00:39	1
Chloroethane	ND		10	0.32	ug/L			10/03/13 00:39	1
Chloroform	ND		5.0	0.34	ug/L			10/03/13 00:39	1
Chloromethane	ND		10	0.35	ug/L			10/03/13 00:39	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/03/13 00:39	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/03/13 00:39	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/03/13 00:39	1
Ethyl ether	ND		10	0.72	ug/L			10/03/13 00:39	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/03/13 00:39	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/03/13 00:39	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/03/13 00:39	1
o-Xylene	ND		5.0	0.76	ug/L			10/03/13 00:39	1
Styrene	ND		5.0	0.73	ug/L			10/03/13 00:39	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/03/13 00:39	1
Toluene	ND		5.0	0.51	ug/L			10/03/13 00:39	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/03/13 00:39	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/03/13 00:39	1
Trichloroethene	ND		5.0	0.46	ug/L			10/03/13 00:39	1
Vinyl chloride	ND		10	0.90	ug/L			10/03/13 00:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/13 00:39*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*10/03/13 00:39*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*10/03/13 00:39*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/03/13 00:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L		09/28/13 08:54	10/01/13 11:24	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-002
Date Collected: 09/27/13 11:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
1,3-Dichlorobenzene	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
1,4-Dichlorobenzene	ND		10	1.9	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,2'-Oxybis(1-chloropropane)	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,4,5-Trichlorophenol	ND		5.1	2.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,4,6-Trichlorophenol	ND		5.1	2.5	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,4-Dichlorophenol	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,4-Dimethylphenol	ND		5.1	2.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,4-Dinitrophenol	ND	*	10	9.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,4-Dinitrotoluene	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 11:24	1
2,6-Dinitrotoluene	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
2-Chloronaphthalene	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 11:24	1
2-Chlorophenol	ND		5.1	2.2	ug/L		09/28/13 08:54	10/01/13 11:24	1
2-Methylnaphthalene	ND		5.1	2.5	ug/L		09/28/13 08:54	10/01/13 11:24	1
2-Methylphenol	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
2-Nitroaniline	ND		10	1.7	ug/L		09/28/13 08:54	10/01/13 11:24	1
2-Nitrophenol	ND		5.1	2.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
3,3'-Dichlorobenzidine	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
3-Nitroaniline	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
4,6-Dinitro-2-methylphenol	ND	*	10	9.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Bromophenyl phenyl ether	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Chloro-3-methylphenol	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Chloroaniline	ND		5.1	2.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Chlorophenyl phenyl ether	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Methylphenol	ND		10	1.5	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Nitroaniline	ND		10	1.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
4-Nitrophenol	ND		10	6.2	ug/L		09/28/13 08:54	10/01/13 11:24	1
Acenaphthene	ND		5.1	1.7	ug/L		09/28/13 08:54	10/01/13 11:24	1
Acenaphthylene	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
Anthracene	ND		5.1	1.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
Benzaldehyde	ND	*	5.1	1.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
Benzo(a)anthracene	ND		5.1	1.5	ug/L		09/28/13 08:54	10/01/13 11:24	1
Benzo(a)pyrene	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 11:24	1
Benzo(b)fluoranthene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Benzo(g,h,i)perylene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Benzo(k)fluoranthene	ND		5.1	3.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
Bis(2-chloroethoxy)methane	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Bis(2-chloroethyl)ether	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
Bis(2-ethylhexyl) phthalate	ND	*	5.1	7.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Butyl benzyl phthalate	ND		5.1	1.7	ug/L		09/28/13 08:54	10/01/13 11:24	1
Carbazole	ND		5.1	1.2	ug/L		09/28/13 08:54	10/01/13 11:24	1
Chrysene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Dibenz(a,h)anthracene	ND		5.1	1.7	ug/L		09/28/13 08:54	10/01/13 11:24	1
Dibenzofuran	ND		10	2.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
Diethyl phthalate	ND		5.1	0.90	ug/L		09/28/13 08:54	10/01/13 11:24	1
Dimethyl phthalate	ND		5.1	1.5	ug/L		09/28/13 08:54	10/01/13 11:24	1
Di-n-butyl phthalate	ND		5.1	1.3	ug/L		09/28/13 08:54	10/01/13 11:24	1
Di-n-octyl phthalate	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 11:24	1
Fluoranthene	ND	*	5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-002
Date Collected: 09/27/13 11:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.1	1.5	ug/L		09/28/13 08:54	10/01/13 11:24	1
Hexachlorobenzene	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
Hexachlorobutadiene	ND		5.1	2.8	ug/L		09/28/13 08:54	10/01/13 11:24	1
Hexachlorocyclopentadiene	ND		5.1	2.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Hexachloroethane	ND		5.1	2.4	ug/L		09/28/13 08:54	10/01/13 11:24	1
Indeno(1,2,3-cd)pyrene	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 11:24	1
Isophorone	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 11:24	1
Naphthalene	ND		5.1	3.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
Nitrobenzene	ND		5.1	1.2	ug/L		09/28/13 08:54	10/01/13 11:24	1
N-Nitrosodi-n-propylamine	ND		5.1	2.2	ug/L		09/28/13 08:54	10/01/13 11:24	1
N-Nitrosodiphenylamine	ND	*	5.1	2.1	ug/L		09/28/13 08:54	10/01/13 11:24	1
Pentachlorophenol	ND		10	9.0	ug/L		09/28/13 08:54	10/01/13 11:24	1
Phenanthrene	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 11:24	1
Phenol	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 11:24	1
Pyrene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 11:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*12*	*T J*	*ug/L*		*3.21*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*13*	*T J*	*ug/L*		*3.28*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Cyclohexane	*80*	*T J N*	*ug/L*		*3.35*	*110-82-7*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*9.8*	*T J*	*ug/L*		*3.41*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*14*	*T J*	*ug/L*		*3.44*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*850*	*T J*	*ug/L*		*3.51*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*45*	*T J*	*ug/L*		*4.96*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*6.3*	*T J*	*ug/L*		*5.25*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*7.1*	*T J*	*ug/L*		*10.17*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
n-Hexadecanoic acid	*6.5*	*T J N*	*ug/L*		*10.44*	*57-10-3*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*23*	*T J*	*ug/L*		*11.07*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Octadecanoic acid	*8.7*	*T J N*	*ug/L*		*11.11*	*57-11-4*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*11*	*T J*	*ug/L*		*11.60*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*48*	*T J*	*ug/L*		*12.03*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*5.8*	*T J*	*ug/L*		*12.38*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*19*	*T J*	*ug/L*		*12.68*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*36*	*T J*	*ug/L*		*13.15*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*6.6*	*T J*	*ug/L*		*13.62*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*14*	*T J*	*ug/L*		*13.72*		*09/28/13 08:54*	*10/01/13 11:24*	*1*
Unknown	*44*	*T J*	*ug/L*		*13.98*		*09/28/13 08:54*	*10/01/13 11:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*52 - 132*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
2-Fluorobiphenyl	*71*		*48 - 120*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
2-Fluorophenol	*42*		*20 - 120*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
Phenol-d5	*29*		*16 - 120*	*09/28/13 08:54*	*10/01/13 11:24*	*1*
p-Terphenyl-d14	*81*		*67 - 150*	*09/28/13 08:54*	*10/01/13 11:24*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-003
Date Collected: 09/27/13 11:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/03/13 01:03	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/03/13 01:03	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/03/13 01:03	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/03/13 01:03	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/03/13 01:03	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/03/13 01:03	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/03/13 01:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/13 01:03	1
2-Hexanone	ND		10	1.2	ug/L			10/03/13 01:03	1
2-Methylthiophene	ND		10	0.44	ug/L			10/03/13 01:03	1
3-Methylthiophene	ND		10	0.53	ug/L			10/03/13 01:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/03/13 01:03	1
Acetone	ND		10	3.0	ug/L			10/03/13 01:03	1
Benzene	ND		1.0	0.41	ug/L			10/03/13 01:03	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/03/13 01:03	1
Bromoform	ND		5.0	0.26	ug/L			10/03/13 01:03	1
Bromomethane	ND		10	0.69	ug/L			10/03/13 01:03	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/03/13 01:03	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/03/13 01:03	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/03/13 01:03	1
Chloroethane	ND		10	0.32	ug/L			10/03/13 01:03	1
Chloroform	ND		5.0	0.34	ug/L			10/03/13 01:03	1
Chloromethane	ND		10	0.35	ug/L			10/03/13 01:03	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/03/13 01:03	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/03/13 01:03	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/03/13 01:03	1
Ethyl ether	**11**		10	0.72	ug/L			10/03/13 01:03	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/03/13 01:03	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/03/13 01:03	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/03/13 01:03	1
o-Xylene	ND		5.0	0.76	ug/L			10/03/13 01:03	1
Styrene	ND		5.0	0.73	ug/L			10/03/13 01:03	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/03/13 01:03	1
Toluene	ND		5.0	0.51	ug/L			10/03/13 01:03	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/03/13 01:03	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/03/13 01:03	1
Trichloroethene	ND		5.0	0.46	ug/L			10/03/13 01:03	1
Vinyl chloride	ND		10	0.90	ug/L			10/03/13 01:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, dimethyl(1,1,2-trimethylpropyl)	*4.7*	*T J N*	*ug/L*		*3.42*	*55644-10-5*		*10/03/13 01:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*10/03/13 01:03*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*10/03/13 01:03*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*10/03/13 01:03*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-003
Date Collected: 09/27/13 11:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
1,2-Dichlorobenzene	ND		10	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
1,3-Dichlorobenzene	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
1,4-Dichlorobenzene	ND		10	1.9	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,2'-Oxybis(1-chloropropane)	ND		5.2	2.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,4,5-Trichlorophenol	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,4,6-Trichlorophenol	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,4-Dichlorophenol	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,4-Dimethylphenol	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,4-Dinitrophenol	ND	*	10	9.3	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,4-Dinitrotoluene	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 11:51	1
2,6-Dinitrotoluene	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
2-Chloronaphthalene	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 11:51	1
2-Chlorophenol	ND		5.2	2.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
2-Methylnaphthalene	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
2-Methylphenol	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
2-Nitroaniline	ND		10	1.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
2-Nitrophenol	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
3,3'-Dichlorobenzidine	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
3-Nitroaniline	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
4,6-Dinitro-2-methylphenol	ND	*	10	9.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Bromophenyl phenyl ether	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Chloro-3-methylphenol	ND		5.2	1.9	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Chloroaniline	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Chlorophenyl phenyl ether	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Methylphenol	ND		10	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Nitroaniline	ND		10	1.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
4-Nitrophenol	ND		10	6.3	ug/L		09/28/13 08:54	10/01/13 11:51	1
Acenaphthene	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
Acenaphthylene	ND		5.2	1.6	ug/L		09/28/13 08:54	10/01/13 11:51	1
Anthracene	ND		5.2	1.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
Benzaldehyde	ND	*	5.2	1.1	ug/L		09/28/13 08:54	10/01/13 11:51	1
Benzo(a)anthracene	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Benzo(a)pyrene	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
Benzo(b)fluoranthene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 11:51	1
Benzo(g,h,i)perylene	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Benzo(k)fluoranthene	ND		5.2	3.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
Bis(2-chloroethoxy)methane	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Bis(2-chloroethyl)ether	ND		5.2	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
Bis(2-ethylhexyl) phthalate	ND	*	5.2	7.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Butyl benzyl phthalate	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
Carbazole	ND		5.2	1.3	ug/L		09/28/13 08:54	10/01/13 11:51	1
Chrysene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 11:51	1
Dibenz(a,h)anthracene	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
Dibenzofuran	ND		10	2.1	ug/L		09/28/13 08:54	10/01/13 11:51	1
Diethyl phthalate	ND		5.2	0.92	ug/L		09/28/13 08:54	10/01/13 11:51	1
Dimethyl phthalate	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Di-n-butyl phthalate	ND		5.2	1.3	ug/L		09/28/13 08:54	10/01/13 11:51	1
Di-n-octyl phthalate	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-003
Date Collected: 09/27/13 11:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND	*	5.2	1.7	ug/L		09/28/13 08:54	10/01/13 11:51	1
Fluorene	ND		5.2	1.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Hexachlorobenzene	ND		5.2	2.1	ug/L		09/28/13 08:54	10/01/13 11:51	1
Hexachlorobutadiene	ND		5.2	2.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
Hexachlorocyclopentadiene	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Hexachloroethane	ND		5.2	2.5	ug/L		09/28/13 08:54	10/01/13 11:51	1
Indeno(1,2,3-cd)pyrene	ND		5.2	2.0	ug/L		09/28/13 08:54	10/01/13 11:51	1
Isophorone	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
Naphthalene	ND		5.2	3.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
Nitrobenzene	ND		5.2	1.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
N-Nitrosodi-n-propylamine	ND		5.2	2.3	ug/L		09/28/13 08:54	10/01/13 11:51	1
N-Nitrosodiphenylamine	ND	*	5.2	2.1	ug/L		09/28/13 08:54	10/01/13 11:51	1
Pentachlorophenol	ND		10	9.2	ug/L		09/28/13 08:54	10/01/13 11:51	1
Phenanthrene	ND		5.2	1.8	ug/L		09/28/13 08:54	10/01/13 11:51	1
Phenol	ND		5.2	1.6	ug/L		09/28/13 08:54	10/01/13 11:51	1
Pyrene	ND		5.2	1.4	ug/L		09/28/13 08:54	10/01/13 11:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16*	*T J*	*ug/L*		*3.22*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*12*	*T J*	*ug/L*		*3.28*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Cyclohexane	*89*	*T J N*	*ug/L*		*3.35*	*110-82-7*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*13*	*T J*	*ug/L*		*3.42*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*990*	*T J*	*ug/L*		*3.52*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*34*	*T J*	*ug/L*		*4.96*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Tetradecanoic acid	*99*	*T J N*	*ug/L*		*9.74*	*544-63-8*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
n-Hexadecanoic acid	*1800*	*T J N*	*ug/L*		*10.54*	*57-10-3*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*27*	*T J*	*ug/L*		*10.56*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Oleic Acid	*820*	*T J N*	*ug/L*		*11.12*	*112-80-1*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
Octadecanoic acid	*300*	*T J N*	*ug/L*		*11.16*	*57-11-4*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*21*	*T J*	*ug/L*		*11.61*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*26*	*T J*	*ug/L*		*11.79*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*100*	*T J*	*ug/L*		*11.91*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*49*	*T J*	*ug/L*		*12.04*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*22*	*T J*	*ug/L*		*12.69*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*11*	*T J*	*ug/L*		*13.17*		*09/28/13 08:54*	*10/01/13 11:51*	*1*
Unknown	*12*	*T J*	*ug/L*		*15.05*		*09/28/13 08:54*	*10/01/13 11:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*105*		*52 - 132*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
2-Fluorophenol	*59*		*20 - 120*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
Nitrobenzene-d5	*90*		*46 - 120*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
Phenol-d5	*42*		*16 - 120*	*09/28/13 08:54*	*10/01/13 11:51*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*09/28/13 08:54*	*10/01/13 11:51*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-004
Date Collected: 09/27/13 12:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/02/13 15:03	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/02/13 15:03	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/02/13 15:03	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/02/13 15:03	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/02/13 15:03	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/02/13 15:03	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/02/13 15:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/13 15:03	1
2-Hexanone	ND		10	1.2	ug/L			10/02/13 15:03	1
2-Methylthiophene	ND		10	0.44	ug/L			10/02/13 15:03	1
3-Methylthiophene	ND		10	0.53	ug/L			10/02/13 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/02/13 15:03	1
Acetone	ND		10	3.0	ug/L			10/02/13 15:03	1
Benzene	ND		1.0	0.41	ug/L			10/02/13 15:03	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/02/13 15:03	1
Bromoform	ND	*	5.0	0.26	ug/L			10/02/13 15:03	1
Bromomethane	ND		10	0.69	ug/L			10/02/13 15:03	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/02/13 15:03	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/02/13 15:03	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/02/13 15:03	1
Chloroethane	ND		10	0.32	ug/L			10/02/13 15:03	1
Chloroform	ND		5.0	0.34	ug/L			10/02/13 15:03	1
Chloromethane	ND		10	0.35	ug/L			10/02/13 15:03	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/02/13 15:03	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/02/13 15:03	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/02/13 15:03	1
Ethyl ether	**64**		10	0.72	ug/L			10/02/13 15:03	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/02/13 15:03	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/02/13 15:03	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/02/13 15:03	1
o-Xylene	ND		5.0	0.76	ug/L			10/02/13 15:03	1
Styrene	ND		5.0	0.73	ug/L			10/02/13 15:03	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/02/13 15:03	1
Toluene	ND		5.0	0.51	ug/L			10/02/13 15:03	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/02/13 15:03	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/02/13 15:03	1
Trichloroethene	ND		5.0	0.46	ug/L			10/02/13 15:03	1
Vinyl chloride	ND		10	0.90	ug/L			10/02/13 15:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/13 15:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*10/02/13 15:03*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*10/02/13 15:03*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/02/13 15:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L		09/28/13 08:54	10/01/13 12:19	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-004
Date Collected: 09/27/13 12:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		10	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
1,3-Dichlorobenzene	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
1,4-Dichlorobenzene	ND		10	1.9	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,2'-Oxybis(1-chloropropane)	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,4,5-Trichlorophenol	ND		5.1	2.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,4,6-Trichlorophenol	ND		5.1	2.5	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,4-Dichlorophenol	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,4-Dimethylphenol	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,4-Dinitrophenol	ND	*	10	9.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,4-Dinitrotoluene	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 12:19	1
2,6-Dinitrotoluene	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
2-Chloronaphthalene	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 12:19	1
2-Chlorophenol	ND		5.1	2.2	ug/L		09/28/13 08:54	10/01/13 12:19	1
2-Methylnaphthalene	ND		5.1	2.5	ug/L		09/28/13 08:54	10/01/13 12:19	1
2-Methylphenol	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
2-Nitroaniline	ND		10	1.7	ug/L		09/28/13 08:54	10/01/13 12:19	1
2-Nitrophenol	ND		5.1	2.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
3,3'-Dichlorobenzidine	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
3-Nitroaniline	ND		10	2.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
4,6-Dinitro-2-methylphenol	ND	*	10	9.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Bromophenyl phenyl ether	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Chloro-3-methylphenol	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Chloroaniline	ND		5.1	2.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Chlorophenyl phenyl ether	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Methylphenol	ND		10	1.5	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Nitroaniline	ND		10	1.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
4-Nitrophenol	ND		10	6.2	ug/L		09/28/13 08:54	10/01/13 12:19	1
Acenaphthene	ND		5.1	1.7	ug/L		09/28/13 08:54	10/01/13 12:19	1
Acenaphthylene	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
Anthracene	ND		5.1	1.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
Benzaldehyde	ND	*	5.1	1.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
Benzo(a)anthracene	ND		5.1	1.5	ug/L		09/28/13 08:54	10/01/13 12:19	1
Benzo(a)pyrene	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 12:19	1
Benzo(b)fluoranthene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Benzo(g,h,i)perylene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Benzo(k)fluoranthene	ND		5.1	3.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
Bis(2-chloroethoxy)methane	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Bis(2-chloroethyl)ether	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
Bis(2-ethylhexyl) phthalate	ND	*	5.1	7.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Butyl benzyl phthalate	ND		5.1	1.7	ug/L		09/28/13 08:54	10/01/13 12:19	1
Carbazole	ND		5.1	1.2	ug/L		09/28/13 08:54	10/01/13 12:19	1
Chrysene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Dibenz(a,h)anthracene	ND		5.1	1.7	ug/L		09/28/13 08:54	10/01/13 12:19	1
Dibenzofuran	ND		10	2.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
Diethyl phthalate	ND		5.1	0.90	ug/L		09/28/13 08:54	10/01/13 12:19	1
Dimethyl phthalate	ND		5.1	1.5	ug/L		09/28/13 08:54	10/01/13 12:19	1
Di-n-butyl phthalate	ND		5.1	1.3	ug/L		09/28/13 08:54	10/01/13 12:19	1
Di-n-octyl phthalate	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 12:19	1
Fluoranthene	ND	*	5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1

Client Sample ID: WG-007830-092713-BP-004
Date Collected: 09/27/13 12:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.1	1.5	ug/L		09/28/13 08:54	10/01/13 12:19	1
Hexachlorobenzene	ND		5.1	2.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
Hexachlorobutadiene	ND		5.1	2.8	ug/L		09/28/13 08:54	10/01/13 12:19	1
Hexachlorocyclopentadiene	ND		5.1	2.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Hexachloroethane	ND		5.1	2.4	ug/L		09/28/13 08:54	10/01/13 12:19	1
Indeno(1,2,3-cd)pyrene	ND		5.1	1.9	ug/L		09/28/13 08:54	10/01/13 12:19	1
Isophorone	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 12:19	1
Naphthalene	ND		5.1	3.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
Nitrobenzene	ND		5.1	1.2	ug/L		09/28/13 08:54	10/01/13 12:19	1
N-Nitrosodi-n-propylamine	ND		5.1	2.2	ug/L		09/28/13 08:54	10/01/13 12:19	1
N-Nitrosodiphenylamine	ND	*	5.1	2.1	ug/L		09/28/13 08:54	10/01/13 12:19	1
Pentachlorophenol	ND		10	9.0	ug/L		09/28/13 08:54	10/01/13 12:19	1
Phenanthrene	ND		5.1	1.8	ug/L		09/28/13 08:54	10/01/13 12:19	1
Phenol	ND		5.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:19	1
Pyrene	ND		5.1	1.4	ug/L		09/28/13 08:54	10/01/13 12:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*3.22*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*19*	*T J*	*ug/L*		*3.28*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Cyclohexane	*100*	*T J N*	*ug/L*		*3.36*	*110-82-7*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*950*	*T J*	*ug/L*		*3.52*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*42*	*T J*	*ug/L*		*4.96*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Talbutal	*7.7*	*T J N*	*ug/L*		*9.73*	*115-44-6*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
n-Hexadecanoic acid	*10*	*T J N*	*ug/L*		*10.44*	*57-10-3*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Aminopyrine	*5.7*	*T J N*	*ug/L*		*10.50*	*58-15-1*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*8.1*	*T J*	*ug/L*		*10.70*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*32*	*T J*	*ug/L*		*11.07*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Octadecanoic acid	*11*	*T J N*	*ug/L*		*11.11*	*57-11-4*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*19*	*T J*	*ug/L*		*11.60*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
3H-Pyrazol-3-one, 1,2-dihydro-1,5-dimeth	*20*	*T J N*	*ug/L*		*11.98*	*519-98-2*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*7.7*	*T J*	*ug/L*		*12.38*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*29*	*T J*	*ug/L*		*12.68*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*12*	*T J*	*ug/L*		*13.13*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*8.7*	*T J*	*ug/L*		*13.63*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*53*	*T J*	*ug/L*		*13.98*		*09/28/13 08:54*	*10/01/13 12:19*	*1*
Unknown	*12*	*T J*	*ug/L*		*15.06*		*09/28/13 08:54*	*10/01/13 12:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*105*		*52 - 132*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
2-Fluorobiphenyl	*69*		*48 - 120*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
2-Fluorophenol	*57*		*20 - 120*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
Phenol-d5	*40*		*16 - 120*	*09/28/13 08:54*	*10/01/13 12:19*	*1*
p-Terphenyl-d14	*96*		*67 - 150*	*09/28/13 08:54*	*10/01/13 12:19*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-005
Date Collected: 09/27/13 12:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/02/13 15:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/02/13 15:27	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/02/13 15:27	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/02/13 15:27	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/02/13 15:27	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/02/13 15:27	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/02/13 15:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/13 15:27	1
2-Hexanone	ND		10	1.2	ug/L			10/02/13 15:27	1
2-Methylthiophene	ND		10	0.44	ug/L			10/02/13 15:27	1
3-Methylthiophene	ND		10	0.53	ug/L			10/02/13 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/02/13 15:27	1
Acetone	ND		10	3.0	ug/L			10/02/13 15:27	1
Benzene	ND		1.0	0.41	ug/L			10/02/13 15:27	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/02/13 15:27	1
Bromoform	ND	*	5.0	0.26	ug/L			10/02/13 15:27	1
Bromomethane	ND		10	0.69	ug/L			10/02/13 15:27	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/02/13 15:27	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/02/13 15:27	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/02/13 15:27	1
Chloroethane	ND		10	0.32	ug/L			10/02/13 15:27	1
Chloroform	ND		5.0	0.34	ug/L			10/02/13 15:27	1
Chloromethane	ND		10	0.35	ug/L			10/02/13 15:27	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/02/13 15:27	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/02/13 15:27	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/02/13 15:27	1
Ethyl ether	ND		10	0.72	ug/L			10/02/13 15:27	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/02/13 15:27	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/02/13 15:27	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/02/13 15:27	1
o-Xylene	ND		5.0	0.76	ug/L			10/02/13 15:27	1
Styrene	ND		5.0	0.73	ug/L			10/02/13 15:27	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/02/13 15:27	1
Toluene	ND		5.0	0.51	ug/L			10/02/13 15:27	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/02/13 15:27	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/02/13 15:27	1
Trichloroethene	ND		5.0	0.46	ug/L			10/02/13 15:27	1
Vinyl chloride	ND		10	0.90	ug/L			10/02/13 15:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/13 15:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*10/02/13 15:27*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*10/02/13 15:27*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/02/13 15:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.1	1.6	ug/L		09/28/13 08:54	10/01/13 12:46	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-005
Date Collected: 09/27/13 12:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		9.1	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
1,3-Dichlorobenzene	ND		9.1	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
1,4-Dichlorobenzene	ND		9.1	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,2'-Oxybis(1-chloropropane)	ND		4.5	1.9	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,4,5-Trichlorophenol	ND		4.5	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,4,6-Trichlorophenol	ND		4.5	2.2	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,4-Dichlorophenol	ND		4.5	1.9	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,4-Dimethylphenol	ND		4.5	1.8	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,4-Dinitrophenol	ND	*	9.1	8.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,4-Dinitrotoluene	ND		4.5	1.6	ug/L		09/28/13 08:54	10/01/13 12:46	1
2,6-Dinitrotoluene	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
2-Chloronaphthalene	ND		4.5	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
2-Chlorophenol	ND		4.5	1.9	ug/L		09/28/13 08:54	10/01/13 12:46	1
2-Methylnaphthalene	ND		4.5	2.2	ug/L		09/28/13 08:54	10/01/13 12:46	1
2-Methylphenol	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
2-Nitroaniline	ND		9.1	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
2-Nitrophenol	ND		4.5	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
3,3'-Dichlorobenzidine	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
3-Nitroaniline	ND		9.1	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
4,6-Dinitro-2-methylphenol	ND	*	9.1	8.0	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Bromophenyl phenyl ether	ND		4.5	1.6	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Chloro-3-methylphenol	ND		4.5	1.6	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Chloroaniline	ND		4.5	2.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Chlorophenyl phenyl ether	ND		4.5	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Methylphenol	ND		9.1	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Nitroaniline	ND		9.1	0.91	ug/L		09/28/13 08:54	10/01/13 12:46	1
4-Nitrophenol	ND		9.1	5.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Acenaphthene	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Acenaphthylene	ND		4.5	1.4	ug/L		09/28/13 08:54	10/01/13 12:46	1
Anthracene	ND		4.5	1.0	ug/L		09/28/13 08:54	10/01/13 12:46	1
Benzaldehyde	ND	*	4.5	0.97	ug/L		09/28/13 08:54	10/01/13 12:46	1
Benzo(a)anthracene	ND		4.5	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
Benzo(a)pyrene	ND		4.5	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
Benzo(b)fluoranthene	ND		4.5	1.2	ug/L		09/28/13 08:54	10/01/13 12:46	1
Benzo(g,h,i)perylene	ND		4.5	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
Benzo(k)fluoranthene	ND		4.5	2.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
Bis(2-chloroethoxy)methane	ND		4.5	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
Bis(2-chloroethyl)ether	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Bis(2-ethylhexyl) phthalate	ND	*	4.5	6.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Butyl benzyl phthalate	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Carbazole	ND		4.5	1.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
Chrysene	ND		4.5	1.2	ug/L		09/28/13 08:54	10/01/13 12:46	1
Dibenz(a,h)anthracene	ND		4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Dibenzofuran	ND		9.1	1.9	ug/L		09/28/13 08:54	10/01/13 12:46	1
Diethyl phthalate	ND		4.5	0.80	ug/L		09/28/13 08:54	10/01/13 12:46	1
Dimethyl phthalate	ND		4.5	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
Di-n-butyl phthalate	ND		4.5	1.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
Di-n-octyl phthalate	ND		4.5	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
Fluoranthene	ND	*	4.5	1.5	ug/L		09/28/13 08:54	10/01/13 12:46	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-005
Date Collected: 09/27/13 12:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		4.5	1.3	ug/L		09/28/13 08:54	10/01/13 12:46	1
Hexachlorobenzene	ND		4.5	1.9	ug/L		09/28/13 08:54	10/01/13 12:46	1
Hexachlorobutadiene	ND		4.5	2.5	ug/L		09/28/13 08:54	10/01/13 12:46	1
Hexachlorocyclopentadiene	ND		4.5	2.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
Hexachloroethane	ND		4.5	2.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
Indeno(1,2,3-cd)pyrene	ND		4.5	1.7	ug/L		09/28/13 08:54	10/01/13 12:46	1
Isophorone	ND		4.5	1.6	ug/L		09/28/13 08:54	10/01/13 12:46	1
Naphthalene	ND		4.5	2.8	ug/L		09/28/13 08:54	10/01/13 12:46	1
Nitrobenzene	ND		4.5	1.1	ug/L		09/28/13 08:54	10/01/13 12:46	1
N-Nitrosodi-n-propylamine	ND		4.5	2.0	ug/L		09/28/13 08:54	10/01/13 12:46	1
N-Nitrosodiphenylamine	ND	*	4.5	1.9	ug/L		09/28/13 08:54	10/01/13 12:46	1
Pentachlorophenol	ND		9.1	8.0	ug/L		09/28/13 08:54	10/01/13 12:46	1
Phenanthrene	ND		4.5	1.6	ug/L		09/28/13 08:54	10/01/13 12:46	1
Phenol	ND		4.5	1.4	ug/L		09/28/13 08:54	10/01/13 12:46	1
Pyrene	ND		4.5	1.2	ug/L		09/28/13 08:54	10/01/13 12:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*10*	*T J*	*ug/L*		*3.21*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*16*	*T J*	*ug/L*		*3.27*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Cyclohexane	*69*	*T J N*	*ug/L*		*3.35*	*110-82-7*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*4.2*	*T J*	*ug/L*		*3.41*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*750*	*T J*	*ug/L*		*3.51*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*37*	*T J*	*ug/L*		*4.96*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*6.1*	*T J*	*ug/L*		*10.17*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
n-Hexadecanoic acid	*4.5*	*T J N*	*ug/L*		*10.44*	*57-10-3*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*25*	*T J*	*ug/L*		*11.07*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Octadecanoic acid	*7.3*	*T J N*	*ug/L*		*11.11*	*57-11-4*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*14*	*T J*	*ug/L*		*11.59*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*52*	*T J*	*ug/L*		*12.01*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*6.2*	*T J*	*ug/L*		*12.39*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*22*	*T J*	*ug/L*		*12.68*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*32*	*T J*	*ug/L*		*13.15*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*6.8*	*T J*	*ug/L*		*13.63*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*7.9*	*T J*	*ug/L*		*13.72*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*46*	*T J*	*ug/L*		*13.98*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*11*	*T J*	*ug/L*		*15.05*		*09/28/13 08:54*	*10/01/13 12:46*	*1*
Unknown	*16*	*T J*	*ug/L*		*15.40*		*09/28/13 08:54*	*10/01/13 12:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*52 - 132*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
2-Fluorophenol	*49*		*20 - 120*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
Nitrobenzene-d5	*78*		*46 - 120*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
Phenol-d5	*35*		*16 - 120*	*09/28/13 08:54*	*10/01/13 12:46*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*09/28/13 08:54*	*10/01/13 12:46*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-006
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/03/13 01:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/03/13 01:27	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/03/13 01:27	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/03/13 01:27	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/03/13 01:27	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/03/13 01:27	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/03/13 01:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/13 01:27	1
2-Hexanone	ND		10	1.2	ug/L			10/03/13 01:27	1
2-Methylthiophene	ND		10	0.44	ug/L			10/03/13 01:27	1
3-Methylthiophene	ND		10	0.53	ug/L			10/03/13 01:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/03/13 01:27	1
Acetone	ND		10	3.0	ug/L			10/03/13 01:27	1
Benzene	ND		1.0	0.41	ug/L			10/03/13 01:27	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/03/13 01:27	1
Bromoform	ND		5.0	0.26	ug/L			10/03/13 01:27	1
Bromomethane	ND		10	0.69	ug/L			10/03/13 01:27	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/03/13 01:27	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/03/13 01:27	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/03/13 01:27	1
Chloroethane	ND		10	0.32	ug/L			10/03/13 01:27	1
Chloroform	ND		5.0	0.34	ug/L			10/03/13 01:27	1
Chloromethane	ND		10	0.35	ug/L			10/03/13 01:27	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/03/13 01:27	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/03/13 01:27	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/03/13 01:27	1
Ethyl ether	**1.1**	**J**	10	0.72	ug/L			10/03/13 01:27	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/03/13 01:27	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/03/13 01:27	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/03/13 01:27	1
o-Xylene	ND		5.0	0.76	ug/L			10/03/13 01:27	1
Styrene	ND		5.0	0.73	ug/L			10/03/13 01:27	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/03/13 01:27	1
Toluene	ND		5.0	0.51	ug/L			10/03/13 01:27	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/03/13 01:27	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/03/13 01:27	1
Trichloroethene	ND		5.0	0.46	ug/L			10/03/13 01:27	1
Vinyl chloride	ND		10	0.90	ug/L			10/03/13 01:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/13 01:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/03/13 01:27*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*10/03/13 01:27*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/03/13 01:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.1	1.6	ug/L		09/28/13 08:54	10/01/13 13:13	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-006
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		9.1	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
1,3-Dichlorobenzene	ND		9.1	1.8	ug/L		09/28/13 08:54	10/01/13 13:13	1
1,4-Dichlorobenzene	ND		9.1	1.7	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,2'-Oxybis(1-chloropropane)	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,4,5-Trichlorophenol	ND		4.6	1.8	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,4,6-Trichlorophenol	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,4-Dichlorophenol	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,4-Dimethylphenol	ND		4.6	1.8	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,4-Dinitrophenol	ND	*	9.1	8.1	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,4-Dinitrotoluene	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:13	1
2,6-Dinitrotoluene	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
2-Chloronaphthalene	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:13	1
2-Chlorophenol	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:13	1
2-Methylnaphthalene	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
2-Methylphenol	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
2-Nitroaniline	ND		9.1	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
2-Nitrophenol	ND		4.6	1.8	ug/L		09/28/13 08:54	10/01/13 13:13	1
3,3'-Dichlorobenzidine	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
3-Nitroaniline	ND		9.1	1.8	ug/L		09/28/13 08:54	10/01/13 13:13	1
4,6-Dinitro-2-methylphenol	ND	*	9.1	8.0	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Bromophenyl phenyl ether	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Chloro-3-methylphenol	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Chloroaniline	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Chlorophenyl phenyl ether	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Methylphenol	ND		9.1	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Nitroaniline	ND		9.1	0.91	ug/L		09/28/13 08:54	10/01/13 13:13	1
4-Nitrophenol	ND		9.1	5.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
Acenaphthene	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
Acenaphthylene	ND		4.6	1.4	ug/L		09/28/13 08:54	10/01/13 13:13	1
Anthracene	ND		4.6	1.0	ug/L		09/28/13 08:54	10/01/13 13:13	1
Benzaldehyde	ND	*	4.6	0.97	ug/L		09/28/13 08:54	10/01/13 13:13	1
Benzo(a)anthracene	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
Benzo(a)pyrene	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:13	1
Benzo(b)fluoranthene	ND		4.6	1.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
Benzo(g,h,i)perylene	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
Benzo(k)fluoranthene	ND		4.6	2.7	ug/L		09/28/13 08:54	10/01/13 13:13	1
Bis(2-chloroethoxy)methane	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
Bis(2-chloroethyl)ether	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
Bis(2-ethylhexyl) phthalate	ND	*	4.6	6.6	ug/L		09/28/13 08:54	10/01/13 13:13	1
Butyl benzyl phthalate	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
Carbazole	ND		4.6	1.1	ug/L		09/28/13 08:54	10/01/13 13:13	1
Chrysene	ND		4.6	1.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
Dibenz(a,h)anthracene	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
Dibenzofuran	ND		9.1	1.9	ug/L		09/28/13 08:54	10/01/13 13:13	1
Diethyl phthalate	ND		4.6	0.80	ug/L		09/28/13 08:54	10/01/13 13:13	1
Dimethyl phthalate	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
Di-n-butyl phthalate	ND		4.6	1.1	ug/L		09/28/13 08:54	10/01/13 13:13	1
Di-n-octyl phthalate	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:13	1
Fluoranthene	ND	*	4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:13	1

Client Sample ID: WG-007830-092713-BP-006
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:13	1
Hexachlorobenzene	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:13	1
Hexachlorobutadiene	ND		4.6	2.5	ug/L		09/28/13 08:54	10/01/13 13:13	1
Hexachlorocyclopentadiene	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
Hexachloroethane	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:13	1
Indeno(1,2,3-cd)pyrene	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:13	1
Isophorone	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:13	1
Naphthalene	ND		4.6	2.8	ug/L		09/28/13 08:54	10/01/13 13:13	1
Nitrobenzene	ND		4.6	1.1	ug/L		09/28/13 08:54	10/01/13 13:13	1
N-Nitrosodi-n-propylamine	ND		4.6	2.0	ug/L		09/28/13 08:54	10/01/13 13:13	1
N-Nitrosodiphenylamine	ND	*	4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:13	1
Pentachlorophenol	ND		9.1	8.0	ug/L		09/28/13 08:54	10/01/13 13:13	1
Phenanthrene	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:13	1
Phenol	ND		4.6	1.4	ug/L		09/28/13 08:54	10/01/13 13:13	1
Pyrene	ND		4.6	1.2	ug/L		09/28/13 08:54	10/01/13 13:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*11*	*T J*	*ug/L*		*3.21*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*13*	*T J*	*ug/L*		*3.28*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Cyclohexane	*63*	*T J N*	*ug/L*		*3.35*	*110-82-7*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*8.0*	*T J*	*ug/L*		*3.41*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*840*	*T J*	*ug/L*		*3.52*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*5.2*	*T J*	*ug/L*		*4.95*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
n-Hexadecanoic acid	*7.2*	*T J N*	*ug/L*		*10.44*	*57-10-3*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*3.0*	*T J*	*ug/L*		*10.69*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*18*	*T J*	*ug/L*		*11.08*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Octadecanoic acid	*7.5*	*T J N*	*ug/L*		*11.11*	*57-11-4*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*11*	*T J*	*ug/L*		*11.60*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*18*	*T J*	*ug/L*		*12.01*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*5.7*	*T J*	*ug/L*		*12.38*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*22*	*T J*	*ug/L*		*12.67*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*15*	*T J*	*ug/L*		*13.15*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*6.6*	*T J*	*ug/L*		*13.63*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*48*	*T J*	*ug/L*		*13.98*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*4.7*	*T J*	*ug/L*		*14.49*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*11*	*T J*	*ug/L*		*15.05*		*09/28/13 08:54*	*10/01/13 13:13*	*1*
Unknown	*26*	*T J*	*ug/L*		*15.43*		*09/28/13 08:54*	*10/01/13 13:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*105*		*52 - 132*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
2-Fluorophenol	*58*		*20 - 120*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
Phenol-d5	*40*		*16 - 120*	*09/28/13 08:54*	*10/01/13 13:13*	*1*
p-Terphenyl-d14	*98*		*67 - 150*	*09/28/13 08:54*	*10/01/13 13:13*	*1*

Client Sample ID: WG-007830-092713-BP-007
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/02/13 16:14	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/02/13 16:14	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/02/13 16:14	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/02/13 16:14	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/02/13 16:14	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/02/13 16:14	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/02/13 16:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/13 16:14	1
2-Hexanone	ND		10	1.2	ug/L			10/02/13 16:14	1
2-Methylthiophene	ND		10	0.44	ug/L			10/02/13 16:14	1
3-Methylthiophene	ND		10	0.53	ug/L			10/02/13 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/02/13 16:14	1
Acetone	ND		10	3.0	ug/L			10/02/13 16:14	1
Benzene	ND		1.0	0.41	ug/L			10/02/13 16:14	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/02/13 16:14	1
Bromoform	ND	*	5.0	0.26	ug/L			10/02/13 16:14	1
Bromomethane	ND		10	0.69	ug/L			10/02/13 16:14	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/02/13 16:14	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/02/13 16:14	1
Chlorobenzene	**1.7**	**J**	5.0	0.75	ug/L			10/02/13 16:14	1
Chloroethane	ND		10	0.32	ug/L			10/02/13 16:14	1
Chloroform	ND		5.0	0.34	ug/L			10/02/13 16:14	1
Chloromethane	ND		10	0.35	ug/L			10/02/13 16:14	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/02/13 16:14	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/02/13 16:14	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/02/13 16:14	1
Ethyl ether	**110**	**E**	10	0.72	ug/L			10/02/13 16:14	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/02/13 16:14	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/02/13 16:14	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/02/13 16:14	1
o-Xylene	ND		5.0	0.76	ug/L			10/02/13 16:14	1
Styrene	ND		5.0	0.73	ug/L			10/02/13 16:14	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/02/13 16:14	1
Toluene	**0.73**	**J**	5.0	0.51	ug/L			10/02/13 16:14	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/02/13 16:14	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/02/13 16:14	1
Trichloroethene	ND		5.0	0.46	ug/L			10/02/13 16:14	1
Vinyl chloride	ND		10	0.90	ug/L			10/02/13 16:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Chlorodifluoromethane	*10*		*ug/L*		*0.93*	*75-45-6*		*10/02/13 16:14*	*1*
Cyclohexane	*2.2*		*ug/L*		*3.73*	*110-82-7*		*10/02/13 16:14*	*1*
Benzene, (ethoxymethyl)-	*2.9*	*T J N*	*ug/L*		*10.25*	*539-30-0*		*10/02/13 16:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*10/02/13 16:14*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*10/02/13 16:14*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*10/02/13 16:14*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-007
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.6	ug/L			10/03/13 01:50	2
1,1,2,2-Tetrachloroethane	ND		10	0.42	ug/L			10/03/13 01:50	2
1,1,2-Trichloroethane	ND		10	0.46	ug/L			10/03/13 01:50	2
1,1-Dichloroethane	ND		10	0.76	ug/L			10/03/13 01:50	2
1,1-Dichloroethene	ND		10	0.58	ug/L			10/03/13 01:50	2
1,2-Dichloroethane	ND		10	0.42	ug/L			10/03/13 01:50	2
1,2-Dichloropropane	ND		10	1.4	ug/L			10/03/13 01:50	2
2-Butanone (MEK)	ND		20	2.6	ug/L			10/03/13 01:50	2
2-Hexanone	ND		20	2.5	ug/L			10/03/13 01:50	2
2-Methylthiophene	ND		20	0.88	ug/L			10/03/13 01:50	2
3-Methylthiophene	ND		20	1.1	ug/L			10/03/13 01:50	2
4-Methyl-2-pentanone (MIBK)	ND		20	4.2	ug/L			10/03/13 01:50	2
Acetone	ND		20	6.0	ug/L			10/03/13 01:50	2
Benzene	ND		2.0	0.82	ug/L			10/03/13 01:50	2
Bromodichloromethane	ND		10	0.78	ug/L			10/03/13 01:50	2
Bromoform	ND		10	0.52	ug/L			10/03/13 01:50	2
Bromomethane	ND		20	1.4	ug/L			10/03/13 01:50	2
Carbon disulfide	ND		10	0.38	ug/L			10/03/13 01:50	2
Carbon tetrachloride	ND		10	0.54	ug/L			10/03/13 01:50	2
Chlorobenzene	**1.8**	**J**	10	1.5	ug/L			10/03/13 01:50	2
Chloroethane	ND		20	0.64	ug/L			10/03/13 01:50	2
Chloroform	ND		10	0.68	ug/L			10/03/13 01:50	2
Chloromethane	ND		20	0.70	ug/L			10/03/13 01:50	2
cis-1,2-Dichloroethene	ND		10	1.6	ug/L			10/03/13 01:50	2
cis-1,3-Dichloropropene	ND		10	0.72	ug/L			10/03/13 01:50	2
Dibromochloromethane	ND		10	0.64	ug/L			10/03/13 01:50	2
Ethyl ether	**120**		20	1.4	ug/L			10/03/13 01:50	2
Ethylbenzene	ND		10	1.5	ug/L			10/03/13 01:50	2
m&p-Xylene	ND		10	1.3	ug/L			10/03/13 01:50	2
Methylene Chloride	ND		10	0.88	ug/L			10/03/13 01:50	2
o-Xylene	ND		10	1.5	ug/L			10/03/13 01:50	2
Styrene	ND		10	1.5	ug/L			10/03/13 01:50	2
Tetrachloroethene	ND		10	0.72	ug/L			10/03/13 01:50	2
Toluene	ND		10	1.0	ug/L			10/03/13 01:50	2
trans-1,2-Dichloroethene	ND		10	1.8	ug/L			10/03/13 01:50	2
trans-1,3-Dichloropropene	ND		10	0.74	ug/L			10/03/13 01:50	2
Trichloroethene	ND		10	0.92	ug/L			10/03/13 01:50	2
Vinyl chloride	ND		20	1.8	ug/L			10/03/13 01:50	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/13 01:50*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*10/03/13 01:50*	*2*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*10/03/13 01:50*	*2*
Toluene-d8 (Surr)	*97*		*71 - 126*		*10/03/13 01:50*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.2	1.6	ug/L		09/28/13 08:54	10/01/13 13:40	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-007
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		9.2	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
1,3-Dichlorobenzene	ND		9.2	1.8	ug/L		09/28/13 08:54	10/01/13 13:40	1
1,4-Dichlorobenzene	ND		9.2	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,2'-Oxybis(1-chloropropane)	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,4,5-Trichlorophenol	ND		4.6	1.8	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,4,6-Trichlorophenol	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,4-Dichlorophenol	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,4-Dimethylphenol	ND		4.6	1.8	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,4-Dinitrophenol	ND	*	9.2	8.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,4-Dinitrotoluene	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:40	1
2,6-Dinitrotoluene	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
2-Chloronaphthalene	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
2-Chlorophenol	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:40	1
2-Methylnaphthalene	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
2-Methylphenol	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
2-Nitroaniline	ND		9.2	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
2-Nitrophenol	ND		4.6	1.8	ug/L		09/28/13 08:54	10/01/13 13:40	1
3,3'-Dichlorobenzidine	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
3-Nitroaniline	ND		9.2	1.8	ug/L		09/28/13 08:54	10/01/13 13:40	1
4,6-Dinitro-2-methylphenol	ND	*	9.2	8.1	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Bromophenyl phenyl ether	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Chloro-3-methylphenol	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Chloroaniline	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Chlorophenyl phenyl ether	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Methylphenol	ND		9.2	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Nitroaniline	ND		9.2	0.92	ug/L		09/28/13 08:54	10/01/13 13:40	1
4-Nitrophenol	ND		9.2	5.6	ug/L		09/28/13 08:54	10/01/13 13:40	1
Acenaphthene	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
Acenaphthylene	ND		4.6	1.4	ug/L		09/28/13 08:54	10/01/13 13:40	1
Anthracene	ND		4.6	1.0	ug/L		09/28/13 08:54	10/01/13 13:40	1
Benzaldehyde	ND	*	4.6	0.98	ug/L		09/28/13 08:54	10/01/13 13:40	1
Benzo(a)anthracene	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
Benzo(a)pyrene	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
Benzo(b)fluoranthene	ND		4.6	1.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
Benzo(g,h,i)perylene	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
Benzo(k)fluoranthene	ND		4.6	2.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
Bis(2-chloroethoxy)methane	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
Bis(2-chloroethyl)ether	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
Bis(2-ethylhexyl) phthalate	ND	*	4.6	6.6	ug/L		09/28/13 08:54	10/01/13 13:40	1
Butyl benzyl phthalate	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
Carbazole	ND		4.6	1.1	ug/L		09/28/13 08:54	10/01/13 13:40	1
Chrysene	ND		4.6	1.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
Dibenz(a,h)anthracene	ND		4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
Dibenzofuran	ND		9.2	1.9	ug/L		09/28/13 08:54	10/01/13 13:40	1
Diethyl phthalate	ND		4.6	0.81	ug/L		09/28/13 08:54	10/01/13 13:40	1
Dimethyl phthalate	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
Di-n-butyl phthalate	ND		4.6	1.1	ug/L		09/28/13 08:54	10/01/13 13:40	1
Di-n-octyl phthalate	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
Fluoranthene	ND	*	4.6	1.5	ug/L		09/28/13 08:54	10/01/13 13:40	1

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-007
Date Collected: 09/27/13 13:30
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		4.6	1.3	ug/L		09/28/13 08:54	10/01/13 13:40	1
Hexachlorobenzene	ND		4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:40	1
Hexachlorobutadiene	ND		4.6	2.5	ug/L		09/28/13 08:54	10/01/13 13:40	1
Hexachlorocyclopentadiene	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
Hexachloroethane	ND		4.6	2.2	ug/L		09/28/13 08:54	10/01/13 13:40	1
Indeno(1,2,3-cd)pyrene	ND		4.6	1.7	ug/L		09/28/13 08:54	10/01/13 13:40	1
Isophorone	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:40	1
Naphthalene	ND		4.6	2.8	ug/L		09/28/13 08:54	10/01/13 13:40	1
Nitrobenzene	ND		4.6	1.1	ug/L		09/28/13 08:54	10/01/13 13:40	1
N-Nitrosodi-n-propylamine	ND		4.6	2.0	ug/L		09/28/13 08:54	10/01/13 13:40	1
N-Nitrosodiphenylamine	ND	*	4.6	1.9	ug/L		09/28/13 08:54	10/01/13 13:40	1
Pentachlorophenol	ND		9.2	8.1	ug/L		09/28/13 08:54	10/01/13 13:40	1
Phenanthrene	ND		4.6	1.6	ug/L		09/28/13 08:54	10/01/13 13:40	1
Phenol	ND		4.6	1.4	ug/L		09/28/13 08:54	10/01/13 13:40	1
Pyrene	ND		4.6	1.2	ug/L		09/28/13 08:54	10/01/13 13:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*15*	*T J*	*ug/L*		*3.29*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Diisopropylamine	*150*	*T J N*	*ug/L*		*3.35*	*108-18-9*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*22*	*T J*	*ug/L*		*3.45*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*900*	*T J*	*ug/L*		*3.53*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Triethyl amine	*360*	*E*	*ug/L*		*3.56*	*121-44-8*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Chloroiodomethane	*17*	*T J N*	*ug/L*		*4.00*	*593-71-5*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Benzene, (ethoxymethyl)-	*22*	*T J N*	*ug/L*		*6.50*	*539-30-0*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Acetamide, N-(2-methylphenyl)-	*53*	*T J N*	*ug/L*		*8.17*	*120-66-1*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Tetradecane	*38*	*T J N*	*ug/L*		*8.23*	*629-59-4*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Heptadecane	*37*	*T J N*	*ug/L*		*8.67*	*629-78-7*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*55*	*T J*	*ug/L*		*10.31*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Mephobarbital	*59*	*T J N*	*ug/L*		*10.44*	*115-38-8*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Phenobarbital	*32*	*T J N*	*ug/L*		*10.71*	*50-06-6*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Mepivacaine	*56*	*T J N*	*ug/L*		*11.05*	*96-88-8*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Octadecanoic acid	*17*	*T J N*	*ug/L*		*11.11*	*57-11-4*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*13*	*T J*	*ug/L*		*11.60*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*18*	*T J*	*ug/L*		*12.01*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*22*	*T J*	*ug/L*		*12.68*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*19*	*T J*	*ug/L*		*13.16*		*09/28/13 08:54*	*10/01/13 13:40*	*1*
Unknown	*49*	*T J*	*ug/L*		*13.98*		*09/28/13 08:54*	*10/01/13 13:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*52 - 132*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
2-Fluorophenol	*60*		*20 - 120*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
Phenol-d5	*42*		*16 - 120*	*09/28/13 08:54*	*10/01/13 13:40*	*1*
p-Terphenyl-d14	*97*		*67 - 150*	*09/28/13 08:54*	*10/01/13 13:40*	*1*

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: TRIP BLANKS
Date Collected: 09/27/13 00:00
Date Received: 09/28/13 01:00

Lab Sample ID: 480-46777-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/02/13 16:37	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/02/13 16:37	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/02/13 16:37	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/02/13 16:37	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/02/13 16:37	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/02/13 16:37	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/02/13 16:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/13 16:37	1
2-Hexanone	ND		10	1.2	ug/L			10/02/13 16:37	1
2-Methylthiophene	ND		10	0.44	ug/L			10/02/13 16:37	1
3-Methylthiophene	ND		10	0.53	ug/L			10/02/13 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/02/13 16:37	1
Acetone	ND		10	3.0	ug/L			10/02/13 16:37	1
Benzene	ND		1.0	0.41	ug/L			10/02/13 16:37	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/02/13 16:37	1
Bromoform	ND	*	5.0	0.26	ug/L			10/02/13 16:37	1
Bromomethane	ND		10	0.69	ug/L			10/02/13 16:37	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/02/13 16:37	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/02/13 16:37	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/02/13 16:37	1
Chloroethane	ND		10	0.32	ug/L			10/02/13 16:37	1
Chloroform	ND		5.0	0.34	ug/L			10/02/13 16:37	1
Chloromethane	ND		10	0.35	ug/L			10/02/13 16:37	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/02/13 16:37	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/02/13 16:37	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/02/13 16:37	1
Ethyl ether	ND		10	0.72	ug/L			10/02/13 16:37	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/02/13 16:37	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/02/13 16:37	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/02/13 16:37	1
o-Xylene	ND		5.0	0.76	ug/L			10/02/13 16:37	1
Styrene	ND		5.0	0.73	ug/L			10/02/13 16:37	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/02/13 16:37	1
Toluene	ND		5.0	0.51	ug/L			10/02/13 16:37	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/02/13 16:37	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/02/13 16:37	1
Trichloroethene	ND		5.0	0.46	ug/L			10/02/13 16:37	1
Vinyl chloride	ND		10	0.90	ug/L			10/02/13 16:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*4.2*	*T J N*	*ug/L*		*3.42*	*1066-40-6*		*10/02/13 16:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*10/02/13 16:37*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/02/13 16:37*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/02/13 16:37*	*1*

Surrogate Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-46777-1	WG-007830-092713-BP-001	100	95	98
480-46777-1 - DL	WG-007830-092713-BP-001	96	95	99
480-46777-2	WG-007830-092713-BP-002	93	88	92
480-46777-3	WG-007830-092713-BP-003	96	89	94
480-46777-4	WG-007830-092713-BP-004	100	91	96
480-46777-5	WG-007830-092713-BP-005	101	91	98
480-46777-6	WG-007830-092713-BP-006	99	90	95
480-46777-7	WG-007830-092713-BP-007	102	92	98
480-46777-7 - DL	WG-007830-092713-BP-007	100	92	97
480-46777-8	TRIP BLANKS	102	93	99
LCS 480-142214/6	Lab Control Sample	94	94	97
LCS 480-142385/4	Lab Control Sample	95	93	96
LCS 480-142446/5	Lab Control Sample	91	93	95
MB 480-142214/7	Method Blank	97	94	98
MB 480-142385/5	Method Blank	97	92	96
MB 480-142446/6	Method Blank	99	93	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(16-120)	(67-150)
480-46777-1	WG-007830-092713-BP-001	112	66	51	84	43	103
480-46777-2	WG-007830-092713-BP-002	78	71	42	73	29	81
480-46777-3	WG-007830-092713-BP-003	105	90	59	90	42	94
480-46777-4	WG-007830-092713-BP-004	105	69	57	88	40	96
480-46777-5	WG-007830-092713-BP-005	85	76	49	78	35	86
480-46777-6	WG-007830-092713-BP-006	105	88	58	89	40	98
480-46777-7	WG-007830-092713-BP-007	107	90	60	88	42	97
LCS 480-141689/2-A	Lab Control Sample	86	84	52	83	38	85
LCSD 480-141689/3-A	Lab Control Sample Dup	103	94	61	95	46	97
MB 480-141689/1-A	Method Blank	82	70	45	77	31	89

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = p-Terphenyl-d14

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-142214/7
Matrix: Water
Analysis Batch: 142214

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/02/13 11:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/02/13 11:11	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/02/13 11:11	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/02/13 11:11	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/02/13 11:11	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/02/13 11:11	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/02/13 11:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/13 11:11	1
2-Hexanone	ND		10	1.2	ug/L			10/02/13 11:11	1
2-Methylthiophene	ND		10	0.44	ug/L			10/02/13 11:11	1
3-Methylthiophene	ND		10	0.53	ug/L			10/02/13 11:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/02/13 11:11	1
Acetone	ND		10	3.0	ug/L			10/02/13 11:11	1
Benzene	ND		1.0	0.41	ug/L			10/02/13 11:11	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/02/13 11:11	1
Bromoform	ND		5.0	0.26	ug/L			10/02/13 11:11	1
Bromomethane	ND		10	0.69	ug/L			10/02/13 11:11	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/02/13 11:11	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/02/13 11:11	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/02/13 11:11	1
Chloroethane	ND		10	0.32	ug/L			10/02/13 11:11	1
Chloroform	ND		5.0	0.34	ug/L			10/02/13 11:11	1
Chloromethane	ND		10	0.35	ug/L			10/02/13 11:11	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/02/13 11:11	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/02/13 11:11	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/02/13 11:11	1
Ethyl ether	ND		10	0.72	ug/L			10/02/13 11:11	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/02/13 11:11	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/02/13 11:11	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/02/13 11:11	1
o-Xylene	ND		5.0	0.76	ug/L			10/02/13 11:11	1
Styrene	ND		5.0	0.73	ug/L			10/02/13 11:11	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/02/13 11:11	1
Toluene	ND		5.0	0.51	ug/L			10/02/13 11:11	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/02/13 11:11	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/02/13 11:11	1
Trichloroethene	ND		5.0	0.46	ug/L			10/02/13 11:11	1
Vinyl chloride	ND		10	0.90	ug/L			10/02/13 11:11	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*0.556*	*J*	*ug/L*		*11.77*	*91-20-3*		*10/02/13 11:11*	*1*
1,2,3-Trichlorobenzene	*0.566*	*J*	*ug/L*		*11.98*	*87-61-6*		*10/02/13 11:11*	*1*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/13 11:11*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*10/02/13 11:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/02/13 11:11*	*1*

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

Lab Sample ID: MB 480-142214/7
Matrix: Water
Analysis Batch: 142214

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		71 - 126		10/02/13 11:11	1

Lab Sample ID: LCS 480-142214/6
Matrix: Water
Analysis Batch: 142214

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.7		ug/L		95	71 - 129
1,1-Dichloroethene	25.0	23.6		ug/L		94	58 - 121
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 127
Benzene	25.0	24.3		ug/L		97	71 - 124
Chlorobenzene	25.0	25.2		ug/L		101	72 - 120
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
Ethylbenzene	25.0	24.6		ug/L		99	77 - 123
m&p-Xylene	50.0	49.6		ug/L		99	76 - 122
o-Xylene	25.0	24.2		ug/L		97	76 - 122
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	24.1		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
Trichloroethene	25.0	24.3		ug/L		97	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Lab Sample ID: MB 480-142385/5
Matrix: Water
Analysis Batch: 142385

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/02/13 22:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/02/13 22:35	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/02/13 22:35	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/02/13 22:35	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/02/13 22:35	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/02/13 22:35	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/02/13 22:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/13 22:35	1
2-Hexanone	ND		10	1.2	ug/L			10/02/13 22:35	1
2-Methylthiophene	ND		10	0.44	ug/L			10/02/13 22:35	1
3-Methylthiophene	ND		10	0.53	ug/L			10/02/13 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/02/13 22:35	1
Acetone	ND		10	3.0	ug/L			10/02/13 22:35	1
Benzene	ND		1.0	0.41	ug/L			10/02/13 22:35	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/02/13 22:35	1
Bromoform	ND		5.0	0.26	ug/L			10/02/13 22:35	1
Bromomethane	ND		10	0.69	ug/L			10/02/13 22:35	1

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

Lab Sample ID: MB 480-142385/5
Matrix: Water
Analysis Batch: 142385

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			10/02/13 22:35	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/02/13 22:35	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/02/13 22:35	1
Chloroethane	ND		10	0.32	ug/L			10/02/13 22:35	1
Chloroform	ND		5.0	0.34	ug/L			10/02/13 22:35	1
Chloromethane	ND		10	0.35	ug/L			10/02/13 22:35	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/02/13 22:35	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/02/13 22:35	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/02/13 22:35	1
Ethyl ether	ND		10	0.72	ug/L			10/02/13 22:35	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/02/13 22:35	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/02/13 22:35	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/02/13 22:35	1
o-Xylene	ND		5.0	0.76	ug/L			10/02/13 22:35	1
Styrene	ND		5.0	0.73	ug/L			10/02/13 22:35	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/02/13 22:35	1
Toluene	ND		5.0	0.51	ug/L			10/02/13 22:35	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/02/13 22:35	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/02/13 22:35	1
Trichloroethene	ND		5.0	0.46	ug/L			10/02/13 22:35	1
Vinyl chloride	ND		10	0.90	ug/L			10/02/13 22:35	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,2,3-Trichlorobenzene	*0.509*	*J*	*ug/L*		*11.98*	*87-61-6*		*10/02/13 22:35*	*1*
Tentatively Identified Compound	*None*		*ug/L*					*10/02/13 22:35*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*10/02/13 22:35*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*10/02/13 22:35*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/02/13 22:35*	*1*

Lab Sample ID: LCS 480-142385/4
Matrix: Water
Analysis Batch: 142385

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.5		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	24.1		ug/L		97	58 - 121
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 127
Benzene	25.0	25.0		ug/L		100	71 - 124
Chlorobenzene	25.0	25.4		ug/L		102	72 - 120
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
m&p-Xylene	50.0	49.9		ug/L		100	76 - 122
o-Xylene	25.0	24.9		ug/L		99	76 - 122
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122

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

Lab Sample ID: LCS 480-142385/4
Matrix: Water
Analysis Batch: 142385

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	25.2		ug/L		101	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: MB 480-142446/6
Matrix: Water
Analysis Batch: 142446

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			10/03/13 11:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			10/03/13 11:21	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			10/03/13 11:21	1
1,1-Dichloroethane	ND		5.0	0.38	ug/L			10/03/13 11:21	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			10/03/13 11:21	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			10/03/13 11:21	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			10/03/13 11:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/13 11:21	1
2-Hexanone	ND		10	1.2	ug/L			10/03/13 11:21	1
2-Methylthiophene	ND		10	0.44	ug/L			10/03/13 11:21	1
3-Methylthiophene	ND		10	0.53	ug/L			10/03/13 11:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/03/13 11:21	1
Acetone	ND		10	3.0	ug/L			10/03/13 11:21	1
Benzene	ND		1.0	0.41	ug/L			10/03/13 11:21	1
Bromodichloromethane	ND		5.0	0.39	ug/L			10/03/13 11:21	1
Bromoform	ND		5.0	0.26	ug/L			10/03/13 11:21	1
Bromomethane	ND		10	0.69	ug/L			10/03/13 11:21	1
Carbon disulfide	ND		5.0	0.19	ug/L			10/03/13 11:21	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			10/03/13 11:21	1
Chlorobenzene	ND		5.0	0.75	ug/L			10/03/13 11:21	1
Chloroethane	ND		10	0.32	ug/L			10/03/13 11:21	1
Chloroform	ND		5.0	0.34	ug/L			10/03/13 11:21	1
Chloromethane	ND		10	0.35	ug/L			10/03/13 11:21	1
cis-1,2-Dichloroethene	ND		5.0	0.81	ug/L			10/03/13 11:21	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			10/03/13 11:21	1
Dibromochloromethane	ND		5.0	0.32	ug/L			10/03/13 11:21	1
Ethyl ether	ND		10	0.72	ug/L			10/03/13 11:21	1
Ethylbenzene	ND		5.0	0.74	ug/L			10/03/13 11:21	1
m&p-Xylene	ND		5.0	0.66	ug/L			10/03/13 11:21	1
Methylene Chloride	ND		5.0	0.44	ug/L			10/03/13 11:21	1
o-Xylene	ND		5.0	0.76	ug/L			10/03/13 11:21	1
Styrene	ND		5.0	0.73	ug/L			10/03/13 11:21	1
Tetrachloroethene	ND		5.0	0.36	ug/L			10/03/13 11:21	1
Toluene	ND		5.0	0.51	ug/L			10/03/13 11:21	1
trans-1,2-Dichloroethene	ND		5.0	0.90	ug/L			10/03/13 11:21	1

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

Lab Sample ID: MB 480-142446/6
Matrix: Water
Analysis Batch: 142446

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			10/03/13 11:21	1
Trichloroethene	ND		5.0	0.46	ug/L			10/03/13 11:21	1
Vinyl chloride	ND		10	0.90	ug/L			10/03/13 11:21	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*0.539*	*J*	*ug/L*		*11.77*	*91-20-3*		*10/03/13 11:21*	*1*
1,2,3-Trichlorobenzene	*0.667*	*J*	*ug/L*		*11.99*	*87-61-6*		*10/03/13 11:21*	*1*
Tentatively Identified Compound	*None*		*ug/L*					*10/03/13 11:21*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*10/03/13 11:21*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/03/13 11:21*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*10/03/13 11:21*	*1*

Lab Sample ID: LCS 480-142446/5
Matrix: Water
Analysis Batch: 142446

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.5		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	21.6		ug/L		87	58 - 121
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
Benzene	25.0	23.4		ug/L		94	71 - 124
Chlorobenzene	25.0	23.8		ug/L		95	72 - 120
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
Ethylbenzene	25.0	23.3		ug/L		93	77 - 123
m&p-Xylene	50.0	47.1		ug/L		94	76 - 122
o-Xylene	25.0	23.5		ug/L		94	76 - 122
Tetrachloroethene	25.0	23.5		ug/L		94	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	73 - 127
Trichloroethene	25.0	22.9		ug/L		92	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*95*		*71 - 126*

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

Lab Sample ID: MB 480-141689/1-A
Matrix: Water
Analysis Batch: 141836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 141689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
1,2-Dichlorobenzene	ND		10	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1

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

Lab Sample ID: MB 480-141689/1-A
Matrix: Water
Analysis Batch: 141836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 141689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		10	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
1,4-Dichlorobenzene	ND		10	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	2.1	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,4,5-Trichlorophenol	ND		5.0	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,4,6-Trichlorophenol	ND		5.0	2.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,4-Dichlorophenol	ND		5.0	2.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,4-Dimethylphenol	ND		5.0	2.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,4-Dinitrophenol	ND		10	8.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,4-Dinitrotoluene	ND		5.0	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1
2-Chloronaphthalene	ND		5.0	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
2-Chlorophenol	ND		5.0	2.1	ug/L		09/28/13 08:54	09/30/13 13:59	1
2-Methylnaphthalene	ND		5.0	2.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
2-Methylphenol	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1
2-Nitroaniline	ND		10	1.7	ug/L		09/28/13 08:54	09/30/13 13:59	1
2-Nitrophenol	ND		5.0	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1
3-Nitroaniline	ND		10	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
4,6-Dinitro-2-methylphenol	ND		10	8.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Bromophenyl phenyl ether	ND		5.0	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Chloro-3-methylphenol	ND		5.0	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Chloroaniline	ND		5.0	2.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Chlorophenyl phenyl ether	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Methylphenol	ND		10	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Nitroaniline	ND		10	1.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
4-Nitrophenol	ND		10	6.1	ug/L		09/28/13 08:54	09/30/13 13:59	1
Acenaphthene	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1
Acenaphthylene	ND		5.0	1.5	ug/L		09/28/13 08:54	09/30/13 13:59	1
Anthracene	ND		5.0	1.1	ug/L		09/28/13 08:54	09/30/13 13:59	1
Benzaldehyde	ND		5.0	1.1	ug/L		09/28/13 08:54	09/30/13 13:59	1
Benzo(a)anthracene	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Benzo(a)pyrene	ND		5.0	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
Benzo(b)fluoranthene	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Benzo(g,h,i)perylene	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Benzo(k)fluoranthene	ND		5.0	2.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
Bis(2-chloroethoxy)methane	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Bis(2-chloroethyl)ether	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	7.2	ug/L		09/28/13 08:54	09/30/13 13:59	1
Butyl benzyl phthalate	ND		5.0	1.7	ug/L		09/28/13 08:54	09/30/13 13:59	1
Carbazole	ND		5.0	1.2	ug/L		09/28/13 08:54	09/30/13 13:59	1
Chrysene	ND		5.0	1.3	ug/L		09/28/13 08:54	09/30/13 13:59	1
Dibenz(a,h)anthracene	ND		5.0	1.7	ug/L		09/28/13 08:54	09/30/13 13:59	1
Dibenzofuran	ND		10	2.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
Diethyl phthalate	ND		5.0	0.88	ug/L		09/28/13 08:54	09/30/13 13:59	1
Dimethyl phthalate	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Di-n-butyl phthalate	ND		5.0	1.2	ug/L		09/28/13 08:54	09/30/13 13:59	1
Di-n-octyl phthalate	ND		5.0	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
Fluoranthene	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1

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

Lab Sample ID: MB 480-141689/1-A
Matrix: Water
Analysis Batch: 141836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 141689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Hexachlorobenzene	ND		5.0	2.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
Hexachlorobutadiene	ND		5.0	2.7	ug/L		09/28/13 08:54	09/30/13 13:59	1
Hexachlorocyclopentadiene	ND		5.0	2.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Hexachloroethane	ND		5.0	2.4	ug/L		09/28/13 08:54	09/30/13 13:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	1.9	ug/L		09/28/13 08:54	09/30/13 13:59	1
Isophorone	ND		5.0	1.7	ug/L		09/28/13 08:54	09/30/13 13:59	1
Naphthalene	ND		5.0	3.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
Nitrobenzene	ND		5.0	1.2	ug/L		09/28/13 08:54	09/30/13 13:59	1
N-Nitrosodi-n-propylamine	ND		5.0	2.2	ug/L		09/28/13 08:54	09/30/13 13:59	1
N-Nitrosodiphenylamine	ND		5.0	2.0	ug/L		09/28/13 08:54	09/30/13 13:59	1
Pentachlorophenol	ND		10	8.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
Phenanthrene	ND		5.0	1.8	ug/L		09/28/13 08:54	09/30/13 13:59	1
Phenol	ND		5.0	1.6	ug/L		09/28/13 08:54	09/30/13 13:59	1
Pyrene	ND		5.0	1.4	ug/L		09/28/13 08:54	09/30/13 13:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*09/28/13 08:54*	*09/30/13 13:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*52 - 132*	*09/28/13 08:54*	*09/30/13 13:59*	*1*
2-Fluorobiphenyl	*70*		*48 - 120*	*09/28/13 08:54*	*09/30/13 13:59*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/28/13 08:54*	*09/30/13 13:59*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*09/28/13 08:54*	*09/30/13 13:59*	*1*
Phenol-d5	*31*		*16 - 120*	*09/28/13 08:54*	*09/30/13 13:59*	*1*
p-Terphenyl-d14	*89*		*67 - 150*	*09/28/13 08:54*	*09/30/13 13:59*	*1*

Lab Sample ID: LCS 480-141689/2-A
Matrix: Water
Analysis Batch: 141836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 141689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	23.4		ug/L		73	40 - 120
1,4-Dichlorobenzene	32.0	21.9		ug/L		69	32 - 120
2,4-Dinitrotoluene	32.0	32.4		ug/L		101	65 - 154
2-Chlorophenol	32.0	24.1		ug/L		75	48 - 120
4-Chloro-3-methylphenol	32.0	29.0		ug/L		91	64 - 120
4-Nitrophenol	64.0	33.0		ug/L		52	16 - 120
Acenaphthene	32.0	27.4		ug/L		86	60 - 120
Bis(2-ethylhexyl) phthalate	32.0	28.3		ug/L		88	53 - 158
Fluorene	32.0	28.2		ug/L		88	55 - 143
Hexachloroethane	32.0	22.1		ug/L		69	14 - 101
N-Nitrosodi-n-propylamine	32.0	27.7		ug/L		86	56 - 120
Pentachlorophenol	64.0	46.5		ug/L		73	39 - 136
Phenol	32.0	13.6		ug/L		43	17 - 120
Pyrene	32.0	27.0		ug/L		84	58 - 136

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

Lab Sample ID: LCS 480-141689/2-A
Matrix: Water
Analysis Batch: 141836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 141689

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	*86*		*52 - 132*
2-Fluorobiphenyl	*84*		*48 - 120*
2-Fluorophenol	*52*		*20 - 120*
Nitrobenzene-d5	*83*		*46 - 120*
Phenol-d5	*38*		*16 - 120*
p-Terphenyl-d14	*85*		*67 - 150*

Lab Sample ID: LCSD 480-141689/3-A
Matrix: Water
Analysis Batch: 141836

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 141689

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			32.0	27.3		ug/L		85	40 - 120	15	30
1,4-Dichlorobenzene			32.0	24.9		ug/L		78	32 - 120	13	36
2,4-Dinitrotoluene			32.0	37.1		ug/L		116	65 - 154	13	20
2-Chlorophenol			32.0	27.0		ug/L		84	48 - 120	11	25
4-Chloro-3-methylphenol			32.0	33.6		ug/L		105	64 - 120	15	27
4-Nitrophenol			64.0	40.5		ug/L		63	16 - 120	20	48
Acenaphthene			32.0	30.6		ug/L		96	60 - 120	11	24
Bis(2-ethylhexyl) phthalate			32.0	33.2	*	ug/L		104	53 - 158	16	15
Fluorene			32.0	32.0		ug/L		100	55 - 143	12	15
Hexachloroethane			32.0	25.2		ug/L		79	14 - 101	13	46
N-Nitrosodi-n-propylamine			32.0	31.3		ug/L		98	56 - 120	12	31
Pentachlorophenol			64.0	57.4		ug/L		90	39 - 136	21	37
Phenol			32.0	16.0		ug/L		50	17 - 120	16	34
Pyrene			32.0	30.6		ug/L		96	58 - 136	13	19

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	*103*		*52 - 132*
2-Fluorobiphenyl	*94*		*48 - 120*
2-Fluorophenol	*61*		*20 - 120*
Nitrobenzene-d5	*95*		*46 - 120*
Phenol-d5	*46*		*16 - 120*
p-Terphenyl-d14	*97*		*67 - 150*

GC/MS VOA

Analysis Batch: 142214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46777-1	WG-007830-092713-BP-001	Total/NA	Water	8260B	
480-46777-4	WG-007830-092713-BP-004	Total/NA	Water	8260B	
480-46777-5	WG-007830-092713-BP-005	Total/NA	Water	8260B	
480-46777-7	WG-007830-092713-BP-007	Total/NA	Water	8260B	
480-46777-8	TRIP BLANKS	Total/NA	Water	8260B	
LCS 480-142214/6	Lab Control Sample	Total/NA	Water	8260B	
MB 480-142214/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 142385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46777-2	WG-007830-092713-BP-002	Total/NA	Water	8260B	
480-46777-3	WG-007830-092713-BP-003	Total/NA	Water	8260B	
480-46777-6	WG-007830-092713-BP-006	Total/NA	Water	8260B	
480-46777-7 - DL	WG-007830-092713-BP-007	Total/NA	Water	8260B	
LCS 480-142385/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-142385/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 142446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46777-1 - DL	WG-007830-092713-BP-001	Total/NA	Water	8260B	
LCS 480-142446/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-142446/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 141689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46777-1	WG-007830-092713-BP-001	Total/NA	Water	3510C	
480-46777-2	WG-007830-092713-BP-002	Total/NA	Water	3510C	
480-46777-3	WG-007830-092713-BP-003	Total/NA	Water	3510C	
480-46777-4	WG-007830-092713-BP-004	Total/NA	Water	3510C	
480-46777-5	WG-007830-092713-BP-005	Total/NA	Water	3510C	
480-46777-6	WG-007830-092713-BP-006	Total/NA	Water	3510C	
480-46777-7	WG-007830-092713-BP-007	Total/NA	Water	3510C	
LCS 480-141689/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-141689/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-141689/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 141836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-141689/2-A	Lab Control Sample	Total/NA	Water	8270C	141689
LCSD 480-141689/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	141689
MB 480-141689/1-A	Method Blank	Total/NA	Water	8270C	141689

Analysis Batch: 141954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46777-1	WG-007830-092713-BP-001	Total/NA	Water	8270C	141689
480-46777-2	WG-007830-092713-BP-002	Total/NA	Water	8270C	141689
480-46777-3	WG-007830-092713-BP-003	Total/NA	Water	8270C	141689
480-46777-4	WG-007830-092713-BP-004	Total/NA	Water	8270C	141689

GC/MS Semi VOA (Continued)

Analysis Batch: 141954 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46777-5	WG-007830-092713-BP-005	Total/NA	Water	8270C	141689
480-46777-6	WG-007830-092713-BP-006	Total/NA	Water	8270C	141689
480-46777-7	WG-007830-092713-BP-007	Total/NA	Water	8270C	141689

Lab Chronicle

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-001

Lab Sample ID: 480-46777-1

Date Collected: 09/27/13 10:00
Matrix: Water
Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	142214	10/02/13 13:52	RAL	TAL BUF
Total/NA	Analysis	8260B	DL	80	142446	10/03/13 12:19	RAL	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 10:56	RMM	TAL BUF

Client Sample ID: WG-007830-092713-BP-002

Lab Sample ID: 480-46777-2

Date Collected: 09/27/13 11:00
Matrix: Water
Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142385	10/03/13 00:39	NQN	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 11:24	RMM	TAL BUF

Client Sample ID: WG-007830-092713-BP-003

Lab Sample ID: 480-46777-3

Date Collected: 09/27/13 11:30
Matrix: Water
Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142385	10/03/13 01:03	NQN	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 11:51	RMM	TAL BUF

Client Sample ID: WG-007830-092713-BP-004

Lab Sample ID: 480-46777-4

Date Collected: 09/27/13 12:00
Matrix: Water
Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142214	10/02/13 15:03	RAL	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 12:19	RMM	TAL BUF

Client Sample ID: WG-007830-092713-BP-005

Lab Sample ID: 480-46777-5

Date Collected: 09/27/13 12:30
Matrix: Water
Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142214	10/02/13 15:27	RAL	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 12:46	RMM	TAL BUF

Lab Chronicle

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Client Sample ID: WG-007830-092713-BP-006

Lab Sample ID: 480-46777-6

Date Collected: 09/27/13 13:30

Matrix: Water

Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142385	10/03/13 01:27	NQN	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 13:13	RMM	TAL BUF

Client Sample ID: WG-007830-092713-BP-007

Lab Sample ID: 480-46777-7

Date Collected: 09/27/13 13:30

Matrix: Water

Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142214	10/02/13 16:14	RAL	TAL BUF
Total/NA	Analysis	8260B	DL	2	142385	10/03/13 01:50	NQN	TAL BUF
Total/NA	Prep	3510C			141689	09/28/13 08:54	KEB	TAL BUF
Total/NA	Analysis	8270C		1	141954	10/01/13 13:40	RMM	TAL BUF

Client Sample ID: TRIP BLANKS

Lab Sample ID: 480-46777-8

Date Collected: 09/27/13 00:00

Matrix: Water

Date Received: 09/28/13 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	142214	10/02/13 16:37	RAL	TAL BUF

Laboratory References:

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

Certification Summary

Client: NPEC - Sterling
TestAmerica Job ID: 480-46777-1
Project/Site: Sterling Site #2 and #3 East Greenbush,

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: NPEC - Sterling
Project/Site: Sterling Site #2 and #3 East Greenbush,

TestAmerica Job ID: 480-46777-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-46777-1	WG-007830-092713-BP-001	Water	09/27/13 10:00	09/28/13 01:00
480-46777-2	WG-007830-092713-BP-002	Water	09/27/13 11:00	09/28/13 01:00
480-46777-3	WG-007830-092713-BP-003	Water	09/27/13 11:30	09/28/13 01:00
480-46777-4	WG-007830-092713-BP-004	Water	09/27/13 12:00	09/28/13 01:00
480-46777-5	WG-007830-092713-BP-005	Water	09/27/13 12:30	09/28/13 01:00
480-46777-6	WG-007830-092713-BP-006	Water	09/27/13 13:30	09/28/13 01:00
480-46777-7	WG-007830-092713-BP-007	Water	09/27/13 13:30	09/28/13 01:00
480-46777-8	TRIP BLANKS	Water	09/27/13 00:00	09/28/13 01:00

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica

Client Information	Sampler: BRIAN PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.1
Client Contact: Ms. Sue Scrocchi	Phone: 518-248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: Conestoga-Rovers & Associates, Inc.				Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304				
Phone: (716) 297-6150	PO #: 15-Dec			
Email: sscrocchi@craworld.com	WO #:			
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL list OLM04.2 + Adds + TIC's	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
WG-007830-092713-BP-001	9/27/13	1000	G	Water			3	2			5	Kathy Willy
WG-007830-092713-BP-002		1100	G	Water			3	2			5	CRA chemist
WG-007830-092713-BP-003		1130	G	Water			3	2			5	(p) 716-297-2160
WG-007830-092713-BP-004		1200	G	Water			3	2			5	(f) 716-297-2265
WG-007830-092713-BP-005		1230	G	Water			3	2			5	
WG-007830-092713-BP-006		1330	G	Water			3	2			5	
WG-007830-092713-BP-007		1330	G	Water			3	2			5	
				Water								
TRIP BLANKS	—			Water			2	-			2	
				Water								
				Water			37				37	

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9/27/13 1345	CRA		9-27-13 1345	TA
2		9-27-13			9-27-13 0100	TAL
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2 C # 1

10/18/2013

Login Sample Receipt Checklist

Client: NPEC - Sterling

Job Number: 480-46777-1

Login Number: 46777

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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

Attachment B

Analytical Results and Reduced Validation

CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
www.CRAworld.com

MEMORANDUM

TO:	Mike Okamoto	REF. NO.:	007830-2013
FROM:	Kathy Willy/bjw/2 KW	DATE:	December 6, 2013
RE:	**Analytical Results and Reduced Validation Groundwater, Surface Water and Sediment Collection NPEC Inc. Sterling Site #3 East Greenbush, New York September 2013**		

1.0 Introduction

The following document details a reduced validation of analytical results for groundwater, surface water and sediment samples collected in support of the Remedial Action Sampling at the NPEC Inc. Sterling Site 3 during September 2013. Samples were submitted to TestAmerica Laboratories, located in Amherst, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2A, Table 2B and Table 2C. A summary of the analytical methodology is presented in Table 3. Copies of the chain of custody can be found in Attachment A.

Standard Conestoga--Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS), and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999 and,

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

Items i) and ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3.0 Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4.0 Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC and SVOC determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/analysis.

Each individual surrogate compound is expected to meet the laboratory (method) control limits with the exception of semi-volatile organic compound (SVOC) analyses. According to the "Guidelines" for SVOC analyses, up to one outlying surrogate in the base/neutral or acid fractions is acceptable as long as the recovery is at least 10 percent.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

5.0 Laboratory Control Sample Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses - Organic Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of a low recovery for bis(2-ethylhexyl)phthalate. The sample result was qualified as estimated to reflect the implied low bias (see Table 4).

Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision with the exception of a low recovery for total organic carbon (TOC). Associated sample result were qualified as estimated to reflect the implied low bias (see Table 4).

7.0 Field QA/QC Samples

The field QA/QC consisted of two trip blank samples, two rinse blank samples, and two field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for volatile organic compound (VOC) analysis. All results were non-detect for the compounds of interest.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the Site, and cleanliness of sample containers, two rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of some low concentrations of SVOCs. Associated sample results with concentrations similar to that found in the rinse blanks were qualified as non-detect (see Table 5).

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 and 100 percent for water and soil samples, respectively. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criteria is one or two time(s) the PQL value for water and soil samples, respectively.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision with the exception of TOC which did show some variability. A summary of qualified results can be found in Table 6.

8.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

All sediment results were reported on a dry weight basis.

9.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER, SURFACE WATER AND SEDIMENT COLLECTION
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

					Analysis/Parameters			
Sample Identification	***Location***	***Sample Type***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***VOC***	***SVOC***	***TOC***	***Comments***
WS-7830-091913-BP-001	S-3C	grab	9/19/2013	11:05	x	x		
WS-7830-091913-BP-002	S-3C	grab	9/19/2013	11:05	x	x		Field duplicate of sample WS-7830-091913-BP-001
WS-7830-091913-BP-003	S-1C	grab	9/19/2013	13:30	x	x		
WS-7830-091913-BP-004	S-2C	grab	9/19/2013	14:45	x	x		MS/MSD
WS-7830-092013-BP-005	S-4C	grab	9/20/2013	09:15	x	x		Trip Blank
TB	TRIP BLANK	-	9/19/2013	9/19/2013	x			Trip Blank
WG-007830-092713-BP-001	PZ-2A	grab	9/27/2013	10:00	x	x		
WG-007830-092713-BP-002	MW-9A	grab	9/27/2013	11:00	x	x		
WG-007830-092713-BP-003	MW-9B	grab	9/27/2013	11:30	x	x		
WG-007830-092713-BP-004	MW-2S	grab	9/27/2013	12:00	x	x		
WG-007830-092713-BP-005	MW-6A	grab	9/27/2013	12:30	x	x		
WG-007830-092713-BP-006	MW-6B	grab	9/27/2013	13:30	x	x		
WG-007830-092713-BP-007	RW-1	grab	9/27/2013	13:30	x	x		
TRIP BLANKS	TRIP BLANK	-	9/27/2013	9/27/2013	x			
SD-7830-091913-BP-001	S-3C	grab	9/19/2013	11:00	x			
SD-7830-091913-BP-002	S-3C	grab	9/19/2013	11:00	x			Field duplicate of sample SD-7830-091913-BP-001
SD-7830-091913-BP-003	S-1C	grab	9/19/2013	13:30	x			
SD-7830-091913-BP-004	S-2C	grab	9/19/2013	15:00	x			MS/MSD
SD-7830-092013-BP-005	S-4C	grab	9/20/2013	09:30	x			
SD-7830-091913-BP-001	S-3	composite	9/19/2013	11:30		x	x	
SD-7830-091913-BP-002	S-3	composite	9/19/2013	11:30		x	x	Field duplicate of sample SD-7830-091913-BP-001
SD-7830-091913-BP-003	S-1	composite	9/19/2013	13:45		x	x	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER, SURFACE WATER AND SEDIMENT COLLECTION
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

					Analysis/Parameters			
Sample Identification	***Location***	***Sample Type***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***VOC***	***SVOC***	***TOC***	***Comments***
SD-7830-091913-BP-004	S-2	composite	9/19/2013	15:15		x	x	
SD-7830-092013-BP-005	S-4	composite	9/20/2013	09:45		x	x	
RB-7830-091913-BP-001	RINSEBLANK	-	9/19/2013	12:00	x	x		Rinse Blank
RB-7830-091913-BP-002	RINSEBLANK	-	9/19/2013	13:00	x	x		Rinse Blank

Notes:

VOC - Volatile organic compounds
SVOC - Semi-volatile organic compounds
TOC - Total organic carbon
MS - Matrix spike
MSD - Matrix spike duplicate

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1*	*S-1C*	*S-2*	*S-2C*	*S-3*
	Sample ID:	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-001*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*
Parameter	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,1,2-Trichloroethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,1-Dichloroethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,1-Dichloroethene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,2,4-Trichlorobenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,2-Dibromoethane (Ethylene Dibromide)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,2-Dichlorobenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,2-Dichloroethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,2-Dichloropropane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,3-Dichlorobenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
1,4-Dichlorobenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
2-Butanone (Methyl Ethyl Ketone)	µg/kg	-	43 J	-	ND (27)	-
2-Hexanone	µg/kg	-	ND (46)	-	ND (27)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	-	ND (46)	-	ND (27)	-
Acetone	µg/kg	-	170	-	8.9 J	-
Benzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Bromodichloromethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Bromoform	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Bromomethane (Methyl Bromide)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Carbon disulfide	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Carbon tetrachloride	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Chlorobenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Chloroethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Chloroform (Trichloromethane)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Chloromethane (Methyl Chloride)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
cis-1,2-Dichloroethene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
cis-1,3-Dichloropropene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Cyclohexane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Dibromochloromethane	µg/kg	-	ND (9.3)	-	ND (5.5)	-

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1*	*S-1C*	*S-2*	*S-2C*	*S-3*
	Sample ID:	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-001*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*
Parameter	***Units***					
Volatile Organic Compounds (Continued)						
Dichlorodifluoromethane (CFC-12)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Ethyl Ether	µg/kg	-	ND (46)	-	ND (27)	-
Ethylbenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Isopropylbenzene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
m&p-Xylene	µg/kg	-	ND (19)	-	ND (11)	-
Methyl acetate	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Methyl cyclohexane	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Methyl Tert Butyl Ether	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Methylene chloride	µg/kg	-	ND (9.3)	-	ND (5.5)	-
o-Xylene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Styrene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Tetrachloroethene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Toluene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
trans-1,2-Dichloroethene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
trans-1,3-Dichloropropene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Trichloroethene	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Vinyl chloride	µg/kg	-	ND (9.3)	-	ND (5.5)	-
Xylene (total)	µg/kg	-	ND (19)	-	ND (11)	-
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
1,2-Dichlorobenzene	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
1,3-Dichlorobenzene	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
1,4-Dichlorobenzene	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2,4,5-Trichlorophenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2,4,6-Trichlorophenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2,4-Dichlorophenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2,4-Dimethylphenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1*	*S-1C*	*S-2*	*S-2C*	*S-3*
	Sample ID:	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-001*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*
Parameter	***Units***					
Semi-Volatile Organic Compounds (Continued)						
2,4-Dinitrophenol	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
2,4-Dinitrotoluene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2,6-Dinitrotoluene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2-Chloronaphthalene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2-Chlorophenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2-Methylnaphthalene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2-Methylphenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
2-Nitroaniline	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
2-Nitrophenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
3,3'-Dichlorobenzidine	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
3-Nitroaniline	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
4,6-Dinitro-2-methylphenol	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
4-Bromophenyl phenyl ether	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
4-Chloro-3-methylphenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
4-Chloroaniline	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
4-Chlorophenyl phenyl ether	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
4-Methylphenol	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
4-Nitroaniline	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
4-Nitrophenol	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
Acenaphthene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Acenaphthylene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Anthracene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Benzaldehyde	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Benzo(a)anthracene	µg/kg	ND (4500)	-	370 J	-	ND (7200)
Benzo(a)pyrene	µg/kg	ND (4500)	-	380 J	-	ND (7200)
Benzo(b)fluoranthene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Benzo(g,h,i)perylene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Benzo(k)fluoranthene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
bis(2-Chloroethoxy)methane	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
bis(2-Chloroethyl)ether	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
bis(2-Ethylhexyl)phthalate	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1*	*S-1C*	*S-2*	*S-2C*	*S-3*
	Sample ID:	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-003*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-004*	*SD-7830-091913-BP-001*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*
Parameter	***Units***					
Semi-Volatile Organic Compounds (Cotninued)						
Butyl benzylphthalate	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Carbazole	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Chrysene	µg/kg	ND (4500)	-	310 J	-	ND (7200)
Dibenz(a,h)anthracene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Dibenzofuran	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Diethyl phthalate	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Dimethyl phthalate	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Di-n-butylphthalate	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Di-n-octyl phthalate	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Fluoranthene	µg/kg	360 J	-	520 J	-	950 J
Fluorene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Hexachlorobenzene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Hexachlorobutadiene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Hexachlorocyclopentadiene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Hexachloroethane	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Isophorone	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Naphthalene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Nitrobenzene	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
N-Nitrosodi-n-propylamine	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
N-Nitrosodiphenylamine	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Pentachlorophenol	µg/kg	ND (8700)	-	ND (3200)	-	ND (14000)
Phenanthrene	µg/kg	ND (4500)	-	210 J	-	420 J
Phenol	µg/kg	ND (4500)	-	ND (1600)	-	ND (7200)
Pyrene	µg/kg	470 J	-	550 J	-	940 J
General Chemistry						
Total Organic Carbon (TOC)	mg/kg	126000	-	81400 J	-	31000 J

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-3*	*S-3C*	*S-3C*	*S-4*	*S-4C*
	Sample ID:	*SD-7830-091913-BP-002*	*SD-7830-091913-BP-001*	*SD-7830-091913-BP-002*	*SD-7830-092013-BP-005*	*SD-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*	*9/20/2013*
		Duplicate		*Duplicate*		
Parameter	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,1,2,2-Tetrachloroethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,1,2-Trichloroethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,1-Dichloroethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,1-Dichloroethene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,2,4-Trichlorobenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,2-Dibromoethane (Ethylene Dibromide)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,2-Dichlorobenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,2-Dichloroethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,2-Dichloropropane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,3-Dichlorobenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
1,4-Dichlorobenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
2-Butanone (Methyl Ethyl Ketone)	µg/kg	-	56	34 J	-	9.9 J
2-Hexanone	µg/kg	-	ND (48)	ND (64)	-	ND (22)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/kg	-	ND (48)	ND (64)	-	ND (22)
Acetone	µg/kg	-	220	150	-	38
Benzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Bromodichloromethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Bromoform	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Bromomethane (Methyl Bromide)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Carbon disulfide	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Carbon tetrachloride	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Chlorobenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Chloroethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Chloroform (Trichloromethane)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Chloromethane (Methyl Chloride)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
cis-1,2-Dichloroethene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
cis-1,3-Dichloropropene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Cyclohexane	µg/kg	-	3.7 J	8.9 J	-	ND (4.4)
Dibromochloromethane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-3*	*S-3C*	*S-3C*	*S-4*	*S-4C*
	Sample ID:	*SD-7830-091913-BP-002*	*SD-7830-091913-BP-001*	*SD-7830-091913-BP-002*	*SD-7830-092013-BP-005*	*SD-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*	*9/20/2013*
		Duplicate		*Duplicate*		
Parameter	***Units***					
Volatile Organic Compounds (Continued)						
Dichlorodifluoromethane (CFC-12)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Ethyl Ether	µg/kg	-	12 J	ND (64)	-	ND (22)
Ethylbenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Isopropylbenzene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
m&p-Xylene	µg/kg	-	ND (19)	ND (25)	-	ND (8.9)
Methyl acetate	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Methyl cyclohexane	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Methyl Tert Butyl Ether	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Methylene chloride	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
o-Xylene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Styrene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Tetrachloroethene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Toluene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
trans-1,2-Dichloroethene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
trans-1,3-Dichloropropene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Trichloroethene	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Trichlorofluoromethane (CFC-11)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Trifluorotrichloroethane (Freon 113)	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Vinyl chloride	µg/kg	-	ND (9.6)	ND (13)	-	ND (4.4)
Xylene (total)	µg/kg	-	ND (19)	ND (25)	-	ND (8.9)
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/kg	ND (18000)	-	-	ND (7300)	-
1,2-Dichlorobenzene	µg/kg	ND (18000)	-	-	ND (7300)	-
1,3-Dichlorobenzene	µg/kg	ND (18000)	-	-	ND (7300)	-
1,4-Dichlorobenzene	µg/kg	ND (18000)	-	-	ND (7300)	-
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/kg	ND (9300)	-	-	ND (3800)	-
2,4,5-Trichlorophenol	µg/kg	ND (9300)	-	-	ND (3800)	-
2,4,6-Trichlorophenol	µg/kg	ND (9300)	-	-	ND (3800)	-
2,4-Dichlorophenol	µg/kg	ND (9300)	-	-	ND (3800)	-
2,4-Dimethylphenol	µg/kg	ND (9300)	-	-	ND (3800)	-

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-3*	*S-3C*	*S-3C*	*S-4*	*S-4C*
	Sample ID:	*SD-7830-091913-BP-002*	*SD-7830-091913-BP-001*	*SD-7830-091913-BP-002*	*SD-7830-092013-BP-005*	*SD-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*	*9/20/2013*
		Duplicate		*Duplicate*		
Parameter	***Units***					
Semi-Volatile Organic Compounds (Continued)						
2,4-Dinitrophenol	µg/kg	ND (18000)	-	-	ND (7300)	-
2,4-Dinitrotoluene	µg/kg	ND (9300)	-	-	ND (3800)	-
2,6-Dinitrotoluene	µg/kg	ND (9300)	-	-	ND (3800)	-
2-Chloronaphthalene	µg/kg	ND (9300)	-	-	ND (3800)	-
2-Chlorophenol	µg/kg	ND (9300)	-	-	ND (3800)	-
2-Methylnaphthalene	µg/kg	ND (9300)	-	-	ND (3800)	-
2-Methylphenol	µg/kg	ND (9300)	-	-	ND (3800)	-
2-Nitroaniline	µg/kg	ND (18000)	-	-	ND (7300)	-
2-Nitrophenol	µg/kg	ND (9300)	-	-	ND (3800)	-
3,3'-Dichlorobenzidine	µg/kg	ND (9300)	-	-	ND (3800)	-
3-Nitroaniline	µg/kg	ND (18000)	-	-	ND (7300)	-
4,6-Dinitro-2-methylphenol	µg/kg	ND (18000)	-	-	ND (7300)	-
4-Bromophenyl phenyl ether	µg/kg	ND (9300)	-	-	ND (3800)	-
4-Chloro-3-methylphenol	µg/kg	ND (9300)	-	-	ND (3800)	-
4-Chloroaniline	µg/kg	ND (9300)	-	-	ND (3800)	-
4-Chlorophenyl phenyl ether	µg/kg	ND (9300)	-	-	ND (3800)	-
4-Methylphenol	µg/kg	ND (18000)	-	-	ND (7300)	-
4-Nitroaniline	µg/kg	ND (18000)	-	-	ND (7300)	-
4-Nitrophenol	µg/kg	ND (18000)	-	-	ND (7300)	-
Acenaphthene	µg/kg	ND (9300)	-	-	ND (3800)	-
Acenaphthylene	µg/kg	ND (9300)	-	-	ND (3800)	-
Anthracene	µg/kg	ND (9300)	-	-	ND (3800)	-
Benzaldehyde	µg/kg	ND (9300)	-	-	ND (3800)	-
Benzo(a)anthracene	µg/kg	ND (9300)	-	-	ND (3800)	-
Benzo(a)pyrene	µg/kg	ND (9300)	-	-	ND (3800)	-
Benzo(b)fluoranthene	µg/kg	ND (9300)	-	-	ND (3800)	-
Benzo(g,h,i)perylene	µg/kg	ND (9300)	-	-	ND (3800)	-
Benzo(k)fluoranthene	µg/kg	ND (9300)	-	-	ND (3800)	-
bis(2-Chloroethoxy)methane	µg/kg	ND (9300)	-	-	ND (3800)	-
bis(2-Chloroethyl)ether	µg/kg	ND (9300)	-	-	ND (3800)	-
bis(2-Ethylhexyl)phthalate	µg/kg	ND (9300)	-	-	ND (3800)	-

TABLE 2A

ANALYTICAL RESULTS SUMMARY
SEDIMENT SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-3*	*S-3C*	*S-3C*	*S-4*	*S-4C*
	Sample ID:	*SD-7830-091913-BP-002*	*SD-7830-091913-BP-001*	*SD-7830-091913-BP-002*	*SD-7830-092013-BP-005*	*SD-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*	*9/20/2013*
		Duplicate		*Duplicate*		
Parameter	***Units***					
Semi-Volatile Organic Compounds (Cotninued)						
Butyl benzylphthalate	µg/kg	ND (9300)	-	-	ND (3800)	-
Carbazole	µg/kg	ND (9300)	-	-	ND (3800)	-
Chrysene	µg/kg	ND (9300)	-	-	ND (3800)	-
Dibenz(a,h)anthracene	µg/kg	ND (9300)	-	-	ND (3800)	-
Dibenzofuran	µg/kg	ND (9300)	-	-	ND (3800)	-
Diethyl phthalate	µg/kg	ND (9300)	-	-	ND (3800)	-
Dimethyl phthalate	µg/kg	ND (9300)	-	-	ND (3800)	-
Di-n-butylphthalate	µg/kg	ND (9300)	-	-	ND (3800)	-
Di-n-octyl phthalate	µg/kg	ND (9300)	-	-	ND (3800)	-
Fluoranthene	µg/kg	1200 J	-	-	ND (3800)	-
Fluorene	µg/kg	ND (9300)	-	-	ND (3800)	-
Hexachlorobenzene	µg/kg	ND (9300)	-	-	ND (3800)	-
Hexachlorobutadiene	µg/kg	ND (9300)	-	-	ND (3800)	-
Hexachlorocyclopentadiene	µg/kg	ND (9300)	-	-	ND (3800)	-
Hexachloroethane	µg/kg	ND (9300)	-	-	ND (3800)	-
Indeno(1,2,3-cd)pyrene	µg/kg	ND (9300)	-	-	ND (3800)	-
Isophorone	µg/kg	ND (9300)	-	-	ND (3800)	-
Naphthalene	µg/kg	ND (9300)	-	-	ND (3800)	-
Nitrobenzene	µg/kg	ND (9300)	-	-	ND (3800)	-
N-Nitrosodi-n-propylamine	µg/kg	ND (9300)	-	-	ND (3800)	-
N-Nitrosodiphenylamine	µg/kg	ND (9300)	-	-	ND (3800)	-
Pentachlorophenol	µg/kg	ND (18000)	-	-	ND (7300)	-
Phenanthrene	µg/kg	570 J	-	-	ND (3800)	-
Phenol	µg/kg	ND (9300)	-	-	ND (3800)	-
Pyrene	µg/kg	1300 J	-	-	170 J	-
General Chemistry						
Total Organic Carbon (TOC)	mg/kg	98900 J	-	-	120000	-

Notes:

ND - Not detected at the associated reporting limit.
J - Estimated concentration
- - Not applicable

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*MW-2S*	*MW-6A*	*MW-6B*	*MW-9A*
	Sample ID:	*WG-007830-092713-BP-004*	*WG-007830-092713-BP-005*	*WG-007830-092713-BP-006*	*WG-007830-092713-BP-002*
	Sample Date:	*9/27/2013*	*9/27/2013*	*9/27/2013*	*9/27/2013*
Parameter	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloropropane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylthiophene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
3-Methylthiophene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromodichloromethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromoform	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Carbon tetrachloride	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chlorobenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroethane	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,3-Dichloropropene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Dibromochloromethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Ethyl Ether	µg/L	64	ND (10)	1.1 J	ND (10)
Ethylbenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
m&p-Xylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Methylene chloride	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	MW-2S	MW-6A	MW-6B	MW-9A
	Sample ID:	WG-007830-092713-BP-004	WG-007830-092713-BP-005	WG-007830-092713-BP-006	WG-007830-092713-BP-002
	Sample Date:	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Parameter	***Units***				
Volatile Organic Compounds (Continued)					
o-Xylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Styrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Tetrachloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,2-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Trichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Vinyl chloride	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatile Organic Compounds					
1,2,4-Trichlorobenzene	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
1,2-Dichlorobenzene	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
1,3-Dichlorobenzene	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
1,4-Dichlorobenzene	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2,4,5-Trichlorophenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2,4,6-Trichlorophenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2,4-Dichlorophenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2,4-Dimethylphenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2,4-Dinitrophenol	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
2,4-Dinitrotoluene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2,6-Dinitrotoluene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2-Chloronaphthalene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2-Chlorophenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2-Methylnaphthalene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2-Methylphenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
2-Nitroaniline	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
2-Nitrophenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
3,3'-Dichlorobenzidine	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
3-Nitroaniline	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*MW-2S*	*MW-6A*	*MW-6B*	*MW-9A*
	Sample ID:	*WG-007830-092713-BP-004*	*WG-007830-092713-BP-005*	*WG-007830-092713-BP-006*	*WG-007830-092713-BP-002*
	Sample Date:	*9/27/2013*	*9/27/2013*	*9/27/2013*	*9/27/2013*
Parameter	***Units***				
Semi-Volatile Organic Compounds (Continued)					
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
4-Bromophenyl phenyl ether	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
4-Chloro-3-methylphenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
4-Chloroaniline	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
4-Chlorophenyl phenyl ether	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
4-Methylphenol	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
4-Nitroaniline	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
4-Nitrophenol	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
Acenaphthene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Acenaphthylene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Anthracene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Benzaldehyde	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Benzo(a)anthracene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Benzo(a)pyrene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Benzo(b)fluoranthene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Benzo(g,h,i)perylene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Benzo(k)fluoranthene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
bis(2-Chloroethoxy)methane	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
bis(2-Chloroethyl)ether	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Butyl benzylphthalate	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Carbazole	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Chrysene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Dibenz(a,h)anthracene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Dibenzofuran	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
Diethyl phthalate	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Dimethyl phthalate	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Di-n-butylphthalate	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Di-n-octyl phthalate	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Fluoranthene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*MW-2S*	*MW-6A*	*MW-6B*	*MW-9A*
	Sample ID:	*WG-007830-092713-BP-004*	*WG-007830-092713-BP-005*	*WG-007830-092713-BP-006*	*WG-007830-092713-BP-002*
	Sample Date:	*9/27/2013*	*9/27/2013*	*9/27/2013*	*9/27/2013*
Parameter	***Units***				
Semi-Volatile Organic Compounds (Continued)					
Fluorene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Hexachlorobenzene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Hexachlorobutadiene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Hexachlorocyclopentadiene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Hexachloroethane	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Isophorone	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Naphthalene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Nitrobenzene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
N-Nitrosodi-n-propylamine	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
N-Nitrosodiphenylamine	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Pentachlorophenol	µg/L	ND (10)	ND (9.1)	ND (9.1)	ND (10)
Phenanthrene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Phenol	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)
Pyrene	µg/L	ND (5.1)	ND (4.5)	ND (4.6)	ND (5.1)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	***MW-9B***	***PZ-2A***	***RW-1***
	Sample ID:	***WG-007830-092713-BP-003***	***WG-007830-092713-BP-001***	***WG-007830-092713-BP-007***
	Sample Date:	***9/27/2013***	***9/27/2013***	***9/27/2013***
Parameter	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
1,1,2-Trichloroethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
1,1-Dichloroethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
1,1-Dichloroethene	µg/L	ND (5.0)	ND (100)	ND (5.0)
1,2-Dichloroethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
1,2-Dichloropropane	µg/L	ND (5.0)	ND (100)	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	ND (10)	17000	ND (10)
2-Hexanone	µg/L	ND (10)	32 J	ND (10)
2-Methylthiophene	µg/L	ND (10)	ND (200)	ND (10)
3-Methylthiophene	µg/L	ND (10)	ND (200)	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	ND (200)	ND (10)
Acetone	µg/L	ND (10)	21000	ND (10)
Benzene	µg/L	ND (1.0)	ND (20)	ND (1.0)
Bromodichloromethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
Bromoform	µg/L	ND (5.0)	ND (100)	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	ND (200)	ND (10)
Carbon disulfide	µg/L	ND (5.0)	ND (100)	ND (5.0)
Carbon tetrachloride	µg/L	ND (5.0)	ND (100)	ND (5.0)
Chlorobenzene	µg/L	ND (5.0)	ND (100)	1.7 J
Chloroethane	µg/L	ND (10)	ND (200)	ND (10)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	ND (100)	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	ND (200)	ND (10)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	ND (100)	ND (5.0)
cis-1,3-Dichloropropene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Dibromochloromethane	µg/L	ND (5.0)	ND (100)	ND (5.0)
Ethyl Ether	µg/L	11	ND (200)	120
Ethylbenzene	µg/L	ND (5.0)	ND (100)	ND (5.0)
m&p-Xylene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Methylene chloride	µg/L	ND (5.0)	9.2 J	ND (5.0)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*MW-9B*	*PZ-2A*	*RW-1*
	Sample ID:	*WG-007830-092713-BP-003*	*WG-007830-092713-BP-001*	*WG-007830-092713-BP-007*
	Sample Date:	*9/27/2013*	*9/27/2013*	*9/27/2013*
Parameter	***Units***			
Volatile Organic Compounds (Continued)				
o-Xylene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Styrene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Tetrachloroethene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Toluene	µg/L	ND (5.0)	ND (100)	0.73 J
trans-1,2-Dichloroethene	µg/L	ND (5.0)	ND (100)	ND (5.0)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Trichloroethene	µg/L	ND (5.0)	ND (100)	ND (5.0)
Vinyl chloride	µg/L	ND (10)	ND (200)	ND (10)
Semi-Volatile Organic Compounds				
1,2,4-Trichlorobenzene	µg/L	ND (10)	ND (10)	ND (9.2)
1,2-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (9.2)
1,3-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (9.2)
1,4-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (9.2)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2,4,5-Trichlorophenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2,4,6-Trichlorophenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2,4-Dichlorophenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2,4-Dimethylphenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2,4-Dinitrophenol	µg/L	ND (10)	ND (10)	ND (9.2)
2,4-Dinitrotoluene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2,6-Dinitrotoluene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2-Chloronaphthalene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2-Chlorophenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2-Methylnaphthalene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2-Methylphenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
2-Nitroaniline	µg/L	ND (10)	ND (10)	ND (9.2)
2-Nitrophenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
3,3'-Dichlorobenzidine	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
3-Nitroaniline	µg/L	ND (10)	ND (10)	ND (9.2)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*MW-9B*	*PZ-2A*	*RW-1*
	Sample ID:	*WG-007830-092713-BP-003*	*WG-007830-092713-BP-001*	*WG-007830-092713-BP-007*
	Sample Date:	*9/27/2013*	*9/27/2013*	*9/27/2013*
Parameter	***Units***			
Semi-Volatile Organic Compounds (Continued)				
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	ND (10)	ND (9.2)
4-Bromophenyl phenyl ether	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
4-Chloro-3-methylphenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
4-Chloroaniline	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
4-Chlorophenyl phenyl ether	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
4-Methylphenol	µg/L	ND (10)	ND (10)	ND (9.2)
4-Nitroaniline	µg/L	ND (10)	ND (10)	ND (9.2)
4-Nitrophenol	µg/L	ND (10)	ND (10)	ND (9.2)
Acenaphthene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Acenaphthylene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Anthracene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Benzaldehyde	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Benzo(a)anthracene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Benzo(a)pyrene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Benzo(b)fluoranthene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Benzo(g,h,i)perylene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Benzo(k)fluoranthene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
bis(2-Chloroethoxy)methane	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
bis(2-Chloroethyl)ether	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Butyl benzylphthalate	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Carbazole	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Chrysene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Dibenz(a,h)anthracene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Dibenzofuran	µg/L	ND (10)	ND (10)	ND (9.2)
Diethyl phthalate	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Dimethyl phthalate	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Di-n-butylphthalate	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Di-n-octyl phthalate	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Fluoranthene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)

TABLE 2B

ANALYTICAL RESULTS SUMMARY
GROUNDWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*MW-9B*	*PZ-2A*	*RW-1*
	Sample ID:	*WG-007830-092713-BP-003*	*WG-007830-092713-BP-001*	*WG-007830-092713-BP-007*
	Sample Date:	*9/27/2013*	*9/27/2013*	*9/27/2013*
Parameter	***Units***			
Semi-Volatile Organic Compounds (Continued)				
Fluorene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Hexachlorobenzene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Hexachlorobutadiene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Hexachlorocyclopentadiene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Hexachloroethane	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Isophorone	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Naphthalene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Nitrobenzene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
N-Nitrosodi-n-propylamine	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
N-Nitrosodiphenylamine	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Pentachlorophenol	µg/L	ND (10)	ND (10)	ND (9.2)
Phenanthrene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Phenol	µg/L	ND (5.2)	ND (5.2)	ND (4.6)
Pyrene	µg/L	ND (5.2)	ND (5.2)	ND (4.6)

Notes:

ND - Not detected at the associated reporting limit.
J - Estimated concentration

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SURFACEWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1C*	*S-2C*	*S-3C*	*S-3C*	*S-4C*
	Sample ID:	*WS-7830-091913-BP-003*	*WS-7830-091913-BP-004*	*WS-7830-091913-BP-001*	*WS-7830-091913-BP-002*	*WS-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*
					Duplicate	
Parameter	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloropropane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylthiophene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3-Methylthiophene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	4.1 J	ND (10)	ND (10)	3.5 J	ND (10)
Benzene	µg/L	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromodichloromethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromoform	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Carbon tetrachloride	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chlorobenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroethane	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,3-Dichloropropene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Dibromochloromethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Ethyl Ether	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Ethylbenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
m&p-Xylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Methylene chloride	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
o-Xylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SURFACEWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1C*	*S-2C*	*S-3C*	*S-3C*	*S-4C*
	Sample ID:	*WS-7830-091913-BP-003*	*WS-7830-091913-BP-004*	*WS-7830-091913-BP-001*	*WS-7830-091913-BP-002*	*WS-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*
					Duplicate	
Parameter	***Units***					
Volatile Organic Compounds (Continued)						
Styrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Tetrachloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,2-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Trichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Vinyl chloride	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
1,2-Dichlorobenzene	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
1,3-Dichlorobenzene	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
1,4-Dichlorobenzene	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2,4,5-Trichlorophenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2,4,6-Trichlorophenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2,4-Dichlorophenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2,4-Dimethylphenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2,4-Dinitrophenol	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
2,4-Dinitrotoluene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2,6-Dinitrotoluene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2-Chloronaphthalene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2-Chlorophenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2-Methylnaphthalene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2-Methylphenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
2-Nitroaniline	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
2-Nitrophenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
3,3'-Dichlorobenzidine	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
3-Nitroaniline	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
4,6-Dinitro-2-methylphenol	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
4-Bromophenyl phenyl ether	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SURFACEWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1C*	*S-2C*	*S-3C*	*S-3C*	*S-4C*
	Sample ID:	*WS-7830-091913-BP-003*	*WS-7830-091913-BP-004*	*WS-7830-091913-BP-001*	*WS-7830-091913-BP-002*	*WS-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*
					Duplicate	
Parameter	***Units***					
Semi-Volatile Organic Compounds (Continued)						
4-Chloro-3-methylphenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
4-Chloroaniline	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
4-Chlorophenyl phenyl ether	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
4-Methylphenol	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
4-Nitroaniline	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
4-Nitrophenol	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
Acenaphthene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Acenaphthylene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Anthracene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Benzaldehyde	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Benzo(a)anthracene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Benzo(a)pyrene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Benzo(b)fluoranthene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Benzo(g,h,i)perylene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Benzo(k)fluoranthene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
bis(2-Chloroethoxy)methane	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
bis(2-Chloroethyl)ether	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
bis(2-Ethylhexyl)phthalate	µg/L	ND (4.8) UJ	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Butyl benzylphthalate	µg/L	ND (4.8) U	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Carbazole	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Chrysene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Dibenz(a,h)anthracene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Dibenzofuran	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
Diethyl phthalate	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Dimethyl phthalate	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Di-n-butylphthalate	µg/L	ND (4.8) U	ND (4.7) U	ND (4.7) U	ND (4.7) U	ND (4.7)
Di-n-octyl phthalate	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Fluoranthene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Fluorene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Hexachlorobenzene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Hexachlorobutadiene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)

TABLE 2C

ANALYTICAL RESULTS SUMMARY
SURFACEWATER SAMPLING
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

	Sample Location:	*S-1C*	*S-2C*	*S-3C*	*S-3C*	*S-4C*
	Sample ID:	*WS-7830-091913-BP-003*	*WS-7830-091913-BP-004*	*WS-7830-091913-BP-001*	*WS-7830-091913-BP-002*	*WS-7830-092013-BP-005*
	Sample Date:	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/19/2013*	*9/20/2013*
					Duplicate	
Parameter	***Units***					
Semi-Volatile Organic Compounds (Continued)						
Hexachlorocyclopentadiene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Hexachloroethane	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Indeno(1,2,3-cd)pyrene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Isophorone	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Naphthalene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Nitrobenzene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
N-Nitrosodi-n-propylamine	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
N-Nitrosodiphenylamine	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Pentachlorophenol	µg/L	ND (9.6)	ND (9.5)	ND (9.5)	ND (9.5)	ND (9.5)
Phenanthrene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Phenol	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)
Pyrene	µg/L	ND (4.8)	ND (4.7)	ND (4.7)	ND (4.7)	ND (4.7)

Notes:

ND - Not detected at the associated reporting limit.
J - Estimated concentration
U - Not detected at the associated reporting limited.
UJ - Not detected; associated reporting limit is estimated

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
GROUNDWATER, SURFACE WATER AND SEDIMENT COLLECTION
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

Parameter	*Method*	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
TCL VOC	SW-846 8260B[1]	Water	-	14
		Sediment	-	14
TCL SVOC	SW-846 8270C[1]	Water	7	40
		Sediment	14	40
Total Organic Carbon (TOC)	Lloyd Kahn[2]	Sediment	-	28

Notes:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
TCL - Target compound list
VOC - Volatile organic compounds
SVOC - Semi-volatile organic compounds

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
GROUNDWATER, SURFACE WATER AND SEDIMENT COLLECTION
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
SVOCs	WS-7830-091913-BP-003	bis(2-Ethylhexyl)phthalate	47	52	10	53 - 158	15	4.8 UJ	µg/L
General Chemistry	SD-7830-091913-BP-004	TOC	57	61	2.0	75 - 125	20	81400 J	mg/Kg
	SD-7830-091913-BP-001							31000 J	mg/Kg
	SD-7830-091913-BP-002							98900 J	mg/Kg
	SD-7830-091913-BP-003							126000 J	mg/Kg

Notes:

MS - Matrix spike
MSD - Matrix spike duplicate
RPD - Relative percent difference
SVOCs - Semi-volatile organic compounds
TOC - Total organic carbon
J - Estimated concentration
UJ - Not detected; associated reporting limit is estimated.

TABLE 5

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
GROUNDWATER, SURFACE WATER AND SEDIMENT COLLECTION
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

Parameter	*Rinse Blank ID*	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
SVOCs	RB-7830-091913-BP-001	09/19/13	Di-n-butylphthalate	0.94 J	WS-7830-091913-BP-001	1.1 J	4.7 U	µg/L
					WS-7830-091913-BP-002	0.61 J	4.7 U	µg/L
					WS-7830-091913-BP-003	0.72 J	4.8 U	µg/L
					WS-7830-091913-BP-004	0.97 J	4.7 U	µg/L
SVOCs	RB-7830-091913-BP-002	09/19/13	Butyl benzylphthalate	0.76 J	WS-7830-091913-BP-003	0.63 J	4.8 U	µg/L

Notes:

SVOCs - Semi-volatile organic compounds
J - Estimated concentration
U - Not detected at the associated reporting limit.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
GROUNDWATER, SURFACE WATER AND SEDIMENT COLLECTION
NPEC INC. STERLING SITE #3
EAST GREENBUSH, NEW YORK
SEPTEMBER 2013

Parameter	*Analyte*	*RPD/Diff*	*Sample ID*	*Qualified Result*	*Field Duplicate Sample ID*	*Qualified Result*	*Units*
General Chemistry	TOC	104	SD-7830-091913-BP-001	31000 J	SD-7830-091913-BP-002	98900 J	mg/Kg

Notes:

Diff - Difference (i.e. >1X RL for waters or >2XRL for soils.)
RPD - Relative percent difference
TOC - Total organic carbon
J - Estimated concentration

ATTACHMENT A

CHAIN OF CUSTODY FORMS

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Brian Pickett	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.1
Client Contact: Ms. Sue Scrocchi	Phone: (518) 248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:

Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:
City: Niagara Falls	TAT Requested (days):
State, Zip: NY, 14304	
Phone: 716 297 6150	PO #: 15-Dec
Email: sscrocchi@craworld.com	WO #:
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568
Site: New York	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Tetralore	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:					A	N	N	N		
SD 7830-091913-BP-001	9/19/13	1130	G	Water				-	1	-	1	2	VOC sample from MW
SD 7830-091913-BP-002		1130	G	Water				-	1	-	1	2	
SD 7830-091913-BP-003		1345	G	Water				-	1	-	1	2	
SD 7830-091913-BP-004		1515	G	Water				-	3	-	2	5	
				Water									
SD 7830-091913-BP-001	9/19/13	1700	G	Water				1	-	2	-	3	
SD-7830-091913-BP-002		1100	G	Water				1	-	2	-	3	
SD 7830-091913-BP-003		1330	G	Water				1	-	2	-	3	
SD 7830-091913-BP-004		1500	G	Water				1	-	3	-	4	+ MS/MSD
		9/14/13		Water									
				Water									

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 9/19/13 1630*	Company: CRA	Received by:	Date/Time: 9/19/13 17:35	Company: TA
Relinquished by:	Date/Time: 9/19/13	Company: TA	Received by:	Date/Time: 9/20.13 0200	Company: TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.4, 2.8 #1

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica

Client Information	Sampler: Brian Pickert	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.2
Client Contact: Ms. Sue Scrocchi	Phone: (518) 248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 2 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304				
Phone: (716) 297-6150	PO #: 15-Dec			
Email: sscrocchi@craworld.com	WO #:			
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
Preservation Code:							A	N	N	N		
WS-7830-091913-BP-001	9/19/13	1105	G	Water			3	2	-	-	5	
WS-7830-091913-BP-002	"	1105	G	Water			3	2	-	-	5	
WS-7830-091913-BP-003		1330	G	Water			3	2	-	-	5	
WS 7830-091913-BP-004	↓	1445	G	Water			9	6	-	-	15	MS/MSD
TR.				Water								
				Water								
				Water								
				Water								
				Solid								
				Solid								
				Solid								

9/19/13

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/19/13 1630	CRA		9/19/13 17:35	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/19/13	TA		9-20-13 0200	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.4, 2.8 #1

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica

Client Information	Sampler: Brian Pickert	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.2
Client Contact: Ms. Sue Scrocchi	Phone: 518 248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 2 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:
Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:			
City: Niagara Falls	TAT Requested (days):			
State, Zip: NY, 14304				
Phone: 716 297-6150	PO #: 15-Dec			
Email: sscrocchi@craworld.com	WO #:			
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL VOCs plus TICS	Lloyd_Kahn_Mod - TOC											Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N												
WS-7830-092013-BP-005	9/20/13	0915	G	Water			3	2	-	-											5	Surface Water
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Solid																		
				Solid																		
				Solid																		

9/20/13

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 9/20/13 1520	Company: CRA INC.	Received by:	Date/Time: 9/20/13 15:20	Company: TA		
Relinquished by:	Date/Time: 9/20/13	Company: TA	Received by:	Date/Time: 9-21-13 0,30	Company: TAL		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1 #1

Page 20 of 21

9/30/2013

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica

Client Information	Sampler: BRIAN PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.3
Client Contact: Ms. Sue Scrocchi	Phone: 518 248 1970	E-Mail: john.schove@testamericainc.com		Page: Page 3 of 3
Company: Conestoga-Rovers & Associates, Inc.				Job #:

Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:	Analysis Requested
City: Niagara Falls	TAT Requested (days):	
State, Zip: NY, 14304		
Phone: 716 297-6150	PO #: 15-Dec	
Email: sscrocchi@craworld.com	WO #:	
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568	
Site: New York	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICs	8270C - SVOCs plus TICs	8260B - TCL VOCs plus TICs	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
SD-7830-092013-BP-005	9/20/13	0930	G	Solid			1	2			3	
				Solid								
SD-7830-092013-BP-005	9/20/13	0945	C	Solid				1		1	2	
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

9/20/13

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 9/20/13 1520	Company: CRA JN.	Received by:	Date/Time: 9/20/13 15:20	Company: TA
Relinquished by:	Date/Time: 9/20/13	Company: TA	Received by:	Date/Time: 9.21.13 0130	Company: TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1#1

TestAmerica Albany
25 Kraft Road
Albany, NY 12205

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: BRIAN PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-39686-10362.1
Client Contact: Ms. Sue Scrocchi	Phone: 518-248-1970	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: Conestoga-Rovers & Associates, Inc.				Job #:

Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:	Analysis Requested
City: Niagara Falls	TAT Requested (days):	
State, Zip: NY, 14304		
Phone: (716) 297-6150	PO #: 15-Dec	
Email: sscrocchi@craworld.com	WO #:	
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568	
Site: New York	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL VOCs plus TICS	8270C - SVOCs plus TICS	8260B - TCL list OLM04.2 + Adds + TIC's	Lloyd_Kahn_Mod - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	N		
WG-007830-092713-BP-001	9/27/13	1000	G	Water			3	2			5	Kathy Willy
WG-007830-092713-BP-002		1100	G	Water			3	2			5	CRA chemist
WG-007830-092713-BP-003		1130	G	Water			3	2			5	(o) 716-297-2160
WG-007830-092713-BP-004		1200	G	Water			3	2			5	(f) 716-297-2265
WG-007830-092713-BP-005		1230	G	Water			3	2			5	
WG-007830-092713-BP-006		1330	G	Water			3	2			5	
WG-007830-092713-BP-007		1330	G	Water			3	2			5	
				Water								
TRIP BLANKS	—			Water			2	-			2	
				Water								
				Water			37				37	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/27/13 1345	CRA		9-27-13 1345	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-27-13			9-27-13 0100	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2 C #1