March 29, 2018 Reference No. 007830-95-2017

Ms. Ruth Curley **Sent via email**
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York
U.S.A. 12233-7016

Dear Ms. Curley:

Re: Annual Monitoring Letter-Report
Sterling Drug Site 3 (Site Code #442011), East Greenbush, New York

On behalf of Eastman Kodak Company (Kodak), GHD Services Inc. (GHD) has prepared this letter-report for the Sterling Drug Site 3 (Site) on Riverside Avenue Extension (American Oil Road) in East Greenbush, Rensselaer County, New York. The Site location is presented on Figure 1. The Site is composed of two Operable Units. Operable Unit 1 (OU-1) consists of a fenced, inactive landfill, where an impermeable cover was constructed in 2012. Operable Unit 2 (OU-2) includes off-Site properties that have impacted groundwater related to historic operations of OU-1.

This letter-report presents the results of the Site inspections and groundwater and surface water monitoring event that were completed in 2017. The monitoring and inspection schedule is summarized in Table 1. The annual monitoring locations are presented in Table 2.

1. Inspection and Maintenance Activities

A landfill and site features inspection was conducted on June 22, 2017. The locations of the cover system, eastern creek bank, and perimeter fence are presented on Figure 2. The locations of the monitoring wells, gas probes, and gas vents are presented on Figure 3. All general Site features were in satisfactory condition.

Field measurements of methane, carbon dioxide, oxygen, pressure, and total organic vapor using a photoionization detector (PID) were collected at the Site gas probes and gas vents. The field measurements are summarized in Table 3 and Attachment A. The field measurements are consistent with historical field measurements. Methane readings were 0.0 percent at all 12 gas probe and gas vent locations. The field measurements indicate that the production of methane is not an issue at the Site.

A surface water and drainage features inspection was conducted on June 22, 2017. The general elevations and slopes of the landfill, and creek location are presented on Figure 2. The surface water and drainage features inspection form is presented in Attachment A. The Site surface water and drainage features were in good condition.

GHD
455 Phillip Street Waterloo Ontario N2L 3X2 Canada
T 519 884 0510 **F** 519 884 0525 **W** www.ghd.com

2. Monitoring

2.1 Groundwater Monitoring

2.1.1 Monitoring Well Inspection

Monitoring well network inspection was conducted in conjunction with the groundwater monitoring event in June 2017. The locations of the monitoring wells are presented on Figure 3. The inspection of the monitoring wells included the conditions of protective casings, protective caps and locks, concrete aprons, polyvinyl chloride (PVC) well caps, and visible portions of the well casings. Monitoring well conditions are noted on the well inspection summary table presented in Attachment A. All wells were noted to be in good condition with no repairs required at the time of inspection.

2.1.2 Groundwater Elevations

Groundwater elevation levels were measured in each monitoring well using an electric water level meter. Water level measurements are summarized in Table 4. Based on the measured groundwater elevations, groundwater contours were prepared and are presented on Figure 4. The Site groundwater elevations are influenced by daily tidal changes in the Hudson River that can cause significant variability in the measured groundwater elevations.

2.1.3 Groundwater Sampling

Groundwater samples were collected using Snap Samplers in June 2017 at the eight annual groundwater monitoring locations that are identified in the Site Management Plan (SMP). A summary of the monitoring locations and analyses is presented in Table 2. The groundwater samples were analyzed for volatile organic compounds (VOCs), VOC Tentatively Identified Compounds (TICs), semi-volatile organic compounds (SVOCs), and SVOC TICs.

2.1.4 Groundwater Data

The detected groundwater analytical data generated during this reporting period are summarized in the following tables:

- Table 5 – Summary of Detected Groundwater Analytical Results – Upgradient and Perimeter Monitoring Wells – June 2017
- Table 6 – Summary of Detected Groundwater Analytical Results – Plume Monitoring Wells – June 2017

The analytical data report is provided in Attachment B. A quality assurance/quality control (QA/QC) validation of the analytical data was completed. The data usability summary report (DUSR) is presented in Attachment C. All of the groundwater analytical results are summarized in tables that are presented in Attachment D. Field parameter measurements are presented in Table 7. The groundwater data was provided as an electronic data deliverable format (EDD) in a separate submission. Detected groundwater

results by from 2013 to 2017 for monitored locations in 2017 are presented on Figure 5. Ethyl ether concentrations versus time are presented on the charts in Attachment E.

2.2 Surface Water Monitoring

2.2.1 Surface Water Sampling

Surface water samples were collected in June 2017 at the two locations that are identified in the SMP. The surface water samples were analyzed for VOCs, VOC TICs, SVOCs, and SVOC TICs.

2.2.2 Surface Water Data

The detected surface water analytical data generated during this reporting period are summarized in Table 8. The analytical data report is provided in Attachment B. A QA/QC validation of the analytical data was completed. The DUSR is presented in Attachment C. All of the surface water results are summarized in a table in Attachment D. Detected surface water results from 2013 to 2017 for monitored locations in 2017 are presented on Figure 6.

3. Summary

The annual inspection and monitoring activities performed during this reporting period found that:

- Monitoring wells at the Site are in good condition.
- Cover system and drainage system at the Site are in good condition.
- Field measurements at the gas probes and gas vents did not indicate any issues of concern.
- Concentrations of VOCs, VOC TICs, SVOCs, and SVOC TICs in the upgradient and perimeter monitoring wells were either non-detect or below Standards, Criteria and Guidance (SCG) groundwater standards, indicating that the plume is relatively stable.
- Concentrations of ethyl ether and an SVOC TIC exceeded SCGs in one or more plume monitoring wells.
- Concentrations of VOCs, VOC TICs, SVOCs, and SVOC TICs in the surface water samples were either non-detect or below SCG surface water standards.

The next monitoring event is the biennial event in Fall 2018. The next biennial Periodic Review Report is scheduled for submittal in 2019.

Should you have any questions regarding this information, please feel free to contact Mr. Bryan Gallagher at (585) 588-7483 or the undersigned at (519) 884-0510.

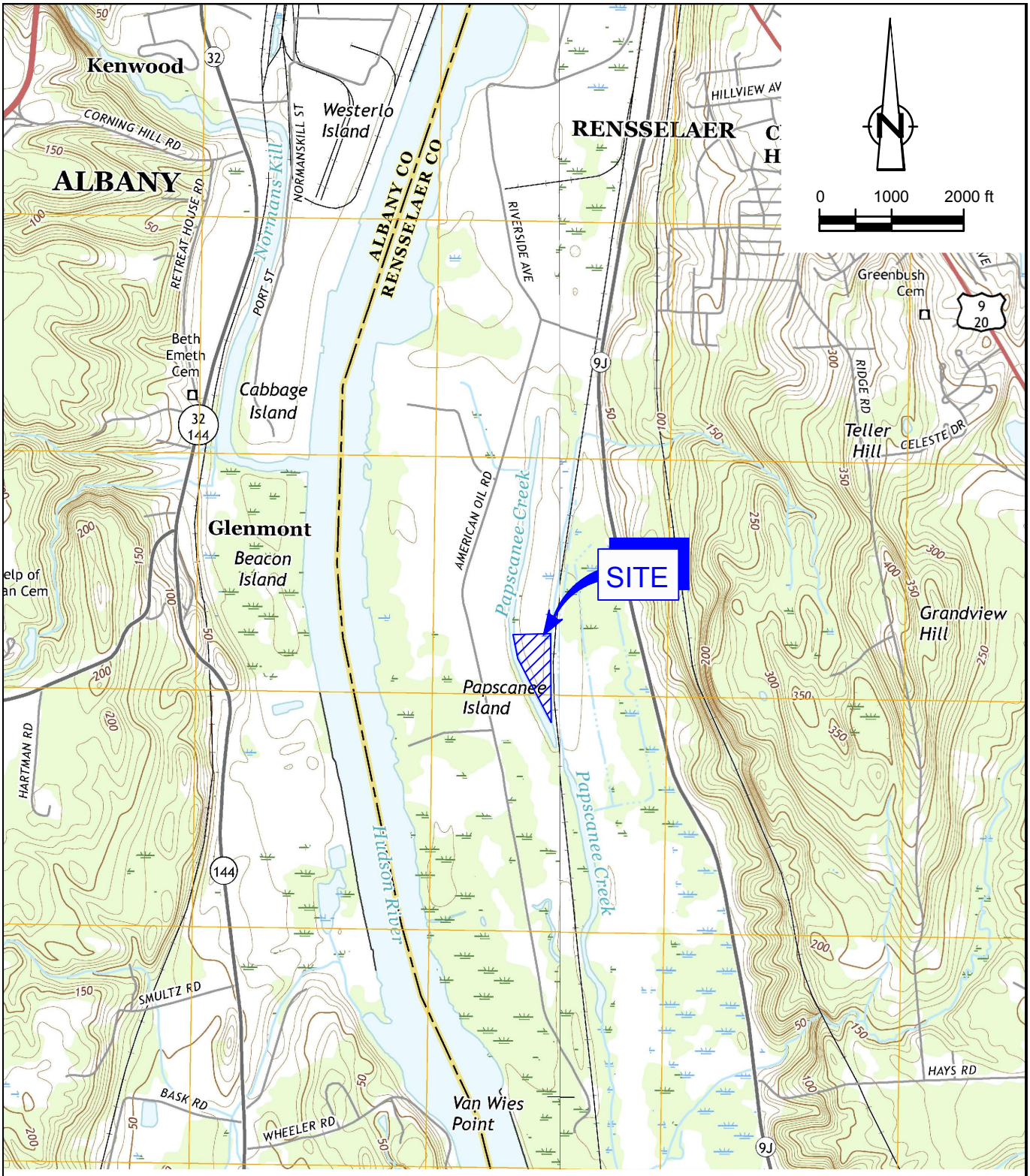
Yours truly,

GHD

Michael A. Okamoto

MO/wg/35

cc: M. Komoroske – NYSDEC Division of Environmental Remediation (via e-mail only)
R. Mustico – NYSDEC Division of Environmental Remediation (via e-mail only)
B. Gallagher – Kodak (via e-mail only)
R. Snyder – GHD (via e-mail only)



SOURCE:
USGS TOPOGRAPHIC MAP QUADRANGLES;
DELMAR AND EAST GREENBUSH, N.Y., 2016.

figure 1

SITE LOCATION
ANNUAL REPORT
STERLING DRUG SITE 3
East Greenbush, New York

0 50 100ft

BM
USGS DISK E64
ELEV. = 9.68

N/F STATE OF NEW YORK (PAPSCANEE CREEK)

LANDS OF NIAGARA MOHAWK POWER CORP.

N/F
JOSEPH BUONO

N/F CSX
(FORMERLY CONSOLIDATED RAIL CORPORATION)

EDGE OF WATER

20' WIDE GATE

ASPHALT PAD

LEGEND

- EXISTING GROUND ELEVATION CONTOUR
- EXISTING PROPERTY BOUNDARY
- EXISTING RAILROAD TRACKS
- EXISTING SITE ACCESS ROAD
- EXISTING EDGE OF WATER
- EXISTING EASEMENT
- EXISTING MONITORING WELL
- PRE-GRADE ELEVATION CONTOUR
- LIMIT OF IMPERMEABLE COVER
- PERIMETER FENCE

figure 2

SITE LAYOUT
ANNUAL REPORT
STERLING DRUG SITE 3
East Greenbush, New York

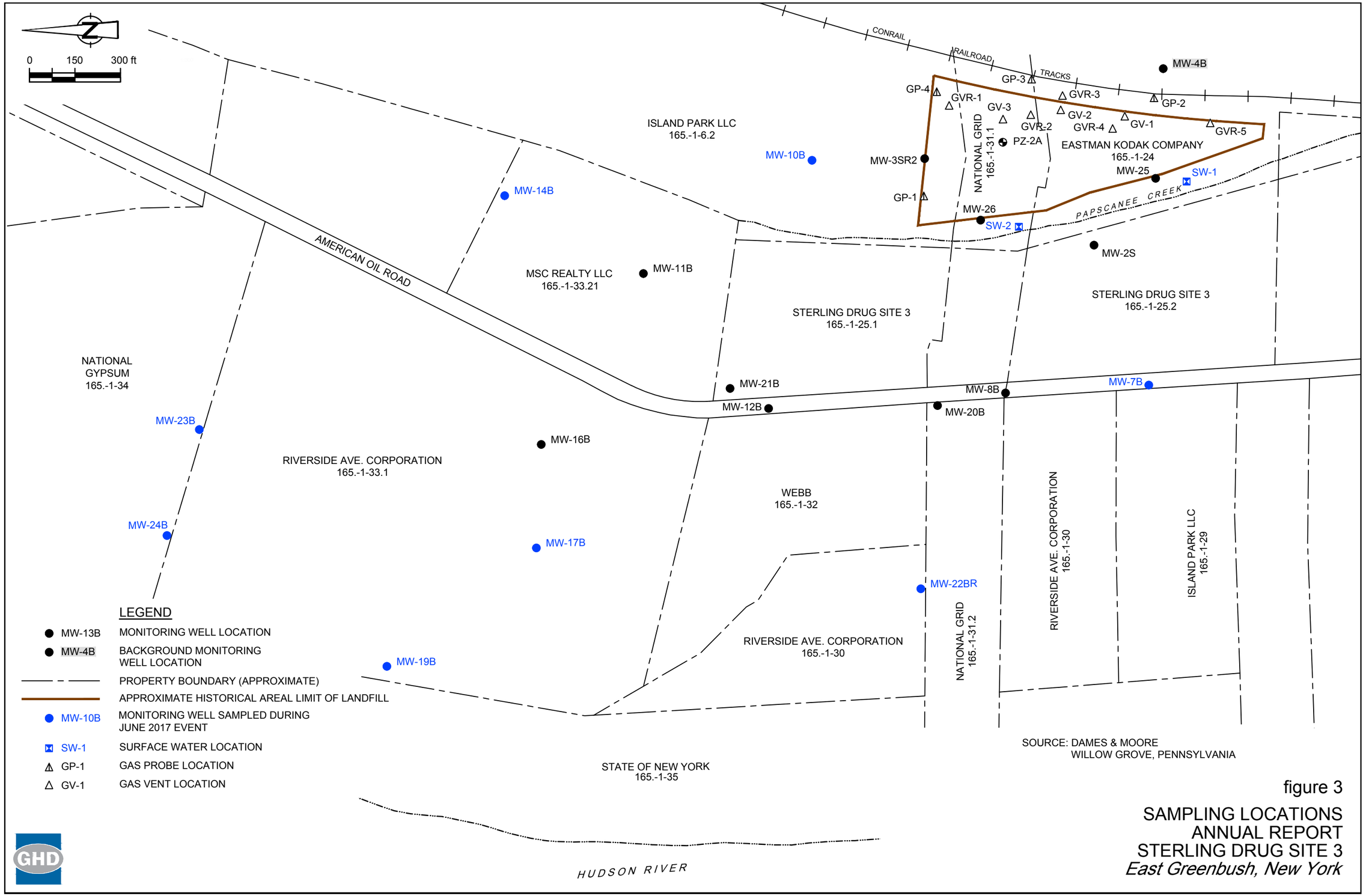


figure 3

SAMPLING LOCATIONS
ANNUAL REPORT
STERLING DRUG SITE 3
East Greenbush, New York

07830-95(CURL035)GN-WA003 MAR 27, 2018

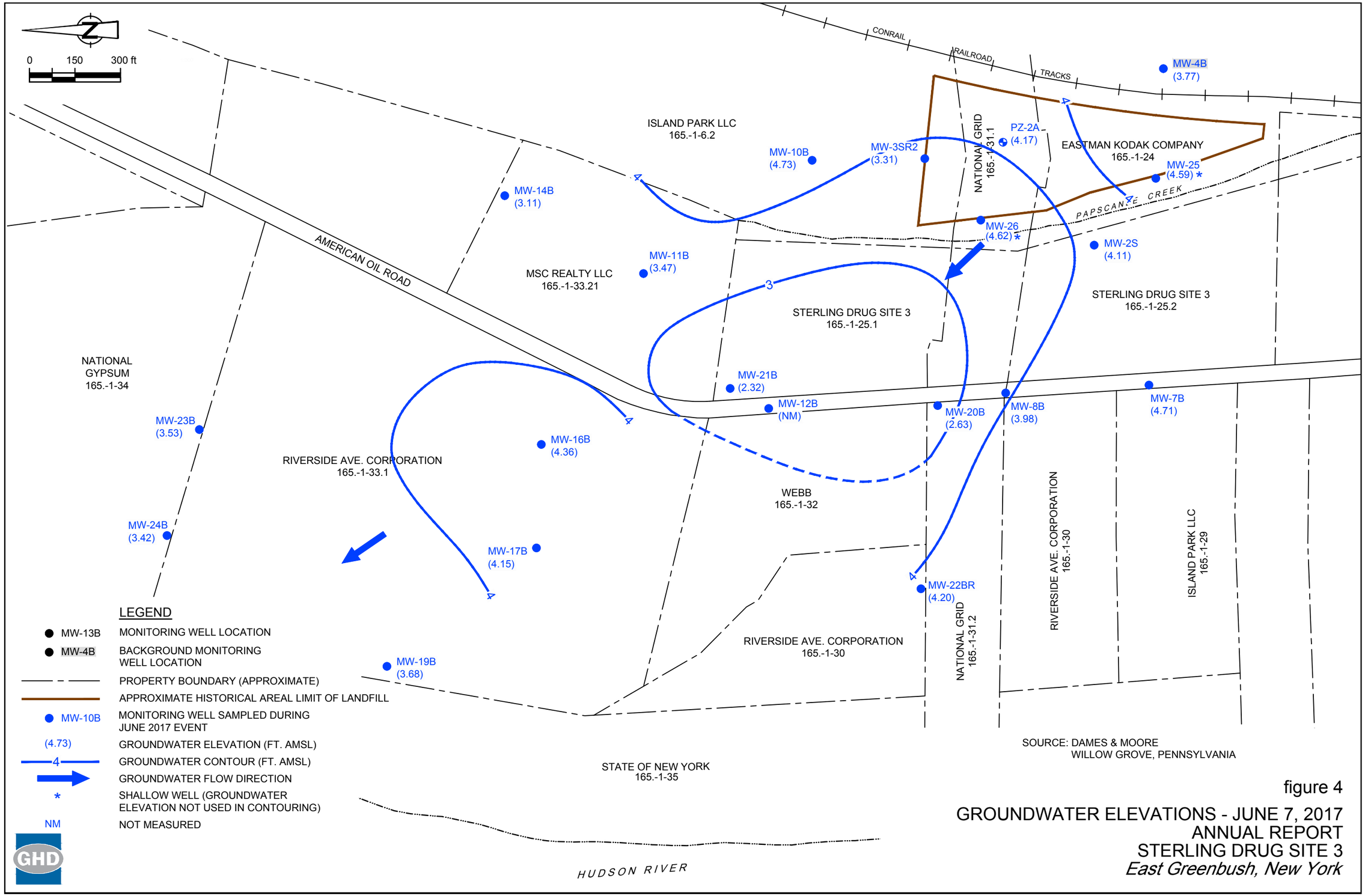
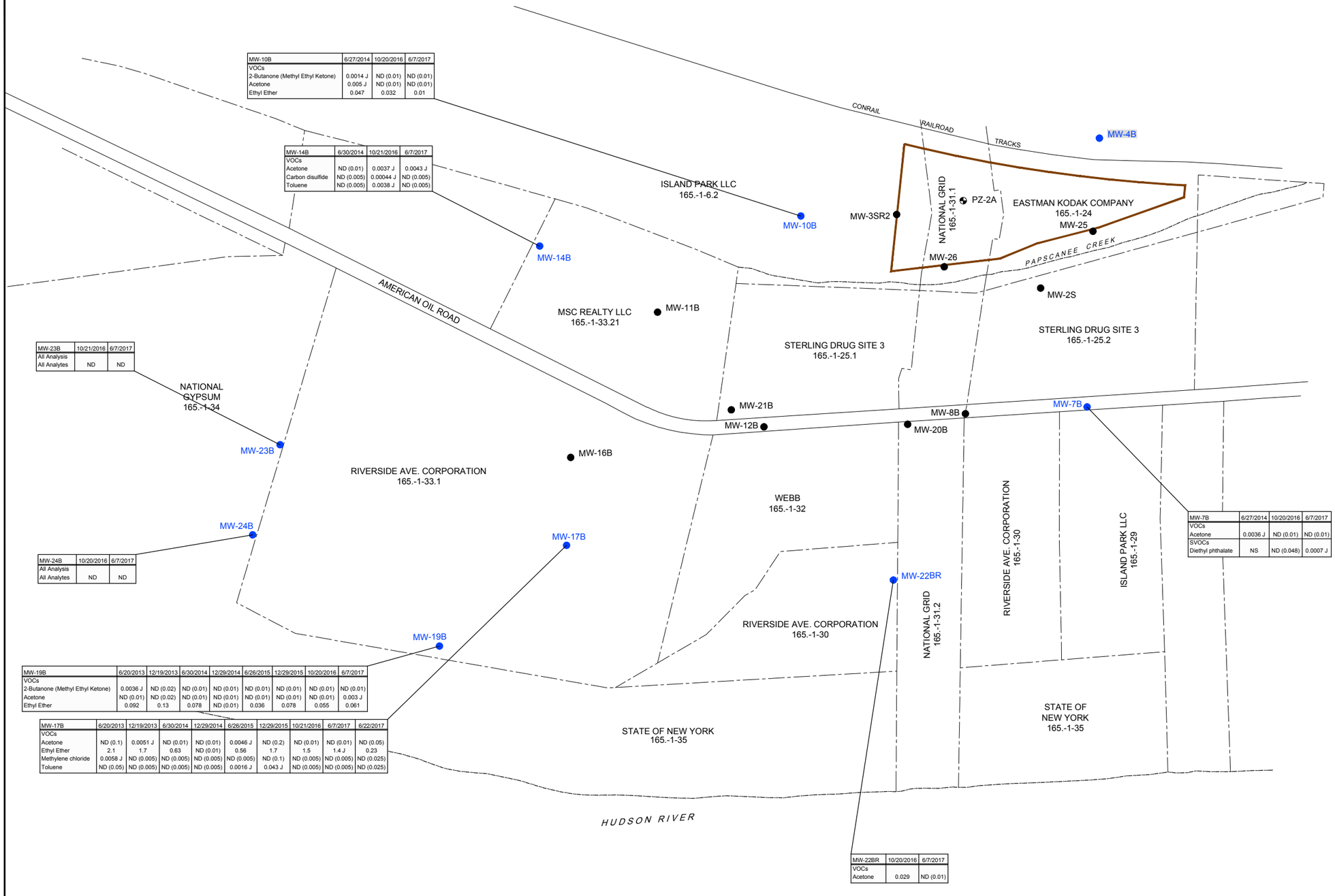


figure 4

GROUNDWATER ELEVATIONS - JUNE 7, 2017
ANNUAL REPORT
STERLING DRUG SITE 3
East Greenbush, New York



MW-10B	6/27/2014	10/20/2016	6/7/2017
VOCs			
2-Butanone (Methyl Ethyl Ketone)	0.0014 J	ND (0.01)	ND (0.01)
Acetone	0.005 J	ND (0.01)	ND (0.01)
Ethyl Ether	0.047	0.032	0.01

MW-14B	6/30/2014	10/21/2016	6/7/2017
VOCs			
Acetone	ND (0.01)	0.0037 J	0.0043 J
Carbon disulfide	ND (0.005)	0.00044 J	ND (0.005)
Toluene	ND (0.005)	0.0038 J	ND (0.005)

MW-23B	10/21/2016	6/7/2017
All Analysis		
All Analytes	ND	ND

MW-24B	10/20/2016	6/7/2017
All Analysis		
All Analytes	ND	ND

MW-19B	6/20/2013	12/19/2013	6/30/2014	12/29/2014	6/26/2015	12/29/2015	10/20/2016	6/7/2017
VOCs								
2-Butanone (Methyl Ethyl Ketone)	0.0036 J	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	ND (0.01)	ND (0.02)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	0.003 J
Ethyl Ether	0.092	0.13	0.078	ND (0.01)	0.036	0.078	0.055	0.061

MW-17B	6/20/2013	12/19/2013	6/30/2014	12/29/2014	6/26/2015	12/29/2015	10/21/2016	6/7/2017	6/22/2017
VOCs									
Acetone	ND (0.1)	0.0051 J	ND (0.01)	ND (0.01)	0.0046 J	ND (0.2)	ND (0.01)	ND (0.01)	ND (0.05)
Ethyl Ether	2.1	1.7	0.63	ND (0.01)	0.56	1.7	1.5	1.4 J	0.23
Methylene chloride	0.0058 J	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.1)	ND (0.005)	ND (0.005)	ND (0.025)
Toluene	ND (0.05)	ND (0.005)	ND (0.005)	ND (0.005)	0.0016 J	0.043 J	ND (0.005)	ND (0.005)	ND (0.025)

MW-7B	6/27/2014	10/20/2016	6/7/2017
VOCs			
Acetone	0.0036 J	ND (0.01)	ND (0.01)
SVOCs			
Diethyl phthalate	NS	ND (0.048)	0.0007 J

MW-22BR	10/20/2016	6/7/2017
VOCs		
Acetone	0.029	ND (0.01)

0 100 200ft

LEGEND

- MW-13B — MONITORING WELL LOCATION
- MW-4B — BACKGROUND MONITORING WELL LOCATION
- PROPERTY BOUNDARY (APPROXIMATE)
- APPROXIMATE HISTORICAL AREAL LIMIT OF LANDFILL
- MW-10B — MONITORING WELL SAMPLED DURING JUNE 2017 EVENT

MW-7B	6/7/2017	← SAMPLE LOCATION / SAMPLE DATE
VOCs		
Acetone	ND (0.01)	← RESULT (mg/L)
SVOCs		
Diethyl phthalate	0.0007 J	← PARAMETER

J ESTIMATED

ND NOT DETECTED AT ASSOCIATED REPORTING LIMIT

NS NOT SAMPLED

SOURCE: DAMES & MOORE
WILLOW GROVE, PENNSYLVANIA
AERIAL: 2011, USDA NAIP, 1m RESOLUTION.

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

STERLING DRUG SITE 3
EAST GREENBUSH, NEW YORK

ANNUAL REPORT

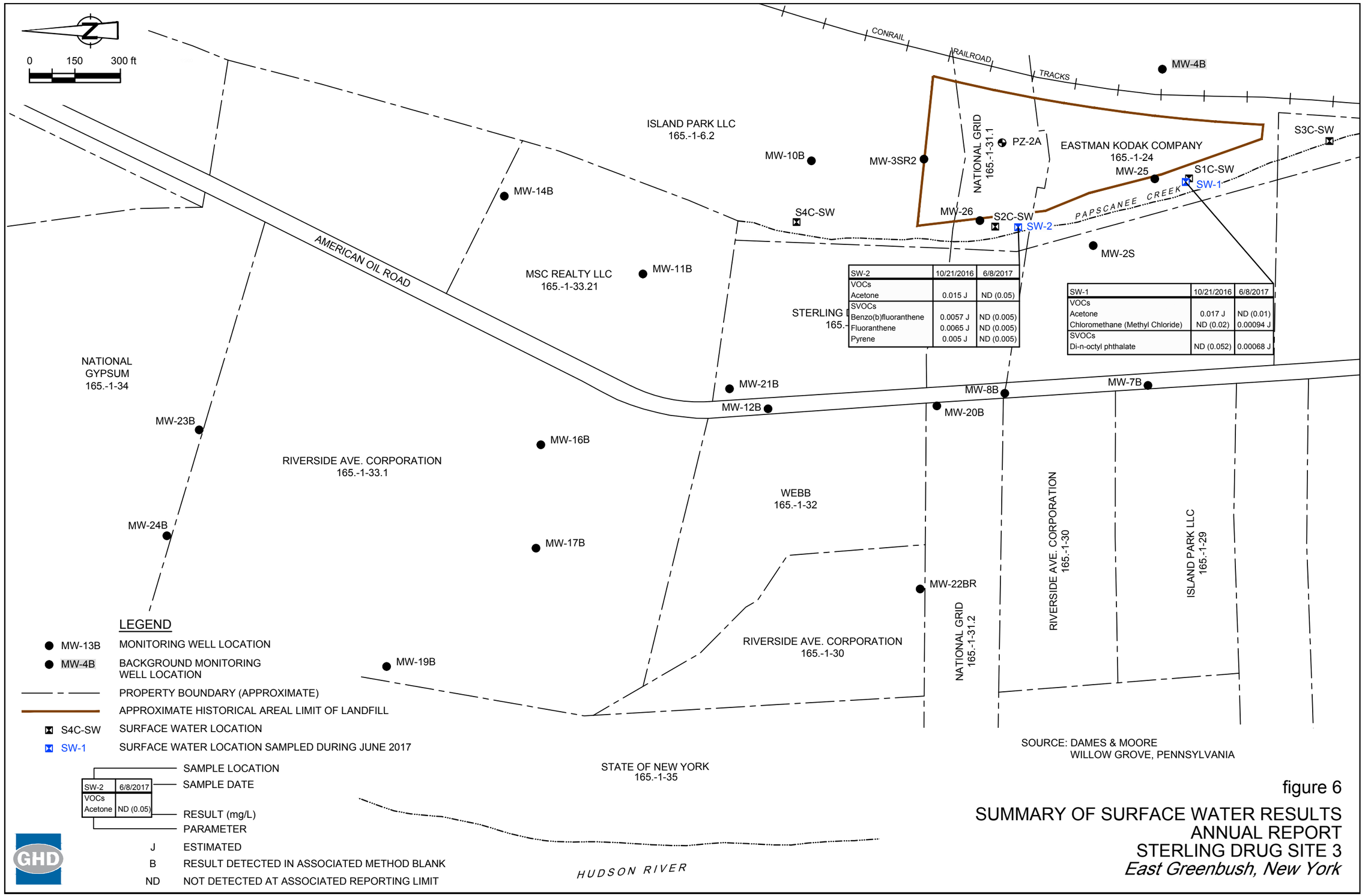
SUMMARY OF GROUNDWATER RESULTS

GHD

Source Reference:

Project Manager:	Reviewed By:	Date: MARCH 2018	
Scale: 1:200	Project №: 07830-95	Report №: CURL035	Drawing №: figure 5

07830-95(CURL035)GN-WA005 MAR 27, 2018



SW-2	10/21/2016	6/8/2017
VOCs		
Acetone	0.015 J	ND (0.05)
SVOCs		
Benzo(b)fluoranthene	0.0057 J	ND (0.005)
Fluoranthene	0.0065 J	ND (0.005)
Pyrene	0.005 J	ND (0.005)

SW-1	10/21/2016	6/8/2017
VOCs		
Acetone	0.017 J	ND (0.01)
Chloromethane (Methyl Chloride)	ND (0.02)	0.00094 J
SVOCs		
Di-n-octyl phthalate	ND (0.052)	0.00068 J

SOURCE: DAMES & MOORE
WILLOW GROVE, PENNSYLVANIA

figure 6

SUMMARY OF SURFACE WATER RESULTS
ANNUAL REPORT
STERLING DRUG SITE 3
East Greenbush, New York

07830-95(CURL035)GN-WA006 MAR 27, 2018

Table 1

Monitoring and Inspection Schedule
Sterling Drug Site 3
East Greenbush, New York

Monitoring/Inspection	Operable Unit	2017 Frequency*	Media	2017 Locations	Analyses / Measurements
Site Inspection (impermeable cover, creek banks, surface water drainage, access road, fencing)	OU-1	Annually	Not Applicable	Site-wide	Not Applicable
Site Inspection (monitoring network integrity)	OU-1, OU-2	Annually	Not Applicable	20	Not Applicable
Site Inspection (gas vents and gas probes)	OU-1	Annually	Landfill Gas	12	CH_4, CO_2, O_2, PID reading, pressure
Groundwater Monitoring	OU-1, OU-2	Annual**	Groundwater	8	VOCs + TICs, SVOCs + TICs
Surface Water Monitoring	Adjacent to OU-1	Annually	Surface Water	2	VOCs + TICs, SVOCs + TICs

Notes:

*	Frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH.
**	Includes annual monitoring well locations.
OU-1	Operable Unit 1.
OU-2	Operable Unit 2.
VOCs	Volatile Organic Compounds including ethyl ether.
SVOCs	Semi-volatile Organic Compounds.
TICs	Tentatively Identified Compounds.

Table 2

Summary of Monitoring Locations and Analytes
Sterling Drug Site 3
East Greenbush, New York

Location	Analyses		Sampling Frequency [5]	Hydraulic Monitoring Frequency [5]
	VOCs + TICs [1][2]	SVOCs + TICs [3][4]		
MW-7B	X	X	Annual	Annual
MW-10B	X	X	Annual	Annual
MW-14B	X	X	Annual	Annual
MW-17B	X	X	Annual	Annual
MW-19B	X	X	Annual	Annual
MW-22BR	X	X	Annual	Annual
MW-23B	X	X	Annual	Annual
MW-24B	X	X	Annual	Annual
SW-1	X	X	Annual	--
SW-2	X	X	Annual	--
MW-2S	X	X	Biennial	Annual
MW-3SR2	X	X	Biennial	Annual
MW-4B	X	X	Biennial	Annual
MW-8B	X	X	Biennial	Annual
MW-11B	X	X	Biennial	Annual
MW-12B	X	X	Biennial	Annual
MW-16B	X	X	Biennial	Annual
MW-20B	X	X	Biennial	Annual
MW-21B	X	X	Biennial	Annual
PZ-2A	X	X	Biennial	Annual
MW-25	X	X	Biennial	Annual
MW-26	X	X	Biennial	Annual

Notes:

(1) VOCs + TICs = Volatile Organic Compounds + Tentatively Identified Compounds.
(2) Includes the Site-specific compound (ethyl ether).
(3) SVOCs + TICs = Semi-Volatile Organic Compounds + Tentatively Identified Compounds.
(4) Includes Pharmaceutical parameters.
(5) Annual monitoring events will rotate between spring and fall from year to year.
NYSDEC New York State Department of Environmental Conservation.

Table 3

Summary of Gas Probe and Gas Vent Field Parameter Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

	Methane CH_4 %	Carbon Dioxide CO_2 %	Oxygen O_2 %	PID Reading (total organic vapors) ppm	Pressure inches H_2O
Location:					
GP-1	0.0	0.0	20.8	0.0	0.0
GP-2	0.0	0.0	20.8	0.0	0.0
GP-3	0.0	0.3	20.7	0.3	0.0
GP-4	0.0	0.0	20.8	0.2	0.0
GV-1	0.0	0.0	20.8	0.0	0.0
GV-2	0.0	0.0	20.8	0.0	0.0
GV-3	0.0	0.0	20.7	0.1	0.0
GVR-1	0.0	0.0	20.7	0.1	0.0
GVR-2	0.0	0.0	20.6	0.0	0.0
GVR-3	0.0	0.4	20.5	0.1	0.0
GVR-4	0.0	0.0	20.6	0.2	0.0
GVR-5	0.0	0.0	20.7	0.0	0.0

Note:

Field measurements collected on October 28, 2016

Table 4

Groundwater Elevation Data - June 2017
Sterling Drug Site 3
East Greenbush, New York

Location	Top of Riser Elevation (ft. AMSL)	Depth to Groundwater (ft.)	Groundwater Elevation 6/7/17 (ft. AMSL)
MW-2S	12.81	8.70	4.11
MW-3SR2	10.21	6.90	3.31
MW-4B	10.44	6.67	3.77
MW-7B	9.95	5.24	4.71
MW-8B	11.42	7.44	3.98
MW-10B	8.56	3.83	4.73
MW-11B	21.24	17.77	3.47
MW-12B	12.34	NM	NM
MW-14B	10.94	7.83	3.11
MW-16B	12.71	8.35	4.36
MW-17B	12.42	8.27	4.15
MW-19B	14.53	10.85	3.68
MW-20B	10.18	7.55	2.63
MW-21B	10.69	8.37	2.32
MW-22BR	9.95	5.75	4.20
MW-23B	11.00	7.47	3.53
MW-24B	13.25	9.83	3.42
MW-25	7.30	2.71	4.59
MW-26	7.61	2.99	4.62
PZ-2A	19.72	15.55	4.17

Notes:

NM - Not Measured

Table 5

Summary of Detected Groundwater Analytical Results - Perimeter Monitoring Wells - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:			MW-7B	MW-10B	MW-14B	MW-22BR	MW-23B	MW-24B
Sample ID:			WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-005	WG-007830-060717-BP-003	WG-007830-060717-BP-004
Sample Date:			6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
			Perimeter	Perimeter	Perimeter	Perimeter	Perimeter	Perimeter
Parameters	**Units**	**Criteria**						
Volatile Organic Compounds								
Acetone	mg/L	0.05	ND (0.01)	ND (0.01)	0.0043 J	ND (0.01)	ND (0.01)	ND (0.01)
Ethyl Ether	mg/L	0.05	ND (0.01)	0.01	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
TIC Volatile Organic Compounds								
Tetrahydrofuran A	mg/L	0.05	0.007 TJN	-	-	-	-	-
Unknown 1	mg/L	NC	0.0032 TJ	-	0.0031 TJ	-	0.0028 TJ	-
Unknown 2	mg/L	NC	0.0056 TJ	-	0.0045 TJ	-	-	-
Semi-Volatile Organic Compounds								
Diethyl phthalate	mg/L	0.05	0.0007 J	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
TIC Semi-Volatile Organic Compounds								
2-Tridecanone A	mg/L	0.05	-	-	0.0047 TJN	-	-	-
Benzene, 1,3-diemthyl- A	mg/L	0.05	-	-	-	0.0017 TJN	-	0.0022 TJN
Cyclobarbitol A	mg/L	0.05	-	-	-	0.0029 TJN	-	-
Cyclohexasiloxane, dodecamethyl- A	mg/L	0.05	0.0018 TJN	-	0.0016 TJN	-	0.0017 TJN	0.0031 TJN
Cyclopentasiloxane, decamethyl- A	mg/L	0.05	0.0027 TJN	-	0.0031 TJN	0.0028 TJN	0.003 TJN	0.0054 TJN
Cyclotetrasiloxane, octamethyl- A	mg/L	0.05	-	-	0.0041 TJN	-	0.0041 TJN	0.0057 TJN
Dodecanal A	mg/L	0.05	-	-	-	-	-	0.0021 TJN
Hexobarbital A	mg/L	0.05	0.0085 TJN	-	-	-	-	-
Mephobarbital A	mg/L	0.05	0.015 TJN	-	-	-	-	-
Phenobarbital A	mg/L	0.05	0.035 TJN	-	-	0.0034 TJN	-	-
p-Xylene A	mg/L	0.005	-	-	-	-	0.002 TJN	-
Talbutal A	mg/L	0.05	0.025 TJN	-	-	0.0033 TJN	-	-
Undecane A	mg/L	0.05	-	-	0.011 TJN	-	-	-
Unknown 1	mg/L	NC	0.0045 TJ	0.017 TJ	0.015 TJ	0.014 TJ	0.014 TJ	0.008 TJ
Unknown 2	mg/L	NC	0.013 TJ	0.0028 TJ	-	-	-	-
Unknown 3	mg/L	NC	0.0022 TJ	-	-	-	-	-
Unknown 4	mg/L	NC	0.0017 TJ	-	-	-	-	-
Unknown 5	mg/L	NC	0.014 TJ	-	-	-	-	-

Notes:

J	Estimated concentration.
ND	Not detected at the associated reporting limit.
TJ	Estimated TIC.
TJN	Estimated TIC.
-	Not applicable.
	Exceeds criterion.
NC	No criterion.
	TIC criteria are assumed to be UOC unless there are other specific criterion.
	No criteria are applied to unknown TICs.

Table 6

Summary of Detected Groundwater Analytical Results - Plume Monitoring Wells - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:			**MW-17B**	**MW-17B**	**MW-19B**
Sample ID:			**WG-007830-060717-BP-002**	**WG-007830-062217-BP-011**	**WG-007830-060717-BP-001**
Sample Date:			**6/7/2017**	**6/22/2017**	**6/7/2017**
			Plume	**Plume**	**Plume**
Parameters	**Units**	**Criteria**			
Volatile Organic Compounds					
Acetone	mg/L	0.05	ND (0.01)	ND (0.05)	0.003 J
Ethyl Ether	mg/L	0.05	**1.4 J**	**0.23**	**0.061**
TIC Volatile Organic Compounds					
Chlorodifluoromethane A	mg/L	0.05	0.0042 TJN	-	-
TIC Semi-Volatile Organic Compounds					
3-ol-Cholestan A	mg/L	0.05	**0.063 TJN**	-	-
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	mg/L	0.05	0.045 TJN	-	-
Benzene, 1,3-diemthyl- A	mg/L	0.05	-	-	0.0029 TJN
Chloroiodomethane A	mg/L	0.05	-	0.038 TJN	-
Cholestan-3-one A	mg/L	0.05	0.012 TJN	-	-
Cyclobarbitol A	mg/L	0.05	-	-	0.0042 TJN
Cyclopentasiloxane, decamethyl- A	mg/L	0.05	-	-	0.0032 TJN
Hexobarbital A	mg/L	0.05	0.012 TJN	-	0.0027 TJN
Mephobarbital A	mg/L	0.05	0.035 TJN	-	0.012 TJN
Noramidopyrine A	mg/L	0.05	0.019 TJN	-	-
Phenobarbital A	mg/L	0.05	0.05 TJN	0.028 TJN	0.011 TJN
Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phenyl- A	mg/L	0.05	-	-	0.0024 TJN
Talbutal A	mg/L	0.05	0.031 TJN	-	0.0071 TJN
Toluene A	mg/L	0.005	-	-	0.0033 TJN
Triethylamine A	mg/L	0.05	-	-	0.025 TJN
Unknown 1	mg/L	NC	0.014 TJ	0.058 TJ	0.002 TJ
Unknown 2	mg/L	NC	0.024 TJ	0.019 TJ	0.03 TJ
Unknown 3	mg/L	NC	0.0084 TJ	-	0.0017 TJ
Unknown 4	mg/L	NC	-	-	0.002 TJ

Notes:

J	Estimated concentration.
ND	Not detected at the associated reporting limit.
TJ	Estimated TIC.
TJN	Estimated TIC.
U	Not detected at the associated reporting limit.
-	Not applicable.
	Exceeds criterion.
NC	No criterion.
	TIC criteria are assumed to be UOC unless there are other specific criterion.
	No criteria are applied to unknown TICs.

Table 7

Summary of Groundwater Field Parameter Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		**MW-7B**	**MW-10B**	**MW-14B**	**MW-17B**	**MW-19B**	**MW-22BR**	**MW-23B**	**MW-24B**
Sample Date:		**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**
Parameters	**Units**								
Field Parameters									
Conductivity Field	mS/cm	1.030	0.991	1.220	1.010	0.612	1.010	1.310	1.070
Dissolved Oxygen, Field	mg/L	1.20	1.07	1.03	1.90	1.41	1.90	2.09	1.41
ORP, Field	millivolts	-57	-33	-59	-15	-30	-20	-35	-22
pH Field	s.u.	7.10	6.79	7.01	7.04	6.71	7.04	7.07	7.19
Temperature	deg C	16.7	16.0	16.3	16.8	16.9	16.6	16.8	17.1
Turbidity	NTU	17	24	27	24	20	10	14	13

Summary of Detected Surface Water Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:			**SW-1**	**SW-2**
Sample ID:			**WG-007830-060817-BP-009**	**WG-007830-060817-BP-010**
Sample Date:			**6/8/2017**	**6/8/2017**
Parameters	**Units**	**Criteria**		
Volatile Organic Compounds				
Chloromethane (Methyl Chloride)	mg/L	NC	0.00094 J	ND (0.05)
Semi-Volatile Organic Compounds				
Di-n-octyl phthalate	mg/L	NC	0.00068 J	ND (0.005)
TIC Semi-Volatile Organic Compounds				
Benzene, 1,3-diemthyl- A	mg/L	NC	-	0.0016 TJN
Cyclopentasiloxane, decamethyl- A	mg/L	NC	0.0029 TJN	0.0027 TJN
Unknown 1	mg/L	NC	0.016 TJ	0.017 TJ
Unknown 2	mg/L	NC	0.0025 TJ	-
Unknown 3	mg/L	NC	0.0021 TJ	-

Notes:

J	Estimated concentration.
ND	Not detected at the associated reporting limit.
TJ	Estimated TIC.
TJN	Estimated TIC.
-	Not applicable.
	Exceeds criterion.
NC	No criterion.
	Results compared to Class C Surface Water criteria.
	No criteria are applied to unknown TICs.

Attachment A
Inspection Forms

B PICKERT

TEMPERATURE: 70°F
WEATHER: cloudy

INSPECTED BY:
DATE OF INSPECTION: 06/22/17

ITEM	TYPES OF PROBLEMS	CHECKED		DETAILED ACTIONS REQUIRED	DATE AND NATURE OF ACTIONS COMPLETED
		NO PROBLEMS	CORRECTIVE ACTION REQUIRED		
SITE COVER: LANDFILL CAP	- VEGETATIVE COVER (MOWING/FERTILIZING)	✓			
	- PRESENCE OF DEEP ROOTED VEGETATION OR BURROWING MAMMALS	✓			
	- EROSION CONTROL (IF REQUIRED)	✓			
	- LOCALIZED SETTLEMENT/SLUMPING	✓			
	- PONDING OF WATER/DRAINAGE	✓			
	- SEEPAGE	✓			
PAPSCANEE CREEK BANKS	- BIOENGINEERED VEGETATION	✓			
	- SLOPE FAILURE	✓			
	- EROSION CONTROL (IF NECESSARY)	✓			
	- SEEPAGE	✓			
	- OUTFALL STRUCTURE	✓			
MONITORING WELLS	- CASING/LOCK CONDITION	✓			locks all present
	- CORROSION OR STRUCTURAL DAMAGE	✓			
GAS PROBES	- CASING/LOCK CONDITION	✓			
	- SURROUNDING GRASS	✓			
GAS VENTS	- CORROSION OR STRUCTURAL DAMAGE	✓			
	- SCREEN INTACT	✓			
SECURITY: PERIMETER FENCE	- CORROSION OR STRUCTURAL DAMAGE TO SUPPORT POSTS AND FENCE FABRIC	✓			
GATES AND LOCKS	- CORROSION DAMAGE TO GATE HINGES AND FABRIC	✓			
	- LOCKS STICKING OR CORRODING	✓			replaced gate lock
	- CORROSION, VISIBILITY, DAMAGE	✓			
	- MISSING	✓			

LANDFILL AND SITE FEATURES INSPECTION LOG
STERLING SITE 3
East Greenbush, New York

FIELD MEASUREMENTS - GAS PROBES AND GAS VENTS
STERLING SITE 3, OPERABLE UNIT1
EAST GREENBUSH, NEW YORK

06/22/2017

Location	CH_4 (%)	CO_2 (%)	O_2 (%)	PID (ppm)	Pressure (in. H_2O)	Location
GP-1	0.0	0.0	20.8	0.0	0.0	GP-1
GP-2	0.0	0.0	20.8	0.0	0.0	GP-2
GP-3	0.0	0.3	20.7	0.3	0.0	GP-3
GP-4	0.0	0.0	20.8	0.2	0.0	GP-4
GV-1	0.0	0.0	20.8	0.0	0.0	GV-1
GV-2	0.0	0.0	20.8	0.0	0.0	GV-2
GV-3	0.0	0.0	20.7	0.1	0.0	GV-3
GVR-1	0.0	0.0	20.7	0.1	0.0	GVR-1
GVR-2	0.0	0.0	20.6	0.0	0.0	GVR-2
GVR-3	0.0	0.4	20.5	0.1	0.0	GVR-3
GVR-4	0.0	0.0	20.6	0.2	0.0	GVR-4
GVR-5	0.0	0.0	20.7	0.0	0.0	GVR-5

Date of Inspection: 06/22/17 Name of Inspector: B. PICKERT

Time of Inspection: 1000 Weather Conditions: Cloudy 70°F

	No Problem	Action Req'd	Detail Actions Required	Date and Nature of Actions Completed
East Drainage Swale				
Sediment Buildup/Depth	☑	☐		
Riprap	☑	☐		
Erosion	☑	☐		
Settlement	☑	☐		
Drainage	☑	☐		
North Drainage Swale				
Sediment Buildup/Depth	☑	☐		
Riprap	☑	☐		
Erosion	☑	☐		
Settlement	☑	☐		
Drainage	☑	☐		
Culvert	☑	☐		
West Drainage Swale				
Sediment Buildup/Depth	☑	☐		
Riprap	☑	☐		
Erosion	☑	☐		
Settlement	☑	☐		
Drainage	☑	☐		
Culvert	☑	☐		
Papascanee Creek				
Sediment Buildup/Depth	☑	☐		
Riprap	☑	☐		
Erosion	☑	☐		
Settlement	☑	☐		
Drainage	☑	☐		

General Comments: All ok

SURFACE WATER/DRAINAGE FEATURES INSPECTION REPORT
STERLING SITE 3
East Greenbush, New York

Table 1

Well Inspection Summary
June 7, 2017
Sterling Drug Site 3
East Greenbush, New York

Well Number	*Protective Casing*	*Protective Cap/Lock*	*PVC Casing*	*PVC Cap*	*Concrete Apron*	*Observations and Recommendations*
MW-2S	T	Y/Y	T	Y	CS	
MW-3SR2	T	Y/Y	T	Y	SC	
MW-4B	T	Y/Y	T	Y	CS	
MW-7B	T	Y/Y	T	Y	CS	
MW-8B	T	Y/Y	T	Y	SC	
MW-10B	T	Y/Y	T	Y	SC	
MW-11B	T	Y/Y	T	Y	SC	
MW-12B	T	Y/Y	T	Y	SC	
MW-14B	T	Y/Y	T	Y	SC	
MW-16B	T	Y/Y	T	Y	SC	
MW-17B	T	Y/Y	T	Y	CS	
MW-19B	T	Y/Y	T	Y	SC	
MW-20B	T	Y/Y	T	Y	SC	
MW-21B	T	Y/Y	T	Y	SC	
MW-22BR	T	Y/Y	T	Y	SC	
MW-23B	T	Y/Y	T	Y	SC	
MW-24B	T	Y/Y	T	Y	SC	
MW-25	T	Y/Y	T	Y	SC	
MW-26	T	Y/Y	T	Y	SC	
PZ-2A	T	Y/Y	T	Y	SC	

Notes:

SC - Satisfactory condition	F - Frozen	E - Eroded beneath
T - Tight	W- Weathered	CS - Covered with soil
L - Loose	B - Broken	X - Damaged
Unk- Unknown	N - No or none	Y - Yes

Attachment B
Analytical Data Report

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: 480-119294-1
TestAmerica Sample Delivery Group: 480-119294-1
Client Project/Site: Sterling Site #3
Sampling Event: S/A GW Monitoring Site#3

For:
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Attn: Kathleen Willy

Authorized for release by:
7/13/2017 1:34:42 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
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.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance 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.
B	Compound was found in the blank and sample.
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 is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
X	Surrogate is outside control limits
E	Result exceeded calibration range.

GC/MS Semi 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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate 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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 480-119294-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-119294-1

Comments
No additional comments.

Receipt
The samples were received on 6/9/2017 9:20 AM and 6/23/2017 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 2.5º C.

GC/MS VOA
Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: WG-007830-060817-BP-010 (480-119294-10). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-361709 recovered outside acceptance criteria, low biased, for 2-Hexanone and 4-Methyl-2-pentanone. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for these analytes, the data have been reported. The following samples were affected : WG-007830-060717-BP-001 (480-119294-1), WG-007830-060717-BP-002 (480-119294-2), WG-007830-060717-BP-003 (480-119294-3), WG-007830-060717-BP-005 (480-119294-5), WG-007830-060717-BP-008 (480-119294-8), WG-007830-060817-BP-009 (480-119294-9) and WG-007830-060817-BP-010 (480-119294-10).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-361785 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: WG-007830-060717-BP-002 (480-119294-2), WG-007830-060717-BP-004 (480-119294-4), WG-007830-060717-BP-006 (480-119294-6) and WG-007830-060717-BP-007 (480-119294-7).

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: WG-007830-060717-BP-002 (480-119294-2), (480-119294-D-2 MS) and (480-119294-D-2 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: WG-007830-062217-BP-011 (480-120077-2). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method(s) 8270D: The method blank for preparation batch 480-361684 contained Bis(2-ethylhexyl) phthalate above the reporting limit (RL). None of the samples associated with this method blank contained the target compound or were below the client reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed. The following samples are impacted: WG-007830-060717-BP-002 (480-119294-2), WG-007830-060717-BP-003 (480-119294-3), WG-007830-060717-BP-004 (480-119294-4), WG-007830-060717-BP-005 (480-119294-5), WG-007830-060717-BP-006 (480-119294-6), WG-007830-060717-BP-007 (480-119294-7), WG-007830-060717-BP-008 (480-119294-8), WG-007830-060817-BP-009 (480-119294-9) and WG-007830-060817-BP-010 (480-119294-10).

Method(s) 8270D: Due to an increase in the spiking concentration required for other analytes of interest, the following compounds have been elevated to a level at the upper range of the initial calibration: 3,3'-Dichlorobenzidine. The laboratory control sample (LCS) recovered within acceptable limits for these analytes and have been qualified with an "E" flag. (LCS 480-361684/2-A)

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: WG-007830-060717-BP-002 (480-119294-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 480-361460 recovered outside control limits for the following analyte: Carbazole. These analytes were biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported. The following sample was impacted:

Job ID: 480-119294-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

WG-007830-060717-BP-001 (480-119294-1).

Method(s) 8270D: Due to an increase in the spiking concentration required for other analytes of interest, the following compound has been elevated to a level at the upper range of the initial calibration: 3,3'-Dichlorobenzidine. The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) recovered within acceptable limits for this analyte and has been qualified with as 'E" flag. (LCS 480-361460/2-A) and (LCSD 480-361460/3-A)

Method(s) 8270D: Due to an increase in the spiking concentration required for other analytes of interest, the following compounds have been elevated to a level above the upper range of the initial calibration: 3,3'-Dichlorobenzidine. The laboratory control sample (LCS) recovered within acceptable limits for these analytes and have been qualified with an "E" flag. (LCS 480-364021/2-A)

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-364757 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: WG-007830-062217-BP-011 (480-120077-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: WG-007830-062217-BP-011 (480-120077-2). These results have been reported and qualified.

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

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-361460.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-001 — Lab Sample ID: 480-119294-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Ethyl ether	61		10	0.72	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	0.52	J B	10	0.46	ug/L	1		8270D	Total/NA

Client Sample ID: WG-007830-060717-BP-002 — Lab Sample ID: 480-119294-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	1100	E	10	0.72	ug/L	1		8260C	Total/NA
Ethyl ether - DL	1400	F1	200	14	ug/L	20		8260C	Total/NA

Client Sample ID: WG-007830-060717-BP-003 — Lab Sample ID: 480-119294-3

No Detections.

Client Sample ID: WG-007830-060717-BP-004 — Lab Sample ID: 480-119294-4

No Detections.

Client Sample ID: WG-007830-060717-BP-005 — Lab Sample ID: 480-119294-5

No Detections.

Client Sample ID: WG-007830-060717-BP-006 — Lab Sample ID: 480-119294-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.70	J	5.0	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: WG-007830-060717-BP-007 — Lab Sample ID: 480-119294-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	10		10	0.72	ug/L	1		8260C	Total/NA

Client Sample ID: WG-007830-060717-BP-008 — Lab Sample ID: 480-119294-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.3	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: WG-007830-060817-BP-009 — Lab Sample ID: 480-119294-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.94	J	10	0.35	ug/L	1		8260C	Total/NA
Di-n-octyl phthalate	0.68	J	5.0	0.47	ug/L	1		8270D	Total/NA

Client Sample ID: WG-007830-060817-BP-010 — Lab Sample ID: 480-119294-10

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-120077-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.30	J	5.0	0.19	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-062217-BP-011 **Lab Sample ID: 480-120077-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethyl ether	230		50	3.6	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-001
Date Collected: 06/07/17 10:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-1
Matrix: Ground Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 03:00	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 03:00	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 03:00	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 03:00	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 03:00	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 03:00	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 03:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 03:00	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 03:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 03:00	1
Acetone	**3.0**	**J**	10	3.0	ug/L			06/13/17 03:00	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 03:00	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 03:00	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 03:00	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 03:00	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 03:00	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 03:00	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 03:00	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 03:00	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 03:00	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 03:00	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 03:00	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 03:00	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 03:00	1
Ethyl ether	**61**		10	0.72	ug/L			06/13/17 03:00	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 03:00	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 03:00	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 03:00	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 03:00	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 03:00	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 03:00	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 03:00	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 03:00	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 03:00	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 03:00	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 03:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 03:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*06/13/17 03:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/13/17 03:00*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/13/17 03:00*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*06/13/17 03:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/10/17 07:24	06/15/17 06:16	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/10/17 07:24	06/15/17 06:16	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-001
Date Collected: 06/07/17 10:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/10/17 07:24	06/15/17 06:16	1
1,4-Dichlorobenzene	**0.52**	**J B**	10	0.46	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/10/17 07:24	06/15/17 06:16	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/15/17 06:16	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/10/17 07:24	06/15/17 06:16	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/10/17 07:24	06/15/17 06:16	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/10/17 07:24	06/15/17 06:16	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/15/17 06:16	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/10/17 07:24	06/15/17 06:16	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/10/17 07:24	06/15/17 06:16	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/15/17 06:16	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/10/17 07:24	06/15/17 06:16	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Methylphenol	10	U	10	0.36	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/10/17 07:24	06/15/17 06:16	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/10/17 07:24	06/15/17 06:16	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/10/17 07:24	06/15/17 06:16	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/10/17 07:24	06/15/17 06:16	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/10/17 07:24	06/15/17 06:16	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/10/17 07:24	06/15/17 06:16	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/10/17 07:24	06/15/17 06:16	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/10/17 07:24	06/15/17 06:16	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/10/17 07:24	06/15/17 06:16	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/10/17 07:24	06/15/17 06:16	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/10/17 07:24	06/15/17 06:16	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/10/17 07:24	06/15/17 06:16	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/10/17 07:24	06/15/17 06:16	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/15/17 06:16	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/10/17 07:24	06/15/17 06:16	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/10/17 07:24	06/15/17 06:16	1
Carbazole	5.0	U *	5.0	0.30	ug/L		06/10/17 07:24	06/15/17 06:16	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/10/17 07:24	06/15/17 06:16	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/10/17 07:24	06/15/17 06:16	1
Dibenzofuran	10	U	10	0.51	ug/L		06/10/17 07:24	06/15/17 06:16	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/10/17 07:24	06/15/17 06:16	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/10/17 07:24	06/15/17 06:16	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/10/17 07:24	06/15/17 06:16	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/10/17 07:24	06/15/17 06:16	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/15/17 06:16	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/10/17 07:24	06/15/17 06:16	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-001
Date Collected: 06/07/17 10:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/10/17 07:24	06/15/17 06:16	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/10/17 07:24	06/15/17 06:16	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/10/17 07:24	06/15/17 06:16	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/10/17 07:24	06/15/17 06:16	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/10/17 07:24	06/15/17 06:16	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/10/17 07:24	06/15/17 06:16	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/10/17 07:24	06/15/17 06:16	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/10/17 07:24	06/15/17 06:16	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/10/17 07:24	06/15/17 06:16	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/10/17 07:24	06/15/17 06:16	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/10/17 07:24	06/15/17 06:16	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/10/17 07:24	06/15/17 06:16	1
Phenol	5.0	U	5.0	0.39	ug/L		06/10/17 07:24	06/15/17 06:16	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/10/17 07:24	06/15/17 06:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Triethylamine	*25*	*T J N*	*ug/L*		*2.15*	*121-44-8*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Toluene	*3.3*	*T J N*	*ug/L*		*3.04*	*108-88-3*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Unknown	*30*	*T J*	*ug/L*		*4.00*		*06/10/17 07:24*	*06/15/17 06:16*	*1*
Benzene, 1,3-dimethyl-	*2.9*	*T J N*	*ug/L*		*4.34*	*108-38-3*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Cyclopentasiloxane, decamethyl-	*3.2*	*T J N*	*ug/L*		*6.31*	*541-02-6*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Talbutal	*7.1*	*T J N*	*ug/L*		*9.08*	*115-44-6*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phe	*2.4*	*T J N*	*ug/L*		*9.56*	*730-66-5*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Hexobarbital	*2.7*	*T J N*	*ug/L*		*9.63*	*56-29-1*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*9.66*		*06/10/17 07:24*	*06/15/17 06:16*	*1*
Mephobarbital	*12*	*T J N*	*ug/L*		*9.78*	*115-38-8*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Phenobarbital	*11*	*T J N*	*ug/L*		*10.01*	*50-06-6*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Cyclobarbital	*4.2*	*T J N*	*ug/L*		*10.04*	*52-31-3*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*11.09*		*06/10/17 07:24*	*06/15/17 06:16*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*11.27*		*06/10/17 07:24*	*06/15/17 06:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*41 - 120*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
2-Fluorophenol (Surr)	*76*		*35 - 120*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Nitrobenzene-d5 (Surr)	*97*		*46 - 120*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
Phenol-d5 (Surr)	*58*		*22 - 120*	*06/10/17 07:24*	*06/15/17 06:16*	*1*
p-Terphenyl-d14 (Surr)	*101*		*59 - 136*	*06/10/17 07:24*	*06/15/17 06:16*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-002
Date Collected: 06/07/17 11:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 03:25	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 03:25	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 03:25	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 03:25	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 03:25	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 03:25	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 03:25	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 03:25	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 03:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 03:25	1
Acetone	10	U	10	3.0	ug/L			06/13/17 03:25	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 03:25	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 03:25	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 03:25	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 03:25	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 03:25	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 03:25	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 03:25	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 03:25	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 03:25	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 03:25	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 03:25	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 03:25	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 03:25	1
Ethyl ether	**1100**	**E**	10	0.72	ug/L			06/13/17 03:25	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 03:25	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 03:25	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 03:25	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 03:25	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 03:25	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 03:25	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 03:25	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 03:25	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 03:25	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 03:25	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 03:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methane, chlorodifluoro-	*4.2*	*T J N*	*ug/L*		*4.54*	*75-45-6*		*06/13/17 03:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/13/17 03:25*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/13/17 03:25*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/13/17 03:25*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/13/17 03:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	100	U	100	16	ug/L			06/13/17 17:31	20
1,1,2,2-Tetrachloroethane	100	U	100	4.2	ug/L			06/13/17 17:31	20

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-002
Date Collected: 06/07/17 11:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	100	U	100	4.6	ug/L			06/13/17 17:31	20
1,1-Dichloroethane	100	U	100	7.6	ug/L			06/13/17 17:31	20
1,1-Dichloroethene	100	U	100	5.8	ug/L			06/13/17 17:31	20
1,2-Dichloroethane	100	U	100	4.2	ug/L			06/13/17 17:31	20
1,2-Dichloropropane	100	U	100	14	ug/L			06/13/17 17:31	20
2-Butanone (MEK)	200	U	200	26	ug/L			06/13/17 17:31	20
2-Hexanone	200	U	200	25	ug/L			06/13/17 17:31	20
4-Methyl-2-pentanone (MIBK)	200	U	200	42	ug/L			06/13/17 17:31	20
Acetone	200	U	200	60	ug/L			06/13/17 17:31	20
Benzene	20	U	20	8.2	ug/L			06/13/17 17:31	20
Bromodichloromethane	100	U	100	7.8	ug/L			06/13/17 17:31	20
Bromoform	100	U	100	5.2	ug/L			06/13/17 17:31	20
Bromomethane	200	U	200	14	ug/L			06/13/17 17:31	20
Carbon disulfide	100	U	100	3.8	ug/L			06/13/17 17:31	20
Carbon tetrachloride	100	U	100	5.4	ug/L			06/13/17 17:31	20
Chlorobenzene	100	U	100	15	ug/L			06/13/17 17:31	20
Chloroethane	200	U	200	6.4	ug/L			06/13/17 17:31	20
Chloroform	100	U	100	6.8	ug/L			06/13/17 17:31	20
Chloromethane	200	U	200	7.0	ug/L			06/13/17 17:31	20
cis-1,2-Dichloroethene	100	U	100	16	ug/L			06/13/17 17:31	20
cis-1,3-Dichloropropene	100	U	100	7.2	ug/L			06/13/17 17:31	20
Dibromochloromethane	100	U	100	6.4	ug/L			06/13/17 17:31	20
Ethyl ether	**1400**	**F1**	200	14	ug/L			06/13/17 17:31	20
Ethylbenzene	100	U	100	15	ug/L			06/13/17 17:31	20
m&p-Xylene	100	U	100	13	ug/L			06/13/17 17:31	20
Methylene Chloride	100	U	100	8.8	ug/L			06/13/17 17:31	20
o-Xylene	100	U	100	15	ug/L			06/13/17 17:31	20
Styrene	100	U	100	15	ug/L			06/13/17 17:31	20
Tetrachloroethene	100	U	100	7.2	ug/L			06/13/17 17:31	20
Toluene	100	U	100	10	ug/L			06/13/17 17:31	20
trans-1,2-Dichloroethene	100	U	100	18	ug/L			06/13/17 17:31	20
trans-1,3-Dichloropropene	100	U	100	7.4	ug/L			06/13/17 17:31	20
Trichloroethene	100	U	100	9.2	ug/L			06/13/17 17:31	20
Vinyl chloride	200	U	200	18	ug/L			06/13/17 17:31	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 17:31*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/13/17 17:31*	*20*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*06/13/17 17:31*	*20*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/13/17 17:31*	*20*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*06/13/17 17:31*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	50	U	50	2.2	ug/L		06/12/17 14:44	06/13/17 21:38	5
1,2-Dichlorobenzene	50	U	50	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
1,3-Dichlorobenzene	50	U	50	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
1,4-Dichlorobenzene	50	U	50	2.3	ug/L		06/12/17 14:44	06/13/17 21:38	5

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-002
Date Collected: 06/07/17 11:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	25	U	25	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
2,4,6-Trichlorophenol	25	U	25	3.1	ug/L		06/12/17 14:44	06/13/17 21:38	5
2,4-Dichlorophenol	25	U	25	2.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
2,4-Dimethylphenol	25	U	25	2.5	ug/L		06/12/17 14:44	06/13/17 21:38	5
2,4-Dinitrophenol	50	U	50	11	ug/L		06/12/17 14:44	06/13/17 21:38	5
2,4-Dinitrotoluene	25	U	25	2.2	ug/L		06/12/17 14:44	06/13/17 21:38	5
2,6-Dinitrotoluene	25	U	25	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
2-Chloronaphthalene	25	U	25	2.3	ug/L		06/12/17 14:44	06/13/17 21:38	5
2-Chlorophenol	25	U	25	2.7	ug/L		06/12/17 14:44	06/13/17 21:38	5
2-Methylnaphthalene	25	U	25	3.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
2-Methylphenol	25	U	25	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
2-Nitroaniline	50	U	50	2.1	ug/L		06/12/17 14:44	06/13/17 21:38	5
2-Nitrophenol	25	U	25	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
3,3'-Dichlorobenzidine	25	U	25	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
3-Nitroaniline	50	U	50	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
4,6-Dinitro-2-methylphenol	50	U	50	11	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Bromophenyl phenyl ether	25	U	25	2.3	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Chloro-3-methylphenol	25	U	25	2.3	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Chloroaniline	25	U	25	3.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Chlorophenyl phenyl ether	25	U	25	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Methylphenol	50	U	50	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Nitroaniline	50	U	50	1.3	ug/L		06/12/17 14:44	06/13/17 21:38	5
4-Nitrophenol	50	U	50	7.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
Acenaphthene	25	U	25	2.1	ug/L		06/12/17 14:44	06/13/17 21:38	5
Acenaphthylene	25	U	25	1.9	ug/L		06/12/17 14:44	06/13/17 21:38	5
Anthracene	25	U	25	1.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
Benzaldehyde	25	U	25	1.3	ug/L		06/12/17 14:44	06/13/17 21:38	5
Benzo[a]anthracene	25	U	25	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
Benzo[a]pyrene	25	U	25	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
Benzo[b]fluoranthene	25	U	25	1.7	ug/L		06/12/17 14:44	06/13/17 21:38	5
Benzo[g,h,i]perylene	25	U	25	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
Benzo[k]fluoranthene	25	U	25	3.7	ug/L		06/12/17 14:44	06/13/17 21:38	5
bis (2-chloroisopropyl) ether	25	U	25	2.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
Bis(2-chloroethoxy)methane	25	U	25	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
Bis(2-chloroethyl)ether	25	U	25	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
Bis(2-ethylhexyl) phthalate	25	U	25	11	ug/L		06/12/17 14:44	06/13/17 21:38	5
Butyl benzyl phthalate	25	U	25	5.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
Carbazole	25	U	25	1.5	ug/L		06/12/17 14:44	06/13/17 21:38	5
Chrysene	25	U	25	1.7	ug/L		06/12/17 14:44	06/13/17 21:38	5
Dibenz(a,h)anthracene	25	U	25	2.1	ug/L		06/12/17 14:44	06/13/17 21:38	5
Dibenzofuran	50	U	50	2.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
Diethyl phthalate	25	U	25	1.1	ug/L		06/12/17 14:44	06/13/17 21:38	5
Dimethyl phthalate	25	U	25	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
Di-n-butyl phthalate	25	U	25	1.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
Di-n-octyl phthalate	25	U	25	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
Fluoranthene	25	U	25	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
Fluorene	25	U	25	1.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
Hexachlorobenzene	25	U	25	2.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
Hexachlorobutadiene	25	U	25	3.4	ug/L		06/12/17 14:44	06/13/17 21:38	5

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-002
Date Collected: 06/07/17 11:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	25	U	25	3.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
Hexachloroethane	25	U	25	3.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
Indeno[1,2,3-cd]pyrene	25	U	25	2.4	ug/L		06/12/17 14:44	06/13/17 21:38	5
Isophorone	25	U	25	2.2	ug/L		06/12/17 14:44	06/13/17 21:38	5
Naphthalene	25	U	25	3.8	ug/L		06/12/17 14:44	06/13/17 21:38	5
Nitrobenzene	25	U	25	1.5	ug/L		06/12/17 14:44	06/13/17 21:38	5
N-Nitrosodi-n-propylamine	25	U	25	2.7	ug/L		06/12/17 14:44	06/13/17 21:38	5
N-Nitrosodiphenylamine	25	U	25	2.6	ug/L		06/12/17 14:44	06/13/17 21:38	5
Pentachlorophenol	50	U	50	11	ug/L		06/12/17 14:44	06/13/17 21:38	5
Phenanthrene	25	U	25	2.2	ug/L		06/12/17 14:44	06/13/17 21:38	5
Phenol	25	U	25	2.0	ug/L		06/12/17 14:44	06/13/17 21:38	5
Pyrene	25	U	25	1.7	ug/L		06/12/17 14:44	06/13/17 21:38	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*3.85*		*06/12/17 14:44*	*06/13/17 21:38*	*5*
Unknown	*8.4*	*T J*	*ug/L*		*5.23*		*06/12/17 14:44*	*06/13/17 21:38*	*5*
Talbutal	*31*	*T J N*	*ug/L*		*9.01*	*115-44-6*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Hexobarbital	*12*	*T J N*	*ug/L*		*9.56*	*56-29-1*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Mephobarbital	*35*	*T J N*	*ug/L*		*9.70*	*115-38-8*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Phenobarbital	*50*	*T J N*	*ug/L*		*9.94*	*50-06-6*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Unknown	*24*	*T J*	*ug/L*		*9.97*		*06/12/17 14:44*	*06/13/17 21:38*	*5*
3H-Pyrazol-3-one, 1,2-dihydro-1,5-dimethyl-4-(methylamino)-2	*19*	*T J N*	*ug/L*		*11.03*	*519-98-2*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
17-(1,5-Dimethylhexyl) -10,13-dimethylhexadecahydrocyclopenta	*45*	*T J N*	*ug/L*		*14.01*	*1000210-43-4*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Cholestan-3-ol	*63*	*T J N*	*ug/L*		*14.06*	*27409-41-2*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Cholestan-3-one	*12*	*T J N*	*ug/L*		*14.22*	*15600-08-5*	*06/12/17 14:44*	*06/13/17 21:38*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*41 - 120*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
2-Fluorobiphenyl	*75*		*48 - 120*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
2-Fluorophenol (Surr)	*52*		*35 - 120*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Nitrobenzene-d5 (Surr)	*78*		*46 - 120*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
Phenol-d5 (Surr)	*48*		*22 - 120*	*06/12/17 14:44*	*06/13/17 21:38*	*5*
p-Terphenyl-d14 (Surr)	*71*		*59 - 136*	*06/12/17 14:44*	*06/13/17 21:38*	*5*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-003
Date Collected: 06/07/17 12:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 03:50	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 03:50	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 03:50	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 03:50	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 03:50	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 03:50	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 03:50	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 03:50	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 03:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 03:50	1
Acetone	10	U	10	3.0	ug/L			06/13/17 03:50	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 03:50	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 03:50	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 03:50	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 03:50	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 03:50	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 03:50	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 03:50	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 03:50	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 03:50	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 03:50	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 03:50	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 03:50	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 03:50	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 03:50	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 03:50	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 03:50	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 03:50	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 03:50	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 03:50	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 03:50	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 03:50	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 03:50	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 03:50	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 03:50	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 03:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.8*	*T J*	*ug/L*		*5.12*			*06/13/17 03:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/13/17 03:50*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*06/13/17 03:50*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/13/17 03:50*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*06/13/17 03:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/13/17 22:07	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/13/17 22:07	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-003
Date Collected: 06/07/17 12:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 22:07	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 22:07	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:07	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/13/17 22:07	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/13/17 22:07	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/13/17 22:07	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:07	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/13/17 22:07	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 22:07	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:07	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 22:07	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/13/17 22:07	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/13/17 22:07	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/13/17 22:07	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/13/17 22:07	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/13/17 22:07	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/13/17 22:07	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 22:07	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 22:07	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 22:07	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 22:07	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/13/17 22:07	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/13/17 22:07	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 22:07	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:07	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/13/17 22:07	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/13/17 22:07	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/13/17 22:07	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/13/17 22:07	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/13/17 22:07	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/13/17 22:07	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/13/17 22:07	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 22:07	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/13/17 22:07	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 22:07	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:07	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 22:07	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-003
Date Collected: 06/07/17 12:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 22:07	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/13/17 22:07	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 22:07	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 22:07	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 22:07	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/13/17 22:07	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/13/17 22:07	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/13/17 22:07	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/13/17 22:07	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 22:07	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 22:07	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/13/17 22:07	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/13/17 22:07	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 22:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/13/17 22:07*	*1*
p-Xylene	*2.0*	*T J N*	*ug/L*		*4.23*	*106-42-3*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
Cyclotetrasiloxane, octamethyl-	*4.1*	*T J N*	*ug/L*		*5.23*	*556-67-2*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
Cyclopentasiloxane, decamethyl-	*3.0*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
Cyclohexasiloxane, dodecamethyl-	*1.7*	*T J N*	*ug/L*		*7.11*	*540-97-6*	*06/12/17 14:44*	*06/13/17 22:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*41 - 120*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
2-Fluorophenol (Surr)	*64*		*35 - 120*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 120*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
Phenol-d5 (Surr)	*57*		*22 - 120*	*06/12/17 14:44*	*06/13/17 22:07*	*1*
p-Terphenyl-d14 (Surr)	*87*		*59 - 136*	*06/12/17 14:44*	*06/13/17 22:07*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-004
Date Collected: 06/07/17 12:45
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 17:56	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 17:56	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 17:56	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 17:56	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 17:56	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 17:56	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 17:56	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 17:56	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 17:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 17:56	1
Acetone	10	U	10	3.0	ug/L			06/13/17 17:56	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 17:56	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 17:56	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 17:56	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 17:56	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 17:56	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 17:56	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 17:56	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 17:56	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 17:56	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 17:56	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 17:56	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 17:56	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 17:56	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 17:56	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 17:56	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 17:56	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 17:56	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 17:56	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 17:56	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 17:56	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 17:56	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 17:56	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 17:56	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 17:56	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 17:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 17:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/13/17 17:56*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*06/13/17 17:56*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/13/17 17:56*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*06/13/17 17:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/13/17 22:37	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/13/17 22:37	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-004
Date Collected: 06/07/17 12:45
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 22:37	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 22:37	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:37	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/13/17 22:37	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/13/17 22:37	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/13/17 22:37	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:37	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/13/17 22:37	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 22:37	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:37	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 22:37	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/13/17 22:37	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/13/17 22:37	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/13/17 22:37	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/13/17 22:37	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/13/17 22:37	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/13/17 22:37	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 22:37	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 22:37	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 22:37	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 22:37	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/13/17 22:37	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/13/17 22:37	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 22:37	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:37	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/13/17 22:37	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/13/17 22:37	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/13/17 22:37	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/13/17 22:37	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/13/17 22:37	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/13/17 22:37	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/13/17 22:37	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 22:37	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/13/17 22:37	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 22:37	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 22:37	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 22:37	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-004
Date Collected: 06/07/17 12:45
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 22:37	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/13/17 22:37	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 22:37	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 22:37	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 22:37	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/13/17 22:37	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/13/17 22:37	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/13/17 22:37	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/13/17 22:37	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 22:37	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 22:37	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/13/17 22:37	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/13/17 22:37	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 22:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.0*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/13/17 22:37*	*1*
Benzene, 1,3-dimethyl-	*2.2*	*T J N*	*ug/L*		*4.23*	*108-38-3*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
Cyclotetrasiloxane, octamethyl-	*5.7*	*T J N*	*ug/L*		*5.23*	*556-67-2*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
Cyclopentasiloxane, decamethyl-	*5.4*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
Cyclohexasiloxane, dodecamethyl-	*3.1*	*T J N*	*ug/L*		*7.11*	*540-97-6*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
Dodecanal	*2.1*	*T J N*	*ug/L*		*7.66*	*112-54-9*	*06/12/17 14:44*	*06/13/17 22:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*41 - 120*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
2-Fluorophenol (Surr)	*55*		*35 - 120*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 120*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
Phenol-d5 (Surr)	*49*		*22 - 120*	*06/12/17 14:44*	*06/13/17 22:37*	*1*
p-Terphenyl-d14 (Surr)	*72*		*59 - 136*	*06/12/17 14:44*	*06/13/17 22:37*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-005
Date Collected: 06/07/17 13:30
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 04:41	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 04:41	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 04:41	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 04:41	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 04:41	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 04:41	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 04:41	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 04:41	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 04:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 04:41	1
Acetone	10	U	10	3.0	ug/L			06/13/17 04:41	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 04:41	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 04:41	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 04:41	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 04:41	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 04:41	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 04:41	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 04:41	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 04:41	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 04:41	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 04:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 04:41	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 04:41	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 04:41	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 04:41	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 04:41	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 04:41	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 04:41	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 04:41	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 04:41	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 04:41	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 04:41	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 04:41	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 04:41	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 04:41	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 04:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 04:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/13/17 04:41*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/13/17 04:41*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/13/17 04:41*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*06/13/17 04:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/13/17 23:06	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/13/17 23:06	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-005
Date Collected: 06/07/17 13:30
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 23:06	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 23:06	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:06	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/13/17 23:06	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/13/17 23:06	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/13/17 23:06	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:06	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/13/17 23:06	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 23:06	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:06	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 23:06	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/13/17 23:06	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/13/17 23:06	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/13/17 23:06	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/13/17 23:06	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/13/17 23:06	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/13/17 23:06	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 23:06	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 23:06	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 23:06	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 23:06	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/13/17 23:06	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/13/17 23:06	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 23:06	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:06	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/13/17 23:06	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/13/17 23:06	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/13/17 23:06	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/13/17 23:06	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/13/17 23:06	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/13/17 23:06	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/13/17 23:06	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 23:06	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/13/17 23:06	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 23:06	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:06	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 23:06	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-005
Date Collected: 06/07/17 13:30
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 23:06	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/13/17 23:06	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 23:06	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 23:06	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 23:06	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/13/17 23:06	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/13/17 23:06	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/13/17 23:06	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/13/17 23:06	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 23:06	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 23:06	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/13/17 23:06	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/13/17 23:06	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 23:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/13/17 23:06*	*1*
Benzene, 1,3-dimethyl-	*1.7*	*T J N*	*ug/L*		*4.22*	*108-38-3*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
Cyclopentasiloxane, decamethyl-	*2.8*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
Talbutal	*3.3*	*T J N*	*ug/L*		*9.01*	*115-44-6*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
Phenobarbital	*3.4*	*T J N*	*ug/L*		*9.94*	*50-06-6*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
Cyclobarbital	*2.9*	*T J N*	*ug/L*		*9.97*	*52-31-3*	*06/12/17 14:44*	*06/13/17 23:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*41 - 120*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
2-Fluorophenol (Surr)	*57*		*35 - 120*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 120*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
Phenol-d5 (Surr)	*52*		*22 - 120*	*06/12/17 14:44*	*06/13/17 23:06*	*1*
p-Terphenyl-d14 (Surr)	*78*		*59 - 136*	*06/12/17 14:44*	*06/13/17 23:06*	*1*

Client Sample ID: WG-007830-060717-BP-006
Date Collected: 06/07/17 14:20
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 18:21	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 18:21	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 18:21	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 18:21	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 18:21	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 18:21	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 18:21	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 18:21	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 18:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 18:21	1
Acetone	10	U	10	3.0	ug/L			06/13/17 18:21	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 18:21	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 18:21	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 18:21	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 18:21	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 18:21	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 18:21	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 18:21	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 18:21	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 18:21	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 18:21	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 18:21	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 18:21	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 18:21	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 18:21	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 18:21	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 18:21	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 18:21	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 18:21	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 18:21	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 18:21	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 18:21	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 18:21	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 18:21	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 18:21	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 18:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3.2*	*T J*	*ug/L*		*4.33*			*06/13/17 18:21*	*1*
Unknown	*5.6*	*T J*	*ug/L*		*4.51*			*06/13/17 18:21*	*1*
Furan, tetrahydro-	*7.0*	*T J N*	*ug/L*		*8.76*	*109-99-9*		*06/13/17 18:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/13/17 18:21*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/13/17 18:21*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/13/17 18:21*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*06/13/17 18:21*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-006
Date Collected: 06/07/17 14:20
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/13/17 23:35	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/13/17 23:35	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 23:35	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 23:35	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:35	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/13/17 23:35	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/13/17 23:35	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/13/17 23:35	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:35	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/13/17 23:35	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 23:35	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:35	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 23:35	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/13/17 23:35	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/13/17 23:35	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/13/17 23:35	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/13/17 23:35	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/13/17 23:35	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/13/17 23:35	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 23:35	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 23:35	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 23:35	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 23:35	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/13/17 23:35	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/13/17 23:35	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 23:35	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:35	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/13/17 23:35	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/13/17 23:35	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/13/17 23:35	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/13/17 23:35	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/13/17 23:35	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/13/17 23:35	1
Diethyl phthalate	**0.70**	**J**	5.0	0.22	ug/L		06/12/17 14:44	06/13/17 23:35	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 23:35	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/13/17 23:35	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 23:35	1

Client Sample ID: WG-007830-060717-BP-006
Date Collected: 06/07/17 14:20
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 23:35	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 23:35	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 23:35	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/13/17 23:35	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 23:35	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 23:35	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 23:35	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/13/17 23:35	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/13/17 23:35	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/13/17 23:35	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/13/17 23:35	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 23:35	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 23:35	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/13/17 23:35	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/13/17 23:35	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 23:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.5*	*T J*	*ug/L*		*2.09*		*06/12/17 14:44*	*06/13/17 23:35*	*1*
Unknown	*13*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/13/17 23:35*	*1*
Cyclopentasiloxane, decamethyl-	*2.7*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Cyclohexasiloxane, dodecamethyl-	*1.8*	*T J N*	*ug/L*		*7.11*	*540-97-6*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Unknown	*2.2*	*T J*	*ug/L*		*7.62*		*06/12/17 14:44*	*06/13/17 23:35*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*8.29*		*06/12/17 14:44*	*06/13/17 23:35*	*1*
Talbutal	*25*	*T J N*	*ug/L*		*9.02*	*115-44-6*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Hexobarbital	*8.5*	*T J N*	*ug/L*		*9.56*	*56-29-1*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Mephobarbital	*15*	*T J N*	*ug/L*		*9.71*	*115-38-8*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Phenobarbital	*35*	*T J N*	*ug/L*		*9.96*	*50-06-6*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Unknown	*14*	*T J*	*ug/L*		*9.98*		*06/12/17 14:44*	*06/13/17 23:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*41 - 120*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
2-Fluorophenol (Surr)	*56*		*35 - 120*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 120*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
Phenol-d5 (Surr)	*51*		*22 - 120*	*06/12/17 14:44*	*06/13/17 23:35*	*1*
p-Terphenyl-d14 (Surr)	*76*		*59 - 136*	*06/12/17 14:44*	*06/13/17 23:35*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-007
Date Collected: 06/07/17 15:10
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 18:47	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 18:47	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 18:47	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 18:47	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 18:47	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 18:47	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 18:47	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 18:47	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 18:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 18:47	1
Acetone	10	U	10	3.0	ug/L			06/13/17 18:47	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 18:47	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 18:47	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 18:47	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 18:47	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 18:47	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 18:47	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 18:47	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 18:47	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 18:47	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 18:47	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 18:47	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 18:47	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 18:47	1
Ethyl ether	**10**		10	0.72	ug/L			06/13/17 18:47	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 18:47	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 18:47	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 18:47	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 18:47	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 18:47	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 18:47	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 18:47	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 18:47	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 18:47	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 18:47	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 18:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 18:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*06/13/17 18:47*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*06/13/17 18:47*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/13/17 18:47*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*06/13/17 18:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/14/17 00:04	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/14/17 00:04	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-007
Date Collected: 06/07/17 15:10
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/14/17 00:04	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 00:04	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:04	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/14/17 00:04	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/14/17 00:04	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/14/17 00:04	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:04	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/14/17 00:04	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/14/17 00:04	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:04	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/14/17 00:04	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/14/17 00:04	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/14/17 00:04	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/14/17 00:04	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/14/17 00:04	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/14/17 00:04	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/14/17 00:04	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 00:04	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 00:04	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/14/17 00:04	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 00:04	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/14/17 00:04	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/14/17 00:04	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 00:04	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:04	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/14/17 00:04	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/14/17 00:04	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/14/17 00:04	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/14/17 00:04	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/14/17 00:04	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/14/17 00:04	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/14/17 00:04	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 00:04	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/14/17 00:04	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 00:04	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:04	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 00:04	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-007
Date Collected: 06/07/17 15:10
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 00:04	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/14/17 00:04	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 00:04	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 00:04	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 00:04	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/14/17 00:04	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/14/17 00:04	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/14/17 00:04	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/14/17 00:04	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 00:04	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 00:04	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/14/17 00:04	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/14/17 00:04	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/14/17 00:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*17*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/14/17 00:04*	*1*
Unknown	*2.8*	*T J*	*ug/L*		*6.23*		*06/12/17 14:44*	*06/14/17 00:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*41 - 120*	*06/12/17 14:44*	*06/14/17 00:04*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*06/12/17 14:44*	*06/14/17 00:04*	*1*
2-Fluorophenol (Surr)	*64*		*35 - 120*	*06/12/17 14:44*	*06/14/17 00:04*	*1*
Nitrobenzene-d5 (Surr)	*97*		*46 - 120*	*06/12/17 14:44*	*06/14/17 00:04*	*1*
Phenol-d5 (Surr)	*58*		*22 - 120*	*06/12/17 14:44*	*06/14/17 00:04*	*1*
p-Terphenyl-d14 (Surr)	*91*		*59 - 136*	*06/12/17 14:44*	*06/14/17 00:04*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-008
Date Collected: 06/07/17 16:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 05:56	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 05:56	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 05:56	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 05:56	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 05:56	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 05:56	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 05:56	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 05:56	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 05:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 05:56	1
Acetone	**4.3**	**J**	10	3.0	ug/L			06/13/17 05:56	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 05:56	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 05:56	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 05:56	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 05:56	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 05:56	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 05:56	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 05:56	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 05:56	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 05:56	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 05:56	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 05:56	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 05:56	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 05:56	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 05:56	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 05:56	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 05:56	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 05:56	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 05:56	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 05:56	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 05:56	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 05:56	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 05:56	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 05:56	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 05:56	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 05:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3.1*	*T J*	*ug/L*		*4.32*			*06/13/17 05:56*	*1*
Unknown	*4.5*	*T J*	*ug/L*		*4.50*			*06/13/17 05:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/13/17 05:56*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/13/17 05:56*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/13/17 05:56*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*06/13/17 05:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/14/17 00:34	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-008
Date Collected: 06/07/17 16:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/14/17 00:34	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/14/17 00:34	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 00:34	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:34	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/14/17 00:34	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/14/17 00:34	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/14/17 00:34	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:34	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/14/17 00:34	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/14/17 00:34	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:34	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/14/17 00:34	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/14/17 00:34	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/14/17 00:34	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/14/17 00:34	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/14/17 00:34	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/14/17 00:34	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/14/17 00:34	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 00:34	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 00:34	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/14/17 00:34	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 00:34	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/14/17 00:34	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/14/17 00:34	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 00:34	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:34	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/14/17 00:34	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/14/17 00:34	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/14/17 00:34	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/14/17 00:34	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/14/17 00:34	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/14/17 00:34	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/14/17 00:34	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 00:34	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/14/17 00:34	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 00:34	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 00:34	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060717-BP-008
Date Collected: 06/07/17 16:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 00:34	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 00:34	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/14/17 00:34	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 00:34	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 00:34	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 00:34	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/14/17 00:34	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/14/17 00:34	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/14/17 00:34	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/14/17 00:34	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 00:34	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 00:34	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/14/17 00:34	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/14/17 00:34	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/14/17 00:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*15*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/14/17 00:34*	*1*
Cyclotetrasiloxane, octamethyl-	*4.1*	*T J N*	*ug/L*		*5.23*	*556-67-2*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
Undecane	*11*	*T J N*	*ug/L*		*6.06*	*1120-21-4*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
Cyclopentasiloxane, decamethyl-	*3.1*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
Cyclohexasiloxane, dodecamethyl-	*1.6*	*T J N*	*ug/L*		*7.11*	*540-97-6*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
2-Tridecanone	*4.7*	*T J N*	*ug/L*		*8.03*	*593-08-8*	*06/12/17 14:44*	*06/14/17 00:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*41 - 120*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
2-Fluorophenol (Surr)	*59*		*35 - 120*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
Phenol-d5 (Surr)	*54*		*22 - 120*	*06/12/17 14:44*	*06/14/17 00:34*	*1*
p-Terphenyl-d14 (Surr)	*79*		*59 - 136*	*06/12/17 14:44*	*06/14/17 00:34*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060817-BP-009
Date Collected: 06/08/17 10:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/13/17 06:21	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 06:21	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 06:21	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 06:21	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 06:21	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 06:21	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 06:21	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 06:21	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 06:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 06:21	1
Acetone	10	U	10	3.0	ug/L			06/13/17 06:21	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 06:21	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 06:21	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 06:21	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 06:21	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 06:21	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 06:21	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 06:21	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 06:21	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 06:21	1
Chloromethane	**0.94**	**J**	10	0.35	ug/L			06/13/17 06:21	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 06:21	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 06:21	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 06:21	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 06:21	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 06:21	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 06:21	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 06:21	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 06:21	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 06:21	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 06:21	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 06:21	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 06:21	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 06:21	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 06:21	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 06:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 06:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*06/13/17 06:21*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/13/17 06:21*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/13/17 06:21*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*06/13/17 06:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/14/17 01:03	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/14/17 01:03	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060817-BP-009
Date Collected: 06/08/17 10:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/14/17 01:03	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 01:03	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 01:03	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/14/17 01:03	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/14/17 01:03	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/14/17 01:03	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 01:03	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/14/17 01:03	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/14/17 01:03	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 01:03	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/14/17 01:03	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/14/17 01:03	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/14/17 01:03	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/14/17 01:03	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/14/17 01:03	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/14/17 01:03	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/14/17 01:03	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 01:03	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 01:03	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/14/17 01:03	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 01:03	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/14/17 01:03	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/14/17 01:03	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/14/17 01:03	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 01:03	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/12/17 14:44	06/14/17 01:03	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/14/17 01:03	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/14/17 01:03	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/14/17 01:03	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/14/17 01:03	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/14/17 01:03	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/14/17 01:03	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 01:03	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/14/17 01:03	1
Di-n-octyl phthalate	**0.68**	**J**	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 01:03	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/14/17 01:03	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/14/17 01:03	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060817-BP-009
Date Collected: 06/08/17 10:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 01:03	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/14/17 01:03	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 01:03	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/14/17 01:03	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/14/17 01:03	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/14/17 01:03	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/14/17 01:03	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/14/17 01:03	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/14/17 01:03	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/14/17 01:03	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/14/17 01:03	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/14/17 01:03	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/14/17 01:03	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/14/17 01:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/14/17 01:03*	*1*
Unknown	*2.5*	*T J*	*ug/L*		*4.25*		*06/12/17 14:44*	*06/14/17 01:03*	*1*
Cyclopentasiloxane, decamethyl-	*2.9*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/14/17 01:03*	*1*
Unknown	*2.1*	*T J*	*ug/L*		*14.02*		*06/12/17 14:44*	*06/14/17 01:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*41 - 120*	*06/12/17 14:44*	*06/14/17 01:03*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*06/12/17 14:44*	*06/14/17 01:03*	*1*
2-Fluorophenol (Surr)	*60*		*35 - 120*	*06/12/17 14:44*	*06/14/17 01:03*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*06/12/17 14:44*	*06/14/17 01:03*	*1*
Phenol-d5 (Surr)	*54*		*22 - 120*	*06/12/17 14:44*	*06/14/17 01:03*	*1*
p-Terphenyl-d14 (Surr)	*81*		*59 - 136*	*06/12/17 14:44*	*06/14/17 01:03*	*1*

Client Sample ID: WG-007830-060817-BP-010 — **Lab Sample ID: 480-119294-10**
Date Collected: 06/08/17 12:00 — **Matrix: Water**
Date Received: 06/09/17 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	25	U	25	4.1	ug/L			06/13/17 06:47	5
1,1,2,2-Tetrachloroethane	25	U	25	1.1	ug/L			06/13/17 06:47	5
1,1,2-Trichloroethane	25	U	25	1.2	ug/L			06/13/17 06:47	5
1,1-Dichloroethane	25	U	25	1.9	ug/L			06/13/17 06:47	5
1,1-Dichloroethene	25	U	25	1.5	ug/L			06/13/17 06:47	5
1,2-Dichloroethane	25	U	25	1.1	ug/L			06/13/17 06:47	5
1,2-Dichloropropane	25	U	25	3.6	ug/L			06/13/17 06:47	5
2-Butanone (MEK)	50	U	50	6.6	ug/L			06/13/17 06:47	5
2-Hexanone	50	U	50	6.2	ug/L			06/13/17 06:47	5
4-Methyl-2-pentanone (MIBK)	50	U	50	11	ug/L			06/13/17 06:47	5
Acetone	50	U	50	15	ug/L			06/13/17 06:47	5
Benzene	5.0	U	5.0	2.1	ug/L			06/13/17 06:47	5
Bromodichloromethane	25	U	25	2.0	ug/L			06/13/17 06:47	5
Bromoform	25	U	25	1.3	ug/L			06/13/17 06:47	5
Bromomethane	50	U	50	3.5	ug/L			06/13/17 06:47	5
Carbon disulfide	25	U	25	0.95	ug/L			06/13/17 06:47	5
Carbon tetrachloride	25	U	25	1.4	ug/L			06/13/17 06:47	5
Chlorobenzene	25	U	25	3.8	ug/L			06/13/17 06:47	5
Chloroethane	50	U	50	1.6	ug/L			06/13/17 06:47	5
Chloroform	25	U	25	1.7	ug/L			06/13/17 06:47	5
Chloromethane	50	U	50	1.8	ug/L			06/13/17 06:47	5
cis-1,2-Dichloroethene	25	U	25	4.1	ug/L			06/13/17 06:47	5
cis-1,3-Dichloropropene	25	U	25	1.8	ug/L			06/13/17 06:47	5
Dibromochloromethane	25	U	25	1.6	ug/L			06/13/17 06:47	5
Ethyl ether	50	U	50	3.6	ug/L			06/13/17 06:47	5
Ethylbenzene	25	U	25	3.7	ug/L			06/13/17 06:47	5
m&p-Xylene	25	U	25	3.3	ug/L			06/13/17 06:47	5
Methylene Chloride	25	U	25	2.2	ug/L			06/13/17 06:47	5
o-Xylene	25	U	25	3.8	ug/L			06/13/17 06:47	5
Styrene	25	U	25	3.7	ug/L			06/13/17 06:47	5
Tetrachloroethene	25	U	25	1.8	ug/L			06/13/17 06:47	5
Toluene	25	U	25	2.6	ug/L			06/13/17 06:47	5
trans-1,2-Dichloroethene	25	U	25	4.5	ug/L			06/13/17 06:47	5
trans-1,3-Dichloropropene	25	U	25	1.9	ug/L			06/13/17 06:47	5
Trichloroethene	25	U	25	2.3	ug/L			06/13/17 06:47	5
Vinyl chloride	50	U	50	4.5	ug/L			06/13/17 06:47	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 06:47*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*06/13/17 06:47*	*5*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/13/17 06:47*	*5*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/13/17 06:47*	*5*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*06/13/17 06:47*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/13/17 18:13	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/13/17 18:13	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060817-BP-010
Date Collected: 06/08/17 12:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 18:13	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 18:13	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 18:13	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/13/17 18:13	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/13/17 18:13	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/13/17 18:13	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 18:13	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/13/17 18:13	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 18:13	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 18:13	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 18:13	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/13/17 18:13	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/13/17 18:13	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/13/17 18:13	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/13/17 18:13	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/13/17 18:13	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/13/17 18:13	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 18:13	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 18:13	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 18:13	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 18:13	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/13/17 18:13	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/13/17 18:13	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 18:13	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 18:13	1
Bis(2-ethylhexyl) phthalate	5.0	U F2	5.0	2.2	ug/L		06/12/17 14:44	06/13/17 18:13	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/13/17 18:13	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/13/17 18:13	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/13/17 18:13	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/13/17 18:13	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/13/17 18:13	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/13/17 18:13	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 18:13	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/13/17 18:13	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 18:13	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 18:13	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 18:13	1

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-060817-BP-010
Date Collected: 06/08/17 12:00
Date Received: 06/09/17 09:20

Lab Sample ID: 480-119294-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 18:13	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/13/17 18:13	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 18:13	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 18:13	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 18:13	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/13/17 18:13	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/13/17 18:13	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/13/17 18:13	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/13/17 18:13	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 18:13	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 18:13	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/13/17 18:13	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/13/17 18:13	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 18:13	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*17*	*T J*	*ug/L*		*3.87*		*06/12/17 14:44*	*06/13/17 18:13*	*1*
Benzene, 1,3-dimethyl-	*1.6*	*T J N*	*ug/L*		*4.23*	*108-38-3*	*06/12/17 14:44*	*06/13/17 18:13*	*1*
Cyclopentasiloxane, decamethyl-	*2.7*	*T J N*	*ug/L*		*6.23*	*541-02-6*	*06/12/17 14:44*	*06/13/17 18:13*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*41 - 120*	*06/12/17 14:44*	*06/13/17 18:13*	*1*
2-Fluorobiphenyl	*90*		*48 - 120*	*06/12/17 14:44*	*06/13/17 18:13*	*1*
2-Fluorophenol (Surr)	*63*		*35 - 120*	*06/12/17 14:44*	*06/13/17 18:13*	*1*
Nitrobenzene-d5 (Surr)	*96*		*46 - 120*	*06/12/17 14:44*	*06/13/17 18:13*	*1*
Phenol-d5 (Surr)	*53*		*22 - 120*	*06/12/17 14:44*	*06/13/17 18:13*	*1*
p-Terphenyl-d14 (Surr)	*83*		*59 - 136*	*06/12/17 14:44*	*06/13/17 18:13*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: TRIP BLANK
Date Collected: 06/22/17 00:00
Date Received: 06/23/17 09:00

Lab Sample ID: 480-120077-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			06/30/17 14:46	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/30/17 14:46	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/30/17 14:46	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/30/17 14:46	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/30/17 14:46	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/30/17 14:46	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/30/17 14:46	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/30/17 14:46	1
2-Hexanone	10	U	10	1.2	ug/L			06/30/17 14:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/30/17 14:46	1
Acetone	10	U	10	3.0	ug/L			06/30/17 14:46	1
Benzene	1.0	U	1.0	0.41	ug/L			06/30/17 14:46	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/30/17 14:46	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/30/17 14:46	1
Bromomethane	10	U	10	0.69	ug/L			06/30/17 14:46	1
Carbon disulfide	**0.30**	**J**	5.0	0.19	ug/L			06/30/17 14:46	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/30/17 14:46	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/30/17 14:46	1
Chloroethane	10	U	10	0.32	ug/L			06/30/17 14:46	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/30/17 14:46	1
Chloromethane	10	U	10	0.35	ug/L			06/30/17 14:46	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/30/17 14:46	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/30/17 14:46	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/30/17 14:46	1
Ethyl ether	10	U	10	0.72	ug/L			06/30/17 14:46	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/30/17 14:46	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/30/17 14:46	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/30/17 14:46	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/30/17 14:46	1
Styrene	5.0	U	5.0	0.73	ug/L			06/30/17 14:46	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/30/17 14:46	1
Toluene	5.0	U	5.0	0.51	ug/L			06/30/17 14:46	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/30/17 14:46	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/30/17 14:46	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/30/17 14:46	1
Vinyl chloride	10	U	10	0.90	ug/L			06/30/17 14:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*30*	*T J N*	*ug/L*		*12.88*	*91-20-3*		*06/30/17 14:46*	*1*
Naphthalene, 1-methyl-	*4.7*	*T J N*	*ug/L*		*13.80*	*90-12-0*		*06/30/17 14:46*	*1*
1,4-Methanonaphthalene, 1,4-dihydro-	*35*	*T J N*	*ug/L*		*13.95*	*4453-90-1*		*06/30/17 14:46*	*1*
Unknown	*8.6*	*T J*	*ug/L*		*14.37*			*06/30/17 14:46*	*1*
Naphthalene, 1,5-dimethyl-	*3.3*	*T J N*	*ug/L*		*14.62*	*571-61-9*		*06/30/17 14:46*	*1*
Naphthalene, 1,6-dimethyl-	*7.4*	*T J N*	*ug/L*		*14.75*	*575-43-9*		*06/30/17 14:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/30/17 14:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*06/30/17 14:46*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/30/17 14:46*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: TRIP BLANK
Date Collected: 06/22/17 00:00
Date Received: 06/23/17 09:00

Lab Sample ID: 480-120077-1
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*06/30/17 14:46*	*1*

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-062217-BP-011
Date Collected: 06/22/17 12:30
Date Received: 06/23/17 09:00

Lab Sample ID: 480-120077-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	25	U	25	4.1	ug/L			07/03/17 14:00	5
1,1,2,2-Tetrachloroethane	25	U	25	1.1	ug/L			07/03/17 14:00	5
1,1,2-Trichloroethane	25	U	25	1.2	ug/L			07/03/17 14:00	5
1,1-Dichloroethane	25	U	25	1.9	ug/L			07/03/17 14:00	5
1,1-Dichloroethene	25	U	25	1.5	ug/L			07/03/17 14:00	5
1,2-Dichloroethane	25	U	25	1.1	ug/L			07/03/17 14:00	5
1,2-Dichloropropane	25	U	25	3.6	ug/L			07/03/17 14:00	5
2-Butanone (MEK)	50	U	50	6.6	ug/L			07/03/17 14:00	5
2-Hexanone	50	U	50	6.2	ug/L			07/03/17 14:00	5
4-Methyl-2-pentanone (MIBK)	50	U	50	11	ug/L			07/03/17 14:00	5
Acetone	50	U	50	15	ug/L			07/03/17 14:00	5
Benzene	5.0	U	5.0	2.1	ug/L			07/03/17 14:00	5
Bromodichloromethane	25	U	25	2.0	ug/L			07/03/17 14:00	5
Bromoform	25	U	25	1.3	ug/L			07/03/17 14:00	5
Bromomethane	50	U	50	3.5	ug/L			07/03/17 14:00	5
Carbon disulfide	25	U	25	0.95	ug/L			07/03/17 14:00	5
Carbon tetrachloride	25	U	25	1.4	ug/L			07/03/17 14:00	5
Chlorobenzene	25	U	25	3.8	ug/L			07/03/17 14:00	5
Chloroethane	50	U	50	1.6	ug/L			07/03/17 14:00	5
Chloroform	25	U	25	1.7	ug/L			07/03/17 14:00	5
Chloromethane	50	U	50	1.8	ug/L			07/03/17 14:00	5
cis-1,2-Dichloroethene	25	U	25	4.1	ug/L			07/03/17 14:00	5
cis-1,3-Dichloropropene	25	U	25	1.8	ug/L			07/03/17 14:00	5
Dibromochloromethane	25	U	25	1.6	ug/L			07/03/17 14:00	5
Ethyl ether	**230**		50	3.6	ug/L			07/03/17 14:00	5
Ethylbenzene	25	U	25	3.7	ug/L			07/03/17 14:00	5
m&p-Xylene	25	U	25	3.3	ug/L			07/03/17 14:00	5
Methylene Chloride	25	U	25	2.2	ug/L			07/03/17 14:00	5
o-Xylene	25	U	25	3.8	ug/L			07/03/17 14:00	5
Styrene	25	U	25	3.7	ug/L			07/03/17 14:00	5
Tetrachloroethene	25	U	25	1.8	ug/L			07/03/17 14:00	5
Toluene	25	U	25	2.6	ug/L			07/03/17 14:00	5
trans-1,2-Dichloroethene	25	U	25	4.5	ug/L			07/03/17 14:00	5
trans-1,3-Dichloropropene	25	U	25	1.9	ug/L			07/03/17 14:00	5
Trichloroethene	25	U	25	2.3	ug/L			07/03/17 14:00	5
Vinyl chloride	50	U	50	4.5	ug/L			07/03/17 14:00	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/03/17 14:00*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*07/03/17 14:00*	*5*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/03/17 14:00*	*5*
Toluene-d8 (Surr)	*105*		*80 - 120*		*07/03/17 14:00*	*5*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*07/03/17 14:00*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	100	U	100	4.4	ug/L		06/26/17 14:15	06/29/17 22:43	10
1,2-Dichlorobenzene	100	U	100	4.0	ug/L		06/26/17 14:15	06/29/17 22:43	10

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-062217-BP-011
Date Collected: 06/22/17 12:30
Date Received: 06/23/17 09:00

Lab Sample ID: 480-120077-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	100	U	100	4.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
1,4-Dichlorobenzene	100	U	100	4.6	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,4,5-Trichlorophenol	50	U	50	4.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,4,6-Trichlorophenol	50	U	50	6.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,4-Dichlorophenol	50	U	50	5.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,4-Dimethylphenol	50	U	50	5.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,4-Dinitrophenol	100	U	100	22	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,4-Dinitrotoluene	50	U	50	4.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
2,6-Dinitrotoluene	50	U	50	4.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
2-Chloronaphthalene	50	U	50	4.6	ug/L		06/26/17 14:15	06/29/17 22:43	10
2-Chlorophenol	50	U	50	5.3	ug/L		06/26/17 14:15	06/29/17 22:43	10
2-Methylnaphthalene	50	U	50	6.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
2-Methylphenol	50	U	50	4.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
2-Nitroaniline	100	U	100	4.2	ug/L		06/26/17 14:15	06/29/17 22:43	10
2-Nitrophenol	50	U	50	4.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
3,3'-Dichlorobenzidine	50	U	50	4.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
3-Nitroaniline	100	U	100	4.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
4,6-Dinitro-2-methylphenol	100	U	100	22	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Bromophenyl phenyl ether	50	U	50	4.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Chloro-3-methylphenol	50	U	50	4.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Chloroaniline	50	U	50	5.9	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Chlorophenyl phenyl ether	50	U	50	3.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Methylphenol	100	U	100	3.6	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Nitroaniline	100	U	100	2.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
4-Nitrophenol	100	U	100	15	ug/L		06/26/17 14:15	06/29/17 22:43	10
Acenaphthene	50	U	50	4.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
Acenaphthylene	50	U	50	3.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
Anthracene	50	U	50	2.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
Benzaldehyde	50	U	50	2.7	ug/L		06/26/17 14:15	06/29/17 22:43	10
Benzo[a]anthracene	50	U	50	3.6	ug/L		06/26/17 14:15	06/29/17 22:43	10
Benzo[a]pyrene	50	U	50	4.7	ug/L		06/26/17 14:15	06/29/17 22:43	10
Benzo[b]fluoranthene	50	U	50	3.4	ug/L		06/26/17 14:15	06/29/17 22:43	10
Benzo[g,h,i]perylene	50	U	50	3.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
Benzo[k]fluoranthene	50	U	50	7.3	ug/L		06/26/17 14:15	06/29/17 22:43	10
bis (2-chloroisopropyl) ether	50	U	50	5.2	ug/L		06/26/17 14:15	06/29/17 22:43	10
Bis(2-chloroethoxy)methane	50	U	50	3.5	ug/L		06/26/17 14:15	06/29/17 22:43	10
Bis(2-chloroethyl)ether	50	U	50	4.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
Bis(2-ethylhexyl) phthalate	50	U	50	22	ug/L		06/26/17 14:15	06/29/17 22:43	10
Butyl benzyl phthalate	50	U	50	10	ug/L		06/26/17 14:15	06/29/17 22:43	10
Carbazole	50	U	50	3.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
Chrysene	50	U	50	3.3	ug/L		06/26/17 14:15	06/29/17 22:43	10
Dibenz(a,h)anthracene	50	U	50	4.2	ug/L		06/26/17 14:15	06/29/17 22:43	10
Dibenzofuran	100	U	100	5.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
Diethyl phthalate	50	U	50	2.2	ug/L		06/26/17 14:15	06/29/17 22:43	10
Dimethyl phthalate	50	U	50	3.6	ug/L		06/26/17 14:15	06/29/17 22:43	10
Di-n-butyl phthalate	50	U	50	3.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
Di-n-octyl phthalate	50	U	50	4.7	ug/L		06/26/17 14:15	06/29/17 22:43	10
Fluoranthene	50	U	50	4.0	ug/L		06/26/17 14:15	06/29/17 22:43	10
Fluorene	50	U	50	3.6	ug/L		06/26/17 14:15	06/29/17 22:43	10

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: WG-007830-062217-BP-011
Date Collected: 06/22/17 12:30
Date Received: 06/23/17 09:00

Lab Sample ID: 480-120077-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	50	U	50	5.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
Hexachlorobutadiene	50	U	50	6.8	ug/L		06/26/17 14:15	06/29/17 22:43	10
Hexachlorocyclopentadiene	50	U	50	5.9	ug/L		06/26/17 14:15	06/29/17 22:43	10
Hexachloroethane	50	U	50	5.9	ug/L		06/26/17 14:15	06/29/17 22:43	10
Indeno[1,2,3-cd]pyrene	50	U	50	4.7	ug/L		06/26/17 14:15	06/29/17 22:43	10
Isophorone	50	U	50	4.3	ug/L		06/26/17 14:15	06/29/17 22:43	10
Naphthalene	50	U	50	7.6	ug/L		06/26/17 14:15	06/29/17 22:43	10
Nitrobenzene	50	U	50	2.9	ug/L		06/26/17 14:15	06/29/17 22:43	10
N-Nitrosodi-n-propylamine	50	U	50	5.4	ug/L		06/26/17 14:15	06/29/17 22:43	10
N-Nitrosodiphenylamine	50	U	50	5.1	ug/L		06/26/17 14:15	06/29/17 22:43	10
Pentachlorophenol	100	U	100	22	ug/L		06/26/17 14:15	06/29/17 22:43	10
Phenanthrene	50	U	50	4.4	ug/L		06/26/17 14:15	06/29/17 22:43	10
Phenol	50	U	50	3.9	ug/L		06/26/17 14:15	06/29/17 22:43	10
Pyrene	50	U	50	3.4	ug/L		06/26/17 14:15	06/29/17 22:43	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Chloroiodomethane	*38*	*T J N*	*ug/L*		*2.30*	*593-71-5*	*06/26/17 14:15*	*06/29/17 22:43*	*10*
Unknown	*58*	*T J*	*ug/L*		*3.87*		*06/26/17 14:15*	*06/29/17 22:43*	*10*
Unknown	*19*	*T J*	*ug/L*		*9.69*		*06/26/17 14:15*	*06/29/17 22:43*	*10*
Phenobarbital	*28*	*T J N*	*ug/L*		*9.93*	*50-06-6*	*06/26/17 14:15*	*06/29/17 22:43*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*41 - 120*	*06/26/17 14:15*	*06/29/17 22:43*	*10*
2-Fluorobiphenyl	*72*		*48 - 120*	*06/26/17 14:15*	*06/29/17 22:43*	*10*
2-Fluorophenol (Surr)	*67*		*35 - 120*	*06/26/17 14:15*	*06/29/17 22:43*	*10*
Nitrobenzene-d5 (Surr)	*71*		*46 - 120*	*06/26/17 14:15*	*06/29/17 22:43*	*10*
Phenol-d5 (Surr)	*44*		*22 - 120*	*06/26/17 14:15*	*06/29/17 22:43*	*10*
p-Terphenyl-d14 (Surr)	*55*	*X*	*59 - 136*	*06/26/17 14:15*	*06/29/17 22:43*	*10*

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-119294-1	WG-007830-060717-BP-001	101	105	92	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-119294-2	WG-007830-060717-BP-002	103	106	92	103
480-119294-2 - DL	WG-007830-060717-BP-002	105	108	96	104
480-119294-2 MS	WG-007830-060717-BP-002	105	109	97	106
480-119294-2 MSD	WG-007830-060717-BP-002	104	109	96	107
480-119294-3	WG-007830-060717-BP-003	102	104	92	100
480-119294-4	WG-007830-060717-BP-004	105	107	95	106
480-119294-5	WG-007830-060717-BP-005	104	106	93	106
480-119294-6	WG-007830-060717-BP-006	105	106	95	107
480-119294-7	WG-007830-060717-BP-007	107	107	95	106
480-119294-8	WG-007830-060717-BP-008	103	106	92	104
480-119294-9	WG-007830-060817-BP-009	102	105	93	102
480-119294-10	WG-007830-060817-BP-010	105	106	92	105
480-120077-1	TRIP BLANK	110	98	103	110
480-120077-2	WG-007830-062217-BP-011	112	98	105	111
LCS 480-361709/5	Lab Control Sample	98	107	95	102
LCS 480-361785/5	Lab Control Sample	102	107	98	107
LCS 480-364910/4	Lab Control Sample	111	98	105	109
LCS 480-365199/4	Lab Control Sample	107	98	107	109
MB 480-361709/7	Method Blank	99	106	95	99
MB 480-361785/7	Method Blank	103	107	98	105
MB 480-364910/6	Method Blank	108	99	104	111
MB 480-365199/6	Method Blank	110	99	106	107

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-119294-1	WG-007830-060717-BP-001	100	88	76	97	58	101

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Surrogate Legend

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

Method: 8270D - 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	(41-120)	(48-120)	(35-120)	(46-120)	(22-120)	(59-136)
480-119294-2	WG-007830-060717-BP-002	70	75	52	78	48	71
480-119294-3	WG-007830-060717-BP-003	82	91	64	96	57	87
480-119294-4	WG-007830-060717-BP-004	70	77	55	81	49	72
480-119294-5	WG-007830-060717-BP-005	78	82	57	87	52	78
480-119294-6	WG-007830-060717-BP-006	79	82	56	86	51	76
480-119294-7	WG-007830-060717-BP-007	84	92	64	97	58	91
480-119294-8	WG-007830-060717-BP-008	75	82	59	88	54	79
480-119294-9	WG-007830-060817-BP-009	83	88	60	92	54	81
480-119294-10	WG-007830-060817-BP-010	88	90	63	96	53	83
480-119294-10 MS	WG-007830-060817-BP-010	88	87	65	90	55	62
480-119294-10 MSD	WG-007830-060817-BP-010	88	88	63	89	54	66
480-120077-2	WG-007830-062217-BP-011	55	72	67	71	44	55 X
LCS 480-361460/2-A	Lab Control Sample	109	85	80	97	64	98
LCS 480-361684/2-A	Lab Control Sample	83	85	65	88	55	89
LCS 480-364021/2-A	Lab Control Sample	98	86	77	88	62	85
LCSD 480-361460/3-A	Lab Control Sample Dup	104	86	80	96	65	95
MB 480-361460/1-A	Method Blank	97	89	77	101	59	102
MB 480-361684/1-A	Method Blank	72	85	63	92	52	91
MB 480-364021/1-A	Method Blank	66	75	71	84	55	93

Surrogate Legend

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

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

Lab Sample ID: MB 480-361709/7
Matrix: Water
Analysis Batch: 361709

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			06/12/17 23:00	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/12/17 23:00	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/12/17 23:00	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/12/17 23:00	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/12/17 23:00	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/12/17 23:00	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/12/17 23:00	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/12/17 23:00	1
2-Hexanone	10	U	10	1.2	ug/L			06/12/17 23:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/12/17 23:00	1
Acetone	10	U	10	3.0	ug/L			06/12/17 23:00	1
Benzene	1.0	U	1.0	0.41	ug/L			06/12/17 23:00	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/12/17 23:00	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/12/17 23:00	1
Bromomethane	10	U	10	0.69	ug/L			06/12/17 23:00	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/12/17 23:00	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/12/17 23:00	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/12/17 23:00	1
Chloroethane	10	U	10	0.32	ug/L			06/12/17 23:00	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/12/17 23:00	1
Chloromethane	10	U	10	0.35	ug/L			06/12/17 23:00	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/12/17 23:00	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/12/17 23:00	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/12/17 23:00	1
Ethyl ether	10	U	10	0.72	ug/L			06/12/17 23:00	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/12/17 23:00	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/12/17 23:00	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/12/17 23:00	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/12/17 23:00	1
Styrene	5.0	U	5.0	0.73	ug/L			06/12/17 23:00	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/12/17 23:00	1
Toluene	5.0	U	5.0	0.51	ug/L			06/12/17 23:00	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/12/17 23:00	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/12/17 23:00	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/12/17 23:00	1
Vinyl chloride	10	U	10	0.90	ug/L			06/12/17 23:00	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/12/17 23:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/12/17 23:00*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/12/17 23:00*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/12/17 23:00*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*06/12/17 23:00*	*1*

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

Lab Sample ID: LCS 480-361709/5
Matrix: Water
Analysis Batch: 361709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.4		ug/L		86	76 - 120
1,1,2-Trichloroethane	25.0	22.3		ug/L		89	76 - 122
1,1-Dichloroethane	25.0	21.8		ug/L		87	77 - 120
1,1-Dichloroethene	25.0	23.5		ug/L		94	66 - 127
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
2-Butanone (MEK)	125	98.9		ug/L		79	57 - 140
2-Hexanone	125	96.8		ug/L		77	65 - 127
4-Methyl-2-pentanone (MIBK)	125	95.9		ug/L		77	71 - 125
Acetone	125	108		ug/L		86	56 - 142
Benzene	25.0	22.7		ug/L		91	71 - 124
Bromodichloromethane	25.0	25.1		ug/L		100	80 - 122
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	22.4		ug/L		90	55 - 144
Carbon disulfide	25.0	22.6		ug/L		90	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		100	72 - 134
Chlorobenzene	25.0	23.4		ug/L		93	80 - 120
Chloroethane	25.0	20.2		ug/L		81	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	19.6		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	74 - 124
cis-1,3-Dichloropropene	25.0	23.4		ug/L		93	74 - 124
Dibromochloromethane	25.0	24.9		ug/L		99	75 - 125
Ethyl ether	25.0	21.9		ug/L		88	76 - 123
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
m&p-Xylene	25.0	23.2		ug/L		93	76 - 122
Methylene Chloride	25.0	23.6		ug/L		94	75 - 124
o-Xylene	25.0	23.2		ug/L		93	76 - 122
Styrene	25.0	23.9		ug/L		95	80 - 120
Tetrachloroethene	25.0	23.0		ug/L		92	74 - 122
Toluene	25.0	22.6		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	22.9		ug/L		92	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Vinyl chloride	25.0	22.6		ug/L		90	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*

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

Lab Sample ID: MB 480-361785/7
Matrix: Water
Analysis Batch: 361785

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			06/13/17 12:39	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 12:39	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/13/17 12:39	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/13/17 12:39	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/13/17 12:39	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/13/17 12:39	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/13/17 12:39	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/13/17 12:39	1
2-Hexanone	10	U	10	1.2	ug/L			06/13/17 12:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/13/17 12:39	1
Acetone	10	U	10	3.0	ug/L			06/13/17 12:39	1
Benzene	1.0	U	1.0	0.41	ug/L			06/13/17 12:39	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/13/17 12:39	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/13/17 12:39	1
Bromomethane	10	U	10	0.69	ug/L			06/13/17 12:39	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/13/17 12:39	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/13/17 12:39	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/13/17 12:39	1
Chloroethane	10	U	10	0.32	ug/L			06/13/17 12:39	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/13/17 12:39	1
Chloromethane	10	U	10	0.35	ug/L			06/13/17 12:39	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/13/17 12:39	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/13/17 12:39	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/13/17 12:39	1
Ethyl ether	10	U	10	0.72	ug/L			06/13/17 12:39	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/13/17 12:39	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/13/17 12:39	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/13/17 12:39	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/13/17 12:39	1
Styrene	5.0	U	5.0	0.73	ug/L			06/13/17 12:39	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/13/17 12:39	1
Toluene	5.0	U	5.0	0.51	ug/L			06/13/17 12:39	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/13/17 12:39	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/13/17 12:39	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/13/17 12:39	1
Vinyl chloride	10	U	10	0.90	ug/L			06/13/17 12:39	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/13/17 12:39*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*06/13/17 12:39*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*06/13/17 12:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/13/17 12:39*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*06/13/17 12:39*	*1*

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

Lab Sample ID: LCS 480-361785/5
Matrix: Water
Analysis Batch: 361785

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	29.4		ug/L		117	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	76 - 120
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	27.3		ug/L		109	66 - 127
1,2-Dichloroethane	25.0	27.1		ug/L		109	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
2-Butanone (MEK)	125	108		ug/L		86	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	28.1		ug/L		112	80 - 122
Bromoform	25.0	27.0		ug/L		108	61 - 132
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	25.6		ug/L		103	59 - 134
Carbon tetrachloride	25.0	29.9		ug/L		120	72 - 134
Chlorobenzene	25.0	26.0		ug/L		104	80 - 120
Chloroethane	25.0	22.1		ug/L		88	69 - 136
Chloroform	25.0	26.1		ug/L		105	73 - 127
Chloromethane	25.0	19.8		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Dibromochloromethane	25.0	26.8		ug/L		107	75 - 125
Ethyl ether	25.0	23.3		ug/L		93	76 - 123
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
m&p-Xylene	25.0	26.1		ug/L		104	76 - 122
Methylene Chloride	25.0	26.1		ug/L		105	75 - 124
o-Xylene	25.0	25.8		ug/L		103	76 - 122
Styrene	25.0	26.3		ug/L		105	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	74 - 122
Toluene	25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	80 - 120
Trichloroethene	25.0	26.3		ug/L		105	74 - 123
Vinyl chloride	25.0	23.7		ug/L		95	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

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

Lab Sample ID: 480-119294-2 MS
Matrix: Water
Analysis Batch: 361785

Client Sample ID: WG-007830-060717-BP-002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	100	U	500	599		ug/L		120	73 - 126
1,1,2,2-Tetrachloroethane	100	U	500	437		ug/L		87	76 - 120
1,1,2-Trichloroethane	100	U	500	463		ug/L		93	76 - 122
1,1-Dichloroethane	100	U	500	487		ug/L		97	77 - 120
1,1-Dichloroethene	100	U	500	522		ug/L		104	66 - 127
1,2-Dichloroethane	100	U	500	554		ug/L		111	75 - 120
1,2-Dichloropropane	100	U	500	463		ug/L		93	76 - 120
2-Butanone (MEK)	200	U	2500	2020		ug/L		81	57 - 140
2-Hexanone	200	U	2500	1970		ug/L		79	65 - 127
4-Methyl-2-pentanone (MIBK)	200	U	2500	2000		ug/L		80	71 - 125
Acetone	200	U	2500	2130		ug/L		85	56 - 142
Benzene	20	U	500	490		ug/L		98	71 - 124
Bromodichloromethane	100	U	500	560		ug/L		112	80 - 122
Bromoform	100	U	500	527		ug/L		105	61 - 132
Bromomethane	200	U	500	472		ug/L		94	55 - 144
Carbon disulfide	100	U	500	497		ug/L		99	59 - 134
Carbon tetrachloride	100	U	500	622		ug/L		124	72 - 134
Chlorobenzene	100	U	500	506		ug/L		101	80 - 120
Chloroethane	200	U	500	433		ug/L		87	69 - 136
Chloroform	100	U	500	519		ug/L		104	73 - 127
Chloromethane	200	U	500	383		ug/L		77	68 - 124
cis-1,2-Dichloroethene	100	U	500	485		ug/L		97	74 - 124
cis-1,3-Dichloropropene	100	U	500	474		ug/L		95	74 - 124
Dibromochloromethane	100	U	500	530		ug/L		106	75 - 125
Ethyl ether	1400	F1	500	1740	F1	ug/L		61	76 - 123
Ethylbenzene	100	U	500	500		ug/L		100	77 - 123
m&p-Xylene	100	U	500	505		ug/L		101	76 - 122
Methylene Chloride	100	U	500	503		ug/L		101	75 - 124
o-Xylene	100	U	500	503		ug/L		101	76 - 122
Styrene	100	U	500	506		ug/L		101	80 - 120
Tetrachloroethene	100	U	500	530		ug/L		106	74 - 122
Toluene	100	U	500	485		ug/L		97	80 - 122
trans-1,2-Dichloroethene	100	U	500	491		ug/L		98	73 - 127
trans-1,3-Dichloropropene	100	U	500	476		ug/L		95	80 - 120
Trichloroethene	100	U	500	524		ug/L		105	74 - 123
Vinyl chloride	200	U	500	462		ug/L		92	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

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

Lab Sample ID: 480-119294-2 MSD
Matrix: Water
Analysis Batch: 361785

Client Sample ID: WG-007830-060717-BP-002
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	100	U	500	583		ug/L		117	73 - 126	3	15
1,1,2,2-Tetrachloroethane	100	U	500	439		ug/L		88	76 - 120	0	15
1,1,2-Trichloroethane	100	U	500	463		ug/L		93	76 - 122	0	15
1,1-Dichloroethane	100	U	500	484		ug/L		97	77 - 120	1	20
1,1-Dichloroethene	100	U	500	530		ug/L		106	66 - 127	2	16
1,2-Dichloroethane	100	U	500	542		ug/L		108	75 - 120	2	20
1,2-Dichloropropane	100	U	500	470		ug/L		94	76 - 120	2	20
2-Butanone (MEK)	200	U	2500	2060		ug/L		82	57 - 140	2	20
2-Hexanone	200	U	2500	1990		ug/L		79	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	200	U	2500	2000		ug/L		80	71 - 125	0	35
Acetone	200	U	2500	2130		ug/L		85	56 - 142	0	15
Benzene	20	U	500	482		ug/L		96	71 - 124	2	13
Bromodichloromethane	100	U	500	552		ug/L		110	80 - 122	1	15
Bromoform	100	U	500	529		ug/L		106	61 - 132	0	15
Bromomethane	200	U	500	467		ug/L		93	55 - 144	1	15
Carbon disulfide	100	U	500	495		ug/L		99	59 - 134	0	15
Carbon tetrachloride	100	U	500	606		ug/L		121	72 - 134	3	15
Chlorobenzene	100	U	500	499		ug/L		100	80 - 120	1	25
Chloroethane	200	U	500	427		ug/L		85	69 - 136	2	15
Chloroform	100	U	500	511		ug/L		102	73 - 127	1	20
Chloromethane	200	U	500	397		ug/L		79	68 - 124	3	15
cis-1,2-Dichloroethene	100	U	500	478		ug/L		96	74 - 124	1	15
cis-1,3-Dichloropropene	100	U	500	479		ug/L		96	74 - 124	1	15
Dibromochloromethane	100	U	500	529		ug/L		106	75 - 125	0	15
Ethyl ether	1400	F1	500	1750	F1	ug/L		63	76 - 123	0	20
Ethylbenzene	100	U	500	494		ug/L		99	77 - 123	1	15
m&p-Xylene	100	U	500	501		ug/L		100	76 - 122	1	16
Methylene Chloride	100	U	500	504		ug/L		101	75 - 124	0	15
o-Xylene	100	U	500	502		ug/L		100	76 - 122	0	16
Styrene	100	U	500	497		ug/L		99	80 - 120	2	20
Tetrachloroethene	100	U	500	511		ug/L		102	74 - 122	4	20
Toluene	100	U	500	486		ug/L		97	80 - 122	0	15
trans-1,2-Dichloroethene	100	U	500	480		ug/L		96	73 - 127	2	20
trans-1,3-Dichloropropene	100	U	500	466		ug/L		93	80 - 120	2	15
Trichloroethene	100	U	500	516		ug/L		103	74 - 123	2	16
Vinyl chloride	200	U	500	474		ug/L		95	65 - 133	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

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

Lab Sample ID: MB 480-364910/6
Matrix: Water
Analysis Batch: 364910

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			06/30/17 12:28	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			06/30/17 12:28	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			06/30/17 12:28	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			06/30/17 12:28	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			06/30/17 12:28	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			06/30/17 12:28	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			06/30/17 12:28	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			06/30/17 12:28	1
2-Hexanone	10	U	10	1.2	ug/L			06/30/17 12:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			06/30/17 12:28	1
Acetone	10	U	10	3.0	ug/L			06/30/17 12:28	1
Benzene	1.0	U	1.0	0.41	ug/L			06/30/17 12:28	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			06/30/17 12:28	1
Bromoform	5.0	U	5.0	0.26	ug/L			06/30/17 12:28	1
Bromomethane	10	U	10	0.69	ug/L			06/30/17 12:28	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			06/30/17 12:28	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			06/30/17 12:28	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			06/30/17 12:28	1
Chloroethane	10	U	10	0.32	ug/L			06/30/17 12:28	1
Chloroform	5.0	U	5.0	0.34	ug/L			06/30/17 12:28	1
Chloromethane	10	U	10	0.35	ug/L			06/30/17 12:28	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			06/30/17 12:28	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			06/30/17 12:28	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			06/30/17 12:28	1
Ethyl ether	10	U	10	0.72	ug/L			06/30/17 12:28	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			06/30/17 12:28	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			06/30/17 12:28	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			06/30/17 12:28	1
o-Xylene	5.0	U	5.0	0.76	ug/L			06/30/17 12:28	1
Styrene	5.0	U	5.0	0.73	ug/L			06/30/17 12:28	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			06/30/17 12:28	1
Toluene	5.0	U	5.0	0.51	ug/L			06/30/17 12:28	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			06/30/17 12:28	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			06/30/17 12:28	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			06/30/17 12:28	1
Vinyl chloride	10	U	10	0.90	ug/L			06/30/17 12:28	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/30/17 12:28*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*06/30/17 12:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*06/30/17 12:28*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*06/30/17 12:28*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*06/30/17 12:28*	*1*

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

Lab Sample ID: LCS 480-364910/4
Matrix: Water
Analysis Batch: 364910

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	76 - 120
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	24.5		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	25.9		ug/L		104	66 - 127
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
2-Butanone (MEK)	125	140		ug/L		112	57 - 140
2-Hexanone	125	132		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	151		ug/L		121	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122
Bromoform	25.0	24.5		ug/L		98	61 - 132
Bromomethane	25.0	31.2		ug/L		125	55 - 144
Carbon disulfide	25.0	25.3		ug/L		101	59 - 134
Carbon tetrachloride	25.0	26.1		ug/L		104	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	80 - 120
Chloroethane	25.0	27.7		ug/L		111	69 - 136
Chloroform	25.0	23.6		ug/L		94	73 - 127
Chloromethane	25.0	23.1		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	74 - 124
Dibromochloromethane	25.0	25.0		ug/L		100	75 - 125
Ethyl ether	25.0	25.2		ug/L		101	76 - 123
Ethylbenzene	25.0	25.4		ug/L		102	77 - 123
m&p-Xylene	25.0	26.4		ug/L		106	76 - 122
Methylene Chloride	25.0	23.2		ug/L		93	75 - 124
o-Xylene	25.0	25.3		ug/L		101	76 - 122
Styrene	25.0	25.9		ug/L		104	80 - 120
Tetrachloroethene	25.0	24.6		ug/L		98	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	80 - 120
Trichloroethene	25.0	25.9		ug/L		103	74 - 123
Vinyl chloride	25.0	24.3		ug/L		97	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

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

Lab Sample ID: MB 480-365199/6
Matrix: Water
Analysis Batch: 365199

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			07/03/17 11:45	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.21	ug/L			07/03/17 11:45	1
1,1,2-Trichloroethane	5.0	U	5.0	0.23	ug/L			07/03/17 11:45	1
1,1-Dichloroethane	5.0	U	5.0	0.38	ug/L			07/03/17 11:45	1
1,1-Dichloroethene	5.0	U	5.0	0.29	ug/L			07/03/17 11:45	1
1,2-Dichloroethane	5.0	U	5.0	0.21	ug/L			07/03/17 11:45	1
1,2-Dichloropropane	5.0	U	5.0	0.72	ug/L			07/03/17 11:45	1
2-Butanone (MEK)	10	U	10	1.3	ug/L			07/03/17 11:45	1
2-Hexanone	10	U	10	1.2	ug/L			07/03/17 11:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	2.1	ug/L			07/03/17 11:45	1
Acetone	10	U	10	3.0	ug/L			07/03/17 11:45	1
Benzene	1.0	U	1.0	0.41	ug/L			07/03/17 11:45	1
Bromodichloromethane	5.0	U	5.0	0.39	ug/L			07/03/17 11:45	1
Bromoform	5.0	U	5.0	0.26	ug/L			07/03/17 11:45	1
Bromomethane	10	U	10	0.69	ug/L			07/03/17 11:45	1
Carbon disulfide	5.0	U	5.0	0.19	ug/L			07/03/17 11:45	1
Carbon tetrachloride	5.0	U	5.0	0.27	ug/L			07/03/17 11:45	1
Chlorobenzene	5.0	U	5.0	0.75	ug/L			07/03/17 11:45	1
Chloroethane	10	U	10	0.32	ug/L			07/03/17 11:45	1
Chloroform	5.0	U	5.0	0.34	ug/L			07/03/17 11:45	1
Chloromethane	10	U	10	0.35	ug/L			07/03/17 11:45	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.81	ug/L			07/03/17 11:45	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.36	ug/L			07/03/17 11:45	1
Dibromochloromethane	5.0	U	5.0	0.32	ug/L			07/03/17 11:45	1
Ethyl ether	10	U	10	0.72	ug/L			07/03/17 11:45	1
Ethylbenzene	5.0	U	5.0	0.74	ug/L			07/03/17 11:45	1
m&p-Xylene	5.0	U	5.0	0.66	ug/L			07/03/17 11:45	1
Methylene Chloride	5.0	U	5.0	0.44	ug/L			07/03/17 11:45	1
o-Xylene	5.0	U	5.0	0.76	ug/L			07/03/17 11:45	1
Styrene	5.0	U	5.0	0.73	ug/L			07/03/17 11:45	1
Tetrachloroethene	5.0	U	5.0	0.36	ug/L			07/03/17 11:45	1
Toluene	5.0	U	5.0	0.51	ug/L			07/03/17 11:45	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.90	ug/L			07/03/17 11:45	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.37	ug/L			07/03/17 11:45	1
Trichloroethene	5.0	U	5.0	0.46	ug/L			07/03/17 11:45	1
Vinyl chloride	10	U	10	0.90	ug/L			07/03/17 11:45	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*07/03/17 11:45*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*07/03/17 11:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*07/03/17 11:45*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/03/17 11:45*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/03/17 11:45*	*1*

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

Lab Sample ID: LCS 480-365199/4
Matrix: Water
Analysis Batch: 365199

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.6		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	76 - 120
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 120
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
2-Butanone (MEK)	125	120		ug/L		96	57 - 140
2-Hexanone	125	124		ug/L		99	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	124		ug/L		99	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	24.2		ug/L		97	80 - 122
Bromoform	25.0	23.0		ug/L		92	61 - 132
Bromomethane	25.0	29.7		ug/L		119	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	24.7		ug/L		99	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120
Chloroethane	25.0	26.2		ug/L		105	69 - 136
Chloroform	25.0	23.4		ug/L		94	73 - 127
Chloromethane	25.0	22.8		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	26.1		ug/L		105	74 - 124
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125
Ethyl ether	25.0	24.7		ug/L		99	76 - 123
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
m&p-Xylene	25.0	25.0		ug/L		100	76 - 122
Methylene Chloride	25.0	22.5		ug/L		90	75 - 124
o-Xylene	25.0	25.2		ug/L		101	76 - 122
Styrene	25.0	25.4		ug/L		102	80 - 120
Tetrachloroethene	25.0	23.0		ug/L		92	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
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	80 - 120
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Vinyl chloride	25.0	24.3		ug/L		97	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*

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

Lab Sample ID: MB 480-361460/1-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 361460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/10/17 07:24	06/13/17 17:25	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/10/17 07:24	06/13/17 17:25	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/10/17 07:24	06/13/17 17:25	1
1,4-Dichlorobenzene	0.474	J	10	0.46	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/10/17 07:24	06/13/17 17:25	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/13/17 17:25	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/10/17 07:24	06/13/17 17:25	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/10/17 07:24	06/13/17 17:25	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/10/17 07:24	06/13/17 17:25	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/13/17 17:25	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/10/17 07:24	06/13/17 17:25	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/10/17 07:24	06/13/17 17:25	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/13/17 17:25	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/10/17 07:24	06/13/17 17:25	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Methylphenol	10	U	10	0.36	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/10/17 07:24	06/13/17 17:25	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/10/17 07:24	06/13/17 17:25	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/10/17 07:24	06/13/17 17:25	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/10/17 07:24	06/13/17 17:25	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/10/17 07:24	06/13/17 17:25	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/10/17 07:24	06/13/17 17:25	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/10/17 07:24	06/13/17 17:25	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/10/17 07:24	06/13/17 17:25	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/10/17 07:24	06/13/17 17:25	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/10/17 07:24	06/13/17 17:25	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/10/17 07:24	06/13/17 17:25	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/10/17 07:24	06/13/17 17:25	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/10/17 07:24	06/13/17 17:25	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/13/17 17:25	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/10/17 07:24	06/13/17 17:25	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/10/17 07:24	06/13/17 17:25	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/10/17 07:24	06/13/17 17:25	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/10/17 07:24	06/13/17 17:25	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/10/17 07:24	06/13/17 17:25	1
Dibenzofuran	10	U	10	0.51	ug/L		06/10/17 07:24	06/13/17 17:25	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/10/17 07:24	06/13/17 17:25	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/10/17 07:24	06/13/17 17:25	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/10/17 07:24	06/13/17 17:25	1

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

Lab Sample ID: MB 480-361460/1-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 361460

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		06/10/17 07:24	06/13/17 17:25	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/10/17 07:24	06/13/17 17:25	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/10/17 07:24	06/13/17 17:25	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/10/17 07:24	06/13/17 17:25	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/10/17 07:24	06/13/17 17:25	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/10/17 07:24	06/13/17 17:25	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/10/17 07:24	06/13/17 17:25	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/10/17 07:24	06/13/17 17:25	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/10/17 07:24	06/13/17 17:25	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/10/17 07:24	06/13/17 17:25	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/10/17 07:24	06/13/17 17:25	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/10/17 07:24	06/13/17 17:25	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/10/17 07:24	06/13/17 17:25	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/10/17 07:24	06/13/17 17:25	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/10/17 07:24	06/13/17 17:25	1
Phenol	5.0	U	5.0	0.39	ug/L		06/10/17 07:24	06/13/17 17:25	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/10/17 07:24	06/13/17 17:25	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*244*	*T J*	*ug/L*		*2.13*		*06/10/17 07:24*	*06/13/17 17:25*	*1*
Toluene	*3.34*	*T J N*	*ug/L*		*3.06*	*108-88-3*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
Unknown	*2.26*	*T J*	*ug/L*		*3.99*		*06/10/17 07:24*	*06/13/17 17:25*	*1*
Unknown	*20.2*	*T J*	*ug/L*		*4.01*		*06/10/17 07:24*	*06/13/17 17:25*	*1*
Benzene, 1,3-dimethyl-	*2.73*	*T J N*	*ug/L*		*4.36*	*108-38-3*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
Acetophenone	*0.770*	*J*	*ug/L*		*5.96*	*98-86-2*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
Cyclopentasiloxane, decamethyl-	*6.50*	*T J N*	*ug/L*		*6.32*	*541-02-6*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
Cyclohexasiloxane, dodecamethyl-	*2.21*	*T J N*	*ug/L*		*7.19*	*540-97-6*	*06/10/17 07:24*	*06/13/17 17:25*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*41 - 120*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
2-Fluorobiphenyl	*89*		*48 - 120*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
2-Fluorophenol (Surr)	*77*		*35 - 120*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
Nitrobenzene-d5 (Surr)	*101*		*46 - 120*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
Phenol-d5 (Surr)	*59*		*22 - 120*	*06/10/17 07:24*	*06/13/17 17:25*	*1*
p-Terphenyl-d14 (Surr)	*102*		*59 - 136*	*06/10/17 07:24*	*06/13/17 17:25*	*1*

Lab Sample ID: LCS 480-361460/2-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 361460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	29.7		ug/L		93	40 - 120
1,2-Dichlorobenzene	32.0	29.3		ug/L		91	49 - 120
1,3-Dichlorobenzene	32.0	28.6		ug/L		89	50 - 120
1,4-Dichlorobenzene	32.0	28.2		ug/L		88	51 - 120
2,4,5-Trichlorophenol	32.0	31.4		ug/L		98	65 - 126
2,4,6-Trichlorophenol	32.0	31.7		ug/L		99	64 - 120

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

Lab Sample ID: LCS 480-361460/2-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 361460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dichlorophenol	32.0	32.3		ug/L		101	63 - 120
2,4-Dimethylphenol	32.0	33.3		ug/L		104	47 - 120
2,4-Dinitrophenol	64.0	64.2		ug/L		100	31 - 137
2,4-Dinitrotoluene	32.0	31.5		ug/L		98	69 - 120
2,6-Dinitrotoluene	32.0	32.1		ug/L		100	68 - 120
2-Chloronaphthalene	32.0	30.5		ug/L		95	58 - 120
2-Chlorophenol	32.0	30.9		ug/L		97	48 - 120
2-Methylnaphthalene	32.0	31.8		ug/L		99	59 - 120
2-Methylphenol	32.0	29.7		ug/L		93	39 - 120
2-Nitroaniline	32.0	33.6		ug/L		105	54 - 127
2-Nitrophenol	32.0	32.2		ug/L		101	52 - 125
3,3'-Dichlorobenzidine	64.0	79.9	E	ug/L		125	49 - 135
3-Nitroaniline	32.0	29.4		ug/L		92	51 - 120
4,6-Dinitro-2-methylphenol	64.0	63.1		ug/L		99	46 - 136
4-Bromophenyl phenyl ether	32.0	33.3		ug/L		104	65 - 120
4-Chloro-3-methylphenol	32.0	33.3		ug/L		104	61 - 123
4-Chloroaniline	32.0	25.8		ug/L		81	30 - 120
4-Chlorophenyl phenyl ether	32.0	31.7		ug/L		99	62 - 120
4-Methylphenol	32.0	29.8		ug/L		93	29 - 131
4-Nitroaniline	32.0	37.4		ug/L		117	65 - 120
4-Nitrophenol	64.0	56.1		ug/L		88	45 - 120
Acenaphthene	32.0	30.3		ug/L		95	60 - 120
Acenaphthylene	32.0	33.1		ug/L		103	63 - 120
Anthracene	32.0	33.5		ug/L		105	67 - 120
Benzaldehyde	64.0	57.5		ug/L		90	10 - 140
Benzo[a]anthracene	32.0	35.1		ug/L		110	70 - 121
Benzo[a]pyrene	32.0	31.9		ug/L		100	60 - 123
Benzo[b]fluoranthene	32.0	35.6		ug/L		111	66 - 126
Benzo[g,h,i]perylene	32.0	32.7		ug/L		102	66 - 150
Benzo[k]fluoranthene	32.0	36.4		ug/L		114	65 - 124
bis (2-chloroisopropyl) ether	32.0	34.1		ug/L		107	21 - 136
Bis(2-chloroethoxy)methane	32.0	33.1		ug/L		103	50 - 128
Bis(2-chloroethyl)ether	32.0	31.2		ug/L		98	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	33.4		ug/L		104	63 - 139
Butyl benzyl phthalate	32.0	34.6		ug/L		108	70 - 129
Carbazole	32.0	41.0	*	ug/L		128	66 - 123
Chrysene	32.0	34.4		ug/L		107	69 - 120
Dibenz(a,h)anthracene	32.0	33.5		ug/L		105	65 - 135
Dibenzofuran	32.0	31.2		ug/L		98	66 - 120
Diethyl phthalate	32.0	35.0		ug/L		109	59 - 127
Dimethyl phthalate	32.0	34.4		ug/L		108	68 - 120
Di-n-butyl phthalate	32.0	35.8		ug/L		112	69 - 131
Di-n-octyl phthalate	32.0	37.2		ug/L		116	63 - 140
Fluoranthene	32.0	34.0		ug/L		106	69 - 126
Fluorene	32.0	31.2		ug/L		98	66 - 120
Hexachlorobenzene	32.0	32.0		ug/L		100	61 - 120
Hexachlorobutadiene	32.0	27.8		ug/L		87	35 - 120
Hexachlorocyclopentadiene	32.0	22.3		ug/L		70	31 - 120

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

Lab Sample ID: LCS 480-361460/2-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 361460

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hexachloroethane			32.0	28.8		ug/L		90	43 - 120		
Indeno[1,2,3-cd]pyrene			32.0	31.8		ug/L		99	69 - 146		
Isophorone			32.0	34.4		ug/L		108	55 - 120		
Naphthalene			32.0	30.9		ug/L		97	57 - 120		
Nitrobenzene			32.0	31.8		ug/L		100	53 - 123		
N-Nitrosodi-n-propylamine			32.0	32.4		ug/L		101	32 - 140		
N-Nitrosodiphenylamine			32.0	31.8		ug/L		99	61 - 120		
Pentachlorophenol			64.0	63.6		ug/L		99	29 - 136		
Phenanthrene			32.0	33.5		ug/L		105	68 - 120		
Phenol			32.0	21.7		ug/L		68	17 - 120		
Pyrene			32.0	33.8		ug/L		106	70 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*109*		*41 - 120*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol (Surr)	*80*		*35 - 120*
Nitrobenzene-d5 (Surr)	*97*		*46 - 120*
Phenol-d5 (Surr)	*64*		*22 - 120*
p-Terphenyl-d14 (Surr)	*98*		*59 - 136*

Lab Sample ID: LCSD 480-361460/3-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 361460

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			32.0	28.6		ug/L		89	40 - 120	4	30
1,2-Dichlorobenzene			32.0	29.5		ug/L		92	49 - 120	1	29
1,3-Dichlorobenzene			32.0	28.8		ug/L		90	50 - 120	1	37
1,4-Dichlorobenzene			32.0	28.4		ug/L		89	51 - 120	1	36
2,4,5-Trichlorophenol			32.0	31.1		ug/L		97	65 - 126	1	18
2,4,6-Trichlorophenol			32.0	31.4		ug/L		98	64 - 120	1	19
2,4-Dichlorophenol			32.0	31.6		ug/L		99	63 - 120	2	19
2,4-Dimethylphenol			32.0	31.0		ug/L		97	47 - 120	7	42
2,4-Dinitrophenol			64.0	64.0		ug/L		100	31 - 137	0	22
2,4-Dinitrotoluene			32.0	32.5		ug/L		102	69 - 120	3	20
2,6-Dinitrotoluene			32.0	32.4		ug/L		101	68 - 120	1	15
2-Chloronaphthalene			32.0	30.3		ug/L		95	58 - 120	1	21
2-Chlorophenol			32.0	31.6		ug/L		99	48 - 120	2	25
2-Methylnaphthalene			32.0	31.7		ug/L		99	59 - 120	0	21
2-Methylphenol			32.0	31.0		ug/L		97	39 - 120	4	27
2-Nitroaniline			32.0	34.0		ug/L		106	54 - 127	1	15
2-Nitrophenol			32.0	31.8		ug/L		99	52 - 125	1	18
3,3'-Dichlorobenzidine			64.0	74.6	E	ug/L		117	49 - 135	7	25
3-Nitroaniline			32.0	29.4		ug/L		92	51 - 120	0	19
4,6-Dinitro-2-methylphenol			64.0	60.3		ug/L		94	46 - 136	5	15
4-Bromophenyl phenyl ether			32.0	31.4		ug/L		98	65 - 120	6	15
4-Chloro-3-methylphenol			32.0	33.9		ug/L		106	61 - 123	2	27
4-Chloroaniline			32.0	24.3		ug/L		76	30 - 120	6	22

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

Lab Sample ID: LCSD 480-361460/3-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 361460

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorophenyl phenyl ether			32.0	31.3		ug/L		98	62 - 120	1	16
4-Methylphenol			32.0	29.8		ug/L		93	29 - 131	0	24
4-Nitroaniline			32.0	36.0		ug/L		113	65 - 120	4	24
4-Nitrophenol			64.0	56.8		ug/L		89	45 - 120	1	48
Acenaphthene			32.0	30.5		ug/L		95	60 - 120	1	24
Acenaphthylene			32.0	32.8		ug/L		103	63 - 120	1	18
Anthracene			32.0	32.7		ug/L		102	67 - 120	2	15
Benzaldehyde			64.0	55.6		ug/L		87	10 - 140	3	20
Benzo[a]anthracene			32.0	33.5		ug/L		105	70 - 121	5	15
Benzo[a]pyrene			32.0	32.0		ug/L		100	60 - 123	1	15
Benzo[b]fluoranthene			32.0	35.9		ug/L		112	66 - 126	1	15
Benzo[g,h,i]perylene			32.0	32.3		ug/L		101	66 - 150	1	15
Benzo[k]fluoranthene			32.0	34.9		ug/L		109	65 - 124	4	22
bis (2-chloroisopropyl) ether			32.0	33.8		ug/L		106	21 - 136	1	24
Bis(2-chloroethoxy)methane			32.0	32.6		ug/L		102	50 - 128	1	17
Bis(2-chloroethyl)ether			32.0	31.7		ug/L		99	44 - 120	2	21
Bis(2-ethylhexyl) phthalate			32.0	32.2		ug/L		101	63 - 139	4	15
Butyl benzyl phthalate			32.0	33.7		ug/L		105	70 - 129	3	16
Carbazole			32.0	41.0	*	ug/L		128	66 - 123	0	20
Chrysene			32.0	33.4		ug/L		104	69 - 120	3	15
Dibenz(a,h)anthracene			32.0	32.9		ug/L		103	65 - 135	2	15
Dibenzofuran			32.0	32.0		ug/L		100	66 - 120	2	15
Diethyl phthalate			32.0	34.0		ug/L		106	59 - 127	3	15
Dimethyl phthalate			32.0	34.1		ug/L		106	68 - 120	1	15
Di-n-butyl phthalate			32.0	35.7		ug/L		111	69 - 131	0	15
Di-n-octyl phthalate			32.0	35.7		ug/L		112	63 - 140	4	16
Fluoranthene			32.0	34.4		ug/L		108	69 - 126	1	15
Fluorene			32.0	31.5		ug/L		98	66 - 120	1	15
Hexachlorobenzene			32.0	32.4		ug/L		101	61 - 120	1	15
Hexachlorobutadiene			32.0	27.3		ug/L		85	35 - 120	2	44
Hexachlorocyclopentadiene			32.0	22.0		ug/L		69	31 - 120	1	49
Hexachloroethane			32.0	29.4		ug/L		92	43 - 120	2	46
Indeno[1,2,3-cd]pyrene			32.0	31.2		ug/L		97	69 - 146	2	15
Isophorone			32.0	34.1		ug/L		107	55 - 120	1	17
Naphthalene			32.0	30.5		ug/L		95	57 - 120	1	29
Nitrobenzene			32.0	32.0		ug/L		100	53 - 123	1	24
N-Nitrosodi-n-propylamine			32.0	33.2		ug/L		104	32 - 140	2	31
N-Nitrosodiphenylamine			32.0	30.2		ug/L		94	61 - 120	5	15
Pentachlorophenol			64.0	61.1		ug/L		95	29 - 136	4	37
Phenanthrene			32.0	32.1		ug/L		100	68 - 120	4	15
Phenol			32.0	21.8		ug/L		68	17 - 120	1	34
Pyrene			32.0	33.6		ug/L		105	70 - 125	0	19

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*41 - 120*
2-Fluorobiphenyl	*86*		*48 - 120*
2-Fluorophenol (Surr)	*80*		*35 - 120*
Nitrobenzene-d5 (Surr)	*96*		*46 - 120*

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

Lab Sample ID: LCSD 480-361460/3-A
Matrix: Water
Analysis Batch: 361843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 361460

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Phenol-d5 (Surr)	*65*		*22 - 120*
p-Terphenyl-d14 (Surr)	*95*		*59 - 136*

Lab Sample ID: MB 480-361684/1-A
Matrix: Water
Analysis Batch: 361874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 361684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/12/17 14:44	06/13/17 16:15	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/12/17 14:44	06/13/17 16:15	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 16:15	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 16:15	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 16:15	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/12/17 14:44	06/13/17 16:15	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/12/17 14:44	06/13/17 16:15	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/12/17 14:44	06/13/17 16:15	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 16:15	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/12/17 14:44	06/13/17 16:15	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/12/17 14:44	06/13/17 16:15	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 16:15	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/12/17 14:44	06/13/17 16:15	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Methylphenol	10	U	10	0.36	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/12/17 14:44	06/13/17 16:15	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/12/17 14:44	06/13/17 16:15	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/12/17 14:44	06/13/17 16:15	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/12/17 14:44	06/13/17 16:15	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/12/17 14:44	06/13/17 16:15	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/12/17 14:44	06/13/17 16:15	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 16:15	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 16:15	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 16:15	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 16:15	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/12/17 14:44	06/13/17 16:15	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/12/17 14:44	06/13/17 16:15	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/12/17 14:44	06/13/17 16:15	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 16:15	1
Bis(2-ethylhexyl) phthalate	13.2		5.0	2.2	ug/L		06/12/17 14:44	06/13/17 16:15	1

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

Lab Sample ID: MB 480-361684/1-A
Matrix: Water
Analysis Batch: 361874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 361684

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/12/17 14:44	06/13/17 16:15	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/12/17 14:44	06/13/17 16:15	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/12/17 14:44	06/13/17 16:15	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/12/17 14:44	06/13/17 16:15	1
Dibenzofuran	10	U	10	0.51	ug/L		06/12/17 14:44	06/13/17 16:15	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/12/17 14:44	06/13/17 16:15	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 16:15	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/12/17 14:44	06/13/17 16:15	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 16:15	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/12/17 14:44	06/13/17 16:15	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/12/17 14:44	06/13/17 16:15	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 16:15	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/12/17 14:44	06/13/17 16:15	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 16:15	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/12/17 14:44	06/13/17 16:15	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/12/17 14:44	06/13/17 16:15	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/12/17 14:44	06/13/17 16:15	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/12/17 14:44	06/13/17 16:15	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/12/17 14:44	06/13/17 16:15	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/12/17 14:44	06/13/17 16:15	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/12/17 14:44	06/13/17 16:15	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/12/17 14:44	06/13/17 16:15	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/12/17 14:44	06/13/17 16:15	1
Phenol	5.0	U	5.0	0.39	ug/L		06/12/17 14:44	06/13/17 16:15	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/12/17 14:44	06/13/17 16:15	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3.44*	*T J*	*ug/L*		*5.23*		*06/12/17 14:44*	*06/13/17 16:15*	*1*
Acetophenone	*0.696*	*J*	*ug/L*		*5.86*	*98-86-2*	*06/12/17 14:44*	*06/13/17 16:15*	*1*
Unknown	*3.10*	*T J*	*ug/L*		*6.23*		*06/12/17 14:44*	*06/13/17 16:15*	*1*
Cyclohexasiloxane, dodecamethyl-	*1.62*	*T J N*	*ug/L*		*7.11*	*540-97-6*	*06/12/17 14:44*	*06/13/17 16:15*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*41 - 120*	*06/12/17 14:44*	*06/13/17 16:15*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*06/12/17 14:44*	*06/13/17 16:15*	*1*
2-Fluorophenol (Surr)	*63*		*35 - 120*	*06/12/17 14:44*	*06/13/17 16:15*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 120*	*06/12/17 14:44*	*06/13/17 16:15*	*1*
Phenol-d5 (Surr)	*52*		*22 - 120*	*06/12/17 14:44*	*06/13/17 16:15*	*1*
p-Terphenyl-d14 (Surr)	*91*		*59 - 136*	*06/12/17 14:44*	*06/13/17 16:15*	*1*

Lab Sample ID: LCS 480-361684/2-A
Matrix: Water
Analysis Batch: 361874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 361684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	27.9		ug/L		87	40 - 120
1,2-Dichlorobenzene	32.0	26.0		ug/L		81	49 - 120

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

Lab Sample ID: LCS 480-361684/2-A
Matrix: Water
Analysis Batch: 361874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 361684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	32.0	26.1		ug/L		82	50 - 120
1,4-Dichlorobenzene	32.0	26.2		ug/L		82	51 - 120
2,4,5-Trichlorophenol	32.0	31.2		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	30.1		ug/L		94	64 - 120
2,4-Dichlorophenol	32.0	29.6		ug/L		92	63 - 120
2,4-Dimethylphenol	32.0	30.0		ug/L		94	47 - 120
2,4-Dinitrophenol	64.0	57.5		ug/L		90	31 - 137
2,4-Dinitrotoluene	32.0	30.5		ug/L		95	69 - 120
2,6-Dinitrotoluene	32.0	30.1		ug/L		94	68 - 120
2-Chloronaphthalene	32.0	28.1		ug/L		88	58 - 120
2-Chlorophenol	32.0	27.3		ug/L		85	48 - 120
2-Methylnaphthalene	32.0	28.3		ug/L		88	59 - 120
2-Methylphenol	32.0	25.8		ug/L		81	39 - 120
2-Nitroaniline	32.0	30.7		ug/L		96	54 - 127
2-Nitrophenol	32.0	29.1		ug/L		91	52 - 125
3,3'-Dichlorobenzidine	64.0	72.8	E	ug/L		114	49 - 135
3-Nitroaniline	32.0	26.2		ug/L		82	51 - 120
4,6-Dinitro-2-methylphenol	64.0	55.3		ug/L		86	46 - 136
4-Bromophenyl phenyl ether	32.0	30.3		ug/L		95	65 - 120
4-Chloro-3-methylphenol	32.0	29.9		ug/L		93	61 - 123
4-Chloroaniline	32.0	22.6		ug/L		71	30 - 120
4-Chlorophenyl phenyl ether	32.0	29.2		ug/L		91	62 - 120
4-Methylphenol	32.0	25.9		ug/L		81	29 - 131
4-Nitroaniline	32.0	29.4		ug/L		92	65 - 120
4-Nitrophenol	64.0	50.3		ug/L		79	45 - 120
Acenaphthene	32.0	28.2		ug/L		88	60 - 120
Acenaphthylene	32.0	30.1		ug/L		94	63 - 120
Anthracene	32.0	31.3		ug/L		98	67 - 120
Benzaldehyde	64.0	50.6		ug/L		79	10 - 140
Benzo[a]anthracene	32.0	31.4		ug/L		98	70 - 121
Benzo[a]pyrene	32.0	31.7		ug/L		99	60 - 123
Benzo[b]fluoranthene	32.0	33.2		ug/L		104	66 - 126
Benzo[g,h,i]perylene	32.0	31.6		ug/L		99	66 - 150
Benzo[k]fluoranthene	32.0	31.4		ug/L		98	65 - 124
bis (2-chloroisopropyl) ether	32.0	29.1		ug/L		91	21 - 136
Bis(2-chloroethoxy)methane	32.0	28.9		ug/L		90	50 - 128
Bis(2-chloroethyl)ether	32.0	28.1		ug/L		88	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	33.3		ug/L		104	63 - 139
Butyl benzyl phthalate	32.0	30.7		ug/L		96	70 - 129
Carbazole	32.0	32.0		ug/L		100	66 - 123
Chrysene	32.0	29.5		ug/L		92	69 - 120
Dibenz(a,h)anthracene	32.0	31.9		ug/L		100	65 - 135
Dibenzofuran	32.0	29.2		ug/L		91	66 - 120
Diethyl phthalate	32.0	31.2		ug/L		98	59 - 127
Dimethyl phthalate	32.0	31.2		ug/L		98	68 - 120
Di-n-butyl phthalate	32.0	32.2		ug/L		101	69 - 131
Di-n-octyl phthalate	32.0	30.7		ug/L		96	63 - 140
Fluoranthene	32.0	32.5		ug/L		102	69 - 126

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

Lab Sample ID: LCS 480-361684/2-A
Matrix: Water
Analysis Batch: 361874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 361684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluorene	32.0	28.8		ug/L		90	66 - 120
Hexachlorobenzene	32.0	29.0		ug/L		91	61 - 120
Hexachlorobutadiene	32.0	26.0		ug/L		81	35 - 120
Hexachlorocyclopentadiene	32.0	22.2		ug/L		69	31 - 120
Hexachloroethane	32.0	25.5		ug/L		80	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.1		ug/L		97	69 - 146
Isophorone	32.0	29.1		ug/L		91	55 - 120
Naphthalene	32.0	27.4		ug/L		86	57 - 120
Nitrobenzene	32.0	29.2		ug/L		91	53 - 123
N-Nitrosodi-n-propylamine	32.0	28.1		ug/L		88	32 - 140
N-Nitrosodiphenylamine	32.0	29.8		ug/L		93	61 - 120
Pentachlorophenol	64.0	52.3		ug/L		82	29 - 136
Phenanthrene	32.0	29.7		ug/L		93	68 - 120
Phenol	32.0	17.4		ug/L		54	17 - 120
Pyrene	32.0	30.5		ug/L		95	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*41 - 120*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol (Surr)	*65*		*35 - 120*
Nitrobenzene-d5 (Surr)	*88*		*46 - 120*
Phenol-d5 (Surr)	*55*		*22 - 120*
p-Terphenyl-d14 (Surr)	*89*		*59 - 136*

Lab Sample ID: 480-119294-10 MS
Matrix: Water
Analysis Batch: 361874

Client Sample ID: WG-007830-060817-BP-010
Prep Type: Total/NA
Prep Batch: 361684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	10	U	32.0	28.0		ug/L		87	49 - 120
1,2-Dichlorobenzene	10	U	32.0	26.3		ug/L		82	48 - 120
1,3-Dichlorobenzene	10	U	32.0	26.8		ug/L		84	51 - 120
1,4-Dichlorobenzene	10	U	32.0	26.7		ug/L		84	32 - 150
2,4,5-Trichlorophenol	5.0	U	32.0	33.2		ug/L		104	65 - 126
2,4,6-Trichlorophenol	5.0	U	32.0	31.9		ug/L		100	64 - 120
2,4-Dichlorophenol	5.0	U	32.0	30.2		ug/L		94	48 - 132
2,4-Dimethylphenol	5.0	U	32.0	30.9		ug/L		97	39 - 130
2,4-Dinitrophenol	10	U	64.0	59.8		ug/L		93	21 - 150
2,4-Dinitrotoluene	5.0	U	32.0	31.5		ug/L		99	54 - 138
2,6-Dinitrotoluene	5.0	U	32.0	30.7		ug/L		96	17 - 150
2-Chloronaphthalene	5.0	U	32.0	28.2		ug/L		88	52 - 124
2-Chlorophenol	5.0	U	32.0	27.9		ug/L		87	48 - 120
2-Methylnaphthalene	5.0	U	32.0	29.0		ug/L		91	34 - 140
2-Methylphenol	5.0	U	32.0	26.8		ug/L		84	46 - 120
2-Nitroaniline	10	U	32.0	30.7		ug/L		96	44 - 136
2-Nitrophenol	5.0	U	32.0	29.8		ug/L		93	38 - 141
3,3'-Dichlorobenzidine	5.0	U	64.0	30.0		ug/L		47	10 - 150
3-Nitroaniline	10	U	32.0	24.0		ug/L		75	32 - 150

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

Lab Sample ID: 480-119294-10 MS
Matrix: Water
Analysis Batch: 361874

Client Sample ID: WG-007830-060817-BP-010
Prep Type: Total/NA
Prep Batch: 361684

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,6-Dinitro-2-methylphenol	10	U	64.0	55.9		ug/L		87	38 - 150
4-Bromophenyl phenyl ether	5.0	U	32.0	30.5		ug/L		95	63 - 126
4-Chloro-3-methylphenol	5.0	U	32.0	30.3		ug/L		95	64 - 127
4-Chloroaniline	5.0	U	32.0	18.6		ug/L		58	16 - 124
4-Chlorophenyl phenyl ether	5.0	U	32.0	29.7		ug/L		93	61 - 120
4-Methylphenol	10	U	32.0	26.7		ug/L		83	36 - 120
4-Nitroaniline	10	U	32.0	31.4		ug/L		98	32 - 150
4-Nitrophenol	10	U	64.0	51.6		ug/L		81	23 - 132
Acenaphthene	5.0	U	32.0	28.6		ug/L		89	48 - 120
Acenaphthylene	5.0	U	32.0	31.0		ug/L		97	63 - 120
Anthracene	5.0	U	32.0	31.5		ug/L		98	65 - 122
Benzaldehyde	5.0	U	64.0	48.7		ug/L		76	10 - 150
Benzo[a]anthracene	5.0	U	32.0	24.8		ug/L		78	43 - 124
Benzo[a]pyrene	5.0	U	32.0	21.4		ug/L		67	23 - 125
Benzo[b]fluoranthene	5.0	U	32.0	22.2		ug/L		69	27 - 127
Benzo[g,h,i]perylene	5.0	U	32.0	19.8		ug/L		62	16 - 147
Benzo[k]fluoranthene	5.0	U	32.0	20.6		ug/L		64	20 - 124
bis (2-chloroisopropyl) ether	5.0	U	32.0	29.5		ug/L		92	28 - 121
Bis(2-chloroethoxy)methane	5.0	U	32.0	29.5		ug/L		92	44 - 128
Bis(2-chloroethyl)ether	5.0	U	32.0	29.0		ug/L		90	45 - 120
Bis(2-ethylhexyl) phthalate	5.0	U F2	32.0	23.5		ug/L		73	16 - 150
Butyl benzyl phthalate	5.0	U	32.0	28.1		ug/L		88	51 - 140
Carbazole	5.0	U	32.0	35.8		ug/L		112	16 - 148
Chrysene	5.0	U	32.0	22.2		ug/L		69	44 - 122
Dibenz(a,h)anthracene	5.0	U	32.0	19.4		ug/L		61	16 - 139
Dibenzofuran	10	U	32.0	30.1		ug/L		94	60 - 120
Diethyl phthalate	5.0	U	32.0	32.2		ug/L		101	53 - 133
Dimethyl phthalate	5.0	U	32.0	32.0		ug/L		100	59 - 123
Di-n-butyl phthalate	5.0	U	32.0	30.8		ug/L		96	65 - 129
Di-n-octyl phthalate	5.0	U	32.0	17.9		ug/L		56	16 - 150
Fluoranthene	5.0	U	32.0	32.0		ug/L		100	63 - 129
Fluorene	5.0	U	32.0	29.3		ug/L		92	62 - 120
Hexachlorobenzene	5.0	U	32.0	28.0		ug/L		87	57 - 121
Hexachlorobutadiene	5.0	U	32.0	26.9		ug/L		84	37 - 120
Hexachlorocyclopentadiene	5.0	U	32.0	23.4		ug/L		73	21 - 120
Hexachloroethane	5.0	U	32.0	25.8		ug/L		81	16 - 130
Indeno[1,2,3-cd]pyrene	5.0	U	32.0	19.2		ug/L		60	16 - 140
Isophorone	5.0	U	32.0	29.7		ug/L		93	48 - 133
Naphthalene	5.0	U	32.0	28.0		ug/L		87	45 - 120
Nitrobenzene	5.0	U	32.0	30.0		ug/L		94	45 - 123
N-Nitrosodi-n-propylamine	5.0	U	32.0	28.7		ug/L		90	49 - 120
N-Nitrosodiphenylamine	5.0	U	32.0	30.1		ug/L		94	39 - 138
Pentachlorophenol	10	U	64.0	59.0		ug/L		92	23 - 149
Phenanthrene	5.0	U	32.0	31.0		ug/L		97	65 - 122
Phenol	5.0	U	32.0	17.8		ug/L		56	16 - 120
Pyrene	5.0	U	32.0	29.8		ug/L		93	58 - 128

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

Lab Sample ID: 480-119294-10 MS
Matrix: Water
Analysis Batch: 361874

Client Sample ID: WG-007830-060817-BP-010
Prep Type: Total/NA
Prep Batch: 361684

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*41 - 120*
2-Fluorobiphenyl	*87*		*48 - 120*
2-Fluorophenol (Surr)	*65*		*35 - 120*
Nitrobenzene-d5 (Surr)	*90*		*46 - 120*
Phenol-d5 (Surr)	*55*		*22 - 120*
p-Terphenyl-d14 (Surr)	*62*		*59 - 136*

Lab Sample ID: 480-119294-10 MSD
Matrix: Water
Analysis Batch: 361874

Client Sample ID: WG-007830-060817-BP-010
Prep Type: Total/NA
Prep Batch: 361684

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	10	U	32.0	28.0		ug/L		88	49 - 120	0	30
1,2-Dichlorobenzene	10	U	32.0	26.0		ug/L		81	48 - 120	1	29
1,3-Dichlorobenzene	10	U	32.0	25.9		ug/L		81	51 - 120	3	37
1,4-Dichlorobenzene	10	U	32.0	26.2		ug/L		82	32 - 150	2	36
2,4,5-Trichlorophenol	5.0	U	32.0	30.0		ug/L		94	65 - 126	10	18
2,4,6-Trichlorophenol	5.0	U	32.0	33.0		ug/L		103	64 - 120	3	19
2,4-Dichlorophenol	5.0	U	32.0	30.4		ug/L		95	48 - 132	1	19
2,4-Dimethylphenol	5.0	U	32.0	30.2		ug/L		94	39 - 130	2	42
2,4-Dinitrophenol	10	U	64.0	62.0		ug/L		97	21 - 150	4	22
2,4-Dinitrotoluene	5.0	U	32.0	32.2		ug/L		101	54 - 138	2	20
2,6-Dinitrotoluene	5.0	U	32.0	32.1		ug/L		100	17 - 150	5	15
2-Chloronaphthalene	5.0	U	32.0	29.1		ug/L		91	52 - 124	3	21
2-Chlorophenol	5.0	U	32.0	27.4		ug/L		86	48 - 120	2	25
2-Methylnaphthalene	5.0	U	32.0	29.3		ug/L		92	34 - 140	1	21
2-Methylphenol	5.0	U	32.0	26.8		ug/L		84	46 - 120	0	27
2-Nitroaniline	10	U	32.0	32.1		ug/L		100	44 - 136	4	15
2-Nitrophenol	5.0	U	32.0	29.6		ug/L		93	38 - 141	1	18
3,3'-Dichlorobenzidine	5.0	U	64.0	28.2		ug/L		44	10 - 150	6	25
3-Nitroaniline	10	U	32.0	26.0		ug/L		81	32 - 150	8	19
4,6-Dinitro-2-methylphenol	10	U	64.0	56.4		ug/L		88	38 - 150	1	15
4-Bromophenyl phenyl ether	5.0	U	32.0	31.3		ug/L		98	63 - 126	3	15
4-Chloro-3-methylphenol	5.0	U	32.0	30.9		ug/L		96	64 - 127	2	27
4-Chloroaniline	5.0	U	32.0	18.6		ug/L		58	16 - 124	0	22
4-Chlorophenyl phenyl ether	5.0	U	32.0	31.1		ug/L		97	61 - 120	5	16
4-Methylphenol	10	U	32.0	26.2		ug/L		82	36 - 120	2	24
4-Nitroaniline	10	U	32.0	31.8		ug/L		99	32 - 150	1	24
4-Nitrophenol	10	U	64.0	54.1		ug/L		85	23 - 132	5	48
Acenaphthene	5.0	U	32.0	29.9		ug/L		93	48 - 120	4	24
Acenaphthylene	5.0	U	32.0	31.8		ug/L		99	63 - 120	3	18
Anthracene	5.0	U	32.0	32.3		ug/L		101	65 - 122	3	15
Benzaldehyde	5.0	U	64.0	46.8		ug/L		73	10 - 150	4	20
Benzo[a]anthracene	5.0	U	32.0	26.3		ug/L		82	43 - 124	6	15
Benzo[a]pyrene	5.0	U	32.0	23.3		ug/L		73	23 - 125	8	15
Benzo[b]fluoranthene	5.0	U	32.0	23.3		ug/L		73	27 - 127	5	15
Benzo[g,h,i]perylene	5.0	U	32.0	21.7		ug/L		68	16 - 147	9	15
Benzo[k]fluoranthene	5.0	U	32.0	23.0		ug/L		72	20 - 124	11	22

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

Lab Sample ID: 480-119294-10 MSD | **Client Sample ID: WG-007830-060817-BP-010**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 361874 | **Prep Batch: 361684**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
bis (2-chloroisopropyl) ether	5.0	U	32.0	28.9		ug/L		90	28 - 121	2	24
Bis(2-chloroethoxy)methane	5.0	U	32.0	29.2		ug/L		91	44 - 128	1	17
Bis(2-chloroethyl)ether	5.0	U	32.0	28.4		ug/L		89	45 - 120	2	21
Bis(2-ethylhexyl) phthalate	5.0	U F2	32.0	19.4	F2	ug/L		61	16 - 150	19	15
Butyl benzyl phthalate	5.0	U	32.0	29.6		ug/L		93	51 - 140	5	16
Carbazole	5.0	U	32.0	36.2		ug/L		113	16 - 148	1	20
Chrysene	5.0	U	32.0	24.5		ug/L		77	44 - 122	10	15
Dibenz(a,h)anthracene	5.0	U	32.0	21.2		ug/L		66	16 - 139	9	15
Dibenzofuran	10	U	32.0	30.9		ug/L		97	60 - 120	3	15
Diethyl phthalate	5.0	U	32.0	32.8		ug/L		102	53 - 133	2	15
Dimethyl phthalate	5.0	U	32.0	32.4		ug/L		101	59 - 123	1	15
Di-n-butyl phthalate	5.0	U	32.0	31.8		ug/L		99	65 - 129	3	15
Di-n-octyl phthalate	5.0	U	32.0	19.7		ug/L		61	16 - 150	10	16
Fluoranthene	5.0	U	32.0	32.1		ug/L		100	63 - 129	0	15
Fluorene	5.0	U	32.0	30.4		ug/L		95	62 - 120	4	15
Hexachlorobenzene	5.0	U	32.0	28.2		ug/L		88	57 - 121	1	15
Hexachlorobutadiene	5.0	U	32.0	26.7		ug/L		83	37 - 120	1	44
Hexachlorocyclopentadiene	5.0	U	32.0	23.0		ug/L		72	21 - 120	1	49
Hexachloroethane	5.0	U	32.0	25.4		ug/L		79	16 - 130	2	46
Indeno[1,2,3-cd]pyrene	5.0	U	32.0	20.9		ug/L		65	16 - 140	8	15
Isophorone	5.0	U	32.0	29.7		ug/L		93	48 - 133	0	17
Naphthalene	5.0	U	32.0	28.0		ug/L		87	45 - 120	0	29
Nitrobenzene	5.0	U	32.0	29.1		ug/L		91	45 - 123	3	24
N-Nitrosodi-n-propylamine	5.0	U	32.0	28.6		ug/L		89	49 - 120	0	31
N-Nitrosodiphenylamine	5.0	U	32.0	30.1		ug/L		94	39 - 138	0	15
Pentachlorophenol	10	U	64.0	58.9		ug/L		92	23 - 149	0	37
Phenanthrene	5.0	U	32.0	31.1		ug/L		97	65 - 122	0	15
Phenol	5.0	U	32.0	17.4		ug/L		54	16 - 120	2	34
Pyrene	5.0	U	32.0	30.9		ug/L		97	58 - 128	4	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*41 - 120*
2-Fluorobiphenyl	*88*		*48 - 120*
2-Fluorophenol (Surr)	*63*		*35 - 120*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*
Phenol-d5 (Surr)	*54*		*22 - 120*
p-Terphenyl-d14 (Surr)	*66*		*59 - 136*

Lab Sample ID: MB 480-364021/1-A | **Client Sample ID: Method Blank**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 364495 | **Prep Batch: 364021**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	10	U	10	0.44	ug/L		06/26/17 14:15	06/28/17 22:00	1
1,2-Dichlorobenzene	10	U	10	0.40	ug/L		06/26/17 14:15	06/28/17 22:00	1
1,3-Dichlorobenzene	10	U	10	0.48	ug/L		06/26/17 14:15	06/28/17 22:00	1
1,4-Dichlorobenzene	10	U	10	0.46	ug/L		06/26/17 14:15	06/28/17 22:00	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.48	ug/L		06/26/17 14:15	06/28/17 22:00	1

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

Lab Sample ID: MB 480-364021/1-A
Matrix: Water
Analysis Batch: 364495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 364021

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	5.0	U	5.0	0.61	ug/L		06/26/17 14:15	06/28/17 22:00	1
2,4-Dichlorophenol	5.0	U	5.0	0.51	ug/L		06/26/17 14:15	06/28/17 22:00	1
2,4-Dimethylphenol	5.0	U	5.0	0.50	ug/L		06/26/17 14:15	06/28/17 22:00	1
2,4-Dinitrophenol	10	U	10	2.2	ug/L		06/26/17 14:15	06/28/17 22:00	1
2,4-Dinitrotoluene	5.0	U	5.0	0.45	ug/L		06/26/17 14:15	06/28/17 22:00	1
2,6-Dinitrotoluene	5.0	U	5.0	0.40	ug/L		06/26/17 14:15	06/28/17 22:00	1
2-Chloronaphthalene	5.0	U	5.0	0.46	ug/L		06/26/17 14:15	06/28/17 22:00	1
2-Chlorophenol	5.0	U	5.0	0.53	ug/L		06/26/17 14:15	06/28/17 22:00	1
2-Methylnaphthalene	5.0	U	5.0	0.60	ug/L		06/26/17 14:15	06/28/17 22:00	1
2-Methylphenol	5.0	U	5.0	0.40	ug/L		06/26/17 14:15	06/28/17 22:00	1
2-Nitroaniline	10	U	10	0.42	ug/L		06/26/17 14:15	06/28/17 22:00	1
2-Nitrophenol	5.0	U	5.0	0.48	ug/L		06/26/17 14:15	06/28/17 22:00	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.40	ug/L		06/26/17 14:15	06/28/17 22:00	1
3-Nitroaniline	10	U	10	0.48	ug/L		06/26/17 14:15	06/28/17 22:00	1
4,6-Dinitro-2-methylphenol	10	U	10	2.2	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Bromophenyl phenyl ether	5.0	U	5.0	0.45	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Chloro-3-methylphenol	5.0	U	5.0	0.45	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Chloroaniline	5.0	U	5.0	0.59	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Chlorophenyl phenyl ether	5.0	U	5.0	0.35	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Methylphenol	10	U	10	0.36	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Nitroaniline	10	U	10	0.25	ug/L		06/26/17 14:15	06/28/17 22:00	1
4-Nitrophenol	10	U	10	1.5	ug/L		06/26/17 14:15	06/28/17 22:00	1
Acenaphthene	5.0	U	5.0	0.41	ug/L		06/26/17 14:15	06/28/17 22:00	1
Acenaphthylene	5.0	U	5.0	0.38	ug/L		06/26/17 14:15	06/28/17 22:00	1
Anthracene	5.0	U	5.0	0.28	ug/L		06/26/17 14:15	06/28/17 22:00	1
Benzaldehyde	5.0	U	5.0	0.27	ug/L		06/26/17 14:15	06/28/17 22:00	1
Benzo[a]anthracene	5.0	U	5.0	0.36	ug/L		06/26/17 14:15	06/28/17 22:00	1
Benzo[a]pyrene	5.0	U	5.0	0.47	ug/L		06/26/17 14:15	06/28/17 22:00	1
Benzo[b]fluoranthene	5.0	U	5.0	0.34	ug/L		06/26/17 14:15	06/28/17 22:00	1
Benzo[g,h,i]perylene	5.0	U	5.0	0.35	ug/L		06/26/17 14:15	06/28/17 22:00	1
Benzo[k]fluoranthene	5.0	U	5.0	0.73	ug/L		06/26/17 14:15	06/28/17 22:00	1
bis (2-chloroisopropyl) ether	5.0	U	5.0	0.52	ug/L		06/26/17 14:15	06/28/17 22:00	1
Bis(2-chloroethoxy)methane	5.0	U	5.0	0.35	ug/L		06/26/17 14:15	06/28/17 22:00	1
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		06/26/17 14:15	06/28/17 22:00	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	2.2	ug/L		06/26/17 14:15	06/28/17 22:00	1
Butyl benzyl phthalate	5.0	U	5.0	1.0	ug/L		06/26/17 14:15	06/28/17 22:00	1
Carbazole	5.0	U	5.0	0.30	ug/L		06/26/17 14:15	06/28/17 22:00	1
Chrysene	5.0	U	5.0	0.33	ug/L		06/26/17 14:15	06/28/17 22:00	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		06/26/17 14:15	06/28/17 22:00	1
Dibenzofuran	10	U	10	0.51	ug/L		06/26/17 14:15	06/28/17 22:00	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		06/26/17 14:15	06/28/17 22:00	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		06/26/17 14:15	06/28/17 22:00	1
Di-n-butyl phthalate	5.0	U	5.0	0.31	ug/L		06/26/17 14:15	06/28/17 22:00	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		06/26/17 14:15	06/28/17 22:00	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		06/26/17 14:15	06/28/17 22:00	1
Fluorene	5.0	U	5.0	0.36	ug/L		06/26/17 14:15	06/28/17 22:00	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		06/26/17 14:15	06/28/17 22:00	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		06/26/17 14:15	06/28/17 22:00	1

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

Lab Sample ID: MB 480-364021/1-A
Matrix: Water
Analysis Batch: 364495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 364021

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		06/26/17 14:15	06/28/17 22:00	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		06/26/17 14:15	06/28/17 22:00	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		06/26/17 14:15	06/28/17 22:00	1
Isophorone	5.0	U	5.0	0.43	ug/L		06/26/17 14:15	06/28/17 22:00	1
Naphthalene	5.0	U	5.0	0.76	ug/L		06/26/17 14:15	06/28/17 22:00	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		06/26/17 14:15	06/28/17 22:00	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		06/26/17 14:15	06/28/17 22:00	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		06/26/17 14:15	06/28/17 22:00	1
Pentachlorophenol	10	U	10	2.2	ug/L		06/26/17 14:15	06/28/17 22:00	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		06/26/17 14:15	06/28/17 22:00	1
Phenol	5.0	U	5.0	0.39	ug/L		06/26/17 14:15	06/28/17 22:00	1
Pyrene	5.0	U	5.0	0.34	ug/L		06/26/17 14:15	06/28/17 22:00	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*06/26/17 14:15*	*06/28/17 22:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*41 - 120*	*06/26/17 14:15*	*06/28/17 22:00*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*06/26/17 14:15*	*06/28/17 22:00*	*1*
2-Fluorophenol (Surr)	*71*		*35 - 120*	*06/26/17 14:15*	*06/28/17 22:00*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*	*06/26/17 14:15*	*06/28/17 22:00*	*1*
Phenol-d5 (Surr)	*55*		*22 - 120*	*06/26/17 14:15*	*06/28/17 22:00*	*1*
p-Terphenyl-d14 (Surr)	*93*		*59 - 136*	*06/26/17 14:15*	*06/28/17 22:00*	*1*

Lab Sample ID: LCS 480-364021/2-A
Matrix: Water
Analysis Batch: 364495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 364021

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	28.8		ug/L		90	40 - 120
1,2-Dichlorobenzene	32.0	27.6		ug/L		86	49 - 120
1,3-Dichlorobenzene	32.0	27.1		ug/L		85	50 - 120
1,4-Dichlorobenzene	32.0	26.8		ug/L		84	51 - 120
2,4,5-Trichlorophenol	32.0	30.8		ug/L		96	65 - 126
2,4,6-Trichlorophenol	32.0	29.5		ug/L		92	64 - 120
2,4-Dichlorophenol	32.0	29.1		ug/L		91	63 - 120
2,4-Dimethylphenol	32.0	29.3		ug/L		91	47 - 120
2,4-Dinitrophenol	64.0	57.8		ug/L		90	31 - 137
2,4-Dinitrotoluene	32.0	31.6		ug/L		99	69 - 120
2,6-Dinitrotoluene	32.0	31.8		ug/L		99	68 - 120
2-Chloronaphthalene	32.0	29.8		ug/L		93	58 - 120
2-Chlorophenol	32.0	29.4		ug/L		92	48 - 120
2-Methylnaphthalene	32.0	29.9		ug/L		93	59 - 120
2-Methylphenol	32.0	27.9		ug/L		87	39 - 120
2-Nitroaniline	32.0	31.7		ug/L		99	54 - 127
2-Nitrophenol	32.0	29.6		ug/L		92	52 - 125
3,3'-Dichlorobenzidine	64.0	66.4	E	ug/L		104	49 - 135

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

Lab Sample ID: LCS 480-364021/2-A
Matrix: Water
Analysis Batch: 364495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 364021

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	32.0	29.1		ug/L		91	51 - 120
4,6-Dinitro-2-methylphenol	64.0	56.0		ug/L		87	46 - 136
4-Bromophenyl phenyl ether	32.0	32.3		ug/L		101	65 - 120
4-Chloro-3-methylphenol	32.0	29.3		ug/L		92	61 - 123
4-Chloroaniline	32.0	23.0		ug/L		72	30 - 120
4-Chlorophenyl phenyl ether	32.0	32.6		ug/L		102	62 - 120
4-Methylphenol	32.0	27.1		ug/L		85	29 - 131
4-Nitroaniline	32.0	34.7		ug/L		108	65 - 120
4-Nitrophenol	64.0	50.5		ug/L		79	45 - 120
Acenaphthene	32.0	32.7		ug/L		102	60 - 120
Acenaphthylene	32.0	31.2		ug/L		97	63 - 120
Anthracene	32.0	32.6		ug/L		102	67 - 120
Benzaldehyde	64.0	41.3		ug/L		65	10 - 140
Benzo[a]anthracene	32.0	30.0		ug/L		94	70 - 121
Benzo[a]pyrene	32.0	31.7		ug/L		99	60 - 123
Benzo[b]fluoranthene	32.0	35.4		ug/L		111	66 - 126
Benzo[g,h,i]perylene	32.0	30.8		ug/L		96	66 - 150
Benzo[k]fluoranthene	32.0	35.5		ug/L		111	65 - 124
bis (2-chloroisopropyl) ether	32.0	32.3		ug/L		101	21 - 136
Bis(2-chloroethoxy)methane	32.0	29.9		ug/L		93	50 - 128
Bis(2-chloroethyl)ether	32.0	29.4		ug/L		92	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	24.9		ug/L		78	63 - 139
Butyl benzyl phthalate	32.0	26.5		ug/L		83	70 - 129
Carbazole	32.0	36.8		ug/L		115	66 - 123
Chrysene	32.0	28.9		ug/L		90	69 - 120
Dibenz(a,h)anthracene	32.0	32.6		ug/L		102	65 - 135
Dibenzofuran	32.0	32.3		ug/L		101	66 - 120
Diethyl phthalate	32.0	33.3		ug/L		104	59 - 127
Dimethyl phthalate	32.0	33.5		ug/L		105	68 - 120
Di-n-butyl phthalate	32.0	30.9		ug/L		97	69 - 131
Di-n-octyl phthalate	32.0	26.9		ug/L		84	63 - 140
Fluoranthene	32.0	33.6		ug/L		105	69 - 126
Fluorene	32.0	31.1		ug/L		97	66 - 120
Hexachlorobenzene	32.0	32.9		ug/L		103	61 - 120
Hexachlorobutadiene	32.0	26.7		ug/L		84	35 - 120
Hexachlorocyclopentadiene	32.0	16.2		ug/L		51	31 - 120
Hexachloroethane	32.0	25.9		ug/L		81	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	29.8		ug/L		93	69 - 146
Isophorone	32.0	29.8		ug/L		93	55 - 120
Naphthalene	32.0	28.3		ug/L		88	57 - 120
Nitrobenzene	32.0	29.4		ug/L		92	53 - 123
N-Nitrosodi-n-propylamine	32.0	29.4		ug/L		92	32 - 140
N-Nitrosodiphenylamine	32.0	29.5		ug/L		92	61 - 120
Pentachlorophenol	64.0	50.0		ug/L		78	29 - 136
Phenanthrene	32.0	32.9		ug/L		103	68 - 120
Phenol	32.0	18.7		ug/L		58	17 - 120
Pyrene	32.0	28.7		ug/L		90	70 - 125

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

Lab Sample ID: LCS 480-364021/2-A
Matrix: Water
Analysis Batch: 364495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 364021

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	98		41 - 120
2-Fluorobiphenyl	86		48 - 120
2-Fluorophenol (Surr)	77		35 - 120
Nitrobenzene-d5 (Surr)	88		46 - 120
Phenol-d5 (Surr)	62		22 - 120
p-Terphenyl-d14 (Surr)	85		59 - 136

GC/MS VOA

Analysis Batch: 361709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-1	WG-007830-060717-BP-001	Total/NA	Ground Water	8260C	
480-119294-2	WG-007830-060717-BP-002	Total/NA	Water	8260C	
480-119294-3	WG-007830-060717-BP-003	Total/NA	Water	8260C	
480-119294-5	WG-007830-060717-BP-005	Total/NA	Water	8260C	
480-119294-8	WG-007830-060717-BP-008	Total/NA	Water	8260C	
480-119294-9	WG-007830-060817-BP-009	Total/NA	Water	8260C	
480-119294-10	WG-007830-060817-BP-010	Total/NA	Water	8260C	
MB 480-361709/7	Method Blank	Total/NA	Water	8260C	
LCS 480-361709/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 361785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-2 - DL	WG-007830-060717-BP-002	Total/NA	Water	8260C	
480-119294-4	WG-007830-060717-BP-004	Total/NA	Water	8260C	
480-119294-6	WG-007830-060717-BP-006	Total/NA	Water	8260C	
480-119294-7	WG-007830-060717-BP-007	Total/NA	Water	8260C	
MB 480-361785/7	Method Blank	Total/NA	Water	8260C	
LCS 480-361785/5	Lab Control Sample	Total/NA	Water	8260C	
480-119294-2 MS	WG-007830-060717-BP-002	Total/NA	Water	8260C	
480-119294-2 MSD	WG-007830-060717-BP-002	Total/NA	Water	8260C	

Analysis Batch: 364910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120077-1	TRIP BLANK	Total/NA	Water	8260C	
MB 480-364910/6	Method Blank	Total/NA	Water	8260C	
LCS 480-364910/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 365199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120077-2	WG-007830-062217-BP-011	Total/NA	Water	8260C	
MB 480-365199/6	Method Blank	Total/NA	Water	8260C	
LCS 480-365199/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 361460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-1	WG-007830-060717-BP-001	Total/NA	Ground Water	3510C	
MB 480-361460/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-361460/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-361460/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 361684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-2	WG-007830-060717-BP-002	Total/NA	Water	3510C	
480-119294-3	WG-007830-060717-BP-003	Total/NA	Water	3510C	
480-119294-4	WG-007830-060717-BP-004	Total/NA	Water	3510C	
480-119294-5	WG-007830-060717-BP-005	Total/NA	Water	3510C	
480-119294-6	WG-007830-060717-BP-006	Total/NA	Water	3510C	
480-119294-7	WG-007830-060717-BP-007	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 361684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-8	WG-007830-060717-BP-008	Total/NA	Water	3510C	
480-119294-9	WG-007830-060817-BP-009	Total/NA	Water	3510C	
480-119294-10	WG-007830-060817-BP-010	Total/NA	Water	3510C	
MB 480-361684/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-361684/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-119294-10 MS	WG-007830-060817-BP-010	Total/NA	Water	3510C	
480-119294-10 MSD	WG-007830-060817-BP-010	Total/NA	Water	3510C	

Analysis Batch: 361843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-361460/1-A	Method Blank	Total/NA	Water	8270D	361460
LCS 480-361460/2-A	Lab Control Sample	Total/NA	Water	8270D	361460
LCSD 480-361460/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	361460

Analysis Batch: 361846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-1	WG-007830-060717-BP-001	Total/NA	Ground Water	8270D	361460

Analysis Batch: 361874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-119294-2	WG-007830-060717-BP-002	Total/NA	Water	8270D	361684
480-119294-3	WG-007830-060717-BP-003	Total/NA	Water	8270D	361684
480-119294-4	WG-007830-060717-BP-004	Total/NA	Water	8270D	361684
480-119294-5	WG-007830-060717-BP-005	Total/NA	Water	8270D	361684
480-119294-6	WG-007830-060717-BP-006	Total/NA	Water	8270D	361684
480-119294-7	WG-007830-060717-BP-007	Total/NA	Water	8270D	361684
480-119294-8	WG-007830-060717-BP-008	Total/NA	Water	8270D	361684
480-119294-9	WG-007830-060817-BP-009	Total/NA	Water	8270D	361684
480-119294-10	WG-007830-060817-BP-010	Total/NA	Water	8270D	361684
MB 480-361684/1-A	Method Blank	Total/NA	Water	8270D	361684
LCS 480-361684/2-A	Lab Control Sample	Total/NA	Water	8270D	361684
480-119294-10 MS	WG-007830-060817-BP-010	Total/NA	Water	8270D	361684
480-119294-10 MSD	WG-007830-060817-BP-010	Total/NA	Water	8270D	361684

Prep Batch: 364021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120077-2	WG-007830-062217-BP-011	Total/NA	Water	3510C	
MB 480-364021/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-364021/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 364495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-364021/1-A	Method Blank	Total/NA	Water	8270D	364021
LCS 480-364021/2-A	Lab Control Sample	Total/NA	Water	8270D	364021

Analysis Batch: 364757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120077-2	WG-007830-062217-BP-011	Total/NA	Water	8270D	364021

Client Sample ID: WG-007830-060717-BP-001

Lab Sample ID: 480-119294-1

Date Collected: 06/07/17 10:00

Matrix: Ground Water

Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361709	06/13/17 03:00	RJF	TAL BUF
Total/NA	Prep	3510C			361460	06/10/17 07:24	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361846	06/15/17 06:16	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-002

Lab Sample ID: 480-119294-2

Date Collected: 06/07/17 11:00

Matrix: Water

Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361709	06/13/17 03:25	RJF	TAL BUF
Total/NA	Analysis	8260C	DL	20	361785	06/13/17 17:31	RRS	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		5	361874	06/13/17 21:38	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-003

Lab Sample ID: 480-119294-3

Date Collected: 06/07/17 12:00

Matrix: Water

Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361709	06/13/17 03:50	RJF	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/13/17 22:07	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-004

Lab Sample ID: 480-119294-4

Date Collected: 06/07/17 12:45

Matrix: Water

Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361785	06/13/17 17:56	RRS	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/13/17 22:37	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-005

Lab Sample ID: 480-119294-5

Date Collected: 06/07/17 13:30

Matrix: Water

Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361709	06/13/17 04:41	RJF	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/13/17 23:06	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-006

Lab Sample ID: 480-119294-6

Date Collected: 06/07/17 14:20
Matrix: Water
Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361785	06/13/17 18:21	RRS	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/13/17 23:35	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-007

Lab Sample ID: 480-119294-7

Date Collected: 06/07/17 15:10
Matrix: Water
Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361785	06/13/17 18:47	RRS	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/14/17 00:04	PJQ	TAL BUF

Client Sample ID: WG-007830-060717-BP-008

Lab Sample ID: 480-119294-8

Date Collected: 06/07/17 16:00
Matrix: Water
Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361709	06/13/17 05:56	RJF	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/14/17 00:34	PJQ	TAL BUF

Client Sample ID: WG-007830-060817-BP-009

Lab Sample ID: 480-119294-9

Date Collected: 06/08/17 10:00
Matrix: Water
Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	361709	06/13/17 06:21	RJF	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/14/17 01:03	PJQ	TAL BUF

Client Sample ID: WG-007830-060817-BP-010

Lab Sample ID: 480-119294-10

Date Collected: 06/08/17 12:00
Matrix: Water
Date Received: 06/09/17 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	361709	06/13/17 06:47	RJF	TAL BUF
Total/NA	Prep	3510C			361684	06/12/17 14:44	SMP	TAL BUF
Total/NA	Analysis	8270D		1	361874	06/13/17 18:13	PJQ	TAL BUF

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-120077-1

Date Collected: 06/22/17 00:00
Matrix: Water
Date Received: 06/23/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	364910	06/30/17 14:46	LCH	TAL BUF

Client Sample ID: WG-007830-062217-BP-011

Lab Sample ID: 480-120077-2

Date Collected: 06/22/17 12:30
Matrix: Water
Date Received: 06/23/17 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	365199	07/03/17 14:00	ARS	TAL BUF
Total/NA	Prep	3510C			364021	06/26/17 14:15	SMP	TAL BUF
Total/NA	Analysis	8270D		10	364757	06/29/17 22:43	PJQ	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

The following analytes are included in this report, but are not accredited/certified under this accreditation/certification:

Analysis Method	Prep Method	Matrix	Analyte
8260C		Ground Water	Ethyl ether
8260C		Water	Ethyl ether

Method Summary

Client: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	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: GHD Services Inc.
Project/Site: Sterling Site #3

TestAmerica Job ID: 480-119294-1
SDG: 480-119294-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-119294-1	WG-007830-060717-BP-001	Ground Water	06/07/17 10:00	06/09/17 09:20
480-119294-2	WG-007830-060717-BP-002	Water	06/07/17 11:00	06/09/17 09:20
480-119294-3	WG-007830-060717-BP-003	Water	06/07/17 12:00	06/09/17 09:20
480-119294-4	WG-007830-060717-BP-004	Water	06/07/17 12:45	06/09/17 09:20
480-119294-5	WG-007830-060717-BP-005	Water	06/07/17 13:30	06/09/17 09:20
480-119294-6	WG-007830-060717-BP-006	Water	06/07/17 14:20	06/09/17 09:20
480-119294-7	WG-007830-060717-BP-007	Water	06/07/17 15:10	06/09/17 09:20
480-119294-8	WG-007830-060717-BP-008	Water	06/07/17 16:00	06/09/17 09:20
480-119294-9	WG-007830-060817-BP-009	Water	06/08/17 10:00	06/09/17 09:20
480-119294-10	WG-007830-060817-BP-010	Water	06/08/17 12:00	06/09/17 09:20
480-120077-1	TRIP BLANK	Water	06/22/17 00:00	06/23/17 09:00
480-120077-2	WG-007830-062217-BP-011	Water	06/22/17 12:30	06/23/17 09:00

CHAIN OF CUSTODY RECORD

COC NO.: 56890

Address: PAGE 1 OF 1

Phone: Fax:

Project No/ Phase/Task Code:	007830-2017.	Laboratory Name: Test America	Lab Location: Amherst, NY	SSOW ID:	
Project Name:	Sterling - site 3	Lab Contact:		Cooler No:	
Project Location:	East Greenbush NY			Carrier:	Fedex
GHD Chemistry Contact:	Kathy Willy			Airbill No:	
Sampler(s):	BK PICKERI			Total # of Containers:	1

SAMPLE TYPE / ANALYSIS REQUESTED (See Back of COC for Definitions)

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Filtered (Y/N)	TCL VOCs/TICs/SSPS	TCL SVOA	Total Containers/sample	MS/MSD Request	COMMENTS/ SPECIAL INSTRUCTIONS:
	PRESERVATION - (SEE BACK OF COC FOR ABBREVIATIONS)										
1	WG-007830-060717-BP-001	6/07/17	1000	WG			2	2	4		SSPS - ethyl ether
2	002	↓	1100	↓			2	2	4		2 - methylthiophene
3	003	↓	1200	↓			2	2	4		3 - methyl thiophene
4	004	↓	1245	↓			2	2	4		
5	005	↓	1330	↓			2	2	4		VOCs - HCL preserved
6	006	↓	1420	↓			2	2	4		
7	007	↓	1510	↓			2	1	3		
8	008	↓	1600	↓			2	1	3		
9	SW-007830-060817-BP-009	6/08/17	1000	SW			3	1	4		
10	010	↓	1200	↓			3	1	4		
11											
12											

(38) TOTAL + temp. Blank

480-119294 COC

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☒ 1 Week ☐ 2 Week ☐ Other:

Notes/ Special Requirements:

	RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1.	[signature]	GHD	6/8/17	1230	[signature]	TA	6/9/17	0920
2.								
3.						2.0 #1		

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

GHD Form: COC-10B (20110804)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: BK PICKERT	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-98743-23521.1
Client Contact: Kathleen Willy	Phone: 78-278-1970	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: GHD Services Inc.				Job #:

Address: 2055 Niagara Falls Blvd., Suite 3	Due Date Requested:	
City: Niagara Falls	TAT Requested (days):	
State, Zip: NY, 14304		
Phone: 585-588-7483(Tel)	PO #: 7100764654	
Email: kathleen.willy@ghd.com	WO #:	
Project Name: Sterling Site #2 and #3 East Greenbush,	Project #: 48003568	
Site: New York	SSOW#:	

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amcl, H - Ascol, I - Ice, J - DI Wa, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3
Other: 480-120077 COC

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)	8260C - TCL list OLM04.2: TCL VOC's + TICs/ethyl ether	TCL SVOC's + TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A			
Trip Blank				Water						TCL VOC's + TICs & ethyl ether
WG-007030-062217-BP-01	6/22/17	1230					2	1		
TRIP BLANKS							2			TCL SVOC's + TICs

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
	[signature]	6/22/17 1350	GHD	[signature]	6/23/17 0900	[signature]
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	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: 2.5 BT

7/13/2017

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-119294-1
SDG Number: 480-119294-1

Login Number: 119294
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
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	GHD
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: GHD Services Inc.

Job Number: 480-119294-1
SDG Number: 480-119294-1

Login Number: 120077
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
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	GHD
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 C
Data Usability Summary Report

Memorandum

Revised: March 16, 2018
August 14, 2017

To:	Mike Okamoto	Ref. No.:	007830
From:	Kathy Willy/mkd/6-NF	Tel:	716-205-1942

Subject: **Analytical Results and Reduced Validation**
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Annual Groundwater Monitoring at the Eastman Kodak Company Sterling Site #3 site during June 2017. Samples were submitted to TestAmerica Laboratories, Inc., located in Amherst, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD 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, and recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS) and field QA/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 document entitled "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008. This item will subsequently be referred to as the "Guidelines" in this Memorandum.

2. 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).

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3. 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 with the exception of a low concentration of bis(2-Ethylhexyl)phthalate and 1,4-dichlorobenzene. Associated sample results with concentrations similar to that found in the method blanks were qualified as non-detect. Non-detect samples would not have been impacted by the low level contamination. A summary of qualified results is presented in Table 4.

4. 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 volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Each individual surrogate compound is expected to meet the laboratory control limits with the exception of 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. Some surrogate recoveries could not be assessed due to necessary dilutions. All other surrogate recoveries met the laboratory criteria.

5. 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 and LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

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 with the exception of a high recovery for carbazole. The associated sample result was non-detect and would not be impacted by the implied high bias.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the distillation 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.

MS/MSD analyses were performed as specified in the methods.

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 ethyl ether. The associated sample result was qualified as estimated based on the implied low bias. A summary of qualified results is presented in Table 5.

7. Field QA/QC Samples

The field QA/QC consisted of one trip blank sample.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

8. 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 reporting limit (RL) 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 RL in Table 2.

9. 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
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

					Analysis/Parameters		
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**TCL VOCs, SSPs, TICs**	**TCL SVOCs, SSPs, TICs**	**Comments**
WG-007830-060717-BP-001	MW-19B	Water	6/7/2017	10:00	x	x	
WG-007830-060817-BP-010	SW-2	Water	6/8/2017	12:00	x	x	
WG-007830-060717-BP-002	MW-17B	Water	6/7/2017	11:00	x	x	
WG-007830-060717-BP-003	MW-23B	Water	6/7/2017	12:00	x	x	
WG-007830-060717-BP-004	MW-24B	Water	6/7/2017	12:45	x	x	
WG-007830-060717-BP-005	MW-22B	Water	6/7/2017	13:30	x	x	
WG-007830-060717-BP-006	MW-7B	Water	6/7/2017	14:20	x	x	
WG-007830-060717-BP-007	MW-10B	Water	6/7/2017	15:10	x	x	
WG-007830-060717-BP-008	MW-14B	Water	6/7/2017	16:00	x	x	
WG-007830-060817-BP-009	SW-1	Water	6/8/2017	10:00	x	x	
TRIP BLANK	-	Water	6/22/2017	-	x	x	Trip Blank
WG-007830-062217-BP-011	MW-17B	Water	6/22/2017	12:30	x	x	

Notes:

TCL - Target Compound List
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
TICs - Tentatively Identified Compounds
SSPs - Site-specific parameters
- - Not applicable

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-7B	MW-10B	MW-14B	MW-17B
	Sample ID:	WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002
	Sample Date:	06/07/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
Volatile Organic Compounds (VOCs)					
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)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	ND (10)	ND (10)	4.3 J	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	ND (10)	10	ND (10)	1400 J
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)
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)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Sample Location:		MW-7B	MW-10B	MW-14B	MW-17B
Sample ID:		WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002
Sample Date:		06/07/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
TIC VOCs					
Chlorodifluoromethane A	µg/L	-	-	-	4.2 J
Tetrahydrofuran A	µg/L	7.0 J	-	-	-
Unknown 1	µg/L	3.2 J	-	3.1 J	-
Unknown 2	µg/L	5.6 J	-	4.5 J	-
Semi-volatile Organic Compounds (SVOCs)					
1,2,4-Trichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
1,2-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
1,3-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
1,4-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2,4,5-Trichlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2,4,6-Trichlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2,4-Dichlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2,4-Dimethylphenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2,4-Dinitrophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
2,4-Dinitrotoluene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2,6-Dinitrotoluene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2-Chloronaphthalene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2-Chlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2-Methylnaphthalene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2-Methylphenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
2-Nitroaniline	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
2-Nitrophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
3,3'-Dichlorobenzidine	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
3-Nitroaniline	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
4-Bromophenyl phenyl ether	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
4-Chloro-3-methylphenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
4-Chloroaniline	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
4-Chlorophenyl phenyl ether	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
4-Methylphenol	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
4-Nitroaniline	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
4-Nitrophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
Acenaphthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Acenaphthylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-7B	MW-10B	MW-14B	MW-17B
	Sample ID:	WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002
	Sample Date:	06/07/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
SVOCs-Continued					
Anthracene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Benzaldehyde	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Benzo(a)anthracene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Benzo(a)pyrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Benzo(b)fluoranthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Benzo(g,h,i)perylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Benzo(k)fluoranthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
bis(2-Chloroethoxy)methane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
bis(2-Chloroethyl)ether	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Butyl benzylphthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Carbazole	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Chrysene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Dibenz(a,h)anthracene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Dibenzofuran	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
Diethyl phthalate	µg/L	0.70 J	ND (5.0)	ND (5.0)	ND (25)
Dimethyl phthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Di-n-butylphthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Di-n-octyl phthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Fluoranthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Fluorene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Hexachlorobenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Hexachlorobutadiene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Hexachlorocyclopentadiene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Hexachloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Isophorone	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Naphthalene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Nitrobenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
N-Nitrosodi-n-propylamine	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
N-Nitrosodiphenylamine	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Pentachlorophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (50)
Phenanthrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Phenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)
Pyrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)	ND (25)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Sample Location:		MW-7B	MW-10B	MW-14B	MW-17B
Sample ID:		WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002
Sample Date:		06/07/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
TIC SVOCs					
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-	45 J
2-Tridecanone A	µg/L	-	-	4.7 J	-
3-ol-Cholestan A	µg/L	-	-	-	63 J
Benzene, 1,3-diemthyl- A	µg/L	-	-	-	-
Chloroiodomethane A	µg/L	-	-	-	-
Cholestan-3-one A	µg/L	-	-	-	12 J
Cyclobarbitol A	µg/L	-	-	-	-
Cyclohexasiloxane, dodecamethyl- A	µg/L	1.8 J	-	1.6 J	-
Cyclopentasiloxane, decamethyl- A	µg/L	2.7 J	-	3.1 J	-
Cyclotetrasiloxane, octamethyl- A	µg/L	-	-	4.1 J	-
Dodecanal A	µg/L	-	-	-	-
Hexobarbital A	µg/L	8.5 J	-	-	12 J
Mephobarbital A	µg/L	15 J	-	-	35 J
Noramidopyrine A	µg/L	-	-	-	19 J
Phenobarbital A	µg/L	35 J	-	-	50 J
p-Xylene A	µg/L	-	-	-	-
Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phenyl- A	µg/L	-	-	-	-
Talbutal A	µg/L	25 J	-	-	31 J
Toluene A	µg/L	-	-	-	-
Triethylamine A	µg/L	-	-	-	-
Undecane A	µg/L	-	-	11 J	-
Unknown 1	µg/L	4.5 J	17 J	15 J	14 J
Unknown 2	µg/L	13 J	2.8 J	-	24 J
Unknown 3	µg/L	2.2 J	-	-	8.4 J
Unknown 4	µg/L	1.7 J	-	-	-
Unknown 5	µg/L	14 J	-	-	-

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-17B	MW-19B	MW-22B	MW-23B
	Sample ID:	WG-007830-062217-BP-011	WG-007830-060717-BP-001	WG-007830-060717-BP-005	WG-007830-060717-BP-003
	Sample Date:	06/22/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2,2-Tetrachloroethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
1,1,2-Trichloroethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
1,1-Dichloroethene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloroethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
1,2-Dichloropropane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
2-Butanone (Methyl Ethyl Ketone)	µg/L	ND (50)	ND (10)	ND (10)	ND (10)
2-Hexanone	µg/L	ND (50)	ND (10)	ND (10)	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (50)	ND (10)	ND (10)	ND (10)
Acetone	µg/L	ND (50)	3.0 J	ND (10)	ND (10)
Benzene	µg/L	ND (5.0)	ND (1.0)	ND (1.0)	ND (1.0)
Bromodichloromethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Bromoform	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Bromomethane (Methyl Bromide)	µg/L	ND (50)	ND (10)	ND (10)	ND (10)
Carbon disulfide	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Carbon tetrachloride	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Chlorobenzene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Chloroethane	µg/L	ND (50)	ND (10)	ND (10)	ND (10)
Chloroform (Trichloromethane)	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Chloromethane (Methyl Chloride)	µg/L	ND (50)	ND (10)	ND (10)	ND (10)
cis-1,2-Dichloroethene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
cis-1,3-Dichloropropene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Dibromochloromethane	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Ethyl Ether	µg/L	230	61	ND (10)	ND (10)
Ethylbenzene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
m&p-Xylene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Methylene chloride	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
o-Xylene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Styrene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Tetrachloroethene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Toluene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,2-Dichloroethene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
trans-1,3-Dichloropropene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Trichloroethene	µg/L	ND (25)	ND (5.0)	ND (5.0)	ND (5.0)
Vinyl chloride	µg/L	ND (50)	ND (10)	ND (10)	ND (10)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Sample Location:		MW-17B	MW-19B	MW-22B	MW-23B
Sample ID:		WG-007830-062217-BP-011	WG-007830-060717-BP-001	WG-007830-060717-BP-005	WG-007830-060717-BP-003
Sample Date:		06/22/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
TIC VOCs					
Chlorodifluoromethane A	µg/L	-	-	-	-
Tetrahydrofuran A	µg/L	-	-	-	-
Unknown 1	µg/L	-	-	-	2.8 J
Unknown 2	µg/L	-	-	-	-
Semi-volatile Organic Compounds (SVOCs)					
1,2,4-Trichlorobenzene	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	ND (100)	ND (10) U	ND (10)	ND (10)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2,4,5-Trichlorophenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2,4,6-Trichlorophenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2,4-Dichlorophenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2,4-Dimethylphenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2,4-Dinitrophenol	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
2,4-Dinitrotoluene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2,6-Dinitrotoluene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2-Chloronaphthalene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2-Chlorophenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2-Methylnaphthalene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2-Methylphenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
2-Nitroaniline	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
2-Nitrophenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
3,3'-Dichlorobenzidine	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
3-Nitroaniline	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
4-Bromophenyl phenyl ether	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
4-Chloro-3-methylphenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
4-Chloroaniline	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
4-Chlorophenyl phenyl ether	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
4-Methylphenol	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
4-Nitrophenol	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
Acenaphthene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Acenaphthylene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-17B	MW-19B	MW-22B	MW-23B
	Sample ID:	WG-007830-062217-BP-011	WG-007830-060717-BP-001	WG-007830-060717-BP-005	WG-007830-060717-BP-003
	Sample Date:	06/22/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
SVOCs-Continued					
Anthracene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Benzaldehyde	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(a)anthracene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(a)pyrene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(b)fluoranthene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(g,h,i)perylene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(k)fluoranthene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
bis(2-Chloroethoxy)methane	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
bis(2-Chloroethyl)ether	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
bis(2-Ethylhexyl)phthalate	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Butyl benzylphthalate	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Carbazole	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Chrysene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Dibenz(a,h)anthracene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Dibenzofuran	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Dimethyl phthalate	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Di-n-butylphthalate	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Di-n-octyl phthalate	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Fluoranthene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Fluorene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Hexachlorobenzene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Hexachlorobutadiene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Hexachlorocyclopentadiene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Hexachloroethane	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Indeno(1,2,3-cd)pyrene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Isophorone	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Naphthalene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Nitrobenzene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
N-Nitrosodi-n-propylamine	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
N-Nitrosodiphenylamine	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Pentachlorophenol	µg/L	ND (100)	ND (10)	ND (10)	ND (10)
Phenanthrene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Phenol	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)
Pyrene	µg/L	ND (50)	ND (5.0)	ND (5.0)	ND (5.0)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Sample Location:		MW-17B	MW-19B	MW-22B	MW-23B
Sample ID:		WG-007830-062217-BP-011	WG-007830-060717-BP-001	WG-007830-060717-BP-005	WG-007830-060717-BP-003
Sample Date:		06/22/2017	06/07/2017	06/07/2017	06/07/2017
Parameters	**Units**				
TIC SVOCs					
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-	-
2-Tridecanone A	µg/L	-	-	-	-
3-ol-Cholestan A	µg/L	-	-	-	-
Benzene, 1,3-diemthyl- A	µg/L	-	2.9 J	1.7 J	-
Chloroiodomethane A	µg/L	38 J	-	-	-
Cholestan-3-one A	µg/L	-	-	-	-
Cyclobarbitol A	µg/L	-	4.2 J	2.9 J	-
Cyclohexasiloxane, dodecamethyl- A	µg/L	-	-	-	1.7 J
Cyclopentasiloxane, decamethyl- A	µg/L	-	3.2 J	2.8 J	3.0 J
Cyclotetrasiloxane, octamethyl- A	µg/L	-	-	-	4.1 J
Dodecanal A	µg/L	-	-	-	-
Hexobarbital A	µg/L	-	2.7 J	-	-
Mephobarbital A	µg/L	-	12 J	-	-
Noramidopyrine A	µg/L	-	-	-	-
Phenobarbital A	µg/L	28 J	11 J	3.4 J	-
p-Xylene A	µg/L	-	-	-	2.0 J
Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phenyl- A	µg/L	-	2.4 J	-	-
Talbutal A	µg/L	-	7.1 J	3.3 J	-
Toluene A	µg/L	-	3.3 J	-	-
Triethylamine A	µg/L	-	25 J	-	-
Undecane A	µg/L	-	-	-	-
Unknown 1	µg/L	58 J	2.0 J	14 J	14 J
Unknown 2	µg/L	19 J	30 J	-	-
Unknown 3	µg/L	-	1.7 J	-	-
Unknown 4	µg/L	-	2.0 J	-	-
Unknown 5	µg/L	-	-	-	-

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-24B	SW-1	SW-2
	Sample ID:	WG-007830-060717-BP-004	WG-007830-060817-BP-009	WG-007830-060817-BP-010
	Sample Date:	06/07/2017	06/08/2017	06/08/2017
Parameters	**Units**			
Volatile Organic Compounds (VOCs)				
1,1,1-Trichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
1,1,2,2-Tetrachloroethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
1,1,2-Trichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
1,1-Dichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
1,1-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (25)
1,2-Dichloroethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
1,2-Dichloropropane	µg/L	ND (5.0)	ND (5.0)	ND (25)
2-Butanone (Methyl Ethyl Ketone)	µg/L	ND (10)	ND (10)	ND (50)
2-Hexanone	µg/L	ND (10)	ND (10)	ND (50)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	µg/L	ND (10)	ND (10)	ND (50)
Acetone	µg/L	ND (10)	ND (10)	ND (50)
Benzene	µg/L	ND (1.0)	ND (1.0)	ND (5.0)
Bromodichloromethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
Bromoform	µg/L	ND (5.0)	ND (5.0)	ND (25)
Bromomethane (Methyl Bromide)	µg/L	ND (10)	ND (10)	ND (50)
Carbon disulfide	µg/L	ND (5.0)	ND (5.0)	ND (25)
Carbon tetrachloride	µg/L	ND (5.0)	ND (5.0)	ND (25)
Chlorobenzene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Chloroethane	µg/L	ND (10)	ND (10)	ND (50)
Chloroform (Trichloromethane)	µg/L	ND (5.0)	ND (5.0)	ND (25)
Chloromethane (Methyl Chloride)	µg/L	ND (10)	0.94 J	ND (50)
cis-1,2-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (25)
cis-1,3-Dichloropropene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Dibromochloromethane	µg/L	ND (5.0)	ND (5.0)	ND (25)
Ethyl Ether	µg/L	ND (10)	ND (10)	ND (50)
Ethylbenzene	µg/L	ND (5.0)	ND (5.0)	ND (25)
m&p-Xylene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Methylene chloride	µg/L	ND (5.0)	ND (5.0)	ND (25)
o-Xylene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Styrene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Tetrachloroethene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Toluene	µg/L	ND (5.0)	ND (5.0)	ND (25)
trans-1,2-Dichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (25)
trans-1,3-Dichloropropene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Trichloroethene	µg/L	ND (5.0)	ND (5.0)	ND (25)
Vinyl chloride	µg/L	ND (10)	ND (10)	ND (50)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-24B	SW-1	SW-2
	Sample ID:	WG-007830-060717-BP-004	WG-007830-060817-BP-009	WG-007830-060817-BP-010
	Sample Date:	06/07/2017	06/08/2017	06/08/2017
Parameters	**Units**			
TIC VOCs				
Chlorodifluoromethane A	µg/L	-	-	-
Tetrahydrofuran A	µg/L	-	-	-
Unknown 1	µg/L	-	-	-
Unknown 2	µg/L	-	-	-
Semi-volatile Organic Compounds (SVOCs)				
1,2,4-Trichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)
1,2-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)
1,3-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)
1,4-Dichlorobenzene	µg/L	ND (10)	ND (10)	ND (10)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2,4,5-Trichlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2,4,6-Trichlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2,4-Dichlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2,4-Dimethylphenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2,4-Dinitrophenol	µg/L	ND (10)	ND (10)	ND (10)
2,4-Dinitrotoluene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2,6-Dinitrotoluene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2-Chloronaphthalene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2-Chlorophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2-Methylnaphthalene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2-Methylphenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
2-Nitroaniline	µg/L	ND (10)	ND (10)	ND (10)
2-Nitrophenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
3,3'-Dichlorobenzidine	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
3-Nitroaniline	µg/L	ND (10)	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	µg/L	ND (10)	ND (10)	ND (10)
4-Bromophenyl phenyl ether	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
4-Chloro-3-methylphenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
4-Chloroaniline	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
4-Chlorophenyl phenyl ether	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
4-Methylphenol	µg/L	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	ND (10)	ND (10)	ND (10)
4-Nitrophenol	µg/L	ND (10)	ND (10)	ND (10)
Acenaphthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Acenaphthylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-24B	SW-1	SW-2
	Sample ID:	WG-007830-060717-BP-004	WG-007830-060817-BP-009	WG-007830-060817-BP-010
	Sample Date:	06/07/2017	06/08/2017	06/08/2017
Parameters	**Units**			
SVOCs-Continued				
Anthracene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Benzaldehyde	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(a)anthracene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(a)pyrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(b)fluoranthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(g,h,i)perylene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Benzo(k)fluoranthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
bis(2-Chloroethoxy)methane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
bis(2-Chloroethyl)ether	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
bis(2-Ethylhexyl)phthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Butyl benzylphthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Carbazole	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Chrysene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Dibenz(a,h)anthracene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Dibenzofuran	µg/L	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Dimethyl phthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Di-n-butylphthalate	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Di-n-octyl phthalate	µg/L	ND (5.0)	0.68 J	ND (5.0)
Fluoranthene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Fluorene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Hexachlorobenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Hexachlorobutadiene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Hexachlorocyclopentadiene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Hexachloroethane	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Indeno(1,2,3-cd)pyrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Isophorone	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Naphthalene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Nitrobenzene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
N-Nitrosodi-n-propylamine	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
N-Nitrosodiphenylamine	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Pentachlorophenol	µg/L	ND (10)	ND (10)	ND (10)
Phenanthrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Phenol	µg/L	ND (5.0)	ND (5.0)	ND (5.0)
Pyrene	µg/L	ND (5.0)	ND (5.0)	ND (5.0)

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

	Sample Location:	MW-24B	SW-1	SW-2
	Sample ID:	WG-007830-060717-BP-004	WG-007830-060817-BP-009	WG-007830-060817-BP-010
	Sample Date:	06/07/2017	06/08/2017	06/08/2017
Parameters	**Units**			
TIC SVOCs				
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	µg/L	-	-	-
2-Tridecanone A	µg/L	-	-	-
3-ol-Cholestan A	µg/L	-	-	-
Benzene, 1,3-diemthyl- A	µg/L	2.2 J	-	1.6 J
Chloroiodomethane A	µg/L	-	-	-
Cholestan-3-one A	µg/L	-	-	-
Cyclobarbitol A	µg/L	-	-	-
Cyclohexasiloxane, dodecamethyl- A	µg/L	3.1 J	-	-
Cyclopentasiloxane, decamethyl- A	µg/L	5.4 J	2.9 J	2.7 J
Cyclotetrasiloxane, octamethyl- A	µg/L	5.7 J	-	-
Dodecanal A	µg/L	2.1 J	-	-
Hexobarbital A	µg/L	-	-	-
Mephobarbital A	µg/L	-	-	-
Noramidopyrine A	µg/L	-	-	-
Phenobarbital A	µg/L	-	-	-
p-Xylene A	µg/L	-	-	-
Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phenyl- A	µg/L	-	-	-
Talbutal A	µg/L	-	-	-
Toluene A	µg/L	-	-	-
Triethylamine A	µg/L	-	-	-
Undecane A	µg/L	-	-	-
Unknown 1	µg/L	8.0 J	16 J	17 J
Unknown 2	µg/L	-	2.5 J	-
Unknown 3	µg/L	-	2.1 J	-
Unknown 4	µg/L	-	-	-
Unknown 5	µg/L	-	-	-

Table 3

Analytical Methods
Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
VOCs, SSPs, TICs	SW-846 8260B	Water	-	14
SVOCs, SSPs, TICs	SW-846 8260B	Water	7	40

Notes:

TCL - Target Compound List
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
TICs - Tentatively Identified Compounds
SSPs - Site-specific parameters
- - Not applicable

Method References:
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Table 4

Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Parameter	Analyte	Analysis Date (mm/dd/yyyy)	Blank Result *	Sample ID	Original Result	Qualified Result	Units
SVOCs	1,4-Dichlorobenzene	06/10/2017	0.474 J	WG-007830-060717-BP-001	0.52 J	10 U	µg/L

Notes:

* - Blank result adjusted for sample factors where applicable
U - Not detected at the associated reporting limit
J - Estimated concentration
SVOCs - Semi-volatile Organic Compounds

Table 5

Qualified Sample Results Due to Outlying MS/MSD Results
Sample Collection and Analysis Summary
Annual Groundwater Monitoring
Eastman Kodak Company Sterling Site #3
East Greenbush, New York
June 2017

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result	Units
VOCs	WG-007830-060717-BP-002	Ethyl Ether	61	63	< 1	76 - 123	20	1400 J	µg/L

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference
J - Estimated concentration
VOCs - Volatile Organic Compounds
< - Not detected at the associated limit

Attachment D
Analytical Summary Tables

Table D.1

Summary of Groundwater Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		MW-7B	MW-10B	MW-14B	MW-17B	MW-17B
Sample ID:		WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002	WG-007830-062217-BP-011
Sample Date:		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/22/2017
		Perimeter	Perimeter	Perimeter	Plume	Plume
Parameters	**Units**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
1,1,2-Trichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
1,1-Dichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
1,1-Dichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
1,2-Dichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
1,2-Dichloropropane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
2-Hexanone	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Acetone	mg/L	ND (0.01)	ND (0.01)	0.0043 J	ND (0.01)	ND (0.05)
Benzene	mg/L	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.005)
Bromodichloromethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Bromoform	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Bromomethane (Methyl Bromide)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Carbon disulfide	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Carbon tetrachloride	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Chlorobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Chloroethane	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
Chloroform (Trichloromethane)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Chloromethane (Methyl Chloride)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
cis-1,2-Dichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
cis-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Dibromochloromethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Ethyl Ether	mg/L	ND (0.01)	0.01	ND (0.01)	1.4 J	0.23
Ethylbenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
m&p-Xylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Methylene chloride	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
o-Xylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Styrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Tetrachloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Toluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
trans-1,2-Dichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
trans-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Trichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)
Vinyl chloride	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)
TIC Volatile Organic Compounds						
Chlorodifluoromethane A	mg/L	-	-	-	0.0042 TJN	-
Tetrahydrofuran A	mg/L	0.007 TJN	-	-	-	-
Unknown 1	mg/L	0.0032 TJ	-	0.0031 TJ	-	-
Unknown 2	mg/L	0.0056 TJ	-	0.0045 TJ	-	-
Semi-Volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
1,2-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
1,3-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
1,4-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)

Summary of Groundwater Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		MW-7B	MW-10B	MW-14B	MW-17B	MW-17B
Sample ID:		WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002	WG-007830-062217-BP-011
Sample Date:		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/22/2017
		Perimeter	Perimeter	Perimeter	Plume	Plume
Parameters	**Units**					
2,4,5-Trichlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2,4,6-Trichlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2,4-Dichlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2,4-Dimethylphenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2,4-Dinitrophenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
2,4-Dinitrotoluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2,6-Dinitrotoluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2-Chloronaphthalene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2-Chlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2-Methylnaphthalene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2-Methylphenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
2-Nitroaniline	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
2-Nitrophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
3,3'-Dichlorobenzidine	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
3-Nitroaniline	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
4,6-Dinitro-2-methylphenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
4-Bromophenyl phenyl ether	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
4-Chloro-3-methylphenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
4-Chloroaniline	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
4-Chlorophenyl phenyl ether	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
4-Methylphenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
4-Nitroaniline	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
4-Nitrophenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Acenaphthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Acenaphthylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Anthracene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Benzaldehyde	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Benzo(a)anthracene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Benzo(a)pyrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Benzo(b)fluoranthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Benzo(g,h,i)perylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Benzo(k)fluoranthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
bis(2-Chloroethoxy)methane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
bis(2-Chloroethyl)ether	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
bis(2-Ethylhexyl)phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Butyl benzylphthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Carbazole	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Chrysene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Dibenz(a,h)anthracene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Dibenzofuran	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Diethyl phthalate	mg/L	0.0007 J	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Dimethyl phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Di-n-butylphthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Di-n-octyl phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Fluoranthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Fluorene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Hexachlorobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Hexachlorobutadiene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Hexachlorocyclopentadiene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Hexachloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)

Summary of Groundwater Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		MW-7B	MW-10B	MW-14B	MW-17B	MW-17B
Sample ID:		WG-007830-060717-BP-006	WG-007830-060717-BP-007	WG-007830-060717-BP-008	WG-007830-060717-BP-002	WG-007830-062217-BP-011
Sample Date:		6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/22/2017
		Perimeter	Perimeter	Perimeter	Plume	Plume
Parameters	**Units**					
Indeno(1,2,3-cd)pyrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Isophorone	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Naphthalene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Nitrobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
N-Nitrosodi-n-propylamine	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
N-Nitrosodiphenylamine	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Pentachlorophenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.05)	ND (0.1)
Phenanthrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Phenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
Pyrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.025)	ND (0.05)
TIC Semi-Volatile Organic Compounds						
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	mg/L	-	-	-	0.045 TJN	-
2-Tridecanone A	mg/L	-	-	0.0047 TJN	-	-
3-ol-Cholestan A	mg/L	-	-	-	0.063 TJN	-
Benzene, 1,3-diemthyl- A	mg/L	-	-	-	-	-
Chloroiodomethane A	mg/L	-	-	-	-	0.038 TJN
Cholestan-3-one A	mg/L	-	-	-	0.012 TJN	-
Cyclobarbitol A	mg/L	-	-	-	-	-
Cyclohexasiloxane, dodecamethyl- A	mg/L	0.0018 TJN	-	0.0016 TJN	-	-
Cyclopentasiloxane, decamethyl- A	mg/L	0.0027 TJN	-	0.0031 TJN	-	-
Cyclotetrasiloxane, octamethyl- A	mg/L	-	-	0.0041 TJN	-	-
Dodecanal A	mg/L	-	-	-	-	-
Hexobarbital A	mg/L	0.0085 TJN	-	-	0.012 TJN	-
Mephobarbital A	mg/L	0.015 TJN	-	-	0.035 TJN	-
Noramidopyrine A	mg/L	-	-	-	0.019 TJN	-
Phenobarbital A	mg/L	0.035 TJN	-	-	0.05 TJN	0.028 TJN
p-Xylene A	mg/L	-	-	-	-	-
Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phenyl- A	mg/L	-	-	-	-	-
Talbutal A	mg/L	0.025 TJN	-	-	0.031 TJN	-
Toluene A	mg/L	-	-	-	-	-
Triethylamine A	mg/L	-	-	-	-	-
Undecane A	mg/L	-	-	0.011 TJN	-	-
Unknown 1	mg/L	0.0045 TJ	0.017 TJ	0.015 TJ	0.014 TJ	0.058 TJ
Unknown 2	mg/L	0.013 TJ	0.0028 TJ	-	0.024 TJ	0.019 TJ
Unknown 3	mg/L	0.0022 TJ	-	-	0.0084 TJ	-
Unknown 4	mg/L	0.0017 TJ	-	-	-	-
Unknown 5	mg/L	0.014 TJ	-	-	-	-

Notes:

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

Table D.1

Summary of Groundwater Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		**MW-19B**	**MW-22BR**	**MW-23B**	**MW-24B**
Sample ID:		**WG-007830-060717-BP-001**	**WG-007830-060717-BP-005**	**WG-007830-060717-BP-003**	**WG-007830-060717-BP-004**
Sample Date:		**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**
		Plume	**Perimeter**	**Perimeter**	**Perimeter**
Parameters	**Units**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1,2-Trichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,1-Dichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
1,2-Dichloropropane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
2-Hexanone	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acetone	mg/L	0.003 J	ND (0.01)	ND (0.01)	ND (0.01)
Benzene	mg/L	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
Bromodichloromethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromoform	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Bromomethane (Methyl Bromide)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Carbon disulfide	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbon tetrachloride	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chlorobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloroethane	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chloroform (Trichloromethane)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chloromethane (Methyl Chloride)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
cis-1,2-Dichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
cis-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibromochloromethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Ethyl Ether	mg/L	0.061	ND (0.01)	ND (0.01)	ND (0.01)
Ethylbenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
m&p-Xylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Methylene chloride	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
o-Xylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Styrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Tetrachloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Toluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,2-Dichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
trans-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Trichloroethene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Vinyl chloride	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
TIC Volatile Organic Compounds					
Chlorodifluoromethane A	mg/L	-	-	-	-
Tetrahydrofuran A	mg/L	-	-	-	-
Unknown 1	mg/L	-	-	0.0028 TJ	-
Unknown 2	mg/L	-	-	-	-
Semi-Volatile Organic Compounds					
1,2,4-Trichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
1,2-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
1,3-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
1,4-Dichlorobenzene	mg/L	ND (0.01) U	ND (0.01)	ND (0.01)	ND (0.01)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)

Summary of Groundwater Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		MW-19B	MW-22BR	MW-23B	MW-24B
Sample ID:		WG-007830-060717-BP-001	WG-007830-060717-BP-005	WG-007830-060717-BP-003	WG-007830-060717-BP-004
Sample Date:		6/7/2017	6/7/2017	6/7/2017	6/7/2017
		Plume	Perimeter	Perimeter	Perimeter
Parameters	**Units**				
2,4,5-Trichlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2,4,6-Trichlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2,4-Dichlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2,4-Dimethylphenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2,4-Dinitrophenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
2,4-Dinitrotoluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2,6-Dinitrotoluene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Chloronaphthalene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Chlorophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Methylnaphthalene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Methylphenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
2-Nitroaniline	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
2-Nitrophenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
3,3'-Dichlorobenzidine	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
3-Nitroaniline	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4,6-Dinitro-2-methylphenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Bromophenyl phenyl ether	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
4-Chloro-3-methylphenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
4-Chloroaniline	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
4-Chlorophenyl phenyl ether	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
4-Methylphenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Nitroaniline	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
4-Nitrophenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Acenaphthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Acenaphthylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Anthracene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Benzaldehyde	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Benzo(a)anthracene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Benzo(a)pyrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Benzo(b)fluoranthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Benzo(g,h,i)perylene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Benzo(k)fluoranthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
bis(2-Chloroethoxy)methane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
bis(2-Chloroethyl)ether	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
bis(2-Ethylhexyl)phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Butyl benzylphthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Carbazole	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Chrysene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibenz(a,h)anthracene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dibenzofuran	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Diethyl phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Dimethyl phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Di-n-butylphthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Di-n-octyl phthalate	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Fluoranthene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Fluorene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Hexachlorobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Hexachlorobutadiene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Hexachlorocyclopentadiene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Hexachloroethane	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)

Table D.1

Summary of Groundwater Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		**MW-19B**	**MW-22BR**	**MW-23B**	**MW-24B**
Sample ID:		**WG-007830-060717-BP-001**	**WG-007830-060717-BP-005**	**WG-007830-060717-BP-003**	**WG-007830-060717-BP-004**
Sample Date:		**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**
		Plume	**Perimeter**	**Perimeter**	**Perimeter**
Parameters	**Units**				
Indeno(1,2,3-cd)pyrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Isophorone	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Naphthalene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Nitrobenzene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
N-Nitrosodi-n-propylamine	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
N-Nitrosodiphenylamine	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Pentachlorophenol	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Phenanthrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Phenol	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Pyrene	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
TIC Semi-Volatile Organic Compounds					
10,13-dimethylhexadecahydrocyclopenta-17-(1,5-Dimethylhexyl) A	mg/L	-	-	-	-
2-Tridecanone A	mg/L	-	-	-	-
3-ol-Cholestan A	mg/L	-	-	-	-
Benzene, 1,3-diemthyl- A	mg/L	0.0029 TJN	0.0017 TJN	-	0.0022 TJN
Chloroiodomethane A	mg/L	-	-	-	-
Cholestan-3-one A	mg/L	-	-	-	-
Cyclobarbitol A	mg/L	0.0042 TJN	0.0029 TJN	-	-
Cyclohexasiloxane, dodecamethyl- A	mg/L	-	-	0.0017 TJN	0.0031 TJN
Cyclopentasiloxane, decamethyl- A	mg/L	0.0032 TJN	0.0028 TJN	0.003 TJN	0.0054 TJN
Cyclotetrasiloxane, octamethyl- A	mg/L	-	-	0.0041 TJN	0.0057 TJN
Dodecanal A	mg/L	-	-	-	0.0021 TJN
Hexobarbital A	mg/L	0.0027 TJN	-	-	-
Mephobarbital A	mg/L	0.012 TJN	-	-	-
Noramidopyrine A	mg/L	-	-	-	-
Phenobarbital A	mg/L	0.011 TJN	0.0034 TJN	-	-
p-Xylene A	mg/L	-	-	0.002 TJN	-
Pyrimidinetrione, 5-ethyl-1,3-dimethyl-5-phenyl- A	mg/L	0.0024 TJN	-	-	-
Talbutal A	mg/L	0.0071 TJN	0.0033 TJN	-	-
Toluene A	mg/L	0.0033 TJN	-	-	-
Triethylamine A	mg/L	0.025 TJN	-	-	-
Undecane A	mg/L	-	-	-	-
Unknown 1	mg/L	0.002 TJ	0.014 TJ	0.014 TJ	0.008 TJ
Unknown 2	mg/L	0.03 TJ	-	-	-
Unknown 3	mg/L	0.0017 TJ	-	-	-
Unknown 4	mg/L	0.002 TJ	-	-	-
Unknown 5	mg/L	-	-	-	-

Notes:

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

Summary of Surface Water Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		**SW-1**	**SW-2**
Sample ID:		**WG-007830-060817-BP-009**	**WG-007830-060817-BP-010**
Sample Date:		**6/8/2017**	**6/8/2017**
		SW	**SW**
Parameters	**Units**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	mg/L	ND (0.005)	ND (0.025)
1,1,2,2-Tetrachloroethane	mg/L	ND (0.005)	ND (0.025)
1,1,2-Trichloroethane	mg/L	ND (0.005)	ND (0.025)
1,1-Dichloroethane	mg/L	ND (0.005)	ND (0.025)
1,1-Dichloroethene	mg/L	ND (0.005)	ND (0.025)
1,2-Dichloroethane	mg/L	ND (0.005)	ND (0.025)
1,2-Dichloropropane	mg/L	ND (0.005)	ND (0.025)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND (0.01)	ND (0.05)
2-Hexanone	mg/L	ND (0.01)	ND (0.05)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/L	ND (0.01)	ND (0.05)
Acetone	mg/L	ND (0.01)	ND (0.05)
Benzene	mg/L	ND (0.001)	ND (0.005)
Bromodichloromethane	mg/L	ND (0.005)	ND (0.025)
Bromoform	mg/L	ND (0.005)	ND (0.025)
Bromomethane (Methyl Bromide)	mg/L	ND (0.01)	ND (0.05)
Carbon disulfide	mg/L	ND (0.005)	ND (0.025)
Carbon tetrachloride	mg/L	ND (0.005)	ND (0.025)
Chlorobenzene	mg/L	ND (0.005)	ND (0.025)
Chloroethane	mg/L	ND (0.01)	ND (0.05)
Chloroform (Trichloromethane)	mg/L	ND (0.005)	ND (0.025)
Chloromethane (Methyl Chloride)	mg/L	0.00094 J	ND (0.05)
cis-1,2-Dichloroethene	mg/L	ND (0.005)	ND (0.025)
cis-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.025)
Dibromochloromethane	mg/L	ND (0.005)	ND (0.025)
Ethyl Ether	mg/L	ND (0.01)	ND (0.05)
Ethylbenzene	mg/L	ND (0.005)	ND (0.025)
m&p-Xylene	mg/L	ND (0.005)	ND (0.025)
Methylene chloride	mg/L	ND (0.005)	ND (0.025)
o-Xylene	mg/L	ND (0.005)	ND (0.025)
Styrene	mg/L	ND (0.005)	ND (0.025)
Tetrachloroethene	mg/L	ND (0.005)	ND (0.025)
Toluene	mg/L	ND (0.005)	ND (0.025)
trans-1,2-Dichloroethene	mg/L	ND (0.005)	ND (0.025)
trans-1,3-Dichloropropene	mg/L	ND (0.005)	ND (0.025)
Trichloroethene	mg/L	ND (0.005)	ND (0.025)
Vinyl chloride	mg/L	ND (0.01)	ND (0.05)
Semi-Volatile Organic Compounds			
1,2,4-Trichlorobenzene	mg/L	ND (0.01)	ND (0.01)
1,2-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)
1,3-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)
1,4-Dichlorobenzene	mg/L	ND (0.01)	ND (0.01)
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	mg/L	ND (0.005)	ND (0.005)
2,4,5-Trichlorophenol	mg/L	ND (0.005)	ND (0.005)
2,4,6-Trichlorophenol	mg/L	ND (0.005)	ND (0.005)
2,4-Dichlorophenol	mg/L	ND (0.005)	ND (0.005)
2,4-Dimethylphenol	mg/L	ND (0.005)	ND (0.005)
2,4-Dinitrophenol	mg/L	ND (0.01)	ND (0.01)
2,4-Dinitrotoluene	mg/L	ND (0.005)	ND (0.005)

Summary of Surface Water Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

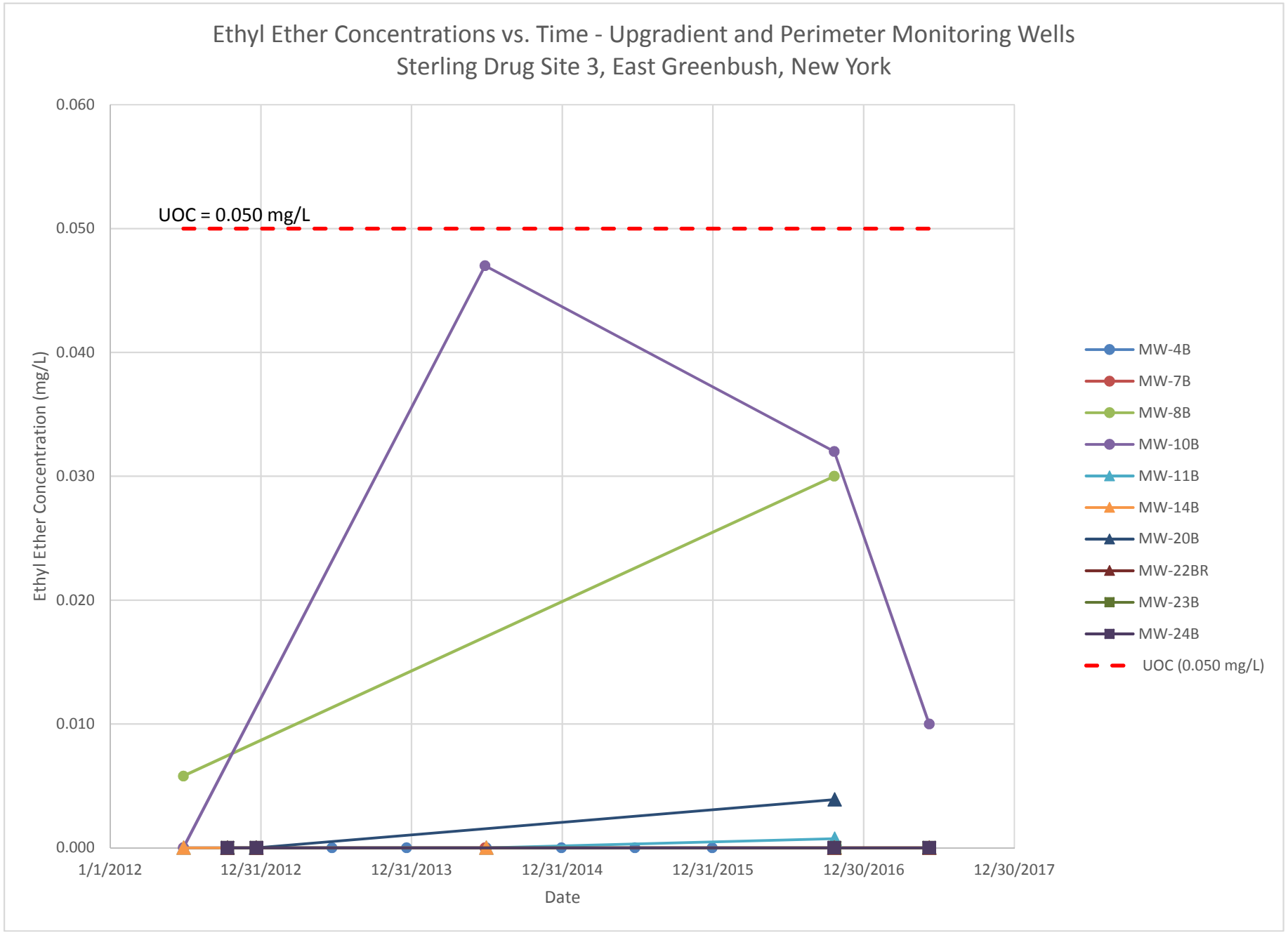
Sample Location:		SW-1	SW-2
Sample ID:		WG-007830-060817-BP-009	WG-007830-060817-BP-010
Sample Date:		6/8/2017	6/8/2017
		SW	SW
Parameters	**Units**		
2,6-Dinitrotoluene	mg/L	ND (0.005)	ND (0.005)
2-Chloronaphthalene	mg/L	ND (0.005)	ND (0.005)
2-Chlorophenol	mg/L	ND (0.005)	ND (0.005)
2-Methylnaphthalene	mg/L	ND (0.005)	ND (0.005)
2-Methylphenol	mg/L	ND (0.005)	ND (0.005)
2-Nitroaniline	mg/L	ND (0.01)	ND (0.01)
2-Nitrophenol	mg/L	ND (0.005)	ND (0.005)
3,3'-Dichlorobenzidine	mg/L	ND (0.005)	ND (0.005)
3-Nitroaniline	mg/L	ND (0.01)	ND (0.01)
4,6-Dinitro-2-methylphenol	mg/L	ND (0.01)	ND (0.01)
4-Bromophenyl phenyl ether	mg/L	ND (0.005)	ND (0.005)
4-Chloro-3-methylphenol	mg/L	ND (0.005)	ND (0.005)
4-Chloroaniline	mg/L	ND (0.005)	ND (0.005)
4-Chlorophenyl phenyl ether	mg/L	ND (0.005)	ND (0.005)
4-Methylphenol	mg/L	ND (0.01)	ND (0.01)
4-Nitroaniline	mg/L	ND (0.01)	ND (0.01)
4-Nitrophenol	mg/L	ND (0.01)	ND (0.01)
Acenaphthene	mg/L	ND (0.005)	ND (0.005)
Acenaphthylene	mg/L	ND (0.005)	ND (0.005)
Anthracene	mg/L	ND (0.005)	ND (0.005)
Benzaldehyde	mg/L	ND (0.005)	ND (0.005)
Benzo(a)anthracene	mg/L	ND (0.005)	ND (0.005)
Benzo(a)pyrene	mg/L	ND (0.005)	ND (0.005)
Benzo(b)fluoranthene	mg/L	ND (0.005)	ND (0.005)
Benzo(g,h,i)perylene	mg/L	ND (0.005)	ND (0.005)
Benzo(k)fluoranthene	mg/L	ND (0.005)	ND (0.005)
bis(2-Chloroethoxy)methane	mg/L	ND (0.005)	ND (0.005)
bis(2-Chloroethyl)ether	mg/L	ND (0.005)	ND (0.005)
bis(2-Ethylhexyl)phthalate	mg/L	ND (0.005)	ND (0.005)
Butyl benzylphthalate	mg/L	ND (0.005)	ND (0.005)
Carbazole	mg/L	ND (0.005)	ND (0.005)
Chrysene	mg/L	ND (0.005)	ND (0.005)
Dibenz(a,h)anthracene	mg/L	ND (0.005)	ND (0.005)
Dibenzofuran	mg/L	ND (0.01)	ND (0.01)
Diethyl phthalate	mg/L	ND (0.005)	ND (0.005)
Dimethyl phthalate	mg/L	ND (0.005)	ND (0.005)
Di-n-butylphthalate	mg/L	ND (0.005)	ND (0.005)
Di-n-octyl phthalate	mg/L	0.00068 J	ND (0.005)
Fluoranthene	mg/L	ND (0.005)	ND (0.005)
Fluorene	mg/L	ND (0.005)	ND (0.005)
Hexachlorobenzene	mg/L	ND (0.005)	ND (0.005)
Hexachlorobutadiene	mg/L	ND (0.005)	ND (0.005)
Hexachlorocyclopentadiene	mg/L	ND (0.005)	ND (0.005)
Hexachloroethane	mg/L	ND (0.005)	ND (0.005)
Indeno(1,2,3-cd)pyrene	mg/L	ND (0.005)	ND (0.005)
Isophorone	mg/L	ND (0.005)	ND (0.005)
Naphthalene	mg/L	ND (0.005)	ND (0.005)
Nitrobenzene	mg/L	ND (0.005)	ND (0.005)
N-Nitrosodi-n-propylamine	mg/L	ND (0.005)	ND (0.005)
N-Nitrosodiphenylamine	mg/L	ND (0.005)	ND (0.005)

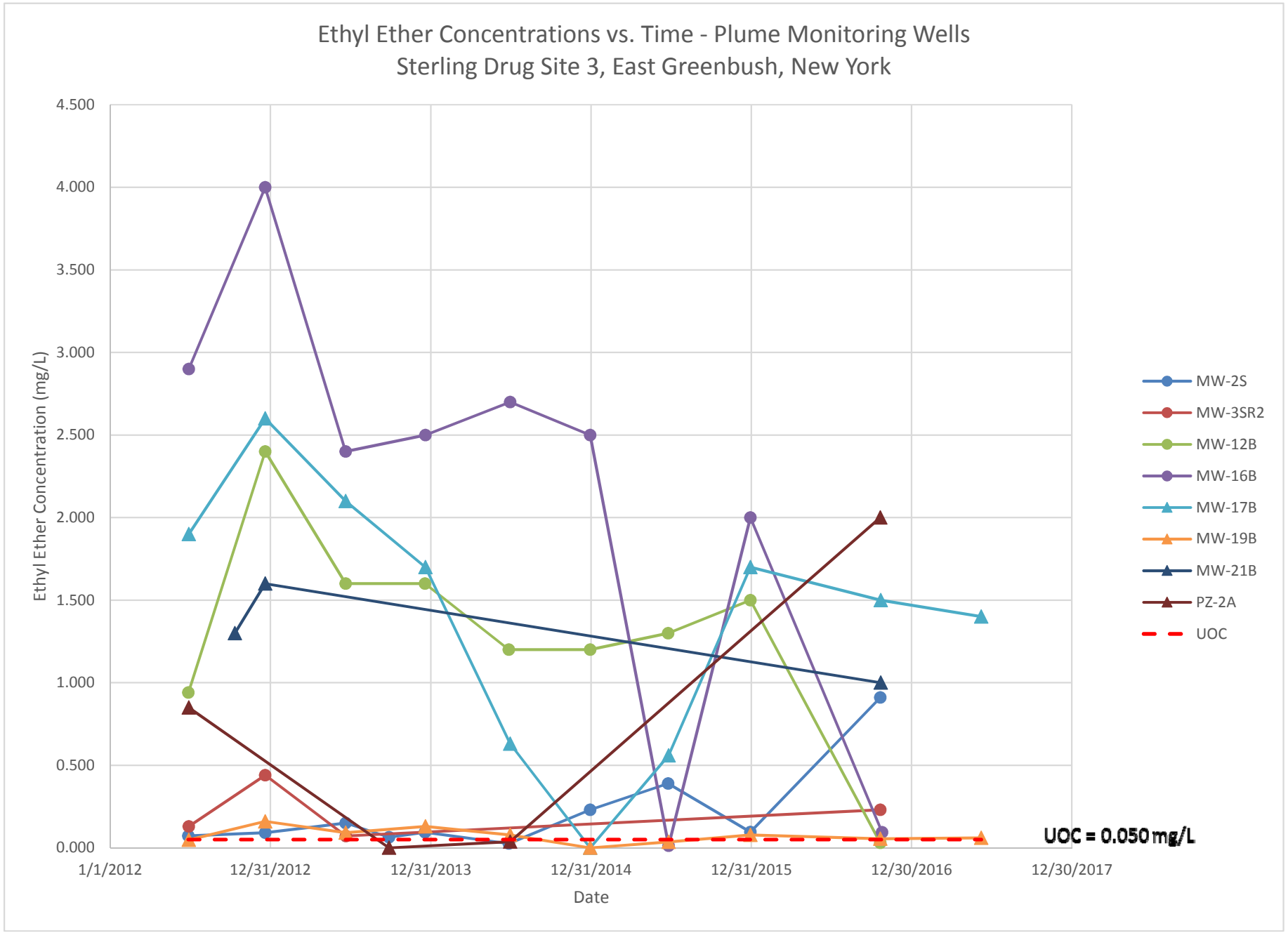
Table D.2

Summary of Surface Water Analytical Results - June 2017
Sterling Drug Site 3
East Greenbush, New York

Sample Location:		**SW-1**	**SW-2**
Sample ID:		**WG-007830-060817-BP-009**	**WG-007830-060817-BP-010**
Sample Date:		**6/8/2017**	**6/8/2017**
		SW	**SW**
Parameters	**Units**		
Pentachlorophenol	mg/L	ND (0.01)	ND (0.01)
Phenanthrene	mg/L	ND (0.005)	ND (0.005)
Phenol	mg/L	ND (0.005)	ND (0.005)
Pyrene	mg/L	ND (0.005)	ND (0.005)
TIC Semi-Volatile Organic Compounds			
Benzene, 1,3-diemthyl- A	mg/L	-	0.0016 TJN
Cyclopentasiloxane, decamethyl- A	mg/L	0.0029 TJN	0.0027 TJN
Unknown 1	mg/L	0.016 TJ	0.017 TJ
Unknown 2	mg/L	0.0025 TJ	-
Unknown 3	mg/L	0.0021 TJ	-

Attachment E
Concentration versus Time Charts for Ethyl Ether


Ethyl Ether Concentrations vs. Time - Upgradient and Perimeter Monitoring Wells
Sterling Drug Site 3, East Greenbush, New York
UOC = 0.050 mg/L
Ethyl Ether Concentration (mg/L)
0.060
0.050
0.040
0.030
0.020
0.010
0.000
1/1/2012
12/31/2012
12/31/2013
12/31/2014
12/31/2015
12/30/2016
12/30/2017
Date
MW-4B
MW-7B
MW-8B
MW-10B
MW-11B
MW-14B
MW-20B
MW-22BR
MW-23B
MW-24B
UOC (0.050 mg/L)


Ethyl Ether Concentrations vs. Time - Plume Monitoring Wells
Sterling Drug Site 3, East Greenbush, New York
Ethyl Ether Concentration (mg/L)
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
1/1/2012
12/31/2012
12/31/2013
12/31/2014
12/31/2015
12/30/2016
12/30/2017
Date
MW-2S
MW-3SR2
MW-12B
MW-16B
MW-17B
MW-19B
MW-21B
PZ-2A
UOC
UOC = 0.050 mg/L