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To:	Mr. John Spellman, P.E.	Date:	May 8, 2019
	Division of Environmental Remediation New York State Department of Environmental Conservation	GEI Project No.	1901029-1.1
	625 Broadway	Re:	Quarterly Groundwater Monitoring Report
	Albany, NY 12233-7014		Suffern MGP Site NYSDEC Site #3-44-045

We are sending you the following enclosures:

No.	Type	Description
1	CD-ROM	Quarterly Groundwater Monitoring Results, First Quarter (March) 2019, Suffern Former MGP Site, NYSDEC Site # 3-44-045, dated May 8, 2019

These are transmitted as checked below:

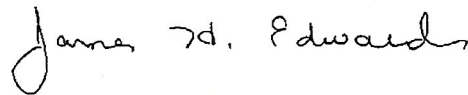
☒ For Approval ☐ For Your Use ☐ For Review/Comment ☐ As Requested ☐ Other

Message:

Copy to:

Ms. Maribeth McCormick – O&R (electronic copy)
Mr. Anthony Perretta – NYSDOH (electronic copy)
Ms. Maureen Schuck – NYSDOH (electronic copy)
Mr. Dan Miller – Rockland County Department of
Health (electronic copy)
Mr. Charles Sawicki – Village of Suffern Department
of Public Works (electronic copy)
Mr. Joe Corrado – CH2M HILL (electronic copy)
Mr. Tim Olean – O'Brien and Gere (electronic copy)

Signed:



James Edwards, P.G.
Project Manager

If enclosures are not as noted, kindly notify us at once.



May 8, 2019
GEI Project 1901029

Consulting
Engineers and
Scientists

Mr. John Spellman, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7014

**Re: Groundwater Monitoring Results
First Quarter (March) 2019 Event
Suffern Former MGP Site
NYSDEC Site # 3-44-045**

Dear Mr. Spellman:

This report has been prepared by GEI Consultants, Inc., P.C. (GEI) for Orange and Rockland Utilities, Inc. (O&R) to present the results of groundwater monitoring activities performed in March 2019 at the former manufactured gas plant (MGP) site in Suffern, New York.

Background

The final tasks for the implementation of the remedy for the Suffern MGP site were completed in late July 2017. The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) have required that quarterly monitoring continue at the site following implementation of the remedy. A proposed scope for post-remedial groundwater monitoring was submitted to the NYSDEC in a work plan dated October 13, 2017. The NYSDEC indicated approval for the work plan in a letter to O&R dated November 7, 2017. This report is the sixth quarterly event to be performed using the scope of work identified in the October 13, 2017 work plan.

Quarterly Field Monitoring Activities and Results

Monitoring Well Elevation Gauging

Seventeen of the 18 monitoring wells were gauged during this event to obtain data to map the direction of groundwater flow. One well (MW27) was not gauged during this sampling event because it is located inside of the Firing Range building, and access to this area was not obtained. Sufficient data was obtained from the surrounding wells to map the direction of groundwater flow.

Table 1 summarizes the data obtained on March 11, 2018. Included on the table are the monitoring well designations, the well locations, the depth-to-water measurements, and the groundwater elevation data. As shown in Table 1, the monitoring wells are screened in two zones in the alluvial unit that underlies the site. The shallow zone wells have well screens that are less than 45 feet below ground surface (bgs) and monitor groundwater quality at, or near the water table. The deeper zone wells have screens that are positioned deeper than 45 feet bgs, and monitor conditions at, or near the top of the bedrock unit.

As shown on Figure 3, the flow direction for groundwater in the shallow zone is from the northeast to the southwest, towards the Ramapo River. The highest groundwater elevation measurement was in the eastern area of the site at MW33 (269.88 feet NAVD88). The lowest groundwater elevation measurement was in the southwestern area of the site at MW4 (263.78 feet NAVD88). The overall change in the elevation of the water table across the site was 6.10 feet. The direction of groundwater flow in the shallow zone for this sampling event is consistent with all of the previous groundwater monitoring events performed at the site.

The results of the groundwater elevation monitoring for the wells screened in the deep zone are shown on Figure 4. The highest elevation for the potentiometric surface was observed at well MW16 (265.49 feet NAVD88). The lowest elevation was observed at MW22 (264.51 feet NAVD88). The overall change in the elevation of the potentiometric surface across the site was approximately 0.98 feet. Only a very slight gradient was observed for this event. The direction of groundwater flow in the deep zone is towards the northwest (Figure 4). The results obtained for this event are consistent with the results obtained for all of the previous sampling events performed at the site.

The Village of Suffern Water Department was contacted to determine which of the Village wells were pumping during the sampling event. The locations of the Village wells are shown on Figure 1. On March 11, 2019, two out of four of the water supply wells were in use:

- **Supply Well #1** - Standby pump - 600 gallons per minute (gpm) for 11.1 hours.
- **Supply Well #2** - Ran for 30 minutes at 600 gpm for sampling purposes.
- **Supply Well #3** - Ran for 30 minutes at 1,100 gpm for sampling purposes.
- **Supply Well #4** - Lead pump at 1,200 gpm for 11.4 hours.

Based on the data obtained for this event, and each of the previous monitoring events performed at the site, the direction of groundwater flow in the deeper zone of the aquifer is consistently to the west / northwest, regardless of which of the Village wells are pumping, or the rate that water is being extracted from the wells.

NAPL Monitoring

Seventeen wells were gauged to assess the presence or absence of non-aqueous phase liquids (NAPLs). Gauging was performed for both light non-aqueous phase liquid (LNAPL), and dense non-aqueous phase liquid (DNAPL). The results are summarized in Table 1. As shown in the table, NAPL was not identified at any of the well locations.

Groundwater Sampling

Groundwater sampling was performed during the week of March 11 to 15, 2019. The samples analyzed are summarized on Figure 2, and in Tables 2 and 3. The samples were analyzed for volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs). Several of the shallow wells or CMT ports were sampled for total cyanide (Figure 2).

The groundwater samples were submitted to Test America Laboratories, Inc. of Pittsburgh, Pennsylvania for analysis. Test America is currently certified to perform analyses under the NYSDOH Environmental Laboratory Approval Program (ELAP). The methods used for the analyses, and the quality control measures performed, were consistent with the specifications provided in the NYSDEC Analytical Services Protocol (ASP). The laboratory Form I Report sheets for the analyses, and the chain-of-custody records are included in Appendix A.

Analytical Results

The results of the groundwater analyses have been compared to the standards or guidance values provided in the document entitled “*NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) Number 1.1.1*,” (NYSDEC, 1998, with addenda through 2004). On Tables 2 and 3, where a result was identified in a concentration greater than the method detection limit, the result is shown with a bold font. Where a result is greater than the NYSDEC Groundwater Standard or Guidance Value, the concentration has been shaded gray on the tables.

Volatile Organic Compounds

The results of the VOC analyses are summarized in Table 2. Exceedances of the NYSDEC Standards or Guidance Values, or information indicating the absence of exceedances for each quarterly well or CMT for the VOC analyses are summarized on Figure 5. For the sample collected at CMT port WP13(29), benzene was detected in a concentration of 1.1 ug/L. This concentration is greater than the groundwater standard value of 1 ug/L. The concentration of benzene detected at this location for this event is similar to the concentration detected at WP13(29) for the baseline event performed in February 2016, and each of the quarterly events performed during, and following remedial construction. Benzene was not detected at any of the well ports for CMTs WP9, WP10, and WP12 (21 well ports total), or at MW10, which are located down gradient of WP13.

Polycyclic Aromatic Hydrocarbons / Other Semi-Volatile Organic Compounds

The results of the analyses for polycyclic aromatic hydrocarbons (PAHs) and other SVOC compounds are summarized in Table 3. Exceedances of the NYSDEC Standards or Guidance Values, or information indicating the absence of exceedances for each quarterly well or CMT for the PAH and SVOC analyses are summarized on Figure 5.

For the sample collected at CMT port WP12(34), naphthalene was detected in a concentration of 13 ug/L. This concentration exceeds the groundwater standard value of 10 ug/L. For the sample collected at CMT port WP11(43), benzo(b)fluoranthene was identified in an estimated (“J”) concentration of 1.3 ug/L, and benzo(k)fluoranthene was identified in an estimated concentration of 0.91 ug/L. These concentrations exceed the groundwater guidance values of 0.002 ug/L for these compounds. Additional quarterly monitoring will be performed to evaluate increasing or decreasing trends for these constituents of concern for these locations.

Total Cyanide

The results of the total cyanide analyses for this quarterly event are included in Table 2. Figure 6 shows the results for this quarter for the sampled wells and CMTs, and also cumulative data for the wells or CMTs identified for cyanide monitoring during 2016 / 2017 remedial construction. Where a result is equal to or greater than the NYSDEC Groundwater Standard Value of 200 ug/L, the concentration has been shaded on Table 2, and Figure 6. For this quarterly sampling event, none of the samples contained total cyanide in a concentration greater than the Groundwater Standard concentration of 200 ug/L.

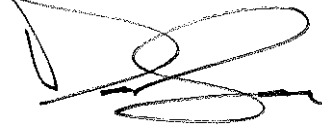
Implementation of the Post-Remedial Monitoring Work Plan

The tasks for groundwater monitoring identified in the October 13, 2017 Work Plan will continue to be performed in 2019. The next quarterly monitoring event is targeted for June 2019. Notification of the schedule for the sampling event will be provided in advance to the NYSDEC.

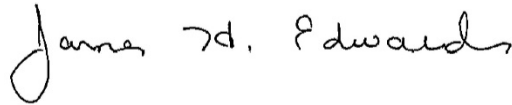
If you have any questions or comments regarding the information presented in this report, please contact us at (607) 216-8958. Please direct the Department's official response to Ms. Maribeth McCormick, of O&R, at (845) 294-1757.

Sincerely,

GEI CONSULTANTS, INC., P.C.



David Sharpe
Geologist



James Edwards, P.G.
Project Manager

DS:mlr

Attachments: Table i – Acronym and NYSDEC Reference Key
Table 1 – Groundwater Elevation Summary and NAPL Gauging Results
Table 2 – VOC and Total Cyanide Results
Table 3 – SVOC Results
Figure 1 – Monitoring Well and CMT Locations
Figure 2 – Quarterly Monitoring Well Locations and Analyses
Figure 3 – Shallow Zone Groundwater Contour Map – March 11, 2019
Figure 4 – Deep Zone Groundwater Contour Map – March 11, 2019
Figure 5 – March 2019 Quarterly Summary of NYSDEC GW Standard or
Guidance Value Exceedances – VOCs and SVOCs
Figure 6 – Total Cyanide Results – 1st Quarter 2019
Appendix A – Chain-of-Custody Record and Form I Report Sheets

c: Ms. Maribeth McCormick – O&R (electronic copy)
Mr. Anthony Perretta – NYSDOH (electronic copy)
Ms. Maureen Schuck – NYSDOH (electronic copy)
Mr. Dan Miller – Rockland County Department of Health (electronic copy)
Mr. Charles Sawicki – Village of Suffern Department of Public Works (electronic copy)
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Mr. Tim Olean – O'Brien and Gere (electronic copy)

Tables

Table i
Acronym and NYSDEC Reference Key
for Analytical Summary Tables

Groundwater Notes:

NYSDEC References:

GW STD - New York Groundwater Guidance or Standard Values - NYSDEC, Division of Water, TOGS (1.1.1) [NYSDEC, 1998], with Addendums.

s = Standard Value

g = Guidance Value

62

Bold value - analyte estimated or detected at a concentration greater than the method detection limit.

62

Gray Shaded value - analyte estimated or detected at concentration greater than the NYSDEC Groundwater Standard or Guidance Values.

Units for groundwater samples:

µg/L = micrograms/Liter = parts per billion

mg/L = milligrams/Liter = parts per million

Laboratory or Validation Qualifiers:

B = For organics analysis - compound was found in the associated blank sample. For metals analysis - the result is an estimated quantity.

B = For inorganic analysis - analyte detected in the associated method blank.

E = Analyte concentration exceeded the calibration range of the instrument.

F = MS and/or MSD Recovery is outside acceptance limits.

F1 = MS and/or MSD Recovery is outside acceptance limits.

F2 = MS/MSD RPD exceeds control limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J- = The result is an estimated quantity, likely to be biased low. The associated numerical value is the approximate concentration of the analyte in the sample.

J+ = The result is an estimated quantity, likely to be biased high. The associated numerical value is the approximate concentration of the analyte in the sample.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling events.

R = The data are unusable. The sample results are rejected due to serious deficiencies in the ability to meet quality control criteria.

U = The analyte was analyzed for, but was not detected above the level reported.

UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximated and may be inaccurate or imprecise.

BW - Analyte detected in the associated method blank and post-digest spike recovery furnace analysis was out of 85-115 percent control limit, while sample absorbance was less than 50 percent of spike absorbance.

BWN - Analyte detected in the associated method blank and post-digest spike recovery furnace analysis was out of 85-115 percent control limit, while sample absorbance was less than 50 percent of spike absorbance. Analyte is presumptively present.

UW - Not detected at or above the reporting limit shown and post-digest spike recovery furnace analysis was out of 85-115 percent control limit, while sample absorbance was less than 50 percent of spike absorbance.

JB - Estimated value and the analyte was detected in the associated method blank.

* = LCS or LCSD is outside acceptance limits.

Other Notes:

NA = Not analyzed for, Not applicable

ND = Not detected. Total concentration is listed as ND because no compounds were detected in the group (such as for Total BTEX).

NE = Not established

NL = Not Listed

PAHs - polycyclic aromatic hydrocarbons

SVOCs - semi-volatile organic compounds

TAL - Target Analyte List

TCL - Target Compound List

BTEX and Total PAHs are calculated using detects only.

Total VOCs includes all BTEX compounds.

Total SVOCs includes all PAH compounds.

Table 1
Groundwater Elevation Summary and NAPL Gauging Results
1st Quarter (March) 2019 Groundwater Monitoring Event
Suffern MGP Site

Designation	Zone Monitored	Location on Site	PVC Riser Elevation (Feet NAVD88)	Depth to Water March 11, 2018 (Feet)	Groundwater Elevation March 11, 2018 (Feet NAVD88)	NAPL Gauging Results
MW1	S	O&R Parcel - Former MGP Area	278.15	12.46	265.69	Not Present
MW2	S	O&R Parcel - Former MGP Area	274.36	9.15	265.21	Not Present
MW4	S	O&R Parcel - Former MGP Area	271.78	8.00	263.78	Not Present
MW5	S	O&R Parcel - Gate Station	273.85	8.54	265.31	Not Present
MW10	S	O&R Parcel - Gate Station	270.90	5.62	265.28	Not Present
MW16	D	Village of Suffern ROW	272.17	6.68	265.49	Not Present
MW19	D	State of New Jersey Parcel	275.80	10.53	265.27	Not Present
MW22	D	O&R Parcel - Gate Station	268.63	4.12	264.51	Not Present
MW23	S	Village of Suffern ROW	271.19	5.83	265.36	Not Present
MW25	S	O&R Parcel - Former MGP Area	277.21	11.63	265.58	Not Present
MW26	S	O&R Parcel - Former MGP Area	277.57	11.97	265.60	Not Present
MW27	S	State of New Jersey Parcel	275.60	Not Measured (Note 1)	Not Measured (Note 1)	Not Measured
MW29	S	State of New Jersey - Raised Railroad Grade	287.78	22.70	265.08	Not Present
MW30	D	State of New Jersey - Raised Railroad Grade	287.18	22.35	264.83	Not Present
MW31	S	State of New Jersey - Raised Railroad Grade	286.57	21.24	265.33	Not Present
MW33	S	State of New Jersey Parcel	273.48	3.60	269.88	Not Present
MW34	S	State of New Jersey Parcel	270.86	4.67	266.19	Not Present
MW35	S	O&R Natural Gas Distribution Station No. 28 & 29	272.49	7.02	265.47	Not Present

S = Shallow Zone

D = Deep Zone

Note 1 - Access to this well not obtained for this event. The well is located in the Firing Range.

Sufficient data obtained from surrounding wells to map the direction of groundwater flow.

Table 2
VOC and Cyanide Results
1st Quarter (March) 2019 Groundwater Monitoring Event
Suffern MGP Site

			Location Name	MW04	MW10	MW16	MW33	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	WP05	
			Sample Name	MW4	MW10	MW16	MW33	WP5(19)	WP5(32)	WP5(45)	WP5(58)	WP5(71)	WP5(84)	WP5(97)	WP9(12)	WP9(29.5)	WP9(47)	WP9(64.5)	WP9(82)	WP9(99.5)	WP9(117)	WP10(32)	WP10(49)	WP10(66)	WP10(83)	WP10(100)
			Start Depth	4	7	63	8	19	32	45	58	71	84	97	12	29.5	47	64.5	82	99.5	117	32	49	66	83	100
			Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
			Sample Date	3/13/2019	3/13/2019	3/12/2019	3/12/2019	3/15/2019	3/15/2019	3/15/2019	3/15/2019	3/15/2019	3/15/2019	3/15/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019	3/12/2019	3/13/2019	3/13/2019	3/13/2019	3/13/2019	3/13/2019
Analyte	CAS No.	NYSDEC																								
		Groundwater																								
		Guidance or																								
		Standard Value																								
BTEX (ug/L)																										
Benzene	71-43-2	1	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UF1	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene	1330-20-7	5	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ug/L)			NA	NE	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other VOCs (ug/L)																										
Acetone	67-64-1	50*	NA	5 U	5 U	4.6 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UF1	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	75-27-4	50*	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U*	1 U*	1 U*	1 U*	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50*	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	75-15-0	60*	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	56-23-5	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform (Trichloromethane)	67-66-3	7	NA	1 U	1 U	1 U	2.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	NE	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50*	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (EDB)	106-93-4	0.0006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene (o-DCB)	95-50-1	3	NA	1 U*	1 U	1 U	1 U*	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U*	1 U*	1 U*	1 U*	1 U*
1,3-Dichlorobenzene (m-DCB)	541-73-1	3	NA	1 U*	1 U	1 U	1 U*	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U*	1 U*	1 U*	1 U*	1 U*
1,4-Dichlorobenzene (p-DCB)	106-46-7	3	NA	1 U*	1 U	1 U	1 U*	1 U*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U*	1 U*	1 U*	1 U*	1 U*
Dichlorodifluoromethane (Freon 12)	75-71-8	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	0.4	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	0.4	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	50*	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	98-82-8	5	NA	1 U	1 U	1 U	1 U	1 U	0.52 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U										

Table 2
VOC and Cyanide Results
1st Quarter (March) 2019 Groundwater Monitoring Event
Suffern MGP Site

[illegible]

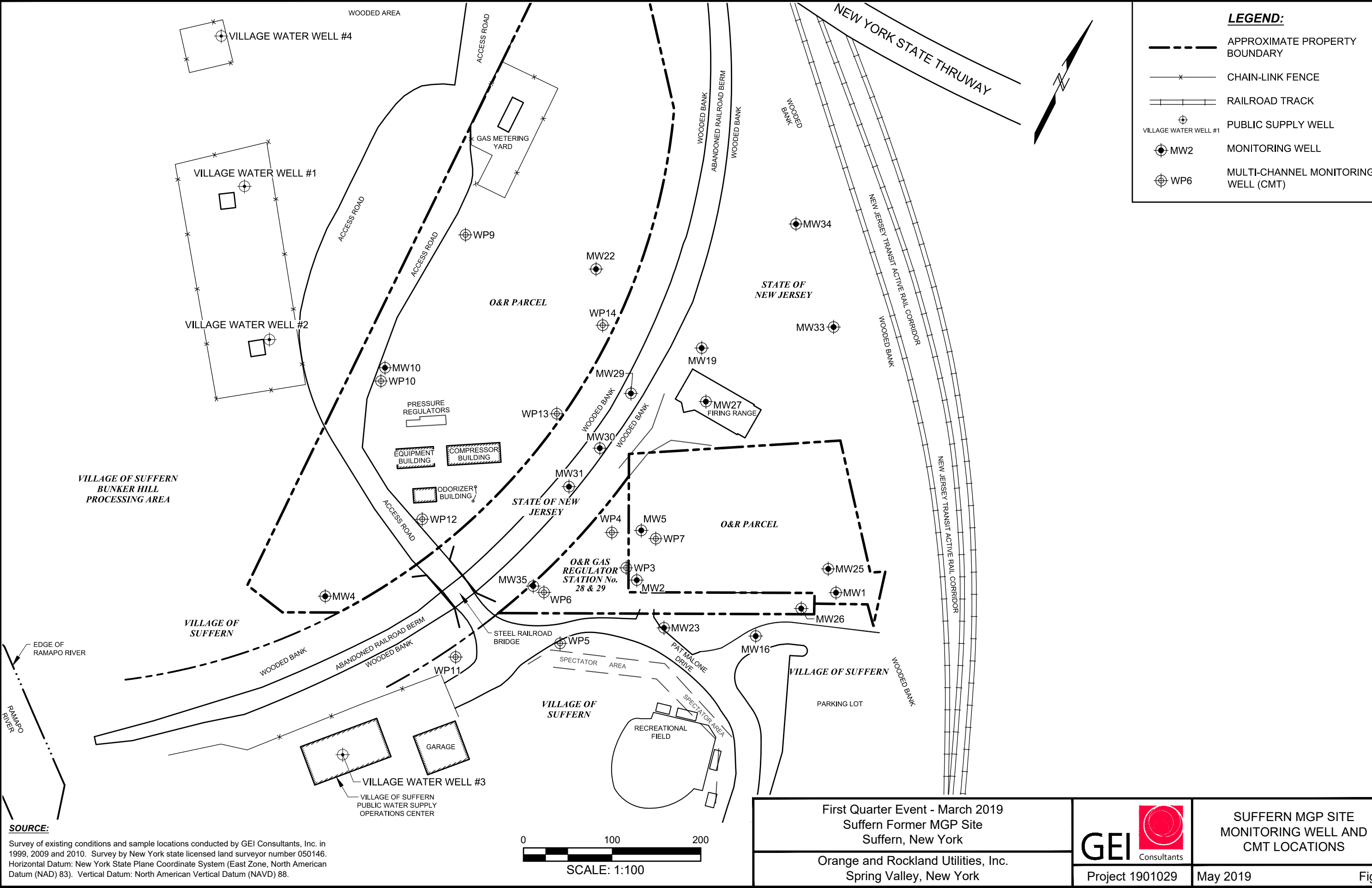
Table 3
SVOC Results
1st Quarter (March) 2019 Groundwater Monitoring Event
Suffern MGP Site

Location Name Sample Name Start Depth Depth Unit Sample Date			MW10 MW10 7 ft 3/13/2019	MW16 MW16 63 ft 3/12/2019	MW33 MW33 8 ft 3/12/2019	WP05 WP5(19) 19 ft 3/15/2019	WP05 WP5(32) 32 ft 3/15/2019	WP05 WP5(45) 45 ft 3/15/2019	WP05 WP5(58) 58 ft 3/15/2019	WP05 WP5(71) 71 ft 3/15/2019	WP05 WP5(84) 84 ft 3/15/2019	WP05 WP5(97) 97 ft 3/15/2019	WP09 WP9(12) 12 ft 3/12/2019	WP09 WP9(29.5) 29.5 ft 3/12/2019	WP09 WP9(47) 47 ft 3/12/2019	WP09 WP9(64.5) 64.5 ft 3/12/2019	WP09 WP9(82) 82 ft 3/12/2019	WP09 WP9(99.5) 99.5 ft 3/12/2019	WP09 WP9(117) 117 ft 3/12/2019	WP10 WP10(32) 32 ft 3/13/2019	WP10 WP10(49) 49 ft 3/13/2019	WP10 WP10(66) 66 ft 3/13/2019	WP10 WP10(83) 83 ft 3/13/2019	WP10 WP10(100) 100 ft 3/13/2019	WP10 WP10(117) 117 ft 3/13/2019	WP10 WP10(134) 134 ft 3/13/2019	
Analyte	CAS No.	NYSDEC Groundwater Guidance or Standards																									
NYSDEC PAH17 (ug/L)																											
Acenaphthene	83-32-9	20*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2.4	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Acenaphthylene	208-96-8	NE	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	3.8	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Anthracene	120-12-7	50*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Benzo(a)anthracene	56-55-3	0.002*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Benzo(b)fluoranthene	205-99-2	0.002*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Benzo(k)fluoranthene	207-08-9	0.002*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Benzo(g,h,i)perylene	191-24-2	NE	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Benzo(a)pyrene	50-32-8	ND	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Chrysene	218-01-9	0.002*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Dibenz(a,h)anthracene	53-70-3	NE	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Fluoranthene	206-44-0	50*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Fluorene	86-73-7	50*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	0.76 J	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Indeno(1,2,3-cd)pyrene	193-39-5	0.002*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
2-Methylnaphthalene	91-57-6	NE	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 UF1	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Naphthalene	91-20-3	10*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 UF1	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Phenanthrene	85-01-8	50*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Pyrene	129-00-0	50*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2.2	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Total PAH (17) (ug/L)	NA	NE	ND	ND	ND	ND	ND	9.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Other SVOCs (ug/L)																											
Acetophenone	98-86-2	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 UF1	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Atrazine	1912-24-9	7.5	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Benzaldehyde	100-52-7	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Biphenyl (1,1-Biphenyl)	92-52-4	5	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Bis(2-chloroethoxy)methane	111-91-1	5	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Bis(2-chloroethyl)ether	111-44-4	1	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 UF1	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
2,2-oxybis(1-Chloropropane)	108-60-1	5	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Bis(2-ethylhexyl)phthalate	117-81-7	5	100 U	96 U	96 U	96 U	96 U	100 U	93 U	96 U	96 U	93 U	100 U	96 U	96 U	100 U	96 U	100 U	96 U	100 U	96 U	100 U	96 U	96 U	96 U	96 U	
4-Bromophenyl phenyl ether	101-55-3	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Butyl benzyl phthalate	85-68-7	50*	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Caprolactam	105-60-2	NE	50 U	48 U	48 U	48 U	48 U	52 U	46 U	48 U	48 U	46 U	50 U	48 U	48 U	52 U	48 U	50 U	48 U	50 UF1	48 U	50 U	48 U	48 U	48 U	48 U	
Carbazole	86-74-8	NE	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.1 J	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
4-Chloro-3-methylphenol	59-50-7	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
4-Chloroaniline	106-47-8	5	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 UF1	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
2-Chloronaphthalene	91-58-7	10*	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 UF1	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
2-Chlorophenol	95-57-8	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 UF1	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
4-Chlorophenyl phenyl ether	7005-72-3	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Dibenzofuran	132-64-9	NE	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
3,3-Dichlorobenzidine	91-94-1	5	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 UF1	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
2,4-Dichlorophenol	120-83-2	5	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2 U	1.8 U	1.9 U	1.8 U	1.9 UF1	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	
Diethyl phthalate	84-66-2	50*	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Dimethyl phthalate	131-11-3	50*	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
2,4-Dimethylphenol	105-67-9	50*	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 UF1	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
Di-n-butyl phthalate	84-74-2	50	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
4,6-Dinitro-2-methylphenol	534-52-1	NE	50 U	48 U	48 U	48 U	48 U	52 U	46 U	48 U	48 U	46 U	50 U	48 U	48 U	52 U	48 U	50 U	48 U	50 U	48 U	50 U	48 U	48 U	48 U	48 U	
2,4-Dinitrophenol	51-28-5	10*	100 U	96 U	96 U	96 U	96 U	100 U	93 U	96 U	96 U	93 U	100 U	96 U	96 U	100 U	96 U	100 U	96 U	100 U	96 U	100 U	96 U	96 U	96 U	96 U	
2,4-Dinitrotoluene	121-14-2	5	10 U	9.6 U	9.6 U	9.6 U	9.6 U	10 U	9.3 U	9.6 U	9.6 U	9.3 U	10 U	9.6 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	10 U	9.6 U	9.6 U	9.6 U	9.6 U	
2,6-Dinitrotoluene	606-20-2	5																									

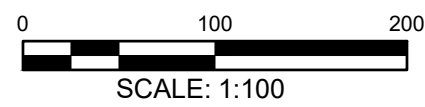
Table 3
SVOC Results
1st Quarter (March) 2019 Groundwater Monitoring Event
Suffern MGP Site

Analyte	CAS No.	Location Name Sample Name Start Depth Depth Unit Sample Date	WP11	WP11	WP11	WP11	WP11	WP11	WP11	WP12	WP12	WP12	WP12	WP12	WP12	WP12	WP13	WP13	WP13	WP13	WP13	WP13	
			WP11(12) 12 ft 3/15/2019	WP11(27) 27 ft 3/15/2019	WP11(43) 43 ft 3/14/2019	WP11(58) 58 ft 3/14/2019	WP11(73) 73 ft 3/14/2019	WP11(88) 88 ft 3/14/2019	WP11(104) 104 ft 3/14/2019	WP12(12) 12 ft 3/12/2019	WP12(34) 34 ft 3/12/2019	WP12(54) 54 ft 3/12/2019	WP12(74) 74 ft 3/11/2019	WP12(94) 94 ft 3/11/2019	WP12(114) 114 ft 3/11/2019	WP12(134) 134 ft 3/11/2019	WP13(12) 12 ft 3/14/2019	WP13(29) 29 ft 3/14/2019	WP13(47) 47 ft 3/14/2019	WP13(64) 64 ft 3/14/2019	WP13(82) 82 ft 3/13/2019	WP13(99) 99 ft 3/13/2019	WP13(117) 117 ft 3/13/2019
		NYSDEC Groundwater Guidance or Standards																					
NYSDEC PAH17 (ug/L)																							
Acenaphthene	83-32-9	20*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	10	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	9.2	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Acenaphthylene	208-96-8	NE	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	0.81 J	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	1.1 J	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Anthracene	120-12-7	50*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Benzo(a)anthracene	56-55-3	0.002*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Benzo(b)fluoranthene	205-99-2	0.002*	1.8 U	1.8 U	1.3 J	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Benzo(k)fluoranthene	207-08-9	0.002*	1.8 U	1.8 U	0.91 J	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Benzo(g,h,i)perylene	191-24-2	NE	1.8 U	1.8 U	0.73 J	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Benzo(a)pyrene	50-32-8	ND	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Chrysene	218-01-9	0.002*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Dibenz(a,h)anthracene	53-70-3	NE	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Fluoranthene	206-44-0	50*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Fluorene	86-73-7	50*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.6 J	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
2-Methylnaphthalene	91-57-6	NE	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Naphthalene	91-20-3	10*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	7.1	1.9 U	13	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Phenanthrene	85-01-8	50*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Pyrene	129-00-0	50*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Total PAH (17) (ug/L)	NA	NE	ND	ND	2.94	ND	ND	ND	7.91	11.6	13	ND	ND	ND	ND	ND	ND	10.3	ND	ND	ND	ND	ND
Other SVOCs (ug/L)																							
Acetophenone	98-86-2	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Atrazine	1912-24-9	7.5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Benzaldehyde	100-52-7	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Biphenyl (1,1-Biphenyl)	92-52-4	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Bis(2-chloroethoxy)methane	111-91-1	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Bis(2-chloroethyl)ether	111-44-4	1	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
2,2-oxybis(1-Chloropropane)	108-60-1	5	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Bis(2-ethylhexyl)phthalate	117-81-7	5	96 U	96 U	100 U	100 U	100 U	100 U	100 U	100 U	96 U	100 U	100 U	96 U	96 U	100 U	110 U	110 U	100 U	100 U	110 U	100 U	96 U
4-Bromophenyl phenyl ether	101-55-3	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Butyl benzyl phthalate	85-68-7	50*	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Caprolactam	105-60-2	NE	48 U	48 U	50 U	50 U	52 U	52 U	52 U	50 U	48 U	52 U	52 U	48 U	48 U	50 U	54 U	54 U	50 U	50 U	54 U	52 U	48 U
Carbazole	86-74-8	NE	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
4-Chloro-3-methylphenol	59-50-7	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
4-Chloroaniline	106-47-8	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
2-Chloronaphthalene	91-58-7	10*	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
2-Chlorophenol	95-57-8	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
4-Chlorophenyl phenyl ether	7005-72-3	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Dibenzofuran	132-64-9	NE	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
3,3-Dichlorobenzidine	91-94-1	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
2,4-Dichlorophenol	120-83-2	5	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Diethyl phthalate	84-66-2	50*	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Dimethyl phthalate	131-11-3	50*	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
2,4-Dimethylphenol	105-67-9	50*	9.6 UF1	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Di-n-butyl phthalate	84-74-2	50	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
4,6-Dinitro-2-methylphenol	534-52-1	NE	48 U	48 U	50 U	50 U	52 U	52 U	52 U	50 U	48 U	52 U	52 U	48 U	48 U	50 U	54 U	54 U	50 U	50 U	54 U	52 U	48 U
2,4-Dinitrophenol	51-28-5	10*	96 U	96 U	100 U	100 U	100 U	100 U	100 U	100 U	96 U	100 U	100 U	96 U	96 U	100 U	110 U	110 U	100 U	100 U	110 U	100 U	96 U
2,4-Dinitrotoluene	121-14-2	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
2,6-Dinitrotoluene	606-20-2	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Di-n-octyl phthalate	117-84-0	50*	9.6 UF1	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Hexachlorobenzene	118-74-1	0.04	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
1,3-Hexachlorobutadiene (C-46)	87-68-3	0.5	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	2 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	1.9 U	1.9 U	2.1 U	2 U	1.8 U
Hexachlorocyclopentadiene	77-47-4	5	9.6 UF1	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Hexachloroethane	67-72-1	5	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
Isophorone	78-59-1	50*	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	9.6 U	10 U	10 U	9.6 U	9.6 U	10 U	11 U	11 U	10 U	10 U	11 U	10 U	9.6 U
2-Methylnaphthalene	91-57-6	NE	1.8 U	1.8 U	1.9 U	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U												

Figures

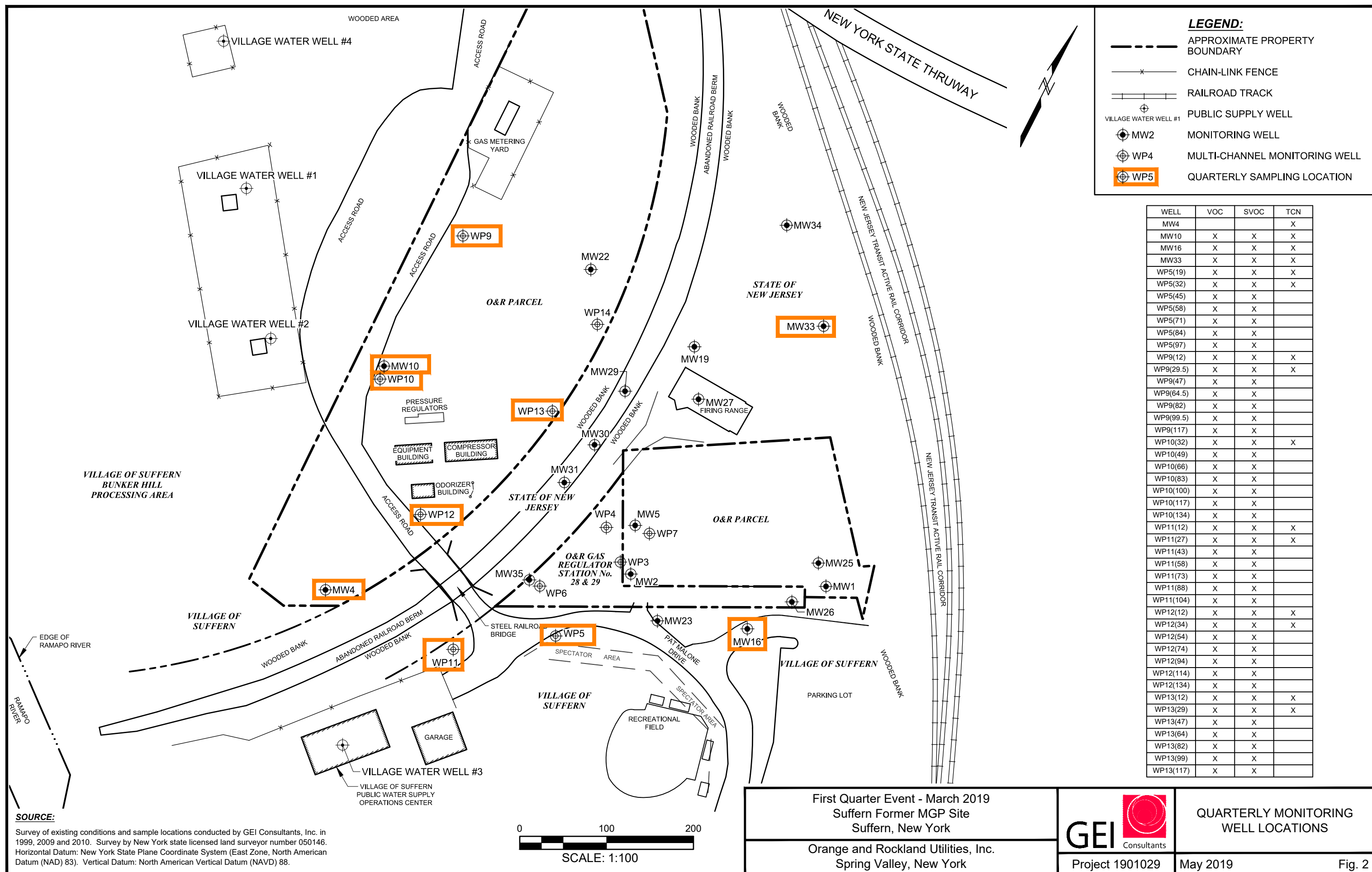


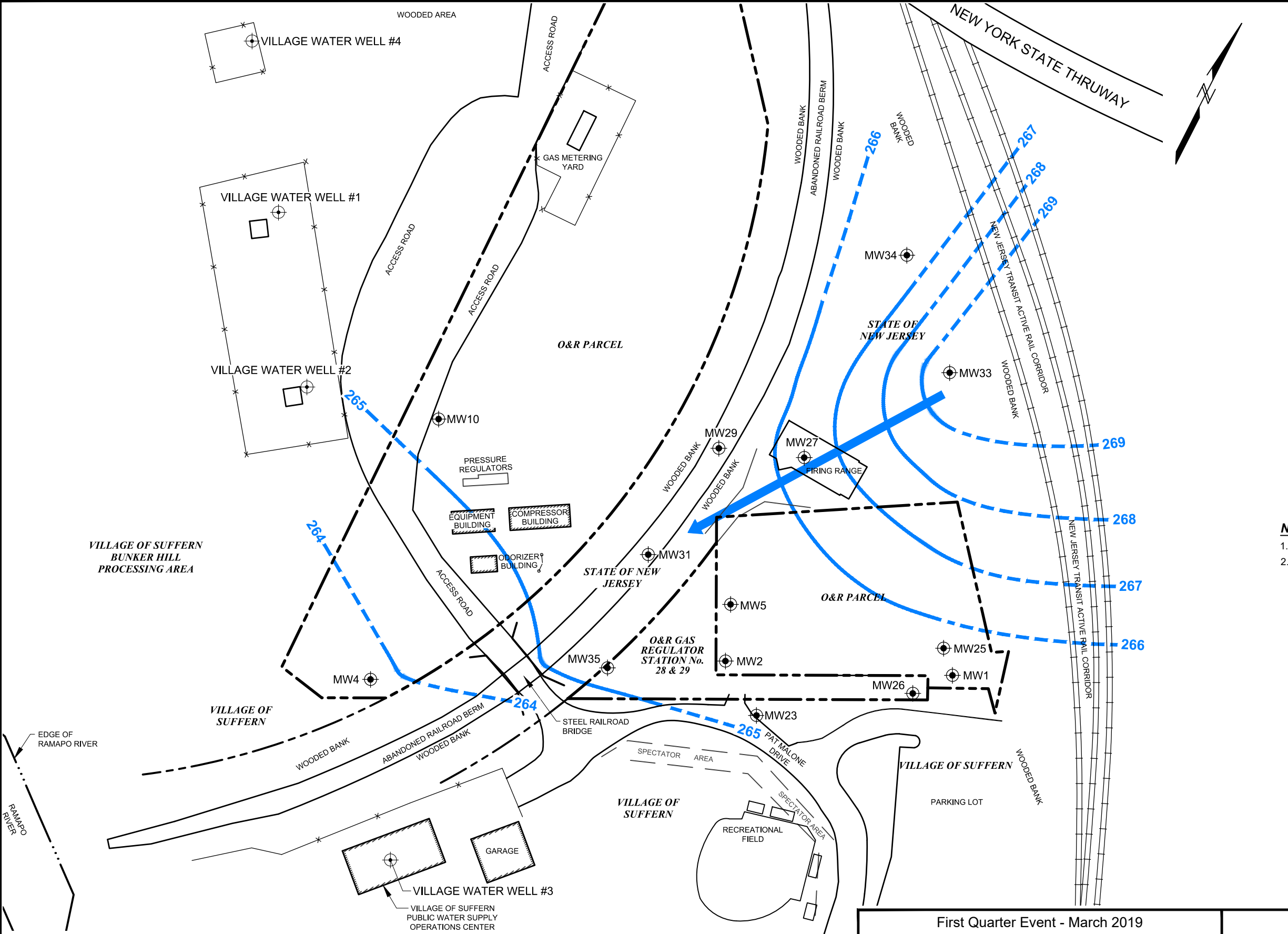
SOURCE:
Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. in 1999, 2009 and 2010. Survey by New York state licensed land surveyor number 050146. Horizontal Datum: New York State Plane Coordinate System (East Zone, North American Datum (NAD) 83). Vertical Datum: North American Vertical Datum (NAVD) 88.



First Quarter Event - March 2019 Suffern Former MGP Site Suffern, New York Orange and Rockland Utilities, Inc. Spring Valley, New York		SUFFERN MGP SITE MONITORING WELL AND CMT LOCATIONS	
		Project 1901029	May 2019

Fig. 1





LEGEND:

APPROXIMATE PROPERTY BOUNDARY

CHAIN-LINK FENCE

RAILROAD TRACK

MONITORING WELL

PUBLIC SUPPLY WELL

VILLAGE WATER WELL #1

266

SHALLOW GROUNDWATER CONTOUR(Feet NAVD 88)

DASHED WHERE INFERRED

INFERRED DIRECTION OF GROUNDWATER FLOW

Well ID	Groundwater Elevation March 11, 2019 (Feet NAVD88)
MW1	265.69
MW2	265.21
MW4	263.78
MW5	265.31
MW10	265.28
MW23	265.36
MW25	265.58
MW26	265.60
MW27	NM
MW29	265.08
MW31	265.33
MW33	269.88
MW34	266.19
MW35	265.47

- NOTES:
1. NM = NOT MEASURED

2. HORIZONTAL LOCATIONS ARE REFERENCED TO THE NEW YORK STATE COORDINATE SYSTEM - EAST ZONE. VERTICAL ELEVATIONS ARE REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83) NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).

SOURCE:

Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. in 1999, 2009 and 2010. Survey by New York state licensed land surveyor number 050146. Horizontal Datum: New York State Plane Coordinate System (East Zone, North American Datum (NAD) 83). Vertical Datum: North American Vertical Datum (NAVD) 88.

0100200

SCALE: 1:100

First Quarter Event - March 2019

Suffern Former MGP Site

Suffern, New York

Orange and Rockland Utilities, Inc.

Spring Valley, New York

GEI

Consultants

SHALLOW ZONE

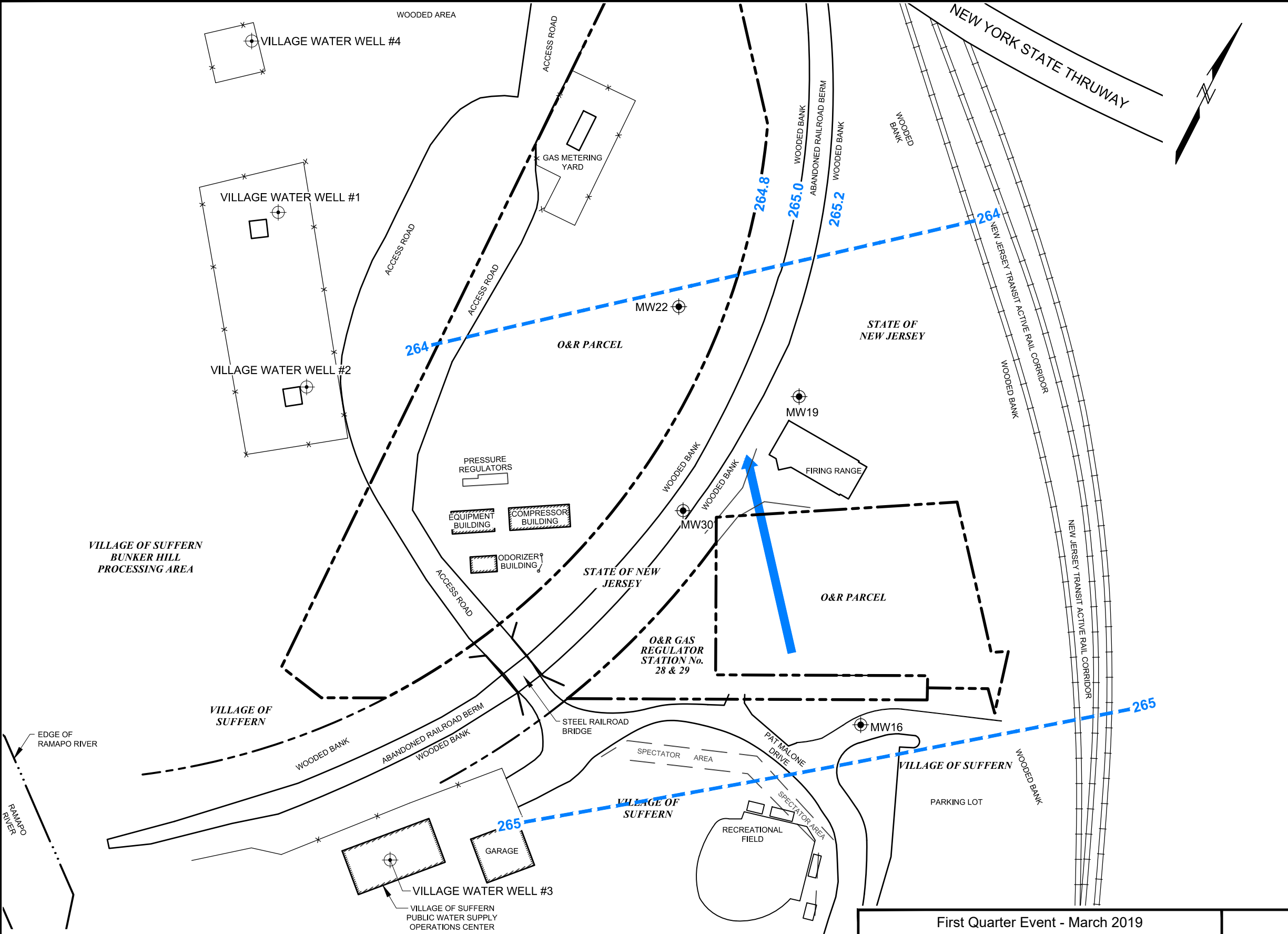
GROUNDWATER CONTOUR MAP

MARCH 11, 2019

Project 1901029

May 2019

Fig. 3



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- x--- CHAIN-LINK FENCE
- RAILROAD TRACK
- ⊕ MW6 MONITORING WELL
- ⊕ VILLAGE WATER WELL #1 PUBLIC SUPPLY WELL
- 265--- INFERRED DEEP GROUNDWATER CONTOUR (FEET NAVD 88)
- ← INFERRED DIRECTION OF GROUNDWATER FLOW

Well ID	Groundwater Elevation March 11, 2019 (Feet NAVD 88)
MW16	265.49
MW19	265.27
MW22	264.51
MW30	264.83

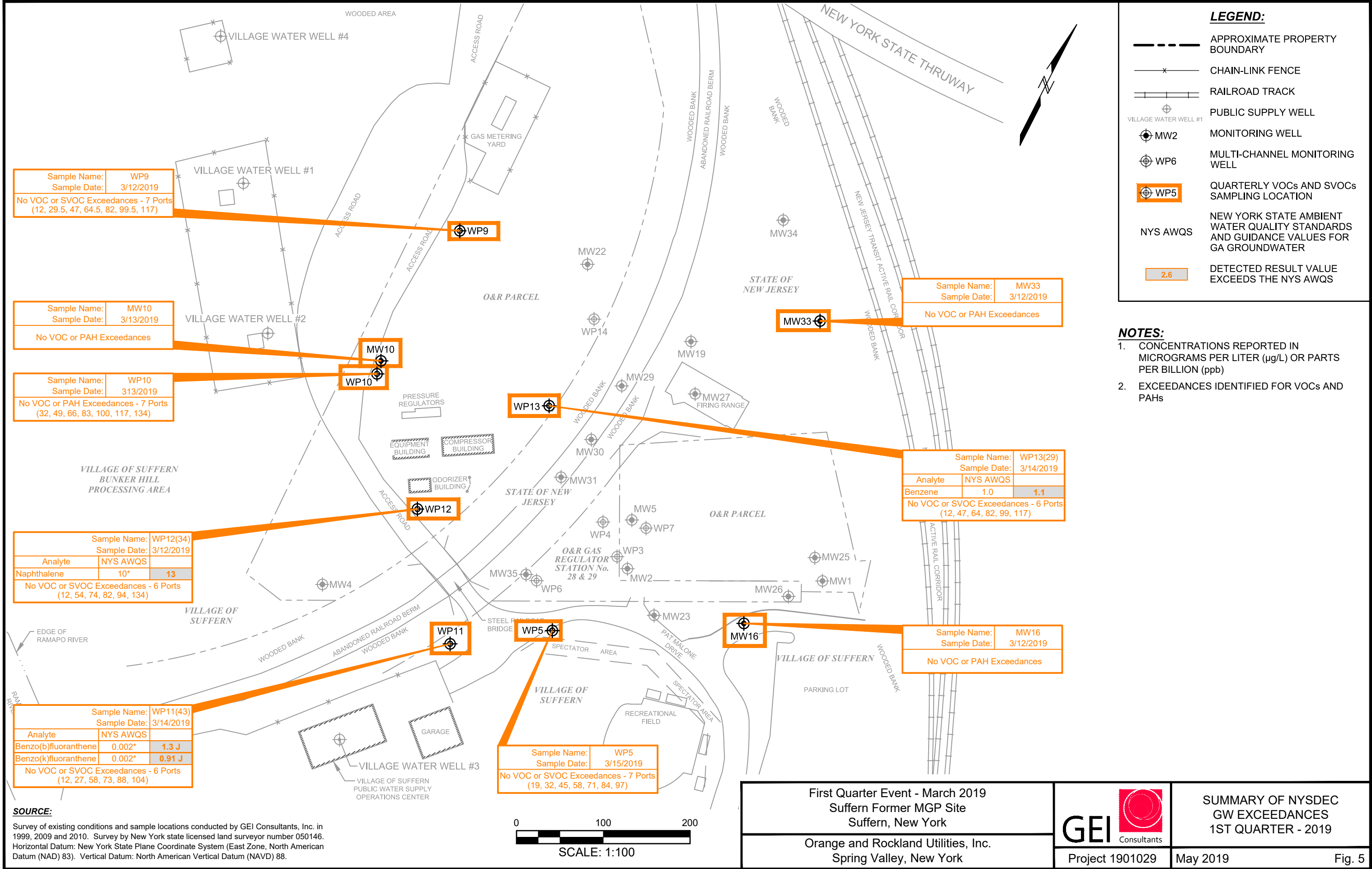
NOTE:
HORIZONTAL LOCATIONS ARE REFERENCED TO THE NEW YORK STATE COORDINATE SYSTEM - EAST ZONE. VERTICAL ELEVATIONS ARE REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83) NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).

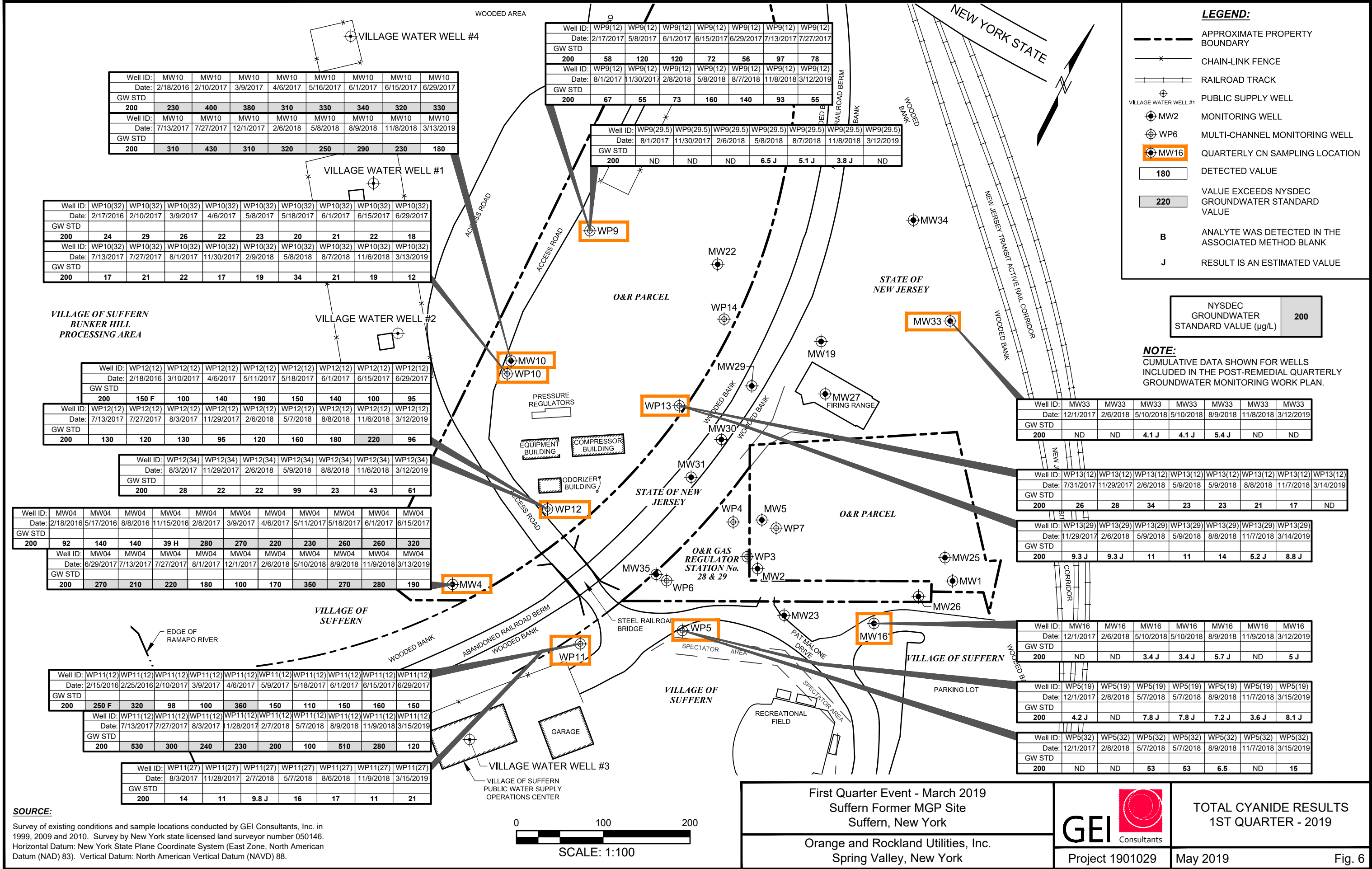
SOURCE:
Survey of existing conditions and sample locations conducted by GEI Consultants, Inc. in 1999, 2009 and 2010. Survey by New York state licensed land surveyor number 050146. Horizontal Datum: New York State Plane Coordinate System (East Zone, North American Datum (NAD) 83). Vertical Datum: North American Vertical Datum (NAVD) 88.

0 100 200
SCALE: 1:100

First Quarter Event - March 2019 Suffern Former MGP Site Suffern, New York		DEEP ZONE GROUNDWATER CONTOUR MAP MARCH 11, 2019	
Orange and Rockland Utilities, Inc. Spring Valley, New York		Project 1901029	May 2019

Fig. 4





Appendix A

Chain-of-Custody Record and Form I Report Sheets

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

Chain of Custody Record

TestAmerica

Client Information		Sample: <u>D. Sharpe / E. Sharpe</u> Job # <u>180-41136-8933.1</u> Page <u>1</u> of <u>2</u>	
Client Contact: James Edwards Company: GEI Consultants, Inc. Address: 1301 Trumansburg Road Suite N City: Ithaca State: NY Zip: 14850 Phone: 607-216-8958 Email: jedwards@geiconsultants.com Project Name: 18007817 Site: SSOV#		Current Tracking Ref(s): Dunlap, David A. E-Mail: david.dunlap@testamerica.com	
Due Date Requested: TAT Requested (days): 15 work day PO # Purchase Order not required W/O # Project # 18007817 Site:		Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHCO ₃ F - NaOH G - Amchlor H - Ascorbic Acid I - Ice J - Di. Water K - EDTA L - EDA Other: M - Hexane N - None O - As ₂ O ₃ P - Na ₂ O ₄ S Q - Na ₂ SO ₃ R - Na ₂ SO ₃ S - H ₂ SO ₄ T - TSP Dodecylsulfate U - Acetone V - MCAA W - BH 4-5 Z - other (specify)	
Sample Identification WP10(32) WP10(49) WP10(66) WP10(83) WP10(100) WP10(117) WP10(134) WP13(117) WP13(99) WP13(82) MW/U		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260C, LL - TCL 42 GC/MS Volatiles List 8270D - TCL 42 GC/MS Semivolatiles 9014 - Cyanide, Total Total Number of Containers: <u>1</u> Special 180-87657 Chain of Custody	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Empty Kit Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by:		Method of Shipment: <u>FedEx</u> Date: <u>3/13/19</u> 16:00 Company: <u>GEI</u> Date/Time: <u>3-14-19</u> Company: <u>TAPO</u> Date/Time: <u>930</u> Company:	
Custody Seals Intact: <u>Yes</u> ☐ <u>No</u> ☐ Custody Seal No.		Cooler Temperature(s): °C and Other Remarks	

TestAmerica Pittsburgh

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

Chain of Custody Record

TestAmerica

Client Information Company: GEI Consultants, Inc. Address: 1301 Trumansburg Road Suite N City: Ithaca State, Zip: NY, 14850 Phone: 607-216-8958 Email: jedwards@geiconsultants.com Project Name: 1805073, Suffern Site:		Lab Pk: Dunlap, David A E-Mail: david.dunlap@testamericainc.com		CCR No: 180-41136-8933, 1 Page 2 of 2 Job #	
Due Date Requested: TAT Requested (days): 15 work day PO #: Purchase Order not required W/O #:		Analysis Requested			
Sample Identification MW4 TAPOLAHK 03132019		Sample Date 3/13/19 3/13/19		Sample Type (C=Comp, G=grab) G G	
Matrix (W=water, S=solid, O=material, B=biological, T=tissue, A=air) Preservation Code:		Field Filtered Sample (Yes or No) A N B 9260C, LL - TCL 4.2 GC/MS Volatiles List 9270D - TCL 4.2 GC/MS Semivolatiles 9014 - Cyanide, Total		Total Number of Containers	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months		Special Instructions/Note:	
Empty Kit Relinquished by:		Date:		Method of Shipment:	
Relinquished by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:	
Custody Seals Intact: A Yes A No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

TestAmerica Pittsburgh

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

Chain of Custody Record

TestAmerica

Client Information Company: GEI Consultants, Inc. Address: 1301 Trumansburg Road Suite N City: Ithaca State: NY Zip: 14850 Phone: 607-216-8958 Email: jedwards@geiconsultants.com Project Name: 1805073, Suffern Site:		Samples: <i>E. coli / J. Shiga</i> Lab #12: Duniap, David A E-Mail: david.duniap@testamerica.com		COC No: 180-41136-8033.1 Page 1 of 2 Job #	
Due Date Requested: 1AT Requested (days): 15 work day PO #: Purchase Order not required W/O #:		Analysis Requested Perform MS/MSD (Yes or No) ☒ 9280C, LC - TCL 4.2 GC/MS Volatiles List ☒ 8270D - TCL 4.2 GC/MS SemiVolatiles ☒ 9014 - Cyanide, Total ☒			
Sample Identification Sample ID: WP11 (12) Sample ID: WP11 (27) Sample ID: WP11 (43) Sample ID: WP11 (58) Sample ID: WP11 (73) Sample ID: WP11 (88) Sample ID: WP11 (104) Sample ID: WP13 (12) Sample ID: WP13 (29) Sample ID: WP13 (47) Sample ID: WP13 (64)		Sample Date: 3/15/19 Sample Date: 3/15/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19 Sample Date: 3/14/19		Sample Time: 7:50 Sample Time: 8:35 Sample Time: 14:10 Sample Time: 13:25 Sample Time: 12:40 Sample Time: 12:40 Sample Time: 11:15 Sample Time: 16:10 Sample Time: 9:25 Sample Time: 8:40 Sample Time: 7:55	
Matrix: (W=Water, S=solid, D=dust, A=air) Preservation Code:		Total Number of Containers: ☒ Spc:			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:			
Empty Kit Relinquished by: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Relinquished by:		Date: 3/15/19 14:00 Date: 3/15/19 14:00 Date: 3/15/19 14:00 Date:			
Custody Seal No.: A Yes ☐ No ☐		Cooler Temperature(s) °C and Other Remarks:			

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Pittsburgh, PA 15238
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Chain of Custody Record

TestAmerica

Client Information Client Contact: James Edwards Company: GEI Consultants, Inc. Address: 1301 Trumansburg Road Suite N City: Ithaca State, Zip: NY, 14850 Phone: 607-216-8958 Email: jedwards@geiconsultants.com Project Name: 1805073, Sulfem Site:		Sample: <u>E. Strabius / D. Skurpe</u> Lab PM: Dunlap, David A E-Mail: david.dunlap@testamerica.com Carrier Tracking No(s): COC No: 180-41136-8963.1 Page <u>2</u> of <u>2</u> Job #:	
Analysis Requested Due Date Requested: TAT Requested (days): <u>15 work day</u> PO #: <u>Purchase Order not required</u> WO #: <u>SSOWR</u> Project #: <u>18007817</u> Site:		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NH ₄ SO ₄ F - MeOH G - Anion H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - SDA Other: M - Hexane N - None O - Me ₂ SO P - NaOH Q - Na ₂ SO ₄ R - Na ₂ SO ₃ S - H ₂ SO ₄ T - TSP (Dedicated) U - Acetone V - Me ₂ SO W - pH 4.6 Z - other (specify)	
Sample Identification Sample ID: <u>WPS (19)</u> Sample ID: <u>WPS (32)</u> Sample ID: <u>WPS (45)</u> Sample ID: <u>WPS (58)</u> Sample ID: <u>WPS (71)</u> Sample ID: <u>WPS (84)</u> Sample ID: <u>WPS (97)</u> Sample ID: <u>TRASH (03152019)</u>		Total Number of Containers: <u>1</u> Special Instructions/Note:	
Sample Date: <u>3/15/19</u> Sample Time: <u>9:20</u> Sample Type: <u>G</u> Matrix: <u>U</u> Field Filtered Sample (Yes or No): <u>X</u> Perform MS/MSD (Yes or No): <u>X</u> 8260C, LL - TCL 4.2 GC/MS Volatiles List 8270D - TCL 4.2 GC/MS Semivolatiles 9014 - Cyanide, Total		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Deliverable Requested: I, II, III, IV, Other (specify)	
Empty Kit Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by:		Date: <u>3/15/19</u> 14:00 Date/Time: <u>3/15/19</u> 14:00 Date/Time: <u>3/15/19</u> 14:00 Date/Time:	
Custody Seals Intact: <u>Yes</u> ☐ <u>No</u> ☐ Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Chain of Custody Record

Client Information Client Contact: James Edwards Company: GEI Consultants, Inc. Address: 1301 Trumansburg Road Suite N City: Ithaca State: NY Zip: 14850 Phone: 607-216-8958 Email: ledwards@geiconsultants.com Project Name: 18007817 Site: S50W#		Sample: <i>D. Slope E. S. 1000</i> Phone: _____ E-Mail: david.dunlap@testamerica.com		Lab PM: Dunlap, David A. Carrier (acking No.): _____ COC No: 180-41136-8933.1 Page 1 of 2 Job #: _____							
Analysis Requested Due Date Requested: _____ TAT Requested (days): 15 work day PO #: _____ Purchase Order not required WO #: _____ Project #: 18007817 S50W#											
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (H=water, S=solid, D=dredge)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C, LL - TCL 42 GC/MS Volatiles List	8270D - TCL 42 GC/MS Semivolatiles	9014 - Cyanide, Total	Total Number of Containers	Special Instructions/Note:
WP12 (12)	3/12/19	1000	G	GW		X	X	X			Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ascorbic Acid H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA Other: _____ M - Hexane N - None O - NaNO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecylhydroxy U - Acetone V - MCA W - pH 4.3 Z - other (specify) _____
WP12 (34)	3/12/19	0915	G	GW		X	X	X			
WP12 (54)	3/12/19	0835	G	GW		X	X	X			
WP12 (74)	3/11/19	1445	G	GW		X	X	X			
WP12 (94)	3/11/19	1400	G	GW		X	X	X			
WP12 (114)	3/11/19	1325	G	GW		X	X	X			
WP12 (134)	3/11/19	1250	G	GW		X	X	X			
WP9 (12)	3/12/19	1050	G	GW		X	X	X			
WP9 (245)	3/12/19	1135	G	GW		X	X	X			
WP9 (471)	3/12/19	1220	G	GW		X	X	X			
WP9 (645)	3/12/19	1320	G	GW		X	X	X			
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					
Special Instructions/QC Requirements:											
Relinquished by: <i>[Signature]</i> Date/Time: 3/12/19 16:00 Company: GEI		Relinquished by: <i>[Signature]</i> Date/Time: 3/12/19 16:00 Company: GEI		Relinquished by: <i>[Signature]</i> Date/Time: 3/12/19 16:00 Company: GEI		Relinquished by: <i>[Signature]</i> Date/Time: 3/12/19 16:00 Company: GEI		Relinquished by: <i>[Signature]</i> Date/Time: 3/12/19 16:00 Company: GEI		Relinquished by: <i>[Signature]</i> Date/Time: 3/12/19 16:00 Company: GEI	
Custody Seals Intact: Yes ☐ No ☐		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:							

TestAmerica Pittsburgh

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Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

TestAmerica

Client Information Client Contact: James Edwards Company: GEI Consultants, Inc. Address: 1301 Trumansburg Road Suite N City: Ithaca State, Zip: NY, 14850 Phone: 607-216-8958 Email: jedwards@geiconsultants.com Project Name: 1805073, Suffern Site:		Lab PIA: Dunlap, David A Ext: david.dunlap@testamericainc.com Carrier Tracking No(s): COC No: 180-41136-8933.1 Page: 2 of 2 Job #:	
Due Date Requested: TAT Requested (days): 15 work day PO #: Purchase Order not required WO #:		Analysis Requested	
Sample Identification WP9 (82) WP9 (99.5) WP9 (117) MW16 MW33 rec 2-station trip blunders 1st per. carbon 203/13/19 - and proceed to phosphate department following 203/13/19		Sample Date: 3/12/19 Sample Time: 1405 Sample Type: G Preservation Code: G Matrix: (W=water, S=solid, O=organic, BT=This is an A-DU) Field Filled Sample (Yes or No): Perform MS/MSD (Yes or No): 8260C LL - TCL 4.2 GC/MS Volatiles List 8270D - TCL 4.2 GC/MS Semivolatiles 9014 - Cyanide, Total Total Number of containers:	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/Note: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Date: 3/12/19 16:00 Date: 3/12/19 16:00 Date: 3/12/19 16:00	
Custody Seal Intact: A Yes A No		Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:	

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

General Chemistry

Client Sample ID: MW4

Date Collected: 03/13/19 09:49

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	190		10	4.4	ug/L		03/26/19 13:32	03/26/19 17:51	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: MW10					Lab Sample ID: 180-87657-11				
Date Collected: 03/13/19 08:48					Matrix: Water				
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 18:01	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 18:01	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 18:01	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 18:01	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 18:01	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 18:01	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 18:01	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 18:01	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 18:01	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 18:01	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 18:01	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 18:01	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 18:01	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 18:01	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 18:01	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 18:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 18:01	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 18:01	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 18:01	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 18:01	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 18:01	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 18:01	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 18:01	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 18:01	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 18:01	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 18:01	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 18:01	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 18:01	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 18:01	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 18:01	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 18:01	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 18:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 18:01	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 18:01	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 18:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 18:01	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 18:01	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 18:01	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 18:01	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 18:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 18:01	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 18:01	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 18:01	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 18:01	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 18:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 18:01	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 18:01	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 18:01	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		58 - 124		03/19/19 18:01	1
Dibromofluoromethane (Surr)	103		64 - 125		03/19/19 18:01	1
1,2-Dichloroethane-d4 (Surr)	83		65 - 127		03/19/19 18:01	1
Toluene-d8 (Surr)	106		69 - 115		03/19/19 18:01	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: MW10

Date Collected: 03/13/19 08:48

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/19/19 12:59	03/21/19 23:44	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/19/19 12:59	03/21/19 23:44	1
Acetophenone	ND		10	0.62	ug/L		03/19/19 12:59	03/21/19 23:44	1
Anthracene	ND		1.9	0.49	ug/L		03/19/19 12:59	03/21/19 23:44	1
Atrazine	ND		10	1.8	ug/L		03/19/19 12:59	03/21/19 23:44	1
Benzaldehyde	ND		10	1.1	ug/L		03/19/19 12:59	03/21/19 23:44	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/19/19 12:59	03/21/19 23:44	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/19/19 12:59	03/21/19 23:44	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/19/19 12:59	03/21/19 23:44	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/21/19 23:44	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/19/19 12:59	03/21/19 23:44	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/19/19 12:59	03/21/19 23:44	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/19/19 12:59	03/21/19 23:44	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/19/19 12:59	03/21/19 23:44	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/19/19 12:59	03/21/19 23:44	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/19/19 12:59	03/21/19 23:44	1
Caprolactam	ND		50	4.7	ug/L		03/19/19 12:59	03/21/19 23:44	1
Carbazole	ND		1.9	0.51	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Chloroaniline	ND		10	0.44	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/19/19 12:59	03/21/19 23:44	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/19/19 12:59	03/21/19 23:44	1
2-Chlorophenol	ND		10	0.64	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/19/19 12:59	03/21/19 23:44	1
Chrysene	ND		1.9	0.81	ug/L		03/19/19 12:59	03/21/19 23:44	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/19/19 12:59	03/21/19 23:44	1
Dibenzofuran	ND		10	0.73	ug/L		03/19/19 12:59	03/21/19 23:44	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/19/19 12:59	03/21/19 23:44	1
Diethyl phthalate	ND		10	5.7	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/19/19 12:59	03/21/19 23:44	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/19/19 12:59	03/21/19 23:44	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/19/19 12:59	03/21/19 23:44	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/19/19 12:59	03/21/19 23:44	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/19/19 12:59	03/21/19 23:44	1
Fluoranthene	ND		1.9	0.60	ug/L		03/19/19 12:59	03/21/19 23:44	1
Fluorene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/21/19 23:44	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/19/19 12:59	03/21/19 23:44	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/21/19 23:44	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/19/19 12:59	03/21/19 23:44	1
Hexachloroethane	ND		10	0.62	ug/L		03/19/19 12:59	03/21/19 23:44	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/19/19 12:59	03/21/19 23:44	1
Isophorone	ND		10	0.54	ug/L		03/19/19 12:59	03/21/19 23:44	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/19/19 12:59	03/21/19 23:44	1
2-Methylphenol	ND		10	1.1	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Methylphenol	ND		10	4.2	ug/L		03/19/19 12:59	03/21/19 23:44	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: MW10

Date Collected: 03/13/19 08:48

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/19/19 12:59	03/21/19 23:44	1
2-Nitroaniline	ND		50	2.1	ug/L		03/19/19 12:59	03/21/19 23:44	1
3-Nitroaniline	ND		50	0.67	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Nitroaniline	ND		50	0.58	ug/L		03/19/19 12:59	03/21/19 23:44	1
Nitrobenzene	ND		20	1.7	ug/L		03/19/19 12:59	03/21/19 23:44	1
2-Nitrophenol	ND		10	0.61	ug/L		03/19/19 12:59	03/21/19 23:44	1
4-Nitrophenol	ND		50	1.4	ug/L		03/19/19 12:59	03/21/19 23:44	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/19/19 12:59	03/21/19 23:44	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/19/19 12:59	03/21/19 23:44	1
Pentachlorophenol	ND		50	2.4	ug/L		03/19/19 12:59	03/21/19 23:44	1
Phenanthrene	ND		1.9	0.55	ug/L		03/19/19 12:59	03/21/19 23:44	1
Phenol	ND		10	0.98	ug/L		03/19/19 12:59	03/21/19 23:44	1
Pyrene	ND		1.9	0.54	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/19/19 12:59	03/21/19 23:44	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/19/19 12:59	03/21/19 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		37 - 105	03/19/19 12:59	03/21/19 23:44	1
2-Fluorophenol	63		22 - 105	03/19/19 12:59	03/21/19 23:44	1
Nitrobenzene-d5	66		38 - 105	03/19/19 12:59	03/21/19 23:44	1
Phenol-d5	62		26 - 105	03/19/19 12:59	03/21/19 23:44	1
Terphenyl-d14	58		21 - 119	03/19/19 12:59	03/21/19 23:44	1
2,4,6-Tribromophenol	61		29 - 105	03/19/19 12:59	03/21/19 23:44	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

General Chemistry

Client Sample ID: MW10

Date Collected: 03/13/19 08:48

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	180		10	4.4	ug/L		03/26/19 13:32	03/26/19 17:49	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Lab Sample ID: 180-87602-15

Matrix: Water

Client Sample ID: MW16

Date Collected: 03/12/19 10:32

Date Received: 03/13/19 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/20/19 13:42	1
Benzene	ND		1.0	0.60	ug/L			03/20/19 13:42	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/20/19 13:42	1
Bromoform	ND		1.0	0.98	ug/L			03/20/19 13:42	1
Bromomethane	ND		1.0	0.89	ug/L			03/20/19 13:42	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/20/19 13:42	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/20/19 13:42	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/20/19 13:42	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/20/19 13:42	1
Chloroethane	ND		1.0	0.90	ug/L			03/20/19 13:42	1
Chloroform	ND		1.0	0.60	ug/L			03/20/19 13:42	1
Chloromethane	ND		1.0	0.90	ug/L			03/20/19 13:42	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/20/19 13:42	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/20/19 13:42	1
Cyclohexane	ND		1.0	0.63	ug/L			03/20/19 13:42	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/20/19 13:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/20/19 13:42	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/20/19 13:42	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/20/19 13:42	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/20/19 13:42	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/20/19 13:42	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/20/19 13:42	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/20/19 13:42	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/20/19 13:42	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/20/19 13:42	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/20/19 13:42	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/20/19 13:42	1
2-Hexanone	ND		5.0	3.3	ug/L			03/20/19 13:42	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/20/19 13:42	1
Methyl acetate	ND		5.0	1.7	ug/L			03/20/19 13:42	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/20/19 13:42	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/20/19 13:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/20/19 13:42	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/20/19 13:42	1
Styrene	ND		1.0	0.47	ug/L			03/20/19 13:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/19 13:42	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/20/19 13:42	1
Toluene	ND		1.0	0.46	ug/L			03/20/19 13:42	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/20/19 13:42	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/20/19 13:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/20/19 13:42	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/20/19 13:42	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/20/19 13:42	1
Trichloroethene	ND		1.0	0.69	ug/L			03/20/19 13:42	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/20/19 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/20/19 13:42	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/20/19 13:42	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/20/19 13:42	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		58 - 124		03/20/19 13:42	1
Dibromofluoromethane (Surr)	116		64 - 125		03/20/19 13:42	1
1,2-Dichloroethane-d4 (Surr)	118		65 - 127		03/20/19 13:42	1
Toluene-d8 (Surr)	99		69 - 115		03/20/19 13:42	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: MW16						Lab Sample ID: 180-87602-15			
Date Collected: 03/12/19 10:32						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 20:13	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 20:13	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 20:13	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 20:13	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 20:13	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 20:13	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 20:13	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 20:13	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 20:13	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 20:13	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 20:13	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 20:13	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 20:13	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 20:13	1
Bis(2-ethylhexyl) phthalate	ND		9.6	44	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 20:13	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 20:13	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 20:13	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:13	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 20:13	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:13	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 20:13	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 20:13	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 20:13	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 20:13	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 20:13	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 20:13	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 20:13	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,4-Dinitrophenol	ND		9.6	15	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 20:13	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 20:13	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 20:13	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 20:13	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 20:13	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 20:13	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 20:13	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 20:13	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 20:13	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 20:13	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 20:13	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 20:13	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: MW16

Date Collected: 03/12/19 10:32

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 20:13	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 20:13	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 20:13	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 20:13	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:13	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 20:13	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 20:13	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 20:13	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 20:13	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 20:13	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 20:13	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:13	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		37 - 105				03/18/19 14:30	03/21/19 20:13	1
2-Fluorophenol	61		22 - 105				03/18/19 14:30	03/21/19 20:13	1
Nitrobenzene-d5	62		38 - 105				03/18/19 14:30	03/21/19 20:13	1
Phenol-d5	62		26 - 105				03/18/19 14:30	03/21/19 20:13	1
Terphenyl-d14	70		21 - 119				03/18/19 14:30	03/21/19 20:13	1
2,4,6-Tribromophenol	64		29 - 105				03/18/19 14:30	03/21/19 20:13	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

General Chemistry

Client Sample ID: MW16

Date Collected: 03/12/19 10:32

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	5.0	J	10	4.4	ug/L		03/20/19 12:05	03/21/19 10:08	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: MW33

Date Collected: 03/12/19 13:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-16

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.6	J	5.0	3.4	ug/L			03/20/19 14:06	1
Benzene	ND		1.0	0.60	ug/L			03/20/19 14:06	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/20/19 14:06	1
Bromoform	ND		1.0	0.98	ug/L			03/20/19 14:06	1
Bromomethane	ND		1.0	0.89	ug/L			03/20/19 14:06	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/20/19 14:06	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/20/19 14:06	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/20/19 14:06	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/20/19 14:06	1
Chloroethane	ND		1.0	0.90	ug/L			03/20/19 14:06	1
Chloroform	ND		1.0	0.60	ug/L			03/20/19 14:06	1
Chloromethane	ND		1.0	0.90	ug/L			03/20/19 14:06	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/20/19 14:06	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/20/19 14:06	1
Cyclohexane	ND		1.0	0.63	ug/L			03/20/19 14:06	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/20/19 14:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/20/19 14:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/20/19 14:06	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/20/19 14:06	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/20/19 14:06	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/20/19 14:06	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/20/19 14:06	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/20/19 14:06	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/20/19 14:06	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/20/19 14:06	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/20/19 14:06	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/20/19 14:06	1
2-Hexanone	ND		5.0	3.3	ug/L			03/20/19 14:06	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/20/19 14:06	1
Methyl acetate	ND		5.0	1.7	ug/L			03/20/19 14:06	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/20/19 14:06	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/20/19 14:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/20/19 14:06	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/20/19 14:06	1
Styrene	ND		1.0	0.47	ug/L			03/20/19 14:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/19 14:06	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/20/19 14:06	1
Toluene	ND		1.0	0.46	ug/L			03/20/19 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/20/19 14:06	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/20/19 14:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/20/19 14:06	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/20/19 14:06	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/20/19 14:06	1
Trichloroethene	ND		1.0	0.69	ug/L			03/20/19 14:06	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/20/19 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/20/19 14:06	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/20/19 14:06	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/20/19 14:06	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	80		58 - 124		03/20/19 14:06	1
Dibromofluoromethane (Surr)	121		64 - 125		03/20/19 14:06	1
1,2-Dichloroethane-d4 (Surr)	119		65 - 127		03/20/19 14:06	1
Toluene-d8 (Surr)	102		69 - 115		03/20/19 14:06	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: MW33						Lab Sample ID: 180-87602-16			
Date Collected: 03/12/19 13:35						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 22:22	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 22:22	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 22:22	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 22:22	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 22:22	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 22:22	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 22:22	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 22:22	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 22:22	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:22	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 22:22	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 22:22	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 22:22	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 22:22	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 22:22	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 22:22	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 22:22	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:22	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 22:22	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:22	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 22:22	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 22:22	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 22:22	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 22:22	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 22:22	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 22:22	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 22:22	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 22:22	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 22:22	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 22:22	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:22	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 22:22	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:22	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 22:22	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 22:22	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 22:22	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 22:22	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 22:22	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 22:22	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: MW33						Lab Sample ID: 180-87602-16			
Date Collected: 03/12/19 13:35						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 22:22	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 22:22	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 22:22	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 22:22	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:22	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 22:22	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 22:22	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 22:22	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 22:22	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 22:22	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 22:22	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:22	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		37 - 105				03/18/19 14:30	03/21/19 22:22	1
2-Fluorophenol	51		22 - 105				03/18/19 14:30	03/21/19 22:22	1
Nitrobenzene-d5	54		38 - 105				03/18/19 14:30	03/21/19 22:22	1
Phenol-d5	55		26 - 105				03/18/19 14:30	03/21/19 22:22	1
Terphenyl-d14	29		21 - 119				03/18/19 14:30	03/21/19 22:22	1
2,4,6-Tribromophenol	63		29 - 105				03/18/19 14:30	03/21/19 22:22	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

General Chemistry

Client Sample ID: MW33

Date Collected: 03/12/19 13:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-16

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		10	4.4	ug/L		03/20/19 12:05	03/21/19 10:09	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(19)					Lab Sample ID: 180-87774-12				
Date Collected: 03/15/19 09:20					Matrix: Water				
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 15:38	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 15:38	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 15:38	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 15:38	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 15:38	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 15:38	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 15:38	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 15:38	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 15:38	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 15:38	1
Chloroform	2.7		1.0	0.60	ug/L			03/26/19 15:38	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 15:38	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 15:38	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 15:38	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 15:38	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 15:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 15:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 15:38	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/26/19 15:38	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/26/19 15:38	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/26/19 15:38	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 15:38	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 15:38	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 15:38	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 15:38	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 15:38	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 15:38	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 15:38	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 15:38	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 15:38	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 15:38	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 15:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 15:38	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 15:38	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 15:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 15:38	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 15:38	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 15:38	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 15:38	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 15:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 15:38	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 15:38	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 15:38	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 15:38	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 15:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 15:38	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 15:38	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 15:38	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		58 - 124		03/26/19 15:38	1
Dibromofluoromethane (Surr)	101		64 - 125		03/26/19 15:38	1
1,2-Dichloroethane-d4 (Surr)	89		65 - 127		03/26/19 15:38	1
Toluene-d8 (Surr)	106		69 - 115		03/26/19 15:38	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(19)

Date Collected: 03/15/19 09:20

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 19:53	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 19:53	1
Acetophenone	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 19:53	1
Anthracene	ND		1.8	0.47	ug/L		03/21/19 10:24	03/25/19 19:53	1
Atrazine	ND		9.6	6.1	ug/L		03/21/19 10:24	03/25/19 19:53	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 19:53	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/21/19 10:24	03/25/19 19:53	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/21/19 10:24	03/25/19 19:53	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/21/19 10:24	03/25/19 19:53	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 19:53	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/21/19 10:24	03/25/19 19:53	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/21/19 10:24	03/25/19 19:53	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/21/19 10:24	03/25/19 19:53	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/21/19 10:24	03/25/19 19:53	1
Bis(2-ethylhexyl) phthalate	ND		96	60	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/21/19 10:24	03/25/19 19:53	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/21/19 10:24	03/25/19 19:53	1
Caprolactam	ND		48	4.5	ug/L		03/21/19 10:24	03/25/19 19:53	1
Carbazole	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 19:53	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 19:53	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 19:53	1
Chrysene	ND		1.8	0.78	ug/L		03/21/19 10:24	03/25/19 19:53	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/21/19 10:24	03/25/19 19:53	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/21/19 10:24	03/25/19 19:53	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 19:53	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/21/19 10:24	03/25/19 19:53	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/21/19 10:24	03/25/19 19:53	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/21/19 10:24	03/25/19 19:53	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/21/19 10:24	03/25/19 19:53	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/21/19 10:24	03/25/19 19:53	1
Fluoranthene	ND		1.8	0.58	ug/L		03/21/19 10:24	03/25/19 19:53	1
Fluorene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 19:53	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/21/19 10:24	03/25/19 19:53	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 19:53	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/21/19 10:24	03/25/19 19:53	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 19:53	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/21/19 10:24	03/25/19 19:53	1
Isophorone	ND		9.6	0.52	ug/L		03/21/19 10:24	03/25/19 19:53	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/21/19 10:24	03/25/19 19:53	1
2-Methylphenol	ND		9.6	2.9	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Methylphenol	ND		9.6	3.6	ug/L		03/21/19 10:24	03/25/19 19:53	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(19)

Date Collected: 03/15/19 09:20

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 19:53	1
2-Nitroaniline	ND		48	5.3	ug/L		03/21/19 10:24	03/25/19 19:53	1
3-Nitroaniline	ND		48	0.64	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Nitroaniline	ND		48	0.56	ug/L		03/21/19 10:24	03/25/19 19:53	1
Nitrobenzene	ND		19	4.8	ug/L		03/21/19 10:24	03/25/19 19:53	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 19:53	1
4-Nitrophenol	ND		48	1.4	ug/L		03/21/19 10:24	03/25/19 19:53	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/21/19 10:24	03/25/19 19:53	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/21/19 10:24	03/25/19 19:53	1
Pentachlorophenol	ND		48	8.1	ug/L		03/21/19 10:24	03/25/19 19:53	1
Phenanthrene	ND		1.8	0.53	ug/L		03/21/19 10:24	03/25/19 19:53	1
Phenol	ND		9.6	4.7	ug/L		03/21/19 10:24	03/25/19 19:53	1
Pyrene	ND		1.8	0.52	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 19:53	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/21/19 10:24	03/25/19 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		37 - 105	03/21/19 10:24	03/25/19 19:53	1
2-Fluorophenol	52		22 - 105	03/21/19 10:24	03/25/19 19:53	1
Nitrobenzene-d5	59		38 - 105	03/21/19 10:24	03/25/19 19:53	1
Phenol-d5	56		26 - 105	03/21/19 10:24	03/25/19 19:53	1
Terphenyl-d14	43		21 - 119	03/21/19 10:24	03/25/19 19:53	1
2,4,6-Tribromophenol	65		29 - 105	03/21/19 10:24	03/25/19 19:53	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

General Chemistry

Client Sample ID: WP5(19)

Date Collected: 03/15/19 09:20

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	8.1	J	10	4.4	ug/L		03/27/19 11:53	03/27/19 16:27	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(32)						Lab Sample ID: 180-87774-13			
Date Collected: 03/15/19 10:05						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 16:03	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 16:03	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 16:03	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 16:03	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 16:03	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 16:03	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 16:03	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 16:03	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 16:03	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 16:03	1
Chloroform	ND		1.0	0.60	ug/L			03/26/19 16:03	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 16:03	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 16:03	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 16:03	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 16:03	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 16:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 16:03	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 16:03	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/26/19 16:03	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/26/19 16:03	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/26/19 16:03	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 16:03	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 16:03	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 16:03	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 16:03	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 16:03	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 16:03	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 16:03	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 16:03	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 16:03	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 16:03	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 16:03	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 16:03	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 16:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 16:03	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 16:03	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 16:03	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 16:03	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 16:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 16:03	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 16:03	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 16:03	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 16:03	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 16:03	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 16:03	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 16:03	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		58 - 124		03/26/19 16:03	1
Dibromofluoromethane (Surr)	102		64 - 125		03/26/19 16:03	1
1,2-Dichloroethane-d4 (Surr)	90		65 - 127		03/26/19 16:03	1
Toluene-d8 (Surr)	103		69 - 115		03/26/19 16:03	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(32)						Lab Sample ID: 180-87774-13			
Date Collected: 03/15/19 10:05						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 20:20	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 20:20	1
Acetophenone	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 20:20	1
Anthracene	ND		1.8	0.47	ug/L		03/21/19 10:24	03/25/19 20:20	1
Atrazine	ND		9.6	6.1	ug/L		03/21/19 10:24	03/25/19 20:20	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 20:20	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/21/19 10:24	03/25/19 20:20	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/21/19 10:24	03/25/19 20:20	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/21/19 10:24	03/25/19 20:20	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 20:20	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/21/19 10:24	03/25/19 20:20	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/21/19 10:24	03/25/19 20:20	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/21/19 10:24	03/25/19 20:20	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/21/19 10:24	03/25/19 20:20	1
Bis(2-ethylhexyl) phthalate	ND		96	60	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/21/19 10:24	03/25/19 20:20	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/21/19 10:24	03/25/19 20:20	1
Caprolactam	ND		48	4.5	ug/L		03/21/19 10:24	03/25/19 20:20	1
Carbazole	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 20:20	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 20:20	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 20:20	1
Chrysene	ND		1.8	0.78	ug/L		03/21/19 10:24	03/25/19 20:20	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/21/19 10:24	03/25/19 20:20	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/21/19 10:24	03/25/19 20:20	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 20:20	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/21/19 10:24	03/25/19 20:20	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/21/19 10:24	03/25/19 20:20	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/21/19 10:24	03/25/19 20:20	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/21/19 10:24	03/25/19 20:20	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/21/19 10:24	03/25/19 20:20	1
Fluoranthene	ND		1.8	0.58	ug/L		03/21/19 10:24	03/25/19 20:20	1
Fluorene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 20:20	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/21/19 10:24	03/25/19 20:20	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 20:20	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/21/19 10:24	03/25/19 20:20	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 20:20	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/21/19 10:24	03/25/19 20:20	1
Isophorone	ND		9.6	0.52	ug/L		03/21/19 10:24	03/25/19 20:20	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/21/19 10:24	03/25/19 20:20	1
2-Methylphenol	ND		9.6	2.9	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Methylphenol	ND		9.6	3.6	ug/L		03/21/19 10:24	03/25/19 20:20	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(32)

Date Collected: 03/15/19 10:05

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 20:20	1
2-Nitroaniline	ND		48	5.3	ug/L		03/21/19 10:24	03/25/19 20:20	1
3-Nitroaniline	ND		48	0.64	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Nitroaniline	ND		48	0.56	ug/L		03/21/19 10:24	03/25/19 20:20	1
Nitrobenzene	ND		19	4.8	ug/L		03/21/19 10:24	03/25/19 20:20	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 20:20	1
4-Nitrophenol	ND		48	1.4	ug/L		03/21/19 10:24	03/25/19 20:20	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/21/19 10:24	03/25/19 20:20	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/21/19 10:24	03/25/19 20:20	1
Pentachlorophenol	ND		48	8.1	ug/L		03/21/19 10:24	03/25/19 20:20	1
Phenanthrene	ND		1.8	0.53	ug/L		03/21/19 10:24	03/25/19 20:20	1
Phenol	ND		9.6	4.7	ug/L		03/21/19 10:24	03/25/19 20:20	1
Pyrene	ND		1.8	0.52	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 20:20	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/21/19 10:24	03/25/19 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		37 - 105				03/21/19 10:24	03/25/19 20:20	1
2-Fluorophenol	55		22 - 105				03/21/19 10:24	03/25/19 20:20	1
Nitrobenzene-d5	64		38 - 105				03/21/19 10:24	03/25/19 20:20	1
Phenol-d5	59		26 - 105				03/21/19 10:24	03/25/19 20:20	1
Terphenyl-d14	35		21 - 119				03/21/19 10:24	03/25/19 20:20	1
2,4,6-Tribromophenol	73		29 - 105				03/21/19 10:24	03/25/19 20:20	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

General Chemistry

Client Sample ID: WP5(32)

Date Collected: 03/15/19 10:05

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	15		10	4.4	ug/L		03/27/19 11:53	03/27/19 16:35	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(45)						Lab Sample ID: 180-87774-14			
Date Collected: 03/15/19 10:50						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/22/19 21:22	1
Benzene	ND		1.0	0.60	ug/L			03/22/19 21:22	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/22/19 21:22	1
Bromoform	ND		1.0	0.98	ug/L			03/22/19 21:22	1
Bromomethane	ND		1.0	0.89	ug/L			03/22/19 21:22	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/22/19 21:22	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/22/19 21:22	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/22/19 21:22	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/22/19 21:22	1
Chloroethane	ND		1.0	0.90	ug/L			03/22/19 21:22	1
Chloroform	ND		1.0	0.60	ug/L			03/22/19 21:22	1
Chloromethane	ND		1.0	0.90	ug/L			03/22/19 21:22	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/22/19 21:22	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/22/19 21:22	1
Cyclohexane	ND		1.0	0.63	ug/L			03/22/19 21:22	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/22/19 21:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/22/19 21:22	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/22/19 21:22	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/22/19 21:22	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/22/19 21:22	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/22/19 21:22	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/22/19 21:22	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/22/19 21:22	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/22/19 21:22	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/22/19 21:22	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/22/19 21:22	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/22/19 21:22	1
2-Hexanone	ND		5.0	3.3	ug/L			03/22/19 21:22	1
Isopropylbenzene	0.52	J	1.0	0.34	ug/L			03/22/19 21:22	1
Methyl acetate	ND		5.0	1.7	ug/L			03/22/19 21:22	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/22/19 21:22	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/22/19 21:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/22/19 21:22	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/22/19 21:22	1
Styrene	ND		1.0	0.47	ug/L			03/22/19 21:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/22/19 21:22	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/22/19 21:22	1
Toluene	ND		1.0	0.46	ug/L			03/22/19 21:22	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/22/19 21:22	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/22/19 21:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/22/19 21:22	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/22/19 21:22	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/22/19 21:22	1
Trichloroethene	ND		1.0	0.69	ug/L			03/22/19 21:22	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/22/19 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/22/19 21:22	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/22/19 21:22	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/22/19 21:22	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		58 - 124		03/22/19 21:22	1
Dibromofluoromethane (Surr)	124		64 - 125		03/22/19 21:22	1
1,2-Dichloroethane-d4 (Surr)	115		65 - 127		03/22/19 21:22	1
Toluene-d8 (Surr)	96		69 - 115		03/22/19 21:22	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(45)

Date Collected: 03/15/19 10:50

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-14

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.4		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 20:46	1
Acenaphthylene	3.8		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 20:46	1
Acetophenone	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 20:46	1
Anthracene	ND		2.0	0.51	ug/L		03/21/19 10:24	03/25/19 20:46	1
Atrazine	ND		10	6.6	ug/L		03/21/19 10:24	03/25/19 20:46	1
Benzaldehyde	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 20:46	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/21/19 10:24	03/25/19 20:46	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/21/19 10:24	03/25/19 20:46	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/21/19 10:24	03/25/19 20:46	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 20:46	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/21/19 10:24	03/25/19 20:46	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 20:46	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/21/19 10:24	03/25/19 20:46	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/21/19 10:24	03/25/19 20:46	1
Bis(2-ethylhexyl) phthalate	ND		100	65	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/21/19 10:24	03/25/19 20:46	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/21/19 10:24	03/25/19 20:46	1
Caprolactam	ND		52	4.9	ug/L		03/21/19 10:24	03/25/19 20:46	1
Carbazole	1.1	J	2.0	0.53	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Chloroaniline	ND		10	0.46	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 20:46	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 20:46	1
2-Chlorophenol	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 20:46	1
Chrysene	ND		2.0	0.84	ug/L		03/21/19 10:24	03/25/19 20:46	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/21/19 10:24	03/25/19 20:46	1
Dibenzofuran	ND		10	0.76	ug/L		03/21/19 10:24	03/25/19 20:46	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 20:46	1
Diethyl phthalate	ND		10	5.9	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/21/19 10:24	03/25/19 20:46	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/21/19 10:24	03/25/19 20:46	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/21/19 10:24	03/25/19 20:46	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 20:46	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/21/19 10:24	03/25/19 20:46	1
Fluoranthene	ND		2.0	0.63	ug/L		03/21/19 10:24	03/25/19 20:46	1
Fluorene	0.76	J	2.0	0.72	ug/L		03/21/19 10:24	03/25/19 20:46	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/21/19 10:24	03/25/19 20:46	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 20:46	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/21/19 10:24	03/25/19 20:46	1
Hexachloroethane	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 20:46	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/21/19 10:24	03/25/19 20:46	1
Isophorone	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 20:46	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/21/19 10:24	03/25/19 20:46	1
2-Methylphenol	ND		10	3.1	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Methylphenol	ND		10	3.9	ug/L		03/21/19 10:24	03/25/19 20:46	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(45)							Lab Sample ID: 180-87774-14		
Date Collected: 03/15/19 10:50							Matrix: Water		
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 20:46	1
2-Nitroaniline	ND		52	5.7	ug/L		03/21/19 10:24	03/25/19 20:46	1
3-Nitroaniline	ND		52	0.70	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Nitroaniline	ND		52	0.60	ug/L		03/21/19 10:24	03/25/19 20:46	1
Nitrobenzene	ND		21	5.2	ug/L		03/21/19 10:24	03/25/19 20:46	1
2-Nitrophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 20:46	1
4-Nitrophenol	ND		52	1.5	ug/L		03/21/19 10:24	03/25/19 20:46	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/21/19 10:24	03/25/19 20:46	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/21/19 10:24	03/25/19 20:46	1
Pentachlorophenol	ND		52	8.8	ug/L		03/21/19 10:24	03/25/19 20:46	1
Phenanthrene	ND		2.0	0.57	ug/L		03/21/19 10:24	03/25/19 20:46	1
Phenol	ND		10	5.1	ug/L		03/21/19 10:24	03/25/19 20:46	1
Pyrene	2.2		2.0	0.56	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 20:46	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/21/19 10:24	03/25/19 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		37 - 105				03/21/19 10:24	03/25/19 20:46	1
2-Fluorophenol	61		22 - 105				03/21/19 10:24	03/25/19 20:46	1
Nitrobenzene-d5	68		38 - 105				03/21/19 10:24	03/25/19 20:46	1
Phenol-d5	63		26 - 105				03/21/19 10:24	03/25/19 20:46	1
Terphenyl-d14	38		21 - 119				03/21/19 10:24	03/25/19 20:46	1
2,4,6-Tribromophenol	77		29 - 105				03/21/19 10:24	03/25/19 20:46	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(58)

Date Collected: 03/15/19 09:45

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/22/19 21:47	1
Benzene	ND		1.0	0.60	ug/L			03/22/19 21:47	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/22/19 21:47	1
Bromoform	ND		1.0	0.98	ug/L			03/22/19 21:47	1
Bromomethane	ND		1.0	0.89	ug/L			03/22/19 21:47	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/22/19 21:47	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/22/19 21:47	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/22/19 21:47	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/22/19 21:47	1
Chloroethane	ND		1.0	0.90	ug/L			03/22/19 21:47	1
Chloroform	ND		1.0	0.60	ug/L			03/22/19 21:47	1
Chloromethane	ND		1.0	0.90	ug/L			03/22/19 21:47	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/22/19 21:47	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/22/19 21:47	1
Cyclohexane	ND		1.0	0.63	ug/L			03/22/19 21:47	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/22/19 21:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/22/19 21:47	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/22/19 21:47	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/22/19 21:47	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/22/19 21:47	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/22/19 21:47	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/22/19 21:47	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/22/19 21:47	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/22/19 21:47	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/22/19 21:47	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/22/19 21:47	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/22/19 21:47	1
2-Hexanone	ND		5.0	3.3	ug/L			03/22/19 21:47	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/22/19 21:47	1
Methyl acetate	ND		5.0	1.7	ug/L			03/22/19 21:47	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/22/19 21:47	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/22/19 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/22/19 21:47	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/22/19 21:47	1
Styrene	ND		1.0	0.47	ug/L			03/22/19 21:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/22/19 21:47	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/22/19 21:47	1
Toluene	ND		1.0	0.46	ug/L			03/22/19 21:47	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/22/19 21:47	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/22/19 21:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/22/19 21:47	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/22/19 21:47	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/22/19 21:47	1
Trichloroethene	ND		1.0	0.69	ug/L			03/22/19 21:47	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/22/19 21:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/22/19 21:47	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/22/19 21:47	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/22/19 21:47	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		58 - 124		03/22/19 21:47	1
Dibromofluoromethane (Surr)	123		64 - 125		03/22/19 21:47	1
1,2-Dichloroethane-d4 (Surr)	121		65 - 127		03/22/19 21:47	1
Toluene-d8 (Surr)	99		69 - 115		03/22/19 21:47	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(58)

Date Collected: 03/15/19 09:45

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.60	ug/L		03/21/19 10:25	03/25/19 21:12	1
Acenaphthylene	ND		1.8	0.60	ug/L		03/21/19 10:25	03/25/19 21:12	1
Acetophenone	ND		9.3	0.57	ug/L		03/21/19 10:25	03/25/19 21:12	1
Anthracene	ND		1.8	0.45	ug/L		03/21/19 10:25	03/25/19 21:12	1
Atrazine	ND		9.3	5.9	ug/L		03/21/19 10:25	03/25/19 21:12	1
Benzaldehyde	ND		9.3	1.0	ug/L		03/21/19 10:25	03/25/19 21:12	1
Benzo[a]anthracene	ND		1.8	0.69	ug/L		03/21/19 10:25	03/25/19 21:12	1
Benzo[a]pyrene	ND		1.8	0.49	ug/L		03/21/19 10:25	03/25/19 21:12	1
Benzo[b]fluoranthene	ND		1.8	0.90	ug/L		03/21/19 10:25	03/25/19 21:12	1
Benzo[g,h,i]perylene	ND		1.8	0.64	ug/L		03/21/19 10:25	03/25/19 21:12	1
Benzo[k]fluoranthene	ND		1.8	0.81	ug/L		03/21/19 10:25	03/25/19 21:12	1
1,1'-Biphenyl	ND		9.3	0.55	ug/L		03/21/19 10:25	03/25/19 21:12	1
Bis(2-chloroethoxy)methane	ND		9.3	0.62	ug/L		03/21/19 10:25	03/25/19 21:12	1
Bis(2-chloroethyl)ether	ND		1.8	0.37	ug/L		03/21/19 10:25	03/25/19 21:12	1
Bis(2-ethylhexyl) phthalate	ND		93	58	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Bromophenyl phenyl ether	ND		9.3	0.58	ug/L		03/21/19 10:25	03/25/19 21:12	1
Butyl benzyl phthalate	ND		9.3	4.3	ug/L		03/21/19 10:25	03/25/19 21:12	1
Caprolactam	ND		46	4.4	ug/L		03/21/19 10:25	03/25/19 21:12	1
Carbazole	ND		1.8	0.47	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Chloroaniline	ND		9.3	0.41	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Chloro-3-methylphenol	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 21:12	1
2-Chloronaphthalene	ND		1.8	0.55	ug/L		03/21/19 10:25	03/25/19 21:12	1
2-Chlorophenol	ND		9.3	0.59	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Chlorophenyl phenyl ether	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 21:12	1
Chrysene	ND		1.8	0.75	ug/L		03/21/19 10:25	03/25/19 21:12	1
Dibenz(a,h)anthracene	ND		1.8	0.67	ug/L		03/21/19 10:25	03/25/19 21:12	1
Dibenzofuran	ND		9.3	0.68	ug/L		03/21/19 10:25	03/25/19 21:12	1
3,3'-Dichlorobenzidine	ND		9.3	5.4	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,4-Dichlorophenol	ND		1.8	0.47	ug/L		03/21/19 10:25	03/25/19 21:12	1
Diethyl phthalate	ND		9.3	5.3	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,4-Dimethylphenol	ND		9.3	0.38	ug/L		03/21/19 10:25	03/25/19 21:12	1
Dimethyl phthalate	ND		9.3	0.52	ug/L		03/21/19 10:25	03/25/19 21:12	1
Di-n-butyl phthalate	ND		9.3	6.9	ug/L		03/21/19 10:25	03/25/19 21:12	1
4,6-Dinitro-2-methylphenol	ND		46	14	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,4-Dinitrophenol	ND		93	14	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,4-Dinitrotoluene	ND		9.3	0.47	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,6-Dinitrotoluene	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 21:12	1
Di-n-octyl phthalate	ND		9.3	6.3	ug/L		03/21/19 10:25	03/25/19 21:12	1
Fluoranthene	ND		1.8	0.56	ug/L		03/21/19 10:25	03/25/19 21:12	1
Fluorene	ND		1.8	0.64	ug/L		03/21/19 10:25	03/25/19 21:12	1
Hexachlorobenzene	ND		1.8	0.52	ug/L		03/21/19 10:25	03/25/19 21:12	1
Hexachlorobutadiene	ND		1.8	0.64	ug/L		03/21/19 10:25	03/25/19 21:12	1
Hexachlorocyclopentadiene	ND		9.3	4.6	ug/L		03/21/19 10:25	03/25/19 21:12	1
Hexachloroethane	ND		9.3	0.57	ug/L		03/21/19 10:25	03/25/19 21:12	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.79	ug/L		03/21/19 10:25	03/25/19 21:12	1
Isophorone	ND		9.3	0.50	ug/L		03/21/19 10:25	03/25/19 21:12	1
2-Methylnaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:25	03/25/19 21:12	1
2-Methylphenol	ND		9.3	2.8	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Methylphenol	ND		9.3	3.4	ug/L		03/21/19 10:25	03/25/19 21:12	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(58)

Lab Sample ID: 180-87774-15

Date Collected: 03/15/19 09:45

Matrix: Water

Date Received: 03/16/19 10:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.55	ug/L		03/21/19 10:25	03/25/19 21:12	1
2-Nitroaniline	ND		46	5.1	ug/L		03/21/19 10:25	03/25/19 21:12	1
3-Nitroaniline	ND		46	0.62	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Nitroaniline	ND		46	0.54	ug/L		03/21/19 10:25	03/25/19 21:12	1
Nitrobenzene	ND		19	4.6	ug/L		03/21/19 10:25	03/25/19 21:12	1
2-Nitrophenol	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 21:12	1
4-Nitrophenol	ND		46	1.3	ug/L		03/21/19 10:25	03/25/19 21:12	1
N-Nitrosodi-n-propylamine	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 21:12	1
N-Nitrosodiphenylamine	ND		9.3	1.1	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.54	ug/L		03/21/19 10:25	03/25/19 21:12	1
Pentachlorophenol	ND		46	7.8	ug/L		03/21/19 10:25	03/25/19 21:12	1
Phenanthrene	ND		1.8	0.51	ug/L		03/21/19 10:25	03/25/19 21:12	1
Phenol	ND		9.3	4.5	ug/L		03/21/19 10:25	03/25/19 21:12	1
Pyrene	ND		1.8	0.50	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,4,5-Trichlorophenol	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 21:12	1
2,4,6-Trichlorophenol	ND		9.3	0.63	ug/L		03/21/19 10:25	03/25/19 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		37 - 105	03/21/19 10:25	03/25/19 21:12	1
2-Fluorophenol	64		22 - 105	03/21/19 10:25	03/25/19 21:12	1
Nitrobenzene-d5	69		38 - 105	03/21/19 10:25	03/25/19 21:12	1
Phenol-d5	70		26 - 105	03/21/19 10:25	03/25/19 21:12	1
Terphenyl-d14	74		21 - 119	03/21/19 10:25	03/25/19 21:12	1
2,4,6-Tribromophenol	75		29 - 105	03/21/19 10:25	03/25/19 21:12	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(71)						Lab Sample ID: 180-87774-16			
Date Collected: 03/15/19 10:40						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/22/19 22:10	1
Benzene	ND		1.0	0.60	ug/L			03/22/19 22:10	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/22/19 22:10	1
Bromoform	ND		1.0	0.98	ug/L			03/22/19 22:10	1
Bromomethane	ND		1.0	0.89	ug/L			03/22/19 22:10	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/22/19 22:10	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/22/19 22:10	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/22/19 22:10	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/22/19 22:10	1
Chloroethane	ND		1.0	0.90	ug/L			03/22/19 22:10	1
Chloroform	ND		1.0	0.60	ug/L			03/22/19 22:10	1
Chloromethane	ND		1.0	0.90	ug/L			03/22/19 22:10	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/22/19 22:10	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/22/19 22:10	1
Cyclohexane	ND		1.0	0.63	ug/L			03/22/19 22:10	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/22/19 22:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/22/19 22:10	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/22/19 22:10	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/22/19 22:10	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/22/19 22:10	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/22/19 22:10	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/22/19 22:10	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/22/19 22:10	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/22/19 22:10	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/22/19 22:10	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/22/19 22:10	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/22/19 22:10	1
2-Hexanone	ND		5.0	3.3	ug/L			03/22/19 22:10	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/22/19 22:10	1
Methyl acetate	ND		5.0	1.7	ug/L			03/22/19 22:10	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/22/19 22:10	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/22/19 22:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/22/19 22:10	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/22/19 22:10	1
Styrene	ND		1.0	0.47	ug/L			03/22/19 22:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/22/19 22:10	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/22/19 22:10	1
Toluene	ND		1.0	0.46	ug/L			03/22/19 22:10	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/22/19 22:10	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/22/19 22:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/22/19 22:10	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/22/19 22:10	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/22/19 22:10	1
Trichloroethene	ND		1.0	0.69	ug/L			03/22/19 22:10	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/22/19 22:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/22/19 22:10	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/22/19 22:10	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/22/19 22:10	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		58 - 124		03/22/19 22:10	1
Dibromofluoromethane (Surr)	131	X	64 - 125		03/22/19 22:10	1
1,2-Dichloroethane-d4 (Surr)	128	X	65 - 127		03/22/19 22:10	1
Toluene-d8 (Surr)	94		69 - 115		03/22/19 22:10	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(71)

Date Collected: 03/15/19 10:40

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-16

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/21/19 10:25	03/25/19 21:39	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/21/19 10:25	03/25/19 21:39	1
Acetophenone	ND		9.6	0.60	ug/L		03/21/19 10:25	03/25/19 21:39	1
Anthracene	ND		1.8	0.47	ug/L		03/21/19 10:25	03/25/19 21:39	1
Atrazine	ND		9.6	6.1	ug/L		03/21/19 10:25	03/25/19 21:39	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/21/19 10:25	03/25/19 21:39	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/21/19 10:25	03/25/19 21:39	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/21/19 10:25	03/25/19 21:39	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/21/19 10:25	03/25/19 21:39	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 21:39	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/21/19 10:25	03/25/19 21:39	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/21/19 10:25	03/25/19 21:39	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/21/19 10:25	03/25/19 21:39	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/21/19 10:25	03/25/19 21:39	1
Bis(2-ethylhexyl) phthalate	ND		96	60	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/21/19 10:25	03/25/19 21:39	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/21/19 10:25	03/25/19 21:39	1
Caprolactam	ND		48	4.5	ug/L		03/21/19 10:25	03/25/19 21:39	1
Carbazole	ND		1.8	0.49	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 21:39	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:25	03/25/19 21:39	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 21:39	1
Chrysene	ND		1.8	0.78	ug/L		03/21/19 10:25	03/25/19 21:39	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/21/19 10:25	03/25/19 21:39	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/21/19 10:25	03/25/19 21:39	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/21/19 10:25	03/25/19 21:39	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/21/19 10:25	03/25/19 21:39	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/21/19 10:25	03/25/19 21:39	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/21/19 10:25	03/25/19 21:39	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/21/19 10:25	03/25/19 21:39	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/21/19 10:25	03/25/19 21:39	1
Fluoranthene	ND		1.8	0.58	ug/L		03/21/19 10:25	03/25/19 21:39	1
Fluorene	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 21:39	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/21/19 10:25	03/25/19 21:39	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 21:39	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/21/19 10:25	03/25/19 21:39	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/21/19 10:25	03/25/19 21:39	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/21/19 10:25	03/25/19 21:39	1
Isophorone	ND		9.6	0.52	ug/L		03/21/19 10:25	03/25/19 21:39	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/21/19 10:25	03/25/19 21:39	1
2-Methylphenol	ND		9.6	2.9	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Methylphenol	ND		9.6	3.6	ug/L		03/21/19 10:25	03/25/19 21:39	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(71)						Lab Sample ID: 180-87774-16			
Date Collected: 03/15/19 10:40						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/21/19 10:25	03/25/19 21:39	1
2-Nitroaniline	ND		48	5.3	ug/L		03/21/19 10:25	03/25/19 21:39	1
3-Nitroaniline	ND		48	0.64	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Nitroaniline	ND		48	0.56	ug/L		03/21/19 10:25	03/25/19 21:39	1
Nitrobenzene	ND		19	4.8	ug/L		03/21/19 10:25	03/25/19 21:39	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 21:39	1
4-Nitrophenol	ND		48	1.4	ug/L		03/21/19 10:25	03/25/19 21:39	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/21/19 10:25	03/25/19 21:39	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/21/19 10:25	03/25/19 21:39	1
Pentachlorophenol	ND		48	8.1	ug/L		03/21/19 10:25	03/25/19 21:39	1
Phenanthrene	ND		1.8	0.53	ug/L		03/21/19 10:25	03/25/19 21:39	1
Phenol	ND		9.6	4.7	ug/L		03/21/19 10:25	03/25/19 21:39	1
Pyrene	ND		1.8	0.52	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 21:39	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/21/19 10:25	03/25/19 21:39	1
Surrogate	%Recovery	Qualifier	Limits						
2-Fluorobiphenyl	72		37 - 105				03/21/19 10:25	03/25/19 21:39	1
2-Fluorophenol	61		22 - 105				03/21/19 10:25	03/25/19 21:39	1
Nitrobenzene-d5	70		38 - 105				03/21/19 10:25	03/25/19 21:39	1
Phenol-d5	66		26 - 105				03/21/19 10:25	03/25/19 21:39	1
Terphenyl-d14	80		21 - 119				03/21/19 10:25	03/25/19 21:39	1
2,4,6-Tribromophenol	82		29 - 105				03/21/19 10:25	03/25/19 21:39	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(84)

Date Collected: 03/15/19 11:30

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-17

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/22/19 22:35	1
Benzene	ND		1.0	0.60	ug/L			03/22/19 22:35	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/22/19 22:35	1
Bromoform	ND		1.0	0.98	ug/L			03/22/19 22:35	1
Bromomethane	ND		1.0	0.89	ug/L			03/22/19 22:35	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/22/19 22:35	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/22/19 22:35	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/22/19 22:35	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/22/19 22:35	1
Chloroethane	ND		1.0	0.90	ug/L			03/22/19 22:35	1
Chloroform	ND		1.0	0.60	ug/L			03/22/19 22:35	1
Chloromethane	ND		1.0	0.90	ug/L			03/22/19 22:35	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/22/19 22:35	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/22/19 22:35	1
Cyclohexane	ND		1.0	0.63	ug/L			03/22/19 22:35	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/22/19 22:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/22/19 22:35	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/22/19 22:35	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/22/19 22:35	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/22/19 22:35	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/22/19 22:35	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/22/19 22:35	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/22/19 22:35	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/22/19 22:35	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/22/19 22:35	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/22/19 22:35	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/22/19 22:35	1
2-Hexanone	ND		5.0	3.3	ug/L			03/22/19 22:35	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/22/19 22:35	1
Methyl acetate	ND		5.0	1.7	ug/L			03/22/19 22:35	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/22/19 22:35	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/22/19 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/22/19 22:35	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/22/19 22:35	1
Styrene	ND		1.0	0.47	ug/L			03/22/19 22:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/22/19 22:35	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/22/19 22:35	1
Toluene	ND		1.0	0.46	ug/L			03/22/19 22:35	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/22/19 22:35	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/22/19 22:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/22/19 22:35	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/22/19 22:35	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/22/19 22:35	1
Trichloroethene	ND		1.0	0.69	ug/L			03/22/19 22:35	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/22/19 22:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/22/19 22:35	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/22/19 22:35	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/22/19 22:35	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	82		58 - 124		03/22/19 22:35	1
Dibromofluoromethane (Surr)	126	X	64 - 125		03/22/19 22:35	1
1,2-Dichloroethane-d4 (Surr)	126		65 - 127		03/22/19 22:35	1
Toluene-d8 (Surr)	99		69 - 115		03/22/19 22:35	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(84)

Date Collected: 03/15/19 11:30

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-17

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/21/19 10:25	03/25/19 22:05	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/21/19 10:25	03/25/19 22:05	1
Acetophenone	ND		9.6	0.60	ug/L		03/21/19 10:25	03/25/19 22:05	1
Anthracene	ND		1.8	0.47	ug/L		03/21/19 10:25	03/25/19 22:05	1
Atrazine	ND		9.6	6.1	ug/L		03/21/19 10:25	03/25/19 22:05	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/21/19 10:25	03/25/19 22:05	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/21/19 10:25	03/25/19 22:05	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/21/19 10:25	03/25/19 22:05	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/21/19 10:25	03/25/19 22:05	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 22:05	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/21/19 10:25	03/25/19 22:05	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/21/19 10:25	03/25/19 22:05	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/21/19 10:25	03/25/19 22:05	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/21/19 10:25	03/25/19 22:05	1
Bis(2-ethylhexyl) phthalate	ND		96	60	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/21/19 10:25	03/25/19 22:05	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/21/19 10:25	03/25/19 22:05	1
Caprolactam	ND		48	4.5	ug/L		03/21/19 10:25	03/25/19 22:05	1
Carbazole	ND		1.8	0.49	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 22:05	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:25	03/25/19 22:05	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 22:05	1
Chrysene	ND		1.8	0.78	ug/L		03/21/19 10:25	03/25/19 22:05	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/21/19 10:25	03/25/19 22:05	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/21/19 10:25	03/25/19 22:05	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/21/19 10:25	03/25/19 22:05	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/21/19 10:25	03/25/19 22:05	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/21/19 10:25	03/25/19 22:05	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/21/19 10:25	03/25/19 22:05	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/21/19 10:25	03/25/19 22:05	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/21/19 10:25	03/25/19 22:05	1
Fluoranthene	ND		1.8	0.58	ug/L		03/21/19 10:25	03/25/19 22:05	1
Fluorene	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 22:05	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/21/19 10:25	03/25/19 22:05	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 22:05	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/21/19 10:25	03/25/19 22:05	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/21/19 10:25	03/25/19 22:05	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/21/19 10:25	03/25/19 22:05	1
Isophorone	ND		9.6	0.52	ug/L		03/21/19 10:25	03/25/19 22:05	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/21/19 10:25	03/25/19 22:05	1
2-Methylphenol	ND		9.6	2.9	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Methylphenol	ND		9.6	3.6	ug/L		03/21/19 10:25	03/25/19 22:05	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(84)

Date Collected: 03/15/19 11:30

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-17

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/21/19 10:25	03/25/19 22:05	1
2-Nitroaniline	ND		48	5.3	ug/L		03/21/19 10:25	03/25/19 22:05	1
3-Nitroaniline	ND		48	0.64	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Nitroaniline	ND		48	0.56	ug/L		03/21/19 10:25	03/25/19 22:05	1
Nitrobenzene	ND		19	4.8	ug/L		03/21/19 10:25	03/25/19 22:05	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 22:05	1
4-Nitrophenol	ND		48	1.4	ug/L		03/21/19 10:25	03/25/19 22:05	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/21/19 10:25	03/25/19 22:05	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/21/19 10:25	03/25/19 22:05	1
Pentachlorophenol	ND		48	8.1	ug/L		03/21/19 10:25	03/25/19 22:05	1
Phenanthrene	ND		1.8	0.53	ug/L		03/21/19 10:25	03/25/19 22:05	1
Phenol	ND		9.6	4.7	ug/L		03/21/19 10:25	03/25/19 22:05	1
Pyrene	ND		1.8	0.52	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/21/19 10:25	03/25/19 22:05	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/21/19 10:25	03/25/19 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		37 - 105	03/21/19 10:25	03/25/19 22:05	1
2-Fluorophenol	60		22 - 105	03/21/19 10:25	03/25/19 22:05	1
Nitrobenzene-d5	68		38 - 105	03/21/19 10:25	03/25/19 22:05	1
Phenol-d5	68		26 - 105	03/21/19 10:25	03/25/19 22:05	1
Terphenyl-d14	96		21 - 119	03/21/19 10:25	03/25/19 22:05	1
2,4,6-Tribromophenol	77		29 - 105	03/21/19 10:25	03/25/19 22:05	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(97)						Lab Sample ID: 180-87774-18			
Date Collected: 03/15/19 12:30						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/22/19 22:58	1
Benzene	ND		1.0	0.60	ug/L			03/22/19 22:58	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/22/19 22:58	1
Bromoform	ND		1.0	0.98	ug/L			03/22/19 22:58	1
Bromomethane	ND		1.0	0.89	ug/L			03/22/19 22:58	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/22/19 22:58	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/22/19 22:58	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/22/19 22:58	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/22/19 22:58	1
Chloroethane	ND		1.0	0.90	ug/L			03/22/19 22:58	1
Chloroform	ND		1.0	0.60	ug/L			03/22/19 22:58	1
Chloromethane	ND		1.0	0.90	ug/L			03/22/19 22:58	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/22/19 22:58	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/22/19 22:58	1
Cyclohexane	ND		1.0	0.63	ug/L			03/22/19 22:58	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/22/19 22:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/22/19 22:58	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/22/19 22:58	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/22/19 22:58	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/22/19 22:58	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/22/19 22:58	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/22/19 22:58	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/22/19 22:58	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/22/19 22:58	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/22/19 22:58	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/22/19 22:58	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/22/19 22:58	1
2-Hexanone	ND		5.0	3.3	ug/L			03/22/19 22:58	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/22/19 22:58	1
Methyl acetate	ND		5.0	1.7	ug/L			03/22/19 22:58	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/22/19 22:58	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/22/19 22:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/22/19 22:58	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/22/19 22:58	1
Styrene	ND		1.0	0.47	ug/L			03/22/19 22:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/22/19 22:58	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/22/19 22:58	1
Toluene	ND		1.0	0.46	ug/L			03/22/19 22:58	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/22/19 22:58	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/22/19 22:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/22/19 22:58	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/22/19 22:58	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/22/19 22:58	1
Trichloroethene	ND		1.0	0.69	ug/L			03/22/19 22:58	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/22/19 22:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/22/19 22:58	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/22/19 22:58	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/22/19 22:58	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		58 - 124		03/22/19 22:58	1
Dibromofluoromethane (Surr)	130	X	64 - 125		03/22/19 22:58	1
1,2-Dichloroethane-d4 (Surr)	128	X	65 - 127		03/22/19 22:58	1
Toluene-d8 (Surr)	100		69 - 115		03/22/19 22:58	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(97)

Date Collected: 03/15/19 12:30

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-18

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.60	ug/L		03/21/19 10:25	03/25/19 20:59	1
Acenaphthylene	ND		1.8	0.60	ug/L		03/21/19 10:25	03/25/19 20:59	1
Acetophenone	ND		9.3	0.57	ug/L		03/21/19 10:25	03/25/19 20:59	1
Anthracene	ND		1.8	0.45	ug/L		03/21/19 10:25	03/25/19 20:59	1
Atrazine	ND		9.3	5.9	ug/L		03/21/19 10:25	03/25/19 20:59	1
Benzaldehyde	ND		9.3	1.0	ug/L		03/21/19 10:25	03/25/19 20:59	1
Benzo[a]anthracene	ND		1.8	0.69	ug/L		03/21/19 10:25	03/25/19 20:59	1
Benzo[a]pyrene	ND		1.8	0.49	ug/L		03/21/19 10:25	03/25/19 20:59	1
Benzo[b]fluoranthene	ND		1.8	0.90	ug/L		03/21/19 10:25	03/25/19 20:59	1
Benzo[g,h,i]perylene	ND		1.8	0.64	ug/L		03/21/19 10:25	03/25/19 20:59	1
Benzo[k]fluoranthene	ND		1.8	0.81	ug/L		03/21/19 10:25	03/25/19 20:59	1
1,1'-Biphenyl	ND		9.3	0.55	ug/L		03/21/19 10:25	03/25/19 20:59	1
Bis(2-chloroethoxy)methane	ND		9.3	0.62	ug/L		03/21/19 10:25	03/25/19 20:59	1
Bis(2-chloroethyl)ether	ND		1.8	0.37	ug/L		03/21/19 10:25	03/25/19 20:59	1
Bis(2-ethylhexyl) phthalate	ND		93	58	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Bromophenyl phenyl ether	ND		9.3	0.58	ug/L		03/21/19 10:25	03/25/19 20:59	1
Butyl benzyl phthalate	ND		9.3	4.3	ug/L		03/21/19 10:25	03/25/19 20:59	1
Caprolactam	ND		46	4.4	ug/L		03/21/19 10:25	03/25/19 20:59	1
Carbazole	ND		1.8	0.47	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Chloroaniline	ND		9.3	0.41	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Chloro-3-methylphenol	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 20:59	1
2-Chloronaphthalene	ND		1.8	0.55	ug/L		03/21/19 10:25	03/25/19 20:59	1
2-Chlorophenol	ND		9.3	0.59	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Chlorophenyl phenyl ether	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 20:59	1
Chrysene	ND		1.8	0.75	ug/L		03/21/19 10:25	03/25/19 20:59	1
Dibenz(a,h)anthracene	ND		1.8	0.67	ug/L		03/21/19 10:25	03/25/19 20:59	1
Dibenzofuran	ND		9.3	0.68	ug/L		03/21/19 10:25	03/25/19 20:59	1
3,3'-Dichlorobenzidine	ND		9.3	5.4	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,4-Dichlorophenol	ND		1.8	0.47	ug/L		03/21/19 10:25	03/25/19 20:59	1
Diethyl phthalate	ND		9.3	5.3	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,4-Dimethylphenol	ND		9.3	0.38	ug/L		03/21/19 10:25	03/25/19 20:59	1
Dimethyl phthalate	ND		9.3	0.52	ug/L		03/21/19 10:25	03/25/19 20:59	1
Di-n-butyl phthalate	ND		9.3	6.9	ug/L		03/21/19 10:25	03/25/19 20:59	1
4,6-Dinitro-2-methylphenol	ND		46	14	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,4-Dinitrophenol	ND		93	14	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,4-Dinitrotoluene	ND		9.3	0.47	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,6-Dinitrotoluene	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 20:59	1
Di-n-octyl phthalate	ND		9.3	6.3	ug/L		03/21/19 10:25	03/25/19 20:59	1
Fluoranthene	ND		1.8	0.56	ug/L		03/21/19 10:25	03/25/19 20:59	1
Fluorene	ND		1.8	0.64	ug/L		03/21/19 10:25	03/25/19 20:59	1
Hexachlorobenzene	ND		1.8	0.52	ug/L		03/21/19 10:25	03/25/19 20:59	1
Hexachlorobutadiene	ND		1.8	0.64	ug/L		03/21/19 10:25	03/25/19 20:59	1
Hexachlorocyclopentadiene	ND		9.3	4.6	ug/L		03/21/19 10:25	03/25/19 20:59	1
Hexachloroethane	ND		9.3	0.57	ug/L		03/21/19 10:25	03/25/19 20:59	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.79	ug/L		03/21/19 10:25	03/25/19 20:59	1
Isophorone	ND		9.3	0.50	ug/L		03/21/19 10:25	03/25/19 20:59	1
2-Methylnaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:25	03/25/19 20:59	1
2-Methylphenol	ND		9.3	2.8	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Methylphenol	ND		9.3	3.4	ug/L		03/21/19 10:25	03/25/19 20:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP5(97)

Date Collected: 03/15/19 12:30

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-18

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.55	ug/L		03/21/19 10:25	03/25/19 20:59	1
2-Nitroaniline	ND		46	5.1	ug/L		03/21/19 10:25	03/25/19 20:59	1
3-Nitroaniline	ND		46	0.62	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Nitroaniline	ND		46	0.54	ug/L		03/21/19 10:25	03/25/19 20:59	1
Nitrobenzene	ND		19	4.6	ug/L		03/21/19 10:25	03/25/19 20:59	1
2-Nitrophenol	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 20:59	1
4-Nitrophenol	ND		46	1.3	ug/L		03/21/19 10:25	03/25/19 20:59	1
N-Nitrosodi-n-propylamine	ND		1.8	0.66	ug/L		03/21/19 10:25	03/25/19 20:59	1
N-Nitrosodiphenylamine	ND		9.3	1.1	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.54	ug/L		03/21/19 10:25	03/25/19 20:59	1
Pentachlorophenol	ND		46	7.8	ug/L		03/21/19 10:25	03/25/19 20:59	1
Phenanthrene	ND		1.8	0.51	ug/L		03/21/19 10:25	03/25/19 20:59	1
Phenol	ND		9.3	4.5	ug/L		03/21/19 10:25	03/25/19 20:59	1
Pyrene	ND		1.8	0.50	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,4,5-Trichlorophenol	ND		9.3	0.56	ug/L		03/21/19 10:25	03/25/19 20:59	1
2,4,6-Trichlorophenol	ND		9.3	0.63	ug/L		03/21/19 10:25	03/25/19 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		37 - 105	03/21/19 10:25	03/25/19 20:59	1
2-Fluorophenol	61		22 - 105	03/21/19 10:25	03/25/19 20:59	1
Nitrobenzene-d5	72		38 - 105	03/21/19 10:25	03/25/19 20:59	1
Phenol-d5	63		26 - 105	03/21/19 10:25	03/25/19 20:59	1
Terphenyl-d14	79		21 - 119	03/21/19 10:25	03/25/19 20:59	1
2,4,6-Tribromophenol	78		29 - 105	03/21/19 10:25	03/25/19 20:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(12)						Lab Sample ID: 180-87602-8			
Date Collected: 03/12/19 10:50						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 19:15	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 19:15	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 19:15	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 19:15	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 19:15	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 19:15	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 19:15	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 19:15	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 19:15	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 19:15	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 19:15	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 19:15	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 19:15	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 19:15	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 19:15	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 19:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 19:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 19:15	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 19:15	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 19:15	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 19:15	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 19:15	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 19:15	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 19:15	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 19:15	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 19:15	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 19:15	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 19:15	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 19:15	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 19:15	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 19:15	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 19:15	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 19:15	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 19:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 19:15	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 19:15	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 19:15	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 19:15	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 19:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 19:15	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 19:15	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 19:15	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 19:15	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 19:15	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 19:15	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 19:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		58 - 124		03/16/19 19:15	1
Dibromofluoromethane (Surr)	135	X	64 - 125		03/16/19 19:15	1
1,2-Dichloroethane-d4 (Surr)	126		65 - 127		03/16/19 19:15	1
Toluene-d8 (Surr)	95		69 - 115		03/16/19 19:15	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(12)

Date Collected: 03/12/19 10:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/18/19 14:30	03/21/19 23:18	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/18/19 14:30	03/21/19 23:18	1
Acetophenone	ND		10	0.62	ug/L		03/18/19 14:30	03/21/19 23:18	1
Anthracene	ND		1.9	0.49	ug/L		03/18/19 14:30	03/21/19 23:18	1
Atrazine	ND		10	1.8	ug/L		03/18/19 14:30	03/21/19 23:18	1
Benzaldehyde	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 23:18	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/18/19 14:30	03/21/19 23:18	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/18/19 14:30	03/21/19 23:18	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/18/19 14:30	03/21/19 23:18	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 23:18	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/18/19 14:30	03/21/19 23:18	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/18/19 14:30	03/21/19 23:18	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/18/19 14:30	03/21/19 23:18	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/18/19 14:30	03/21/19 23:18	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/18/19 14:30	03/21/19 23:18	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/18/19 14:30	03/21/19 23:18	1
Caprolactam	ND		50	4.7	ug/L		03/18/19 14:30	03/21/19 23:18	1
Carbazole	ND		1.9	0.51	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Chloroaniline	ND		10	0.44	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 23:18	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/18/19 14:30	03/21/19 23:18	1
2-Chlorophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 23:18	1
Chrysene	ND		1.9	0.81	ug/L		03/18/19 14:30	03/21/19 23:18	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/18/19 14:30	03/21/19 23:18	1
Dibenzofuran	ND		10	0.73	ug/L		03/18/19 14:30	03/21/19 23:18	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/18/19 14:30	03/21/19 23:18	1
Diethyl phthalate	ND		10	5.7	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/18/19 14:30	03/21/19 23:18	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/18/19 14:30	03/21/19 23:18	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/18/19 14:30	03/21/19 23:18	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/18/19 14:30	03/21/19 23:18	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/18/19 14:30	03/21/19 23:18	1
Fluoranthene	ND		1.9	0.60	ug/L		03/18/19 14:30	03/21/19 23:18	1
Fluorene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 23:18	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/18/19 14:30	03/21/19 23:18	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 23:18	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/18/19 14:30	03/21/19 23:18	1
Hexachloroethane	ND		10	0.62	ug/L		03/18/19 14:30	03/21/19 23:18	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/18/19 14:30	03/21/19 23:18	1
Isophorone	ND		10	0.54	ug/L		03/18/19 14:30	03/21/19 23:18	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/18/19 14:30	03/21/19 23:18	1
2-Methylphenol	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Methylphenol	ND		10	4.2	ug/L		03/18/19 14:30	03/21/19 23:18	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(12)

Date Collected: 03/12/19 10:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/18/19 14:30	03/21/19 23:18	1
2-Nitroaniline	ND		50	2.1	ug/L		03/18/19 14:30	03/21/19 23:18	1
3-Nitroaniline	ND		50	0.67	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Nitroaniline	ND		50	0.58	ug/L		03/18/19 14:30	03/21/19 23:18	1
Nitrobenzene	ND		20	1.7	ug/L		03/18/19 14:30	03/21/19 23:18	1
2-Nitrophenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 23:18	1
4-Nitrophenol	ND		50	1.4	ug/L		03/18/19 14:30	03/21/19 23:18	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/18/19 14:30	03/21/19 23:18	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/18/19 14:30	03/21/19 23:18	1
Pentachlorophenol	ND		50	2.4	ug/L		03/18/19 14:30	03/21/19 23:18	1
Phenanthrene	ND		1.9	0.55	ug/L		03/18/19 14:30	03/21/19 23:18	1
Phenol	ND		10	0.98	ug/L		03/18/19 14:30	03/21/19 23:18	1
Pyrene	ND		1.9	0.54	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 23:18	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/18/19 14:30	03/21/19 23:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		37 - 105	03/18/19 14:30	03/21/19 23:18	1
2-Fluorophenol	66		22 - 105	03/18/19 14:30	03/21/19 23:18	1
Nitrobenzene-d5	72		38 - 105	03/18/19 14:30	03/21/19 23:18	1
Phenol-d5	67		26 - 105	03/18/19 14:30	03/21/19 23:18	1
Terphenyl-d14	81		21 - 119	03/18/19 14:30	03/21/19 23:18	1
2,4,6-Tribromophenol	71		29 - 105	03/18/19 14:30	03/21/19 23:18	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

General Chemistry

Client Sample ID: WP9(12)

Date Collected: 03/12/19 10:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Cyanide, Total	55		10	4.4	ug/L		03/20/19 12:05	03/21/19 10:04	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(29.5)

Date Collected: 03/12/19 11:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 19:39	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 19:39	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 19:39	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 19:39	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 19:39	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 19:39	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 19:39	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 19:39	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 19:39	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 19:39	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 19:39	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 19:39	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 19:39	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 19:39	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 19:39	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 19:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 19:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 19:39	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 19:39	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 19:39	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 19:39	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 19:39	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 19:39	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 19:39	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 19:39	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 19:39	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 19:39	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 19:39	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 19:39	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 19:39	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 19:39	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 19:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 19:39	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 19:39	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 19:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 19:39	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 19:39	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 19:39	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 19:39	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 19:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 19:39	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 19:39	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 19:39	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 19:39	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 19:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 19:39	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 19:39	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 19:39	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		58 - 124		03/16/19 19:39	1
Dibromofluoromethane (Surr)	125		64 - 125		03/16/19 19:39	1
1,2-Dichloroethane-d4 (Surr)	132	X	65 - 127		03/16/19 19:39	1
Toluene-d8 (Surr)	100		69 - 115		03/16/19 19:39	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(29.5)

Date Collected: 03/12/19 11:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 22:51	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 22:51	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 22:51	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 22:51	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 22:51	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 22:51	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 22:51	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 22:51	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 22:51	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:51	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 22:51	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 22:51	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 22:51	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 22:51	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 22:51	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 22:51	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 22:51	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:51	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 22:51	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:51	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 22:51	1
Dibenz[a,h]anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 22:51	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 22:51	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 22:51	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 22:51	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 22:51	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 22:51	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 22:51	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 22:51	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 22:51	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:51	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 22:51	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:51	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 22:51	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 22:51	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 22:51	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 22:51	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 22:51	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 22:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(29.5)

Date Collected: 03/12/19 11:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 22:51	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 22:51	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 22:51	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 22:51	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:51	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 22:51	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 22:51	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 22:51	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 22:51	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 22:51	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 22:51	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:51	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		37 - 105				03/18/19 14:30	03/21/19 22:51	1
2-Fluorophenol	59		22 - 105				03/18/19 14:30	03/21/19 22:51	1
Nitrobenzene-d5	57		38 - 105				03/18/19 14:30	03/21/19 22:51	1
Phenol-d5	60		26 - 105				03/18/19 14:30	03/21/19 22:51	1
Terphenyl-d14	67		21 - 119				03/18/19 14:30	03/21/19 22:51	1
2,4,6-Tribromophenol	60		29 - 105				03/18/19 14:30	03/21/19 22:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

General Chemistry

Client Sample ID: WP9(29.5)

Date Collected: 03/12/19 11:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		10	4.4	ug/L		03/20/19 12:05	03/21/19 10:06	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(47)

Date Collected: 03/12/19 12:20

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 20:04	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 20:04	1
Bromodichloromethane	ND	*	1.0	0.64	ug/L			03/16/19 20:04	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 20:04	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 20:04	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 20:04	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 20:04	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 20:04	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 20:04	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 20:04	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 20:04	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 20:04	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 20:04	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 20:04	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 20:04	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 20:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 20:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 20:04	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 20:04	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 20:04	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 20:04	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 20:04	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 20:04	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 20:04	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 20:04	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 20:04	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 20:04	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 20:04	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 20:04	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 20:04	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 20:04	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 20:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 20:04	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 20:04	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 20:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 20:04	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 20:04	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 20:04	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 20:04	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 20:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 20:04	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 20:04	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 20:04	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 20:04	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 20:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 20:04	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 20:04	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 20:04	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		58 - 124		03/16/19 20:04	1
Dibromofluoromethane (Surr)	127	X	64 - 125		03/16/19 20:04	1
1,2-Dichloroethane-d4 (Surr)	132	X	65 - 127		03/16/19 20:04	1
Toluene-d8 (Surr)	98		69 - 115		03/16/19 20:04	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(47)

Date Collected: 03/12/19 12:20

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 22:25	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 22:25	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 22:25	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 22:25	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 22:25	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 22:25	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 22:25	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 22:25	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 22:25	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:25	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 22:25	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 22:25	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 22:25	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 22:25	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 22:25	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 22:25	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 22:25	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:25	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 22:25	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:25	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 22:25	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 22:25	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 22:25	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 22:25	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 22:25	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 22:25	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 22:25	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 22:25	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 22:25	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 22:25	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:25	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 22:25	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 22:25	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 22:25	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 22:25	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 22:25	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 22:25	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 22:25	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 22:25	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(47)

Date Collected: 03/12/19 12:20

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 22:25	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 22:25	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 22:25	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 22:25	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:25	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 22:25	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 22:25	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 22:25	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 22:25	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 22:25	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 22:25	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 22:25	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		37 - 105	03/18/19 14:30	03/21/19 22:25	1
2-Fluorophenol	59		22 - 105	03/18/19 14:30	03/21/19 22:25	1
Nitrobenzene-d5	60		38 - 105	03/18/19 14:30	03/21/19 22:25	1
Phenol-d5	58		26 - 105	03/18/19 14:30	03/21/19 22:25	1
Terphenyl-d14	35		21 - 119	03/18/19 14:30	03/21/19 22:25	1
2,4,6-Tribromophenol	60		29 - 105	03/18/19 14:30	03/21/19 22:25	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(64.5)

Date Collected: 03/12/19 13:20

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 20:27	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 20:27	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 20:27	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 20:27	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 20:27	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 20:27	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 20:27	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 20:27	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 20:27	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 20:27	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 20:27	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 20:27	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 20:27	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 20:27	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 20:27	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 20:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 20:27	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 20:27	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 20:27	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 20:27	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 20:27	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 20:27	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 20:27	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 20:27	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 20:27	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 20:27	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 20:27	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 20:27	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 20:27	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 20:27	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 20:27	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 20:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 20:27	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 20:27	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 20:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 20:27	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 20:27	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 20:27	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 20:27	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 20:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 20:27	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 20:27	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 20:27	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 20:27	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 20:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 20:27	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 20:27	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 20:27	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		58 - 124		03/16/19 20:27	1
Dibromofluoromethane (Surr)	132	X	64 - 125		03/16/19 20:27	1
1,2-Dichloroethane-d4 (Surr)	129	X	65 - 127		03/16/19 20:27	1
Toluene-d8 (Surr)	99		69 - 115		03/16/19 20:27	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(64.5)						Lab Sample ID: 180-87602-11			
Date Collected: 03/12/19 13:20						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/18/19 14:30	03/21/19 21:59	1
Acenaphthylene	ND		2.0	0.68	ug/L		03/18/19 14:30	03/21/19 21:59	1
Acetophenone	ND		10	0.65	ug/L		03/18/19 14:30	03/21/19 21:59	1
Anthracene	ND		2.0	0.51	ug/L		03/18/19 14:30	03/21/19 21:59	1
Atrazine	ND		10	1.9	ug/L		03/18/19 14:30	03/21/19 21:59	1
Benzaldehyde	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 21:59	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/18/19 14:30	03/21/19 21:59	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/18/19 14:30	03/21/19 21:59	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/18/19 14:30	03/21/19 21:59	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/18/19 14:30	03/21/19 21:59	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/18/19 14:30	03/21/19 21:59	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:59	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/18/19 14:30	03/21/19 21:59	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/18/19 14:30	03/21/19 21:59	1
Bis(2-ethylhexyl) phthalate	ND		100	48	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/18/19 14:30	03/21/19 21:59	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/18/19 14:30	03/21/19 21:59	1
Caprolactam	ND		52	4.9	ug/L		03/18/19 14:30	03/21/19 21:59	1
Carbazole	ND		2.0	0.53	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Chloroaniline	ND		10	0.46	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 21:59	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/18/19 14:30	03/21/19 21:59	1
2-Chlorophenol	ND		10	0.67	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 21:59	1
Chrysene	ND		2.0	0.84	ug/L		03/18/19 14:30	03/21/19 21:59	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/18/19 14:30	03/21/19 21:59	1
Dibenzofuran	ND		10	0.76	ug/L		03/18/19 14:30	03/21/19 21:59	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/18/19 14:30	03/21/19 21:59	1
Diethyl phthalate	ND		10	5.9	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/18/19 14:30	03/21/19 21:59	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/18/19 14:30	03/21/19 21:59	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/18/19 14:30	03/21/19 21:59	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/18/19 14:30	03/21/19 21:59	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/18/19 14:30	03/21/19 21:59	1
Fluoranthene	ND		2.0	0.63	ug/L		03/18/19 14:30	03/21/19 21:59	1
Fluorene	ND		2.0	0.72	ug/L		03/18/19 14:30	03/21/19 21:59	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/18/19 14:30	03/21/19 21:59	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/18/19 14:30	03/21/19 21:59	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/18/19 14:30	03/21/19 21:59	1
Hexachloroethane	ND		10	0.65	ug/L		03/18/19 14:30	03/21/19 21:59	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/18/19 14:30	03/21/19 21:59	1
Isophorone	ND		10	0.56	ug/L		03/18/19 14:30	03/21/19 21:59	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/18/19 14:30	03/21/19 21:59	1
2-Methylphenol	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Methylphenol	ND		10	4.4	ug/L		03/18/19 14:30	03/21/19 21:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(64.5)

Date Collected: 03/12/19 13:20

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/18/19 14:30	03/21/19 21:59	1
2-Nitroaniline	ND		52	2.2	ug/L		03/18/19 14:30	03/21/19 21:59	1
3-Nitroaniline	ND		52	0.70	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Nitroaniline	ND		52	0.60	ug/L		03/18/19 14:30	03/21/19 21:59	1
Nitrobenzene	ND		21	1.7	ug/L		03/18/19 14:30	03/21/19 21:59	1
2-Nitrophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 21:59	1
4-Nitrophenol	ND		52	1.5	ug/L		03/18/19 14:30	03/21/19 21:59	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/18/19 14:30	03/21/19 21:59	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/18/19 14:30	03/21/19 21:59	1
Pentachlorophenol	ND		52	2.5	ug/L		03/18/19 14:30	03/21/19 21:59	1
Phenanthrene	ND		2.0	0.57	ug/L		03/18/19 14:30	03/21/19 21:59	1
Phenol	ND		10	1.0	ug/L		03/18/19 14:30	03/21/19 21:59	1
Pyrene	ND		2.0	0.56	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 21:59	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/18/19 14:30	03/21/19 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		37 - 105				03/18/19 14:30	03/21/19 21:59	1
2-Fluorophenol	60		22 - 105				03/18/19 14:30	03/21/19 21:59	1
Nitrobenzene-d5	63		38 - 105				03/18/19 14:30	03/21/19 21:59	1
Phenol-d5	58		26 - 105				03/18/19 14:30	03/21/19 21:59	1
Terphenyl-d14	38		21 - 119				03/18/19 14:30	03/21/19 21:59	1
2,4,6-Tribromophenol	62		29 - 105				03/18/19 14:30	03/21/19 21:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(82)

Date Collected: 03/12/19 14:05

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-12

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 20:51	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 20:51	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 20:51	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 20:51	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 20:51	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 20:51	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 20:51	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 20:51	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 20:51	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 20:51	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 20:51	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 20:51	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 20:51	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 20:51	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 20:51	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 20:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 20:51	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 20:51	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 20:51	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 20:51	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 20:51	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 20:51	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 20:51	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 20:51	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 20:51	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 20:51	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 20:51	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 20:51	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 20:51	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 20:51	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 20:51	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 20:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 20:51	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 20:51	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 20:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 20:51	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 20:51	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 20:51	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 20:51	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 20:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 20:51	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 20:51	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 20:51	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 20:51	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 20:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 20:51	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 20:51	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 20:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	80		58 - 124		03/16/19 20:51	1
Dibromofluoromethane (Surr)	136	X	64 - 125		03/16/19 20:51	1
1,2-Dichloroethane-d4 (Surr)	135	X	65 - 127		03/16/19 20:51	1
Toluene-d8 (Surr)	96		69 - 115		03/16/19 20:51	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(82)						Lab Sample ID: 180-87602-12			
Date Collected: 03/12/19 14:05						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 21:32	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 21:32	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 21:32	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 21:32	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 21:32	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 21:32	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 21:32	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 21:32	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 21:32	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 21:32	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 21:32	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 21:32	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 21:32	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 21:32	1
Bis(2-ethylhexyl) phthalate	ND		9.6	44	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 21:32	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 21:32	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 21:32	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:32	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 21:32	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:32	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 21:32	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 21:32	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 21:32	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 21:32	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 21:32	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 21:32	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 21:32	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,4-Dinitrophenol	ND		9.6	15	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 21:32	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 21:32	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 21:32	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 21:32	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 21:32	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 21:32	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 21:32	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 21:32	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 21:32	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 21:32	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 21:32	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 21:32	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(82)

Lab Sample ID: 180-87602-12

Date Collected: 03/12/19 14:05

Matrix: Water

Date Received: 03/13/19 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 21:32	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 21:32	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 21:32	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 21:32	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:32	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 21:32	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 21:32	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 21:32	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 21:32	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 21:32	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 21:32	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:32	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		37 - 105	03/18/19 14:30	03/21/19 21:32	1
2-Fluorophenol	52		22 - 105	03/18/19 14:30	03/21/19 21:32	1
Nitrobenzene-d5	55		38 - 105	03/18/19 14:30	03/21/19 21:32	1
Phenol-d5	54		26 - 105	03/18/19 14:30	03/21/19 21:32	1
Terphenyl-d14	59		21 - 119	03/18/19 14:30	03/21/19 21:32	1
2,4,6-Tribromophenol	57		29 - 105	03/18/19 14:30	03/21/19 21:32	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(99.5)						Lab Sample ID: 180-87602-13			
Date Collected: 03/12/19 14:50						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/20/19 14:53	1
Benzene	ND		1.0	0.60	ug/L			03/20/19 14:53	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/20/19 14:53	1
Bromoform	ND		1.0	0.98	ug/L			03/20/19 14:53	1
Bromomethane	ND		1.0	0.89	ug/L			03/20/19 14:53	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/20/19 14:53	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/20/19 14:53	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/20/19 14:53	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/20/19 14:53	1
Chloroethane	ND		1.0	0.90	ug/L			03/20/19 14:53	1
Chloroform	ND		1.0	0.60	ug/L			03/20/19 14:53	1
Chloromethane	ND		1.0	0.90	ug/L			03/20/19 14:53	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/20/19 14:53	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/20/19 14:53	1
Cyclohexane	ND		1.0	0.63	ug/L			03/20/19 14:53	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/20/19 14:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/20/19 14:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/20/19 14:53	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/20/19 14:53	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/20/19 14:53	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/20/19 14:53	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/20/19 14:53	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/20/19 14:53	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/20/19 14:53	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/20/19 14:53	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/20/19 14:53	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/20/19 14:53	1
2-Hexanone	ND		5.0	3.3	ug/L			03/20/19 14:53	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/20/19 14:53	1
Methyl acetate	ND		5.0	1.7	ug/L			03/20/19 14:53	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/20/19 14:53	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/20/19 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/20/19 14:53	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/20/19 14:53	1
Styrene	ND		1.0	0.47	ug/L			03/20/19 14:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/19 14:53	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/20/19 14:53	1
Toluene	ND		1.0	0.46	ug/L			03/20/19 14:53	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/20/19 14:53	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/20/19 14:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/20/19 14:53	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/20/19 14:53	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/20/19 14:53	1
Trichloroethene	ND		1.0	0.69	ug/L			03/20/19 14:53	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/20/19 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/20/19 14:53	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/20/19 14:53	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/20/19 14:53	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		58 - 124		03/20/19 14:53	1
Dibromofluoromethane (Surr)	130	X	64 - 125		03/20/19 14:53	1
1,2-Dichloroethane-d4 (Surr)	122		65 - 127		03/20/19 14:53	1
Toluene-d8 (Surr)	106		69 - 115		03/20/19 14:53	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(99.5)

Date Collected: 03/12/19 14:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/18/19 14:30	03/21/19 21:06	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/18/19 14:30	03/21/19 21:06	1
Acetophenone	ND		10	0.62	ug/L		03/18/19 14:30	03/21/19 21:06	1
Anthracene	ND		1.9	0.49	ug/L		03/18/19 14:30	03/21/19 21:06	1
Atrazine	ND		10	1.8	ug/L		03/18/19 14:30	03/21/19 21:06	1
Benzaldehyde	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 21:06	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/18/19 14:30	03/21/19 21:06	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/18/19 14:30	03/21/19 21:06	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/18/19 14:30	03/21/19 21:06	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 21:06	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/18/19 14:30	03/21/19 21:06	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/18/19 14:30	03/21/19 21:06	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/18/19 14:30	03/21/19 21:06	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/18/19 14:30	03/21/19 21:06	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/18/19 14:30	03/21/19 21:06	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/18/19 14:30	03/21/19 21:06	1
Caprolactam	ND		50	4.7	ug/L		03/18/19 14:30	03/21/19 21:06	1
Carbazole	ND		1.9	0.51	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Chloroaniline	ND		10	0.44	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:06	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/18/19 14:30	03/21/19 21:06	1
2-Chlorophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:06	1
Chrysene	ND		1.9	0.81	ug/L		03/18/19 14:30	03/21/19 21:06	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/18/19 14:30	03/21/19 21:06	1
Dibenzofuran	ND		10	0.73	ug/L		03/18/19 14:30	03/21/19 21:06	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/18/19 14:30	03/21/19 21:06	1
Diethyl phthalate	ND		10	5.7	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/18/19 14:30	03/21/19 21:06	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/18/19 14:30	03/21/19 21:06	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/18/19 14:30	03/21/19 21:06	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/18/19 14:30	03/21/19 21:06	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/18/19 14:30	03/21/19 21:06	1
Fluoranthene	ND		1.9	0.60	ug/L		03/18/19 14:30	03/21/19 21:06	1
Fluorene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 21:06	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/18/19 14:30	03/21/19 21:06	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 21:06	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/18/19 14:30	03/21/19 21:06	1
Hexachloroethane	ND		10	0.62	ug/L		03/18/19 14:30	03/21/19 21:06	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/18/19 14:30	03/21/19 21:06	1
Isophorone	ND		10	0.54	ug/L		03/18/19 14:30	03/21/19 21:06	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/18/19 14:30	03/21/19 21:06	1
2-Methylphenol	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Methylphenol	ND		10	4.2	ug/L		03/18/19 14:30	03/21/19 21:06	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(99.5)

Date Collected: 03/12/19 14:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/18/19 14:30	03/21/19 21:06	1
2-Nitroaniline	ND		50	2.1	ug/L		03/18/19 14:30	03/21/19 21:06	1
3-Nitroaniline	ND		50	0.67	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Nitroaniline	ND		50	0.58	ug/L		03/18/19 14:30	03/21/19 21:06	1
Nitrobenzene	ND		20	1.7	ug/L		03/18/19 14:30	03/21/19 21:06	1
2-Nitrophenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:06	1
4-Nitrophenol	ND		50	1.4	ug/L		03/18/19 14:30	03/21/19 21:06	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/18/19 14:30	03/21/19 21:06	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/18/19 14:30	03/21/19 21:06	1
Pentachlorophenol	ND		50	2.4	ug/L		03/18/19 14:30	03/21/19 21:06	1
Phenanthrene	ND		1.9	0.55	ug/L		03/18/19 14:30	03/21/19 21:06	1
Phenol	ND		10	0.98	ug/L		03/18/19 14:30	03/21/19 21:06	1
Pyrene	ND		1.9	0.54	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:06	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/18/19 14:30	03/21/19 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		37 - 105	03/18/19 14:30	03/21/19 21:06	1
2-Fluorophenol	66		22 - 105	03/18/19 14:30	03/21/19 21:06	1
Nitrobenzene-d5	68		38 - 105	03/18/19 14:30	03/21/19 21:06	1
Phenol-d5	69		26 - 105	03/18/19 14:30	03/21/19 21:06	1
Terphenyl-d14	77		21 - 119	03/18/19 14:30	03/21/19 21:06	1
2,4,6-Tribromophenol	69		29 - 105	03/18/19 14:30	03/21/19 21:06	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(117)

Date Collected: 03/12/19 15:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-14

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	5.0	3.4	ug/L			03/20/19 13:18	1
Benzene	ND	F1	1.0	0.60	ug/L			03/20/19 13:18	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/20/19 13:18	1
Bromoform	ND		1.0	0.98	ug/L			03/20/19 13:18	1
Bromomethane	ND		1.0	0.89	ug/L			03/20/19 13:18	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/20/19 13:18	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/20/19 13:18	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/20/19 13:18	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/20/19 13:18	1
Chloroethane	ND		1.0	0.90	ug/L			03/20/19 13:18	1
Chloroform	ND		1.0	0.60	ug/L			03/20/19 13:18	1
Chloromethane	ND		1.0	0.90	ug/L			03/20/19 13:18	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/20/19 13:18	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/20/19 13:18	1
Cyclohexane	ND		1.0	0.63	ug/L			03/20/19 13:18	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/20/19 13:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/20/19 13:18	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/20/19 13:18	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/20/19 13:18	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/20/19 13:18	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/20/19 13:18	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/20/19 13:18	1
1,1-Dichloroethane	ND	F1	1.0	0.63	ug/L			03/20/19 13:18	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/20/19 13:18	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/20/19 13:18	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/20/19 13:18	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/20/19 13:18	1
2-Hexanone	ND		5.0	3.3	ug/L			03/20/19 13:18	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/20/19 13:18	1
Methyl acetate	ND	F1	5.0	1.7	ug/L			03/20/19 13:18	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/20/19 13:18	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/20/19 13:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/20/19 13:18	1
Methyl tert-butyl ether	ND	*	1.0	0.59	ug/L			03/20/19 13:18	1
Styrene	ND		1.0	0.47	ug/L			03/20/19 13:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/19 13:18	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/20/19 13:18	1
Toluene	ND		1.0	0.46	ug/L			03/20/19 13:18	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/20/19 13:18	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/20/19 13:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/20/19 13:18	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/20/19 13:18	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/20/19 13:18	1
Trichloroethene	ND		1.0	0.69	ug/L			03/20/19 13:18	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/20/19 13:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/20/19 13:18	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/20/19 13:18	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/20/19 13:18	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		58 - 124		03/20/19 13:18	1
Dibromofluoromethane (Surr)	112		64 - 125		03/20/19 13:18	1
1,2-Dichloroethane-d4 (Surr)	109		65 - 127		03/20/19 13:18	1
Toluene-d8 (Surr)	89		69 - 115		03/20/19 13:18	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(117)

Date Collected: 03/12/19 15:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-14

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 20:39	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 20:39	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 20:39	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 20:39	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 20:39	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 20:39	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 20:39	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 20:39	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 20:39	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 20:39	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 20:39	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 20:39	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 20:39	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 20:39	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 20:39	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 20:39	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 20:39	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:39	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 20:39	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:39	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 20:39	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 20:39	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 20:39	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 20:39	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 20:39	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 20:39	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 20:39	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 20:39	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 20:39	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 20:39	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 20:39	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 20:39	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 20:39	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 20:39	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 20:39	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 20:39	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 20:39	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 20:39	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 20:39	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP9(117)
Date Collected: 03/12/19 15:35
Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 20:39	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 20:39	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 20:39	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 20:39	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:39	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 20:39	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 20:39	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 20:39	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 20:39	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 20:39	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 20:39	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 20:39	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		37 - 105				03/18/19 14:30	03/21/19 20:39	1
2-Fluorophenol	66		22 - 105				03/18/19 14:30	03/21/19 20:39	1
Nitrobenzene-d5	69		38 - 105				03/18/19 14:30	03/21/19 20:39	1
Phenol-d5	68		26 - 105				03/18/19 14:30	03/21/19 20:39	1
Terphenyl-d14	71		21 - 119				03/18/19 14:30	03/21/19 20:39	1
2,4,6-Tribromophenol	68		29 - 105				03/18/19 14:30	03/21/19 20:39	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(32)

Date Collected: 03/13/19 08:15

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 13:51	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 13:51	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 13:51	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 13:51	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 13:51	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 13:51	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 13:51	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 13:51	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 13:51	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 13:51	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 13:51	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 13:51	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 13:51	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 13:51	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 13:51	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 13:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 13:51	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 13:51	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 13:51	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 13:51	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 13:51	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 13:51	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 13:51	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 13:51	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 13:51	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 13:51	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 13:51	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 13:51	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 13:51	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 13:51	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 13:51	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 13:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 13:51	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 13:51	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 13:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 13:51	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 13:51	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 13:51	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 13:51	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 13:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 13:51	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 13:51	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 13:51	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 13:51	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 13:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 13:51	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 13:51	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 13:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		58 - 124		03/19/19 13:51	1
Dibromofluoromethane (Surr)	98		64 - 125		03/19/19 13:51	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 127		03/19/19 13:51	1
Toluene-d8 (Surr)	101		69 - 115		03/19/19 13:51	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(32)						Lab Sample ID: 180-87657-1			
Date Collected: 03/13/19 08:15						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/19/19 12:59	03/22/19 15:41	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/19/19 12:59	03/22/19 15:41	1
Acetophenone	ND	F1	10	0.62	ug/L		03/19/19 12:59	03/22/19 15:41	1
Anthracene	ND		1.9	0.49	ug/L		03/19/19 12:59	03/22/19 15:41	1
Atrazine	ND		10	1.8	ug/L		03/19/19 12:59	03/22/19 15:41	1
Benzaldehyde	ND		10	1.1	ug/L		03/19/19 12:59	03/22/19 15:41	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/19/19 12:59	03/22/19 15:41	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/19/19 12:59	03/22/19 15:41	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/19/19 12:59	03/22/19 15:41	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/22/19 15:41	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/19/19 12:59	03/22/19 15:41	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/19/19 12:59	03/22/19 15:41	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/19/19 12:59	03/22/19 15:41	1
Bis(2-chloroethyl)ether	ND	F1	1.9	0.40	ug/L		03/19/19 12:59	03/22/19 15:41	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/19/19 12:59	03/22/19 15:41	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/19/19 12:59	03/22/19 15:41	1
Caprolactam	ND	F1	50	4.7	ug/L		03/19/19 12:59	03/22/19 15:41	1
Carbazole	ND		1.9	0.51	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Chloroaniline	ND	F1	10	0.44	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 15:41	1
2-Chloronaphthalene	ND	F1	1.9	0.59	ug/L		03/19/19 12:59	03/22/19 15:41	1
2-Chlorophenol	ND	F1	10	0.64	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 15:41	1
Chrysene	ND		1.9	0.81	ug/L		03/19/19 12:59	03/22/19 15:41	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/19/19 12:59	03/22/19 15:41	1
Dibenzofuran	ND		10	0.73	ug/L		03/19/19 12:59	03/22/19 15:41	1
3,3'-Dichlorobenzidine	ND	F1	10	5.8	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,4-Dichlorophenol	ND	F1	1.9	0.51	ug/L		03/19/19 12:59	03/22/19 15:41	1
Diethyl phthalate	ND		10	5.7	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,4-Dimethylphenol	ND	F1	10	0.41	ug/L		03/19/19 12:59	03/22/19 15:41	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/19/19 12:59	03/22/19 15:41	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/19/19 12:59	03/22/19 15:41	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/19/19 12:59	03/22/19 15:41	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/19/19 12:59	03/22/19 15:41	1
Fluoranthene	ND		1.9	0.60	ug/L		03/19/19 12:59	03/22/19 15:41	1
Fluorene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/22/19 15:41	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/19/19 12:59	03/22/19 15:41	1
Hexachlorobutadiene	ND	F1	1.9	0.69	ug/L		03/19/19 12:59	03/22/19 15:41	1
Hexachlorocyclopentadiene	ND	F1	10	5.0	ug/L		03/19/19 12:59	03/22/19 15:41	1
Hexachloroethane	ND	F1	10	0.62	ug/L		03/19/19 12:59	03/22/19 15:41	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/19/19 12:59	03/22/19 15:41	1
Isophorone	ND		10	0.54	ug/L		03/19/19 12:59	03/22/19 15:41	1
2-Methylnaphthalene	ND	F1	1.9	0.62	ug/L		03/19/19 12:59	03/22/19 15:41	1
2-Methylphenol	ND	F1	10	1.1	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Methylphenol	ND	F1	10	4.2	ug/L		03/19/19 12:59	03/22/19 15:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(32)

Date Collected: 03/13/19 08:15

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND	F1	1.9	0.59	ug/L		03/19/19 12:59	03/22/19 15:41	1
2-Nitroaniline	ND		50	2.1	ug/L		03/19/19 12:59	03/22/19 15:41	1
3-Nitroaniline	ND	F1	50	0.67	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Nitroaniline	ND		50	0.58	ug/L		03/19/19 12:59	03/22/19 15:41	1
Nitrobenzene	ND		20	1.7	ug/L		03/19/19 12:59	03/22/19 15:41	1
2-Nitrophenol	ND	F1	10	0.61	ug/L		03/19/19 12:59	03/22/19 15:41	1
4-Nitrophenol	ND		50	1.4	ug/L		03/19/19 12:59	03/22/19 15:41	1
N-Nitrosodi-n-propylamine	ND	F1	1.9	0.71	ug/L		03/19/19 12:59	03/22/19 15:41	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/19/19 12:59	03/22/19 15:41	1
Pentachlorophenol	ND		50	2.4	ug/L		03/19/19 12:59	03/22/19 15:41	1
Phenanthrene	ND		1.9	0.55	ug/L		03/19/19 12:59	03/22/19 15:41	1
Phenol	ND	F1	10	0.98	ug/L		03/19/19 12:59	03/22/19 15:41	1
Pyrene	ND		1.9	0.54	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 15:41	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/19/19 12:59	03/22/19 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		37 - 105	03/19/19 12:59	03/22/19 15:41	1
2-Fluorophenol	60		22 - 105	03/19/19 12:59	03/22/19 15:41	1
Nitrobenzene-d5	72		38 - 105	03/19/19 12:59	03/22/19 15:41	1
Phenol-d5	61		26 - 105	03/19/19 12:59	03/22/19 15:41	1
Terphenyl-d14	52		21 - 119	03/19/19 12:59	03/22/19 15:41	1
2,4,6-Tribromophenol	62		29 - 105	03/19/19 12:59	03/22/19 15:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

General Chemistry

Client Sample ID: WP10(32)

Date Collected: 03/13/19 08:15

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	12		10	4.4	ug/L		03/26/19 13:32	03/26/19 17:47	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(49)

Date Collected: 03/13/19 08:55

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 14:16	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 14:16	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 14:16	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 14:16	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 14:16	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 14:16	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 14:16	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 14:16	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 14:16	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 14:16	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 14:16	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 14:16	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 14:16	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 14:16	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 14:16	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 14:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 14:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 14:16	1
1,2-Dichlorobenzene	ND *		1.0	0.36	ug/L			03/19/19 14:16	1
1,3-Dichlorobenzene	ND *		1.0	0.50	ug/L			03/19/19 14:16	1
1,4-Dichlorobenzene	ND *		1.0	0.54	ug/L			03/19/19 14:16	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 14:16	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 14:16	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 14:16	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 14:16	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 14:16	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 14:16	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 14:16	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 14:16	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 14:16	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 14:16	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 14:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 14:16	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 14:16	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 14:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 14:16	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 14:16	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 14:16	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 14:16	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 14:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 14:16	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 14:16	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 14:16	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 14:16	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 14:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 14:16	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 14:16	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 14:16	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		58 - 124		03/19/19 14:16	1
Dibromofluoromethane (Surr)	105		64 - 125		03/19/19 14:16	1
1,2-Dichloroethane-d4 (Surr)	90		65 - 127		03/19/19 14:16	1
Toluene-d8 (Surr)	105		69 - 115		03/19/19 14:16	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(49)						Lab Sample ID: 180-87657-2			
Date Collected: 03/13/19 08:55						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 16:33	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 16:33	1
Acetophenone	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 16:33	1
Anthracene	ND		1.8	0.47	ug/L		03/19/19 12:59	03/22/19 16:33	1
Atrazine	ND		9.6	1.8	ug/L		03/19/19 12:59	03/22/19 16:33	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 16:33	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/19/19 12:59	03/22/19 16:33	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/19/19 12:59	03/22/19 16:33	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/19/19 12:59	03/22/19 16:33	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 16:33	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/19/19 12:59	03/22/19 16:33	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/19/19 12:59	03/22/19 16:33	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/19/19 12:59	03/22/19 16:33	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/19/19 12:59	03/22/19 16:33	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/19/19 12:59	03/22/19 16:33	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/19/19 12:59	03/22/19 16:33	1
Caprolactam	ND		48	4.5	ug/L		03/19/19 12:59	03/22/19 16:33	1
Carbazole	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 16:33	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 16:33	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 16:33	1
Chrysene	ND		1.8	0.78	ug/L		03/19/19 12:59	03/22/19 16:33	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/19/19 12:59	03/22/19 16:33	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/19/19 12:59	03/22/19 16:33	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 16:33	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/19/19 12:59	03/22/19 16:33	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/19/19 12:59	03/22/19 16:33	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/19/19 12:59	03/22/19 16:33	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/19/19 12:59	03/22/19 16:33	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/19/19 12:59	03/22/19 16:33	1
Fluoranthene	ND		1.8	0.58	ug/L		03/19/19 12:59	03/22/19 16:33	1
Fluorene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 16:33	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/19/19 12:59	03/22/19 16:33	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 16:33	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/19/19 12:59	03/22/19 16:33	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 16:33	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/19/19 12:59	03/22/19 16:33	1
Isophorone	ND		9.6	0.52	ug/L		03/19/19 12:59	03/22/19 16:33	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/19/19 12:59	03/22/19 16:33	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/19/19 12:59	03/22/19 16:33	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(49)

Lab Sample ID: 180-87657-2

Date Collected: 03/13/19 08:55

Matrix: Water

Date Received: 03/14/19 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 16:33	1
2-Nitroaniline	ND		48	2.0	ug/L		03/19/19 12:59	03/22/19 16:33	1
3-Nitroaniline	ND		48	0.64	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Nitroaniline	ND		48	0.56	ug/L		03/19/19 12:59	03/22/19 16:33	1
Nitrobenzene	ND		19	1.6	ug/L		03/19/19 12:59	03/22/19 16:33	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 16:33	1
4-Nitrophenol	ND		48	1.4	ug/L		03/19/19 12:59	03/22/19 16:33	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/19/19 12:59	03/22/19 16:33	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/19/19 12:59	03/22/19 16:33	1
Pentachlorophenol	ND		48	2.3	ug/L		03/19/19 12:59	03/22/19 16:33	1
Phenanthrene	ND		1.8	0.53	ug/L		03/19/19 12:59	03/22/19 16:33	1
Phenol	ND		9.6	0.94	ug/L		03/19/19 12:59	03/22/19 16:33	1
Pyrene	ND		1.8	0.52	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 16:33	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/19/19 12:59	03/22/19 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		37 - 105	03/19/19 12:59	03/22/19 16:33	1
2-Fluorophenol	57		22 - 105	03/19/19 12:59	03/22/19 16:33	1
Nitrobenzene-d5	67		38 - 105	03/19/19 12:59	03/22/19 16:33	1
Phenol-d5	62		26 - 105	03/19/19 12:59	03/22/19 16:33	1
Terphenyl-d14	66		21 - 119	03/19/19 12:59	03/22/19 16:33	1
2,4,6-Tribromophenol	59		29 - 105	03/19/19 12:59	03/22/19 16:33	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(66)

Date Collected: 03/13/19 09:40

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 14:41	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 14:41	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 14:41	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 14:41	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 14:41	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 14:41	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 14:41	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 14:41	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 14:41	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 14:41	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 14:41	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 14:41	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 14:41	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 14:41	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 14:41	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 14:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 14:41	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 14:41	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 14:41	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 14:41	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 14:41	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 14:41	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 14:41	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 14:41	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 14:41	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 14:41	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 14:41	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 14:41	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 14:41	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 14:41	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 14:41	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 14:41	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 14:41	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 14:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 14:41	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 14:41	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 14:41	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 14:41	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 14:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 14:41	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 14:41	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 14:41	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 14:41	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 14:41	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 14:41	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 14:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		58 - 124		03/19/19 14:41	1
Dibromofluoromethane (Surr)	102		64 - 125		03/19/19 14:41	1
1,2-Dichloroethane-d4 (Surr)	91		65 - 127		03/19/19 14:41	1
Toluene-d8 (Surr)	104		69 - 115		03/19/19 14:41	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(66)

Date Collected: 03/13/19 09:40

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/19/19 12:59	03/22/19 16:59	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/19/19 12:59	03/22/19 16:59	1
Acetophenone	ND		10	0.62	ug/L		03/19/19 12:59	03/22/19 16:59	1
Anthracene	ND		1.9	0.49	ug/L		03/19/19 12:59	03/22/19 16:59	1
Atrazine	ND		10	1.8	ug/L		03/19/19 12:59	03/22/19 16:59	1
Benzaldehyde	ND		10	1.1	ug/L		03/19/19 12:59	03/22/19 16:59	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/19/19 12:59	03/22/19 16:59	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/19/19 12:59	03/22/19 16:59	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/19/19 12:59	03/22/19 16:59	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/22/19 16:59	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/19/19 12:59	03/22/19 16:59	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/19/19 12:59	03/22/19 16:59	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/19/19 12:59	03/22/19 16:59	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/19/19 12:59	03/22/19 16:59	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/19/19 12:59	03/22/19 16:59	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/19/19 12:59	03/22/19 16:59	1
Caprolactam	ND		50	4.7	ug/L		03/19/19 12:59	03/22/19 16:59	1
Carbazole	ND		1.9	0.51	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Chloroaniline	ND		10	0.44	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 16:59	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/19/19 12:59	03/22/19 16:59	1
2-Chlorophenol	ND		10	0.64	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 16:59	1
Chrysene	ND		1.9	0.81	ug/L		03/19/19 12:59	03/22/19 16:59	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/19/19 12:59	03/22/19 16:59	1
Dibenzofuran	ND		10	0.73	ug/L		03/19/19 12:59	03/22/19 16:59	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/19/19 12:59	03/22/19 16:59	1
Diethyl phthalate	ND		10	5.7	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/19/19 12:59	03/22/19 16:59	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/19/19 12:59	03/22/19 16:59	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/19/19 12:59	03/22/19 16:59	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/19/19 12:59	03/22/19 16:59	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/19/19 12:59	03/22/19 16:59	1
Fluoranthene	ND		1.9	0.60	ug/L		03/19/19 12:59	03/22/19 16:59	1
Fluorene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/22/19 16:59	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/19/19 12:59	03/22/19 16:59	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/19/19 12:59	03/22/19 16:59	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/19/19 12:59	03/22/19 16:59	1
Hexachloroethane	ND		10	0.62	ug/L		03/19/19 12:59	03/22/19 16:59	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/19/19 12:59	03/22/19 16:59	1
Isophorone	ND		10	0.54	ug/L		03/19/19 12:59	03/22/19 16:59	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/19/19 12:59	03/22/19 16:59	1
2-Methylphenol	ND		10	1.1	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Methylphenol	ND		10	4.2	ug/L		03/19/19 12:59	03/22/19 16:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(66)

Date Collected: 03/13/19 09:40

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/19/19 12:59	03/22/19 16:59	1
2-Nitroaniline	ND		50	2.1	ug/L		03/19/19 12:59	03/22/19 16:59	1
3-Nitroaniline	ND		50	0.67	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Nitroaniline	ND		50	0.58	ug/L		03/19/19 12:59	03/22/19 16:59	1
Nitrobenzene	ND		20	1.7	ug/L		03/19/19 12:59	03/22/19 16:59	1
2-Nitrophenol	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 16:59	1
4-Nitrophenol	ND		50	1.4	ug/L		03/19/19 12:59	03/22/19 16:59	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/19/19 12:59	03/22/19 16:59	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/19/19 12:59	03/22/19 16:59	1
Pentachlorophenol	ND		50	2.4	ug/L		03/19/19 12:59	03/22/19 16:59	1
Phenanthrene	ND		1.9	0.55	ug/L		03/19/19 12:59	03/22/19 16:59	1
Phenol	ND		10	0.98	ug/L		03/19/19 12:59	03/22/19 16:59	1
Pyrene	ND		1.9	0.54	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 16:59	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/19/19 12:59	03/22/19 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		37 - 105	03/19/19 12:59	03/22/19 16:59	1
2-Fluorophenol	56		22 - 105	03/19/19 12:59	03/22/19 16:59	1
Nitrobenzene-d5	67		38 - 105	03/19/19 12:59	03/22/19 16:59	1
Phenol-d5	59		26 - 105	03/19/19 12:59	03/22/19 16:59	1
Terphenyl-d14	59		21 - 119	03/19/19 12:59	03/22/19 16:59	1
2,4,6-Tribromophenol	62		29 - 105	03/19/19 12:59	03/22/19 16:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(83)						Lab Sample ID: 180-87657-4			
Date Collected: 03/13/19 10:20						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 15:06	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 15:06	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 15:06	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 15:06	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 15:06	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 15:06	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 15:06	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 15:06	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 15:06	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 15:06	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 15:06	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 15:06	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 15:06	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 15:06	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 15:06	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 15:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 15:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 15:06	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 15:06	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 15:06	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 15:06	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 15:06	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 15:06	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 15:06	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 15:06	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 15:06	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 15:06	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 15:06	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 15:06	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 15:06	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 15:06	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 15:06	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 15:06	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 15:06	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 15:06	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 15:06	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 15:06	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 15:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 15:06	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 15:06	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 15:06	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 15:06	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 15:06	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 15:06	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 15:06	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		58 - 124		03/19/19 15:06	1
Dibromofluoromethane (Surr)	100		64 - 125		03/19/19 15:06	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 127		03/19/19 15:06	1
Toluene-d8 (Surr)	103		69 - 115		03/19/19 15:06	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(83)						Lab Sample ID: 180-87657-4			
Date Collected: 03/13/19 10:20						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 17:25	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 17:25	1
Acetophenone	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 17:25	1
Anthracene	ND		1.8	0.47	ug/L		03/19/19 12:59	03/22/19 17:25	1
Atrazine	ND		9.6	1.8	ug/L		03/19/19 12:59	03/22/19 17:25	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 17:25	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/19/19 12:59	03/22/19 17:25	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/19/19 12:59	03/22/19 17:25	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/19/19 12:59	03/22/19 17:25	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 17:25	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/19/19 12:59	03/22/19 17:25	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/19/19 12:59	03/22/19 17:25	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/19/19 12:59	03/22/19 17:25	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/19/19 12:59	03/22/19 17:25	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/19/19 12:59	03/22/19 17:25	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/19/19 12:59	03/22/19 17:25	1
Caprolactam	ND		48	4.5	ug/L		03/19/19 12:59	03/22/19 17:25	1
Carbazole	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:25	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 17:25	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:25	1
Chrysene	ND		1.8	0.78	ug/L		03/19/19 12:59	03/22/19 17:25	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/19/19 12:59	03/22/19 17:25	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/19/19 12:59	03/22/19 17:25	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 17:25	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/19/19 12:59	03/22/19 17:25	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/19/19 12:59	03/22/19 17:25	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/19/19 12:59	03/22/19 17:25	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/19/19 12:59	03/22/19 17:25	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/19/19 12:59	03/22/19 17:25	1
Fluoranthene	ND		1.8	0.58	ug/L		03/19/19 12:59	03/22/19 17:25	1
Fluorene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 17:25	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/19/19 12:59	03/22/19 17:25	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 17:25	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/19/19 12:59	03/22/19 17:25	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 17:25	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/19/19 12:59	03/22/19 17:25	1
Isophorone	ND		9.6	0.52	ug/L		03/19/19 12:59	03/22/19 17:25	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/19/19 12:59	03/22/19 17:25	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/19/19 12:59	03/22/19 17:25	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(83)						Lab Sample ID: 180-87657-4			
Date Collected: 03/13/19 10:20						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 17:25	1
2-Nitroaniline	ND		48	2.0	ug/L		03/19/19 12:59	03/22/19 17:25	1
3-Nitroaniline	ND		48	0.64	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Nitroaniline	ND		48	0.56	ug/L		03/19/19 12:59	03/22/19 17:25	1
Nitrobenzene	ND		19	1.6	ug/L		03/19/19 12:59	03/22/19 17:25	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:25	1
4-Nitrophenol	ND		48	1.4	ug/L		03/19/19 12:59	03/22/19 17:25	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/19/19 12:59	03/22/19 17:25	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/19/19 12:59	03/22/19 17:25	1
Pentachlorophenol	ND		48	2.3	ug/L		03/19/19 12:59	03/22/19 17:25	1
Phenanthrene	ND		1.8	0.53	ug/L		03/19/19 12:59	03/22/19 17:25	1
Phenol	ND		9.6	0.94	ug/L		03/19/19 12:59	03/22/19 17:25	1
Pyrene	ND		1.8	0.52	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:25	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/19/19 12:59	03/22/19 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		37 - 105				03/19/19 12:59	03/22/19 17:25	1
2-Fluorophenol	62		22 - 105				03/19/19 12:59	03/22/19 17:25	1
Nitrobenzene-d5	73		38 - 105				03/19/19 12:59	03/22/19 17:25	1
Phenol-d5	68		26 - 105				03/19/19 12:59	03/22/19 17:25	1
Terphenyl-d14	76		21 - 119				03/19/19 12:59	03/22/19 17:25	1
2,4,6-Tribromophenol	68		29 - 105				03/19/19 12:59	03/22/19 17:25	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(100)
Date Collected: 03/13/19 11:00
Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 15:31	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 15:31	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 15:31	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 15:31	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 15:31	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 15:31	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 15:31	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 15:31	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 15:31	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 15:31	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 15:31	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 15:31	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 15:31	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 15:31	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 15:31	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 15:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 15:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 15:31	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 15:31	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 15:31	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 15:31	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 15:31	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 15:31	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 15:31	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 15:31	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 15:31	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 15:31	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 15:31	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 15:31	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 15:31	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 15:31	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 15:31	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 15:31	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 15:31	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 15:31	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 15:31	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 15:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 15:31	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 15:31	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 15:31	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 15:31	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 15:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 15:31	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 15:31	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 15:31	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		58 - 124		03/19/19 15:31	1
Dibromofluoromethane (Surr)	101		64 - 125		03/19/19 15:31	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 127		03/19/19 15:31	1
Toluene-d8 (Surr)	104		69 - 115		03/19/19 15:31	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(100)						Lab Sample ID: 180-87657-5			
Date Collected: 03/13/19 11:00						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 17:51	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 17:51	1
Acetophenone	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 17:51	1
Anthracene	ND		1.8	0.47	ug/L		03/19/19 12:59	03/22/19 17:51	1
Atrazine	ND		9.6	1.8	ug/L		03/19/19 12:59	03/22/19 17:51	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 17:51	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/19/19 12:59	03/22/19 17:51	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/19/19 12:59	03/22/19 17:51	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/19/19 12:59	03/22/19 17:51	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 17:51	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/19/19 12:59	03/22/19 17:51	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/19/19 12:59	03/22/19 17:51	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/19/19 12:59	03/22/19 17:51	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/19/19 12:59	03/22/19 17:51	1
Bis(2-ethylhexyl) phthalate	ND		9.6	44	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/19/19 12:59	03/22/19 17:51	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/19/19 12:59	03/22/19 17:51	1
Caprolactam	ND		48	4.5	ug/L		03/19/19 12:59	03/22/19 17:51	1
Carbazole	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:51	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 17:51	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:51	1
Chrysene	ND		1.8	0.78	ug/L		03/19/19 12:59	03/22/19 17:51	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/19/19 12:59	03/22/19 17:51	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/19/19 12:59	03/22/19 17:51	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 17:51	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/19/19 12:59	03/22/19 17:51	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/19/19 12:59	03/22/19 17:51	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/19/19 12:59	03/22/19 17:51	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,4-Dinitrophenol	ND		9.6	15	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/19/19 12:59	03/22/19 17:51	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/19/19 12:59	03/22/19 17:51	1
Fluoranthene	ND		1.8	0.58	ug/L		03/19/19 12:59	03/22/19 17:51	1
Fluorene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 17:51	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/19/19 12:59	03/22/19 17:51	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 17:51	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/19/19 12:59	03/22/19 17:51	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 17:51	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/19/19 12:59	03/22/19 17:51	1
Isophorone	ND		9.6	0.52	ug/L		03/19/19 12:59	03/22/19 17:51	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/19/19 12:59	03/22/19 17:51	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/19/19 12:59	03/22/19 17:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(100)						Lab Sample ID: 180-87657-5			
Date Collected: 03/13/19 11:00						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 17:51	1
2-Nitroaniline	ND		48	2.0	ug/L		03/19/19 12:59	03/22/19 17:51	1
3-Nitroaniline	ND		48	0.64	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Nitroaniline	ND		48	0.56	ug/L		03/19/19 12:59	03/22/19 17:51	1
Nitrobenzene	ND		19	1.6	ug/L		03/19/19 12:59	03/22/19 17:51	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:51	1
4-Nitrophenol	ND		48	1.4	ug/L		03/19/19 12:59	03/22/19 17:51	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/19/19 12:59	03/22/19 17:51	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/19/19 12:59	03/22/19 17:51	1
Pentachlorophenol	ND		48	2.3	ug/L		03/19/19 12:59	03/22/19 17:51	1
Phenanthrene	ND		1.8	0.53	ug/L		03/19/19 12:59	03/22/19 17:51	1
Phenol	ND		9.6	0.94	ug/L		03/19/19 12:59	03/22/19 17:51	1
Pyrene	ND		1.8	0.52	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 17:51	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/19/19 12:59	03/22/19 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		37 - 105				03/19/19 12:59	03/22/19 17:51	1
2-Fluorophenol	52		22 - 105				03/19/19 12:59	03/22/19 17:51	1
Nitrobenzene-d5	64		38 - 105				03/19/19 12:59	03/22/19 17:51	1
Phenol-d5	57		26 - 105				03/19/19 12:59	03/22/19 17:51	1
Terphenyl-d14	88		21 - 119				03/19/19 12:59	03/22/19 17:51	1
2,4,6-Tribromophenol	59		29 - 105				03/19/19 12:59	03/22/19 17:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(117)

Date Collected: 03/13/19 11:40

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 15:56	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 15:56	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 15:56	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 15:56	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 15:56	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 15:56	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 15:56	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 15:56	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 15:56	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 15:56	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 15:56	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 15:56	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 15:56	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 15:56	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 15:56	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 15:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 15:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 15:56	1
1,2-Dichlorobenzene	ND *		1.0	0.36	ug/L			03/19/19 15:56	1
1,3-Dichlorobenzene	ND *		1.0	0.50	ug/L			03/19/19 15:56	1
1,4-Dichlorobenzene	ND *		1.0	0.54	ug/L			03/19/19 15:56	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 15:56	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 15:56	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 15:56	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 15:56	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 15:56	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 15:56	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 15:56	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 15:56	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 15:56	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 15:56	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 15:56	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 15:56	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 15:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 15:56	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 15:56	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 15:56	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 15:56	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 15:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 15:56	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 15:56	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 15:56	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 15:56	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 15:56	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 15:56	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 15:56	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		58 - 124		03/19/19 15:56	1
Dibromofluoromethane (Surr)	106		64 - 125		03/19/19 15:56	1
1,2-Dichloroethane-d4 (Surr)	90		65 - 127		03/19/19 15:56	1
Toluene-d8 (Surr)	109		69 - 115		03/19/19 15:56	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(117)

Date Collected: 03/13/19 11:40

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 18:17	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 18:17	1
Acetophenone	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 18:17	1
Anthracene	ND		1.8	0.47	ug/L		03/19/19 12:59	03/22/19 18:17	1
Atrazine	ND		9.6	1.8	ug/L		03/19/19 12:59	03/22/19 18:17	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 18:17	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/19/19 12:59	03/22/19 18:17	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/19/19 12:59	03/22/19 18:17	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/19/19 12:59	03/22/19 18:17	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 18:17	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/19/19 12:59	03/22/19 18:17	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/19/19 12:59	03/22/19 18:17	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/19/19 12:59	03/22/19 18:17	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/19/19 12:59	03/22/19 18:17	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/19/19 12:59	03/22/19 18:17	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/19/19 12:59	03/22/19 18:17	1
Caprolactam	ND		48	4.5	ug/L		03/19/19 12:59	03/22/19 18:17	1
Carbazole	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:17	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 18:17	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:17	1
Chrysene	ND		1.8	0.78	ug/L		03/19/19 12:59	03/22/19 18:17	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/19/19 12:59	03/22/19 18:17	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/19/19 12:59	03/22/19 18:17	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 18:17	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/19/19 12:59	03/22/19 18:17	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/19/19 12:59	03/22/19 18:17	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/19/19 12:59	03/22/19 18:17	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/19/19 12:59	03/22/19 18:17	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/19/19 12:59	03/22/19 18:17	1
Fluoranthene	ND		1.8	0.58	ug/L		03/19/19 12:59	03/22/19 18:17	1
Fluorene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 18:17	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/19/19 12:59	03/22/19 18:17	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 18:17	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/19/19 12:59	03/22/19 18:17	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 18:17	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/19/19 12:59	03/22/19 18:17	1
Isophorone	ND		9.6	0.52	ug/L		03/19/19 12:59	03/22/19 18:17	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/19/19 12:59	03/22/19 18:17	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/19/19 12:59	03/22/19 18:17	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(117)

Date Collected: 03/13/19 11:40

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 18:17	1
2-Nitroaniline	ND		48	2.0	ug/L		03/19/19 12:59	03/22/19 18:17	1
3-Nitroaniline	ND		48	0.64	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Nitroaniline	ND		48	0.56	ug/L		03/19/19 12:59	03/22/19 18:17	1
Nitrobenzene	ND		19	1.6	ug/L		03/19/19 12:59	03/22/19 18:17	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:17	1
4-Nitrophenol	ND		48	1.4	ug/L		03/19/19 12:59	03/22/19 18:17	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/19/19 12:59	03/22/19 18:17	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/19/19 12:59	03/22/19 18:17	1
Pentachlorophenol	ND		48	2.3	ug/L		03/19/19 12:59	03/22/19 18:17	1
Phenanthrene	ND		1.8	0.53	ug/L		03/19/19 12:59	03/22/19 18:17	1
Phenol	ND		9.6	0.94	ug/L		03/19/19 12:59	03/22/19 18:17	1
Pyrene	ND		1.8	0.52	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:17	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/19/19 12:59	03/22/19 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		37 - 105				03/19/19 12:59	03/22/19 18:17	1
2-Fluorophenol	45		22 - 105				03/19/19 12:59	03/22/19 18:17	1
Nitrobenzene-d5	56		38 - 105				03/19/19 12:59	03/22/19 18:17	1
Phenol-d5	44		26 - 105				03/19/19 12:59	03/22/19 18:17	1
Terphenyl-d14	24		21 - 119				03/19/19 12:59	03/22/19 18:17	1
2,4,6-Tribromophenol	47		29 - 105				03/19/19 12:59	03/22/19 18:17	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(134)						Lab Sample ID: 180-87657-7			
Date Collected: 03/13/19 12:25						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 16:21	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 16:21	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 16:21	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 16:21	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 16:21	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 16:21	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 16:21	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 16:21	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 16:21	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 16:21	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 16:21	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 16:21	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 16:21	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 16:21	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 16:21	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 16:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 16:21	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 16:21	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 16:21	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 16:21	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 16:21	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 16:21	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 16:21	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 16:21	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 16:21	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 16:21	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 16:21	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 16:21	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 16:21	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 16:21	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 16:21	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 16:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 16:21	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 16:21	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 16:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 16:21	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 16:21	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 16:21	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 16:21	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 16:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 16:21	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 16:21	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 16:21	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 16:21	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 16:21	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 16:21	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 16:21	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	98		58 - 124		03/19/19 16:21	1
Dibromofluoromethane (Surr)	111		64 - 125		03/19/19 16:21	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 127		03/19/19 16:21	1
Toluene-d8 (Surr)	110		69 - 115		03/19/19 16:21	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(134)

Date Collected: 03/13/19 12:25

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 18:43	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 18:43	1
Acetophenone	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 18:43	1
Anthracene	ND		1.8	0.47	ug/L		03/19/19 12:59	03/22/19 18:43	1
Atrazine	ND		9.6	1.8	ug/L		03/19/19 12:59	03/22/19 18:43	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 18:43	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/19/19 12:59	03/22/19 18:43	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/19/19 12:59	03/22/19 18:43	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/19/19 12:59	03/22/19 18:43	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 18:43	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/19/19 12:59	03/22/19 18:43	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/19/19 12:59	03/22/19 18:43	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/19/19 12:59	03/22/19 18:43	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/19/19 12:59	03/22/19 18:43	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/19/19 12:59	03/22/19 18:43	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/19/19 12:59	03/22/19 18:43	1
Caprolactam	ND		48	4.5	ug/L		03/19/19 12:59	03/22/19 18:43	1
Carbazole	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:43	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 18:43	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:43	1
Chrysene	ND		1.8	0.78	ug/L		03/19/19 12:59	03/22/19 18:43	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/19/19 12:59	03/22/19 18:43	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/19/19 12:59	03/22/19 18:43	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 18:43	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/19/19 12:59	03/22/19 18:43	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/19/19 12:59	03/22/19 18:43	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/19/19 12:59	03/22/19 18:43	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/19/19 12:59	03/22/19 18:43	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/19/19 12:59	03/22/19 18:43	1
Fluoranthene	ND		1.8	0.58	ug/L		03/19/19 12:59	03/22/19 18:43	1
Fluorene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 18:43	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/19/19 12:59	03/22/19 18:43	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 18:43	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/19/19 12:59	03/22/19 18:43	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 18:43	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/19/19 12:59	03/22/19 18:43	1
Isophorone	ND		9.6	0.52	ug/L		03/19/19 12:59	03/22/19 18:43	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/19/19 12:59	03/22/19 18:43	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/19/19 12:59	03/22/19 18:43	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP10(134)

Date Collected: 03/13/19 12:25

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 18:43	1
2-Nitroaniline	ND		48	2.0	ug/L		03/19/19 12:59	03/22/19 18:43	1
3-Nitroaniline	ND		48	0.64	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Nitroaniline	ND		48	0.56	ug/L		03/19/19 12:59	03/22/19 18:43	1
Nitrobenzene	ND		19	1.6	ug/L		03/19/19 12:59	03/22/19 18:43	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:43	1
4-Nitrophenol	ND		48	1.4	ug/L		03/19/19 12:59	03/22/19 18:43	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/19/19 12:59	03/22/19 18:43	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/19/19 12:59	03/22/19 18:43	1
Pentachlorophenol	ND		48	2.3	ug/L		03/19/19 12:59	03/22/19 18:43	1
Phenanthrene	ND		1.8	0.53	ug/L		03/19/19 12:59	03/22/19 18:43	1
Phenol	ND		9.6	0.94	ug/L		03/19/19 12:59	03/22/19 18:43	1
Pyrene	ND		1.8	0.52	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 18:43	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/19/19 12:59	03/22/19 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		37 - 105	03/19/19 12:59	03/22/19 18:43	1
2-Fluorophenol	57		22 - 105	03/19/19 12:59	03/22/19 18:43	1
Nitrobenzene-d5	68		38 - 105	03/19/19 12:59	03/22/19 18:43	1
Phenol-d5	61		26 - 105	03/19/19 12:59	03/22/19 18:43	1
Terphenyl-d14	66		21 - 119	03/19/19 12:59	03/22/19 18:43	1
2,4,6-Tribromophenol	61		29 - 105	03/19/19 12:59	03/22/19 18:43	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(12)

Date Collected: 03/15/19 07:50

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 14:48	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 14:48	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 14:48	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 14:48	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 14:48	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 14:48	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 14:48	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 14:48	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 14:48	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 14:48	1
Chloroform	ND		1.0	0.60	ug/L			03/26/19 14:48	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 14:48	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 14:48	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 14:48	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 14:48	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 14:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 14:48	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 14:48	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/26/19 14:48	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/26/19 14:48	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/26/19 14:48	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 14:48	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 14:48	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 14:48	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 14:48	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 14:48	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 14:48	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 14:48	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 14:48	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 14:48	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 14:48	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 14:48	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 14:48	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 14:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 14:48	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 14:48	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 14:48	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 14:48	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 14:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 14:48	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 14:48	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 14:48	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 14:48	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 14:48	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 14:48	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 14:48	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 124		03/26/19 14:48	1
Dibromofluoromethane (Surr)	97		64 - 125		03/26/19 14:48	1
1,2-Dichloroethane-d4 (Surr)	85		65 - 127		03/26/19 14:48	1
Toluene-d8 (Surr)	101		69 - 115		03/26/19 14:48	1

Client Sample Results

Client: GEl Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(12)						Lab Sample ID: 180-87774-1			
Date Collected: 03/15/19 07:50						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 14:37	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 14:37	1
Acetophenone	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 14:37	1
Anthracene	ND		1.8	0.47	ug/L		03/21/19 10:24	03/25/19 14:37	1
Atrazine	ND		9.6	6.1	ug/L		03/21/19 10:24	03/25/19 14:37	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 14:37	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/21/19 10:24	03/25/19 14:37	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/21/19 10:24	03/25/19 14:37	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/21/19 10:24	03/25/19 14:37	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 14:37	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/21/19 10:24	03/25/19 14:37	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/21/19 10:24	03/25/19 14:37	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/21/19 10:24	03/25/19 14:37	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/21/19 10:24	03/25/19 14:37	1
Bis(2-ethylhexyl) phthalate	ND		96	60	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/21/19 10:24	03/25/19 14:37	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/21/19 10:24	03/25/19 14:37	1
Caprolactam	ND		48	4.5	ug/L		03/21/19 10:24	03/25/19 14:37	1
Carbazole	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 14:37	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 14:37	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 14:37	1
Chrysene	ND		1.8	0.78	ug/L		03/21/19 10:24	03/25/19 14:37	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/21/19 10:24	03/25/19 14:37	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/21/19 10:24	03/25/19 14:37	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 14:37	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,4-Dimethylphenol	ND	F1	9.6	0.39	ug/L		03/21/19 10:24	03/25/19 14:37	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/21/19 10:24	03/25/19 14:37	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/21/19 10:24	03/25/19 14:37	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/21/19 10:24	03/25/19 14:37	1
Di-n-octyl phthalate	ND	F1	9.6	6.6	ug/L		03/21/19 10:24	03/25/19 14:37	1
Fluoranthene	ND		1.8	0.58	ug/L		03/21/19 10:24	03/25/19 14:37	1
Fluorene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 14:37	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/21/19 10:24	03/25/19 14:37	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 14:37	1
Hexachlorocyclopentadiene	ND	F1	9.6	4.8	ug/L		03/21/19 10:24	03/25/19 14:37	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 14:37	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/21/19 10:24	03/25/19 14:37	1
Isophorone	ND		9.6	0.52	ug/L		03/21/19 10:24	03/25/19 14:37	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/21/19 10:24	03/25/19 14:37	1
2-Methylphenol	ND		9.6	2.9	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Methylphenol	ND		9.6	3.6	ug/L		03/21/19 10:24	03/25/19 14:37	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(12)

Date Collected: 03/15/19 07:50

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 14:37	1
2-Nitroaniline	ND		48	5.3	ug/L		03/21/19 10:24	03/25/19 14:37	1
3-Nitroaniline	ND		48	0.64	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Nitroaniline	ND		48	0.56	ug/L		03/21/19 10:24	03/25/19 14:37	1
Nitrobenzene	ND		19	4.8	ug/L		03/21/19 10:24	03/25/19 14:37	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 14:37	1
4-Nitrophenol	ND		48	1.4	ug/L		03/21/19 10:24	03/25/19 14:37	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/21/19 10:24	03/25/19 14:37	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/21/19 10:24	03/25/19 14:37	1
Pentachlorophenol	ND		48	8.1	ug/L		03/21/19 10:24	03/25/19 14:37	1
Phenanthrene	ND		1.8	0.53	ug/L		03/21/19 10:24	03/25/19 14:37	1
Phenol	ND		9.6	4.7	ug/L		03/21/19 10:24	03/25/19 14:37	1
Pyrene	ND		1.8	0.52	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 14:37	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/21/19 10:24	03/25/19 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		37 - 105	03/21/19 10:24	03/25/19 14:37	1
2-Fluorophenol	57		22 - 105	03/21/19 10:24	03/25/19 14:37	1
Nitrobenzene-d5	61		38 - 105	03/21/19 10:24	03/25/19 14:37	1
Phenol-d5	64		26 - 105	03/21/19 10:24	03/25/19 14:37	1
Terphenyl-d14	89		21 - 119	03/21/19 10:24	03/25/19 14:37	1
2,4,6-Tribromophenol	74		29 - 105	03/21/19 10:24	03/25/19 14:37	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

General Chemistry

Client Sample ID: WP11(12)

Date Collected: 03/15/19 07:50

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	120		10	4.4	ug/L		03/27/19 11:53	03/27/19 16:13	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(27)

Date Collected: 03/15/19 08:35

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 15:13	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 15:13	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 15:13	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 15:13	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 15:13	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 15:13	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 15:13	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 15:13	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 15:13	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 15:13	1
Chloroform	ND		1.0	0.60	ug/L			03/26/19 15:13	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 15:13	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 15:13	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 15:13	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 15:13	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 15:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 15:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 15:13	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/26/19 15:13	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/26/19 15:13	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/26/19 15:13	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 15:13	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 15:13	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 15:13	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 15:13	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 15:13	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 15:13	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 15:13	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 15:13	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 15:13	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 15:13	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 15:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 15:13	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 15:13	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 15:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 15:13	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 15:13	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 15:13	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 15:13	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 15:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 15:13	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 15:13	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 15:13	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 15:13	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 15:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 15:13	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 15:13	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 15:13	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		58 - 124		03/26/19 15:13	1
Dibromofluoromethane (Surr)	99		64 - 125		03/26/19 15:13	1
1,2-Dichloroethane-d4 (Surr)	85		65 - 127		03/26/19 15:13	1
Toluene-d8 (Surr)	106		69 - 115		03/26/19 15:13	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(27)						Lab Sample ID: 180-87774-2			
Date Collected: 03/15/19 08:35						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 15:30	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/21/19 10:24	03/25/19 15:30	1
Acetophenone	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 15:30	1
Anthracene	ND		1.8	0.47	ug/L		03/21/19 10:24	03/25/19 15:30	1
Atrazine	ND		9.6	6.1	ug/L		03/21/19 10:24	03/25/19 15:30	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 15:30	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/21/19 10:24	03/25/19 15:30	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/21/19 10:24	03/25/19 15:30	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/21/19 10:24	03/25/19 15:30	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 15:30	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/21/19 10:24	03/25/19 15:30	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/21/19 10:24	03/25/19 15:30	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/21/19 10:24	03/25/19 15:30	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/21/19 10:24	03/25/19 15:30	1
Bis(2-ethylhexyl) phthalate	ND		96	60	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/21/19 10:24	03/25/19 15:30	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/21/19 10:24	03/25/19 15:30	1
Caprolactam	ND		48	4.5	ug/L		03/21/19 10:24	03/25/19 15:30	1
Carbazole	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 15:30	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 15:30	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 15:30	1
Chrysene	ND		1.8	0.78	ug/L		03/21/19 10:24	03/25/19 15:30	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/21/19 10:24	03/25/19 15:30	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/21/19 10:24	03/25/19 15:30	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/21/19 10:24	03/25/19 15:30	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/21/19 10:24	03/25/19 15:30	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/21/19 10:24	03/25/19 15:30	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/21/19 10:24	03/25/19 15:30	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/21/19 10:24	03/25/19 15:30	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/21/19 10:24	03/25/19 15:30	1
Fluoranthene	ND		1.8	0.58	ug/L		03/21/19 10:24	03/25/19 15:30	1
Fluorene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 15:30	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/21/19 10:24	03/25/19 15:30	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/21/19 10:24	03/25/19 15:30	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/21/19 10:24	03/25/19 15:30	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/21/19 10:24	03/25/19 15:30	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/21/19 10:24	03/25/19 15:30	1
Isophorone	ND		9.6	0.52	ug/L		03/21/19 10:24	03/25/19 15:30	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/21/19 10:24	03/25/19 15:30	1
2-Methylphenol	ND		9.6	2.9	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Methylphenol	ND		9.6	3.6	ug/L		03/21/19 10:24	03/25/19 15:30	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(27)

Date Collected: 03/15/19 08:35

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/21/19 10:24	03/25/19 15:30	1
2-Nitroaniline	ND		48	5.3	ug/L		03/21/19 10:24	03/25/19 15:30	1
3-Nitroaniline	ND		48	0.64	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Nitroaniline	ND		48	0.56	ug/L		03/21/19 10:24	03/25/19 15:30	1
Nitrobenzene	ND		19	4.8	ug/L		03/21/19 10:24	03/25/19 15:30	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 15:30	1
4-Nitrophenol	ND		48	1.4	ug/L		03/21/19 10:24	03/25/19 15:30	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/21/19 10:24	03/25/19 15:30	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/21/19 10:24	03/25/19 15:30	1
Pentachlorophenol	ND		48	8.1	ug/L		03/21/19 10:24	03/25/19 15:30	1
Phenanthrene	ND		1.8	0.53	ug/L		03/21/19 10:24	03/25/19 15:30	1
Phenol	ND		9.6	4.7	ug/L		03/21/19 10:24	03/25/19 15:30	1
Pyrene	ND		1.8	0.52	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/21/19 10:24	03/25/19 15:30	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/21/19 10:24	03/25/19 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		37 - 105	03/21/19 10:24	03/25/19 15:30	1
2-Fluorophenol	63		22 - 105	03/21/19 10:24	03/25/19 15:30	1
Nitrobenzene-d5	70		38 - 105	03/21/19 10:24	03/25/19 15:30	1
Phenol-d5	69		26 - 105	03/21/19 10:24	03/25/19 15:30	1
Terphenyl-d14	78		21 - 119	03/21/19 10:24	03/25/19 15:30	1
2,4,6-Tribromophenol	81		29 - 105	03/21/19 10:24	03/25/19 15:30	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

General Chemistry

Client Sample ID: WP11(27)

Date Collected: 03/15/19 08:35

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	21		10	4.4	ug/L		03/27/19 11:53	03/27/19 16:15	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(43)

Date Collected: 03/14/19 14:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/23/19 12:59	1
Benzene	ND		1.0	0.60	ug/L			03/23/19 12:59	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/23/19 12:59	1
Bromoform	ND		1.0	0.98	ug/L			03/23/19 12:59	1
Bromomethane	ND		1.0	0.89	ug/L			03/23/19 12:59	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/23/19 12:59	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/23/19 12:59	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/23/19 12:59	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/23/19 12:59	1
Chloroethane	ND		1.0	0.90	ug/L			03/23/19 12:59	1
Chloroform	ND		1.0	0.60	ug/L			03/23/19 12:59	1
Chloromethane	ND		1.0	0.90	ug/L			03/23/19 12:59	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/23/19 12:59	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/23/19 12:59	1
Cyclohexane	ND		1.0	0.63	ug/L			03/23/19 12:59	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/23/19 12:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/23/19 12:59	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/23/19 12:59	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/23/19 12:59	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/23/19 12:59	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/23/19 12:59	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/23/19 12:59	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/23/19 12:59	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/23/19 12:59	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/23/19 12:59	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/23/19 12:59	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/23/19 12:59	1
2-Hexanone	ND		5.0	3.3	ug/L			03/23/19 12:59	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/23/19 12:59	1
Methyl acetate	ND		5.0	1.7	ug/L			03/23/19 12:59	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/23/19 12:59	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/23/19 12:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/23/19 12:59	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/23/19 12:59	1
Styrene	ND		1.0	0.47	ug/L			03/23/19 12:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/23/19 12:59	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/23/19 12:59	1
Toluene	ND		1.0	0.46	ug/L			03/23/19 12:59	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/23/19 12:59	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/23/19 12:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/23/19 12:59	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/23/19 12:59	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/23/19 12:59	1
Trichloroethene	ND		1.0	0.69	ug/L			03/23/19 12:59	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/23/19 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/23/19 12:59	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/23/19 12:59	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/23/19 12:59	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		58 - 124		03/23/19 12:59	1
Dibromofluoromethane (Surr)	109		64 - 125		03/23/19 12:59	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 127		03/23/19 12:59	1
Toluene-d8 (Surr)	104		69 - 115		03/23/19 12:59	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(43)

Date Collected: 03/14/19 14:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 15:56	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 15:56	1
Acetophenone	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 15:56	1
Anthracene	ND		1.9	0.49	ug/L		03/21/19 10:24	03/25/19 15:56	1
Atrazine	ND		10	6.3	ug/L		03/21/19 10:24	03/25/19 15:56	1
Benzaldehyde	ND		10	1.1	ug/L		03/21/19 10:24	03/25/19 15:56	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/21/19 10:24	03/25/19 15:56	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/21/19 10:24	03/25/19 15:56	1
Benzo[b]fluoranthene	1.3	J	1.9	0.97	ug/L		03/21/19 10:24	03/25/19 15:56	1
Benzo[g,h,i]perylene	0.73	J	1.9	0.69	ug/L		03/21/19 10:24	03/25/19 15:56	1
Benzo[k]fluoranthene	0.91	J	1.9	0.88	ug/L		03/21/19 10:24	03/25/19 15:56	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/21/19 10:24	03/25/19 15:56	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 15:56	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/21/19 10:24	03/25/19 15:56	1
Bis(2-ethylhexyl) phthalate	ND		100	62	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 15:56	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/21/19 10:24	03/25/19 15:56	1
Caprolactam	ND		50	4.7	ug/L		03/21/19 10:24	03/25/19 15:56	1
Carbazole	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Chloroaniline	ND		10	0.44	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 15:56	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 15:56	1
2-Chlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 15:56	1
Chrysene	ND		1.9	0.81	ug/L		03/21/19 10:24	03/25/19 15:56	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/21/19 10:24	03/25/19 15:56	1
Dibenzofuran	ND		10	0.73	ug/L		03/21/19 10:24	03/25/19 15:56	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 15:56	1
Diethyl phthalate	ND		10	5.7	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/21/19 10:24	03/25/19 15:56	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 15:56	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/21/19 10:24	03/25/19 15:56	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/21/19 10:24	03/25/19 15:56	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/21/19 10:24	03/25/19 15:56	1
Fluoranthene	ND		1.9	0.60	ug/L		03/21/19 10:24	03/25/19 15:56	1
Fluorene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 15:56	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/21/19 10:24	03/25/19 15:56	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 15:56	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/21/19 10:24	03/25/19 15:56	1
Hexachloroethane	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 15:56	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/21/19 10:24	03/25/19 15:56	1
Isophorone	ND		10	0.54	ug/L		03/21/19 10:24	03/25/19 15:56	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/21/19 10:24	03/25/19 15:56	1
2-Methylphenol	ND		10	3.0	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Methylphenol	ND		10	3.7	ug/L		03/21/19 10:24	03/25/19 15:56	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(43)

Date Collected: 03/14/19 14:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 15:56	1
2-Nitroaniline	ND		50	5.5	ug/L		03/21/19 10:24	03/25/19 15:56	1
3-Nitroaniline	ND		50	0.67	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Nitroaniline	ND		50	0.58	ug/L		03/21/19 10:24	03/25/19 15:56	1
Nitrobenzene	ND		20	5.0	ug/L		03/21/19 10:24	03/25/19 15:56	1
2-Nitrophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 15:56	1
4-Nitrophenol	ND		50	1.4	ug/L		03/21/19 10:24	03/25/19 15:56	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/21/19 10:24	03/25/19 15:56	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/21/19 10:24	03/25/19 15:56	1
Pentachlorophenol	ND		50	8.5	ug/L		03/21/19 10:24	03/25/19 15:56	1
Phenanthrene	ND		1.9	0.55	ug/L		03/21/19 10:24	03/25/19 15:56	1
Phenol	ND		10	4.9	ug/L		03/21/19 10:24	03/25/19 15:56	1
Pyrene	ND		1.9	0.54	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 15:56	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/21/19 10:24	03/25/19 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		37 - 105	03/21/19 10:24	03/25/19 15:56	1
2-Fluorophenol	62		22 - 105	03/21/19 10:24	03/25/19 15:56	1
Nitrobenzene-d5	69		38 - 105	03/21/19 10:24	03/25/19 15:56	1
Phenol-d5	70		26 - 105	03/21/19 10:24	03/25/19 15:56	1
Terphenyl-d14	99		21 - 119	03/21/19 10:24	03/25/19 15:56	1
2,4,6-Tribromophenol	78		29 - 105	03/21/19 10:24	03/25/19 15:56	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(58)

Date Collected: 03/14/19 13:25

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/23/19 13:24	1
Benzene	ND		1.0	0.60	ug/L			03/23/19 13:24	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/23/19 13:24	1
Bromoform	ND		1.0	0.98	ug/L			03/23/19 13:24	1
Bromomethane	ND		1.0	0.89	ug/L			03/23/19 13:24	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/23/19 13:24	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/23/19 13:24	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/23/19 13:24	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/23/19 13:24	1
Chloroethane	ND		1.0	0.90	ug/L			03/23/19 13:24	1
Chloroform	ND		1.0	0.60	ug/L			03/23/19 13:24	1
Chloromethane	ND		1.0	0.90	ug/L			03/23/19 13:24	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/23/19 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/23/19 13:24	1
Cyclohexane	ND		1.0	0.63	ug/L			03/23/19 13:24	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/23/19 13:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/23/19 13:24	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/23/19 13:24	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/23/19 13:24	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/23/19 13:24	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/23/19 13:24	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/23/19 13:24	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/23/19 13:24	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/23/19 13:24	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/23/19 13:24	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/23/19 13:24	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/23/19 13:24	1
2-Hexanone	ND		5.0	3.3	ug/L			03/23/19 13:24	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/23/19 13:24	1
Methyl acetate	ND		5.0	1.7	ug/L			03/23/19 13:24	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/23/19 13:24	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/23/19 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/23/19 13:24	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/23/19 13:24	1
Styrene	ND		1.0	0.47	ug/L			03/23/19 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/23/19 13:24	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/23/19 13:24	1
Toluene	ND		1.0	0.46	ug/L			03/23/19 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/23/19 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/23/19 13:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/23/19 13:24	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/23/19 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/23/19 13:24	1
Trichloroethene	ND		1.0	0.69	ug/L			03/23/19 13:24	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/23/19 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/23/19 13:24	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/23/19 13:24	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/23/19 13:24	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 124		03/23/19 13:24	1
Dibromofluoromethane (Surr)	111		64 - 125		03/23/19 13:24	1
1,2-Dichloroethane-d4 (Surr)	99		65 - 127		03/23/19 13:24	1
Toluene-d8 (Surr)	104		69 - 115		03/23/19 13:24	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(58)						Lab Sample ID: 180-87774-4			
Date Collected: 03/14/19 13:25						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 16:23	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 16:23	1
Acetophenone	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 16:23	1
Anthracene	ND		1.9	0.49	ug/L		03/21/19 10:24	03/25/19 16:23	1
Atrazine	ND		10	6.3	ug/L		03/21/19 10:24	03/25/19 16:23	1
Benzaldehyde	ND		10	1.1	ug/L		03/21/19 10:24	03/25/19 16:23	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/21/19 10:24	03/25/19 16:23	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/21/19 10:24	03/25/19 16:23	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/21/19 10:24	03/25/19 16:23	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 16:23	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/21/19 10:24	03/25/19 16:23	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/21/19 10:24	03/25/19 16:23	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 16:23	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/21/19 10:24	03/25/19 16:23	1
Bis(2-ethylhexyl) phthalate	ND		100	62	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 16:23	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/21/19 10:24	03/25/19 16:23	1
Caprolactam	ND		50	4.7	ug/L		03/21/19 10:24	03/25/19 16:23	1
Carbazole	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Chloroaniline	ND		10	0.44	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 16:23	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 16:23	1
2-Chlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 16:23	1
Chrysene	ND		1.9	0.81	ug/L		03/21/19 10:24	03/25/19 16:23	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/21/19 10:24	03/25/19 16:23	1
Dibenzofuran	ND		10	0.73	ug/L		03/21/19 10:24	03/25/19 16:23	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 16:23	1
Diethyl phthalate	ND		10	5.7	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/21/19 10:24	03/25/19 16:23	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 16:23	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/21/19 10:24	03/25/19 16:23	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/21/19 10:24	03/25/19 16:23	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/21/19 10:24	03/25/19 16:23	1
Fluoranthene	ND		1.9	0.60	ug/L		03/21/19 10:24	03/25/19 16:23	1
Fluorene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 16:23	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/21/19 10:24	03/25/19 16:23	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 16:23	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/21/19 10:24	03/25/19 16:23	1
Hexachloroethane	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 16:23	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/21/19 10:24	03/25/19 16:23	1
Isophorone	ND		10	0.54	ug/L		03/21/19 10:24	03/25/19 16:23	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/21/19 10:24	03/25/19 16:23	1
2-Methylphenol	ND		10	3.0	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Methylphenol	ND		10	3.7	ug/L		03/21/19 10:24	03/25/19 16:23	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(58)

Date Collected: 03/14/19 13:25

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 16:23	1
2-Nitroaniline	ND		50	5.5	ug/L		03/21/19 10:24	03/25/19 16:23	1
3-Nitroaniline	ND		50	0.67	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Nitroaniline	ND		50	0.58	ug/L		03/21/19 10:24	03/25/19 16:23	1
Nitrobenzene	ND		20	5.0	ug/L		03/21/19 10:24	03/25/19 16:23	1
2-Nitrophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 16:23	1
4-Nitrophenol	ND		50	1.4	ug/L		03/21/19 10:24	03/25/19 16:23	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/21/19 10:24	03/25/19 16:23	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/21/19 10:24	03/25/19 16:23	1
Pentachlorophenol	ND		50	8.5	ug/L		03/21/19 10:24	03/25/19 16:23	1
Phenanthrene	ND		1.9	0.55	ug/L		03/21/19 10:24	03/25/19 16:23	1
Phenol	ND		10	4.9	ug/L		03/21/19 10:24	03/25/19 16:23	1
Pyrene	ND		1.9	0.54	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 16:23	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/21/19 10:24	03/25/19 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		37 - 105	03/21/19 10:24	03/25/19 16:23	1
2-Fluorophenol	62		22 - 105	03/21/19 10:24	03/25/19 16:23	1
Nitrobenzene-d5	66		38 - 105	03/21/19 10:24	03/25/19 16:23	1
Phenol-d5	66		26 - 105	03/21/19 10:24	03/25/19 16:23	1
Terphenyl-d14	68		21 - 119	03/21/19 10:24	03/25/19 16:23	1
2,4,6-Tribromophenol	77		29 - 105	03/21/19 10:24	03/25/19 16:23	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(73)

Date Collected: 03/14/19 12:40

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/23/19 13:48	1
Benzene	ND		1.0	0.60	ug/L			03/23/19 13:48	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/23/19 13:48	1
Bromoform	ND		1.0	0.98	ug/L			03/23/19 13:48	1
Bromomethane	ND		1.0	0.89	ug/L			03/23/19 13:48	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/23/19 13:48	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/23/19 13:48	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/23/19 13:48	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/23/19 13:48	1
Chloroethane	ND		1.0	0.90	ug/L			03/23/19 13:48	1
Chloroform	ND		1.0	0.60	ug/L			03/23/19 13:48	1
Chloromethane	ND		1.0	0.90	ug/L			03/23/19 13:48	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/23/19 13:48	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/23/19 13:48	1
Cyclohexane	ND		1.0	0.63	ug/L			03/23/19 13:48	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/23/19 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/23/19 13:48	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/23/19 13:48	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/23/19 13:48	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/23/19 13:48	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/23/19 13:48	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/23/19 13:48	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/23/19 13:48	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/23/19 13:48	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/23/19 13:48	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/23/19 13:48	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/23/19 13:48	1
2-Hexanone	ND		5.0	3.3	ug/L			03/23/19 13:48	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/23/19 13:48	1
Methyl acetate	ND		5.0	1.7	ug/L			03/23/19 13:48	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/23/19 13:48	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/23/19 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/23/19 13:48	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/23/19 13:48	1
Styrene	ND		1.0	0.47	ug/L			03/23/19 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/23/19 13:48	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/23/19 13:48	1
Toluene	ND		1.0	0.46	ug/L			03/23/19 13:48	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/23/19 13:48	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/23/19 13:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/23/19 13:48	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/23/19 13:48	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/23/19 13:48	1
Trichloroethene	ND		1.0	0.69	ug/L			03/23/19 13:48	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/23/19 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/23/19 13:48	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/23/19 13:48	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/23/19 13:48	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		58 - 124		03/23/19 13:48	1
Dibromofluoromethane (Surr)	108		64 - 125		03/23/19 13:48	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 127		03/23/19 13:48	1
Toluene-d8 (Surr)	103		69 - 115		03/23/19 13:48	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(73)

Date Collected: 03/14/19 12:40

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 16:49	1
Acenaphthylene	ND		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 16:49	1
Acetophenone	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 16:49	1
Anthracene	ND		2.0	0.51	ug/L		03/21/19 10:24	03/25/19 16:49	1
Atrazine	ND		10	6.6	ug/L		03/21/19 10:24	03/25/19 16:49	1
Benzaldehyde	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 16:49	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/21/19 10:24	03/25/19 16:49	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/21/19 10:24	03/25/19 16:49	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/21/19 10:24	03/25/19 16:49	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 16:49	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/21/19 10:24	03/25/19 16:49	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 16:49	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/21/19 10:24	03/25/19 16:49	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/21/19 10:24	03/25/19 16:49	1
Bis(2-ethylhexyl) phthalate	ND		100	65	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/21/19 10:24	03/25/19 16:49	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/21/19 10:24	03/25/19 16:49	1
Caprolactam	ND		52	4.9	ug/L		03/21/19 10:24	03/25/19 16:49	1
Carbazole	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Chloroaniline	ND		10	0.46	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 16:49	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 16:49	1
2-Chlorophenol	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 16:49	1
Chrysene	ND		2.0	0.84	ug/L		03/21/19 10:24	03/25/19 16:49	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/21/19 10:24	03/25/19 16:49	1
Dibenzofuran	ND		10	0.76	ug/L		03/21/19 10:24	03/25/19 16:49	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 16:49	1
Diethyl phthalate	ND		10	5.9	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/21/19 10:24	03/25/19 16:49	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/21/19 10:24	03/25/19 16:49	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/21/19 10:24	03/25/19 16:49	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 16:49	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/21/19 10:24	03/25/19 16:49	1
Fluoranthene	ND		2.0	0.63	ug/L		03/21/19 10:24	03/25/19 16:49	1
Fluorene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 16:49	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/21/19 10:24	03/25/19 16:49	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 16:49	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/21/19 10:24	03/25/19 16:49	1
Hexachloroethane	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 16:49	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/21/19 10:24	03/25/19 16:49	1
Isophorone	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 16:49	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/21/19 10:24	03/25/19 16:49	1
2-Methylphenol	ND		10	3.1	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Methylphenol	ND		10	3.9	ug/L		03/21/19 10:24	03/25/19 16:49	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(73)

Date Collected: 03/14/19 12:40

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 16:49	1
2-Nitroaniline	ND		52	5.7	ug/L		03/21/19 10:24	03/25/19 16:49	1
3-Nitroaniline	ND		52	0.70	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Nitroaniline	ND		52	0.60	ug/L		03/21/19 10:24	03/25/19 16:49	1
Nitrobenzene	ND		21	5.2	ug/L		03/21/19 10:24	03/25/19 16:49	1
2-Nitrophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 16:49	1
4-Nitrophenol	ND		52	1.5	ug/L		03/21/19 10:24	03/25/19 16:49	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/21/19 10:24	03/25/19 16:49	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/21/19 10:24	03/25/19 16:49	1
Pentachlorophenol	ND		52	8.8	ug/L		03/21/19 10:24	03/25/19 16:49	1
Phenanthrene	ND		2.0	0.57	ug/L		03/21/19 10:24	03/25/19 16:49	1
Phenol	ND		10	5.1	ug/L		03/21/19 10:24	03/25/19 16:49	1
Pyrene	ND		2.0	0.56	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 16:49	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/21/19 10:24	03/25/19 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		37 - 105	03/21/19 10:24	03/25/19 16:49	1
2-Fluorophenol	53		22 - 105	03/21/19 10:24	03/25/19 16:49	1
Nitrobenzene-d5	67		38 - 105	03/21/19 10:24	03/25/19 16:49	1
Phenol-d5	51		26 - 105	03/21/19 10:24	03/25/19 16:49	1
Terphenyl-d14	40		21 - 119	03/21/19 10:24	03/25/19 16:49	1
2,4,6-Tribromophenol	72		29 - 105	03/21/19 10:24	03/25/19 16:49	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(88)

Date Collected: 03/14/19 12:00

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/23/19 14:13	1
Benzene	ND		1.0	0.60	ug/L			03/23/19 14:13	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/23/19 14:13	1
Bromoform	ND		1.0	0.98	ug/L			03/23/19 14:13	1
Bromomethane	ND		1.0	0.89	ug/L			03/23/19 14:13	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/23/19 14:13	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/23/19 14:13	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/23/19 14:13	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/23/19 14:13	1
Chloroethane	ND		1.0	0.90	ug/L			03/23/19 14:13	1
Chloroform	ND		1.0	0.60	ug/L			03/23/19 14:13	1
Chloromethane	ND		1.0	0.90	ug/L			03/23/19 14:13	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/23/19 14:13	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/23/19 14:13	1
Cyclohexane	ND		1.0	0.63	ug/L			03/23/19 14:13	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/23/19 14:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/23/19 14:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/23/19 14:13	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/23/19 14:13	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/23/19 14:13	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/23/19 14:13	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/23/19 14:13	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/23/19 14:13	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/23/19 14:13	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/23/19 14:13	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/23/19 14:13	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/23/19 14:13	1
2-Hexanone	ND		5.0	3.3	ug/L			03/23/19 14:13	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/23/19 14:13	1
Methyl acetate	ND		5.0	1.7	ug/L			03/23/19 14:13	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/23/19 14:13	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/23/19 14:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/23/19 14:13	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/23/19 14:13	1
Styrene	ND		1.0	0.47	ug/L			03/23/19 14:13	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/23/19 14:13	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/23/19 14:13	1
Toluene	ND		1.0	0.46	ug/L			03/23/19 14:13	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/23/19 14:13	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/23/19 14:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/23/19 14:13	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/23/19 14:13	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/23/19 14:13	1
Trichloroethene	ND		1.0	0.69	ug/L			03/23/19 14:13	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/23/19 14:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/23/19 14:13	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/23/19 14:13	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/23/19 14:13	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	87		58 - 124		03/23/19 14:13	1
Dibromofluoromethane (Surr)	109		64 - 125		03/23/19 14:13	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 127		03/23/19 14:13	1
Toluene-d8 (Surr)	102		69 - 115		03/23/19 14:13	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(88)

Date Collected: 03/14/19 12:00

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 17:15	1
Acenaphthylene	ND		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 17:15	1
Acetophenone	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 17:15	1
Anthracene	ND		2.0	0.51	ug/L		03/21/19 10:24	03/25/19 17:15	1
Atrazine	ND		10	6.6	ug/L		03/21/19 10:24	03/25/19 17:15	1
Benzaldehyde	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 17:15	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/21/19 10:24	03/25/19 17:15	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/21/19 10:24	03/25/19 17:15	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/21/19 10:24	03/25/19 17:15	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 17:15	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/21/19 10:24	03/25/19 17:15	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 17:15	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/21/19 10:24	03/25/19 17:15	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/21/19 10:24	03/25/19 17:15	1
Bis(2-ethylhexyl) phthalate	ND		100	65	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/21/19 10:24	03/25/19 17:15	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/21/19 10:24	03/25/19 17:15	1
Caprolactam	ND		52	4.9	ug/L		03/21/19 10:24	03/25/19 17:15	1
Carbazole	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Chloroaniline	ND		10	0.46	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:15	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 17:15	1
2-Chlorophenol	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:15	1
Chrysene	ND		2.0	0.84	ug/L		03/21/19 10:24	03/25/19 17:15	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/21/19 10:24	03/25/19 17:15	1
Dibenzofuran	ND		10	0.76	ug/L		03/21/19 10:24	03/25/19 17:15	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 17:15	1
Diethyl phthalate	ND		10	5.9	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/21/19 10:24	03/25/19 17:15	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/21/19 10:24	03/25/19 17:15	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/21/19 10:24	03/25/19 17:15	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 17:15	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/21/19 10:24	03/25/19 17:15	1
Fluoranthene	ND		2.0	0.63	ug/L		03/21/19 10:24	03/25/19 17:15	1
Fluorene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 17:15	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/21/19 10:24	03/25/19 17:15	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 17:15	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/21/19 10:24	03/25/19 17:15	1
Hexachloroethane	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 17:15	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/21/19 10:24	03/25/19 17:15	1
Isophorone	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 17:15	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/21/19 10:24	03/25/19 17:15	1
2-Methylphenol	ND		10	3.1	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Methylphenol	ND		10	3.9	ug/L		03/21/19 10:24	03/25/19 17:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(88)

Date Collected: 03/14/19 12:00

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 17:15	1
2-Nitroaniline	ND		52	5.7	ug/L		03/21/19 10:24	03/25/19 17:15	1
3-Nitroaniline	ND		52	0.70	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Nitroaniline	ND		52	0.60	ug/L		03/21/19 10:24	03/25/19 17:15	1
Nitrobenzene	ND		21	5.2	ug/L		03/21/19 10:24	03/25/19 17:15	1
2-Nitrophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:15	1
4-Nitrophenol	ND		52	1.5	ug/L		03/21/19 10:24	03/25/19 17:15	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/21/19 10:24	03/25/19 17:15	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/21/19 10:24	03/25/19 17:15	1
Pentachlorophenol	ND		52	8.8	ug/L		03/21/19 10:24	03/25/19 17:15	1
Phenanthrene	ND		2.0	0.57	ug/L		03/21/19 10:24	03/25/19 17:15	1
Phenol	ND		10	5.1	ug/L		03/21/19 10:24	03/25/19 17:15	1
Pyrene	ND		2.0	0.56	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:15	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/21/19 10:24	03/25/19 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		37 - 105				03/21/19 10:24	03/25/19 17:15	1
2-Fluorophenol	57		22 - 105				03/21/19 10:24	03/25/19 17:15	1
Nitrobenzene-d5	65		38 - 105				03/21/19 10:24	03/25/19 17:15	1
Phenol-d5	58		26 - 105				03/21/19 10:24	03/25/19 17:15	1
Terphenyl-d14	47		21 - 119				03/21/19 10:24	03/25/19 17:15	1
2,4,6-Tribromophenol	69		29 - 105				03/21/19 10:24	03/25/19 17:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(104)

Date Collected: 03/14/19 11:15

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/23/19 14:39	1
Benzene	ND		1.0	0.60	ug/L			03/23/19 14:39	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/23/19 14:39	1
Bromoform	ND		1.0	0.98	ug/L			03/23/19 14:39	1
Bromomethane	ND		1.0	0.89	ug/L			03/23/19 14:39	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/23/19 14:39	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/23/19 14:39	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/23/19 14:39	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/23/19 14:39	1
Chloroethane	ND		1.0	0.90	ug/L			03/23/19 14:39	1
Chloroform	ND		1.0	0.60	ug/L			03/23/19 14:39	1
Chloromethane	ND		1.0	0.90	ug/L			03/23/19 14:39	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/23/19 14:39	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/23/19 14:39	1
Cyclohexane	ND		1.0	0.63	ug/L			03/23/19 14:39	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/23/19 14:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/23/19 14:39	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/23/19 14:39	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/23/19 14:39	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/23/19 14:39	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/23/19 14:39	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/23/19 14:39	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/23/19 14:39	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/23/19 14:39	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/23/19 14:39	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/23/19 14:39	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/23/19 14:39	1
2-Hexanone	ND		5.0	3.3	ug/L			03/23/19 14:39	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/23/19 14:39	1
Methyl acetate	ND		5.0	1.7	ug/L			03/23/19 14:39	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/23/19 14:39	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/23/19 14:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/23/19 14:39	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/23/19 14:39	1
Styrene	ND		1.0	0.47	ug/L			03/23/19 14:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/23/19 14:39	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/23/19 14:39	1
Toluene	0.65	J	1.0	0.46	ug/L			03/23/19 14:39	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/23/19 14:39	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/23/19 14:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/23/19 14:39	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/23/19 14:39	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/23/19 14:39	1
Trichloroethene	ND		1.0	0.69	ug/L			03/23/19 14:39	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/23/19 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/23/19 14:39	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/23/19 14:39	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/23/19 14:39	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	93		58 - 124		03/23/19 14:39	1
Dibromofluoromethane (Surr)	113		64 - 125		03/23/19 14:39	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 127		03/23/19 14:39	1
Toluene-d8 (Surr)	104		69 - 115		03/23/19 14:39	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(104)						Lab Sample ID: 180-87774-7			
Date Collected: 03/14/19 11:15						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/21/19 10:24	03/25/19 17:41	1
Acenaphthylene	0.81	J	2.0	0.68	ug/L		03/21/19 10:24	03/25/19 17:41	1
Acetophenone	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 17:41	1
Anthracene	ND		2.0	0.51	ug/L		03/21/19 10:24	03/25/19 17:41	1
Atrazine	ND		10	6.6	ug/L		03/21/19 10:24	03/25/19 17:41	1
Benzaldehyde	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 17:41	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/21/19 10:24	03/25/19 17:41	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/21/19 10:24	03/25/19 17:41	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/21/19 10:24	03/25/19 17:41	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 17:41	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/21/19 10:24	03/25/19 17:41	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 17:41	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/21/19 10:24	03/25/19 17:41	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/21/19 10:24	03/25/19 17:41	1
Bis(2-ethylhexyl) phthalate	ND		100	65	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/21/19 10:24	03/25/19 17:41	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/21/19 10:24	03/25/19 17:41	1
Caprolactam	ND		52	4.9	ug/L		03/21/19 10:24	03/25/19 17:41	1
Carbazole	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Chloroaniline	ND		10	0.46	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:41	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 17:41	1
2-Chlorophenol	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:41	1
Chrysene	ND		2.0	0.84	ug/L		03/21/19 10:24	03/25/19 17:41	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/21/19 10:24	03/25/19 17:41	1
Dibenzofuran	ND		10	0.76	ug/L		03/21/19 10:24	03/25/19 17:41	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/21/19 10:24	03/25/19 17:41	1
Diethyl phthalate	ND		10	5.9	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/21/19 10:24	03/25/19 17:41	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/21/19 10:24	03/25/19 17:41	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/21/19 10:24	03/25/19 17:41	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 17:41	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/21/19 10:24	03/25/19 17:41	1
Fluoranthene	ND		2.0	0.63	ug/L		03/21/19 10:24	03/25/19 17:41	1
Fluorene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 17:41	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/21/19 10:24	03/25/19 17:41	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/21/19 10:24	03/25/19 17:41	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/21/19 10:24	03/25/19 17:41	1
Hexachloroethane	ND		10	0.65	ug/L		03/21/19 10:24	03/25/19 17:41	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/21/19 10:24	03/25/19 17:41	1
Isophorone	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 17:41	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/21/19 10:24	03/25/19 17:41	1
2-Methylphenol	ND		10	3.1	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Methylphenol	ND		10	3.9	ug/L		03/21/19 10:24	03/25/19 17:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP11(104)						Lab Sample ID: 180-87774-7			
Date Collected: 03/14/19 11:15						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	7.1		2.0	0.61	ug/L		03/21/19 10:24	03/25/19 17:41	1
2-Nitroaniline	ND		52	5.7	ug/L		03/21/19 10:24	03/25/19 17:41	1
3-Nitroaniline	ND		52	0.70	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Nitroaniline	ND		52	0.60	ug/L		03/21/19 10:24	03/25/19 17:41	1
Nitrobenzene	ND		21	5.2	ug/L		03/21/19 10:24	03/25/19 17:41	1
2-Nitrophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:41	1
4-Nitrophenol	ND		52	1.5	ug/L		03/21/19 10:24	03/25/19 17:41	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/21/19 10:24	03/25/19 17:41	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/21/19 10:24	03/25/19 17:41	1
Pentachlorophenol	ND		52	8.8	ug/L		03/21/19 10:24	03/25/19 17:41	1
Phenanthrene	ND		2.0	0.57	ug/L		03/21/19 10:24	03/25/19 17:41	1
Phenol	ND		10	5.1	ug/L		03/21/19 10:24	03/25/19 17:41	1
Pyrene	ND		2.0	0.56	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 17:41	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/21/19 10:24	03/25/19 17:41	1
Surrogate	%Recovery	Qualifier	Limits						
2-Fluorobiphenyl	60		37 - 105				03/21/19 10:24	03/25/19 17:41	1
2-Fluorophenol	48		22 - 105				03/21/19 10:24	03/25/19 17:41	1
Nitrobenzene-d5	60		38 - 105				03/21/19 10:24	03/25/19 17:41	1
Phenol-d5	46		26 - 105				03/21/19 10:24	03/25/19 17:41	1
Terphenyl-d14	38		21 - 119				03/21/19 10:24	03/25/19 17:41	1
2,4,6-Tribromophenol	67		29 - 105				03/21/19 10:24	03/25/19 17:41	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(12)

Date Collected: 03/12/19 10:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 16:26	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 16:26	1
Bromodichloromethane	ND	*	1.0	0.64	ug/L			03/16/19 16:26	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 16:26	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 16:26	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 16:26	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 16:26	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 16:26	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 16:26	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 16:26	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 16:26	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 16:26	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 16:26	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 16:26	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 16:26	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 16:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 16:26	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 16:26	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 16:26	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 16:26	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 16:26	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 16:26	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 16:26	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 16:26	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 16:26	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 16:26	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 16:26	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 16:26	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 16:26	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 16:26	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 16:26	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 16:26	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 16:26	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 16:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 16:26	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 16:26	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 16:26	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 16:26	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 16:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 16:26	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 16:26	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 16:26	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 16:26	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 16:26	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 16:26	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 16:26	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		58 - 124		03/16/19 16:26	1
Dibromofluoromethane (Surr)	119		64 - 125		03/16/19 16:26	1
1,2-Dichloroethane-d4 (Surr)	118		65 - 127		03/16/19 16:26	1
Toluene-d8 (Surr)	102		69 - 115		03/16/19 16:26	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(12)

Date Collected: 03/12/19 10:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10		1.9	0.65	ug/L		03/18/19 14:30	03/21/19 21:15	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/18/19 14:30	03/21/19 21:15	1
Acetophenone	ND		10	0.62	ug/L		03/18/19 14:30	03/21/19 21:15	1
Anthracene	ND		1.9	0.49	ug/L		03/18/19 14:30	03/21/19 21:15	1
Atrazine	ND		10	1.8	ug/L		03/18/19 14:30	03/21/19 21:15	1
Benzaldehyde	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 21:15	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/18/19 14:30	03/21/19 21:15	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/18/19 14:30	03/21/19 21:15	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/18/19 14:30	03/21/19 21:15	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 21:15	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/18/19 14:30	03/21/19 21:15	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/18/19 14:30	03/21/19 21:15	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/18/19 14:30	03/21/19 21:15	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/18/19 14:30	03/21/19 21:15	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/18/19 14:30	03/21/19 21:15	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/18/19 14:30	03/21/19 21:15	1
Caprolactam	ND		50	4.7	ug/L		03/18/19 14:30	03/21/19 21:15	1
Carbazole	ND		1.9	0.51	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Chloroaniline	ND		10	0.44	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:15	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/18/19 14:30	03/21/19 21:15	1
2-Chlorophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:15	1
Chrysene	ND		1.9	0.81	ug/L		03/18/19 14:30	03/21/19 21:15	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/18/19 14:30	03/21/19 21:15	1
Dibenzofuran	ND		10	0.73	ug/L		03/18/19 14:30	03/21/19 21:15	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/18/19 14:30	03/21/19 21:15	1
Diethyl phthalate	ND		10	5.7	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/18/19 14:30	03/21/19 21:15	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/18/19 14:30	03/21/19 21:15	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/18/19 14:30	03/21/19 21:15	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/18/19 14:30	03/21/19 21:15	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/18/19 14:30	03/21/19 21:15	1
Fluoranthene	ND		1.9	0.60	ug/L		03/18/19 14:30	03/21/19 21:15	1
Fluorene	1.6	J	1.9	0.69	ug/L		03/18/19 14:30	03/21/19 21:15	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/18/19 14:30	03/21/19 21:15	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/18/19 14:30	03/21/19 21:15	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/18/19 14:30	03/21/19 21:15	1
Hexachloroethane	ND		10	0.62	ug/L		03/18/19 14:30	03/21/19 21:15	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/18/19 14:30	03/21/19 21:15	1
Isophorone	ND		10	0.54	ug/L		03/18/19 14:30	03/21/19 21:15	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/18/19 14:30	03/21/19 21:15	1
2-Methylphenol	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Methylphenol	ND		10	4.2	ug/L		03/18/19 14:30	03/21/19 21:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(12)

Date Collected: 03/12/19 10:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/18/19 14:30	03/21/19 21:15	1
2-Nitroaniline	ND		50	2.1	ug/L		03/18/19 14:30	03/21/19 21:15	1
3-Nitroaniline	ND		50	0.67	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Nitroaniline	ND		50	0.58	ug/L		03/18/19 14:30	03/21/19 21:15	1
Nitrobenzene	ND		20	1.7	ug/L		03/18/19 14:30	03/21/19 21:15	1
2-Nitrophenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:15	1
4-Nitrophenol	ND		50	1.4	ug/L		03/18/19 14:30	03/21/19 21:15	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/18/19 14:30	03/21/19 21:15	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/18/19 14:30	03/21/19 21:15	1
Pentachlorophenol	ND		50	2.4	ug/L		03/18/19 14:30	03/21/19 21:15	1
Phenanthrene	ND		1.9	0.55	ug/L		03/18/19 14:30	03/21/19 21:15	1
Phenol	ND		10	0.98	ug/L		03/18/19 14:30	03/21/19 21:15	1
Pyrene	ND		1.9	0.54	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 21:15	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/18/19 14:30	03/21/19 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		37 - 105				03/18/19 14:30	03/21/19 21:15	1
2-Fluorophenol	66		22 - 105				03/18/19 14:30	03/21/19 21:15	1
Nitrobenzene-d5	76		38 - 105				03/18/19 14:30	03/21/19 21:15	1
Phenol-d5	71		26 - 105				03/18/19 14:30	03/21/19 21:15	1
Terphenyl-d14	37		21 - 119				03/18/19 14:30	03/21/19 21:15	1
2,4,6-Tribromophenol	79		29 - 105				03/18/19 14:30	03/21/19 21:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

General Chemistry

Client Sample ID: WP12(12)

Date Collected: 03/12/19 10:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	96		10	4.4	ug/L		03/20/19 12:05	03/21/19 09:57	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(34)

Date Collected: 03/12/19 09:15

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 16:50	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 16:50	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 16:50	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 16:50	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 16:50	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 16:50	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 16:50	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 16:50	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 16:50	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 16:50	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 16:50	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 16:50	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 16:50	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 16:50	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 16:50	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 16:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 16:50	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 16:50	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 16:50	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 16:50	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 16:50	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 16:50	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 16:50	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 16:50	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 16:50	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 16:50	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 16:50	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 16:50	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 16:50	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 16:50	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 16:50	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 16:50	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 16:50	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 16:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 16:50	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 16:50	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 16:50	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 16:50	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 16:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 16:50	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 16:50	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 16:50	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 16:50	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 16:50	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 16:50	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 16:50	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		58 - 124		03/16/19 16:50	1
Dibromofluoromethane (Surr)	115		64 - 125		03/16/19 16:50	1
1,2-Dichloroethane-d4 (Surr)	120		65 - 127		03/16/19 16:50	1
Toluene-d8 (Surr)	97		69 - 115		03/16/19 16:50	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(34)

Date Collected: 03/12/19 09:15

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 21:42	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/18/19 14:30	03/21/19 21:42	1
Acetophenone	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 21:42	1
Anthracene	ND		1.8	0.47	ug/L		03/18/19 14:30	03/21/19 21:42	1
Atrazine	ND		9.6	1.8	ug/L		03/18/19 14:30	03/21/19 21:42	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 21:42	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/18/19 14:30	03/21/19 21:42	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/18/19 14:30	03/21/19 21:42	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/18/19 14:30	03/21/19 21:42	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 21:42	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/18/19 14:30	03/21/19 21:42	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/18/19 14:30	03/21/19 21:42	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/18/19 14:30	03/21/19 21:42	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/18/19 14:30	03/21/19 21:42	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/18/19 14:30	03/21/19 21:42	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/18/19 14:30	03/21/19 21:42	1
Caprolactam	ND		48	4.5	ug/L		03/18/19 14:30	03/21/19 21:42	1
Carbazole	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:42	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 21:42	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:42	1
Chrysene	ND		1.8	0.78	ug/L		03/18/19 14:30	03/21/19 21:42	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/18/19 14:30	03/21/19 21:42	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/18/19 14:30	03/21/19 21:42	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/18/19 14:30	03/21/19 21:42	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/18/19 14:30	03/21/19 21:42	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/18/19 14:30	03/21/19 21:42	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/18/19 14:30	03/21/19 21:42	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/18/19 14:30	03/21/19 21:42	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/18/19 14:30	03/21/19 21:42	1
Fluoranthene	ND		1.8	0.58	ug/L		03/18/19 14:30	03/21/19 21:42	1
Fluorene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 21:42	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/18/19 14:30	03/21/19 21:42	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/18/19 14:30	03/21/19 21:42	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/18/19 14:30	03/21/19 21:42	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/18/19 14:30	03/21/19 21:42	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/18/19 14:30	03/21/19 21:42	1
Isophorone	ND		9.6	0.52	ug/L		03/18/19 14:30	03/21/19 21:42	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/18/19 14:30	03/21/19 21:42	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/18/19 14:30	03/21/19 21:42	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(34)

Date Collected: 03/12/19 09:15

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	13		1.8	0.57	ug/L		03/18/19 14:30	03/21/19 21:42	1
2-Nitroaniline	ND		48	2.0	ug/L		03/18/19 14:30	03/21/19 21:42	1
3-Nitroaniline	ND		48	0.64	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Nitroaniline	ND		48	0.56	ug/L		03/18/19 14:30	03/21/19 21:42	1
Nitrobenzene	ND		19	1.6	ug/L		03/18/19 14:30	03/21/19 21:42	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:42	1
4-Nitrophenol	ND		48	1.4	ug/L		03/18/19 14:30	03/21/19 21:42	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/18/19 14:30	03/21/19 21:42	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/18/19 14:30	03/21/19 21:42	1
Pentachlorophenol	ND		48	2.3	ug/L		03/18/19 14:30	03/21/19 21:42	1
Phenanthrene	ND		1.8	0.53	ug/L		03/18/19 14:30	03/21/19 21:42	1
Phenol	ND		9.6	0.94	ug/L		03/18/19 14:30	03/21/19 21:42	1
Pyrene	ND		1.8	0.52	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/18/19 14:30	03/21/19 21:42	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/18/19 14:30	03/21/19 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		37 - 105				03/18/19 14:30	03/21/19 21:42	1
2-Fluorophenol	62		22 - 105				03/18/19 14:30	03/21/19 21:42	1
Nitrobenzene-d5	70		38 - 105				03/18/19 14:30	03/21/19 21:42	1
Phenol-d5	67		26 - 105				03/18/19 14:30	03/21/19 21:42	1
Terphenyl-d14	61		21 - 119				03/18/19 14:30	03/21/19 21:42	1
2,4,6-Tribromophenol	73		29 - 105				03/18/19 14:30	03/21/19 21:42	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

General Chemistry

Client Sample ID: WP12(34)

Date Collected: 03/12/19 09:15

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	61		10	4.4	ug/L		03/20/19 12:05	03/21/19 10:02	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(54)

Date Collected: 03/12/19 08:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 17:14	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 17:14	1
Bromodichloromethane	ND	*	1.0	0.64	ug/L			03/16/19 17:14	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 17:14	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 17:14	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 17:14	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 17:14	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 17:14	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 17:14	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 17:14	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 17:14	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 17:14	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 17:14	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 17:14	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 17:14	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 17:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 17:14	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 17:14	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 17:14	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 17:14	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 17:14	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 17:14	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 17:14	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 17:14	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 17:14	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 17:14	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 17:14	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 17:14	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 17:14	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 17:14	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 17:14	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 17:14	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 17:14	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 17:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 17:14	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 17:14	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 17:14	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 17:14	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 17:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 17:14	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 17:14	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 17:14	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 17:14	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 17:14	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 17:14	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 17:14	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		58 - 124		03/16/19 17:14	1
Dibromofluoromethane (Surr)	122		64 - 125		03/16/19 17:14	1
1,2-Dichloroethane-d4 (Surr)	117		65 - 127		03/16/19 17:14	1
Toluene-d8 (Surr)	101		69 - 115		03/16/19 17:14	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(74)					Lab Sample ID: 180-87602-4				
Date Collected: 03/11/19 14:45					Matrix: Water				
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 17:38	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 17:38	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 17:38	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 17:38	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 17:38	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 17:38	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 17:38	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 17:38	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 17:38	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 17:38	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 17:38	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 17:38	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 17:38	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 17:38	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 17:38	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 17:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 17:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 17:38	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 17:38	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 17:38	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 17:38	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 17:38	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 17:38	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 17:38	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 17:38	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 17:38	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 17:38	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 17:38	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 17:38	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 17:38	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 17:38	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 17:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 17:38	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 17:38	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 17:38	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 17:38	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 17:38	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 17:38	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 17:38	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 17:38	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 17:38	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 17:38	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 17:38	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		58 - 124		03/16/19 17:38	1
Dibromofluoromethane (Surr)	131	X	64 - 125		03/16/19 17:38	1
1,2-Dichloroethane-d4 (Surr)	132	X	65 - 127		03/16/19 17:38	1
Toluene-d8 (Surr)	101		69 - 115		03/16/19 17:38	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(54)						Lab Sample ID: 180-87602-3			
Date Collected: 03/12/19 08:35						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/18/19 14:30	03/21/19 22:08	1
Acenaphthylene	ND		2.0	0.68	ug/L		03/18/19 14:30	03/21/19 22:08	1
Acetophenone	ND		10	0.65	ug/L		03/18/19 14:30	03/21/19 22:08	1
Anthracene	ND		2.0	0.51	ug/L		03/18/19 14:30	03/21/19 22:08	1
Atrazine	ND		10	1.9	ug/L		03/18/19 14:30	03/21/19 22:08	1
Benzaldehyde	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 22:08	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/18/19 14:30	03/21/19 22:08	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/18/19 14:30	03/21/19 22:08	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/18/19 14:30	03/21/19 22:08	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/18/19 14:30	03/21/19 22:08	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/18/19 14:30	03/21/19 22:08	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/18/19 14:30	03/21/19 22:08	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/18/19 14:30	03/21/19 22:08	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/18/19 14:30	03/21/19 22:08	1
Bis(2-ethylhexyl) phthalate	ND		100	48	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/18/19 14:30	03/21/19 22:08	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/18/19 14:30	03/21/19 22:08	1
Caprolactam	ND		52	4.9	ug/L		03/18/19 14:30	03/21/19 22:08	1
Carbazole	ND		2.0	0.53	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Chloroaniline	ND		10	0.46	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 22:08	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/18/19 14:30	03/21/19 22:08	1
2-Chlorophenol	ND		10	0.67	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 22:08	1
Chrysene	ND		2.0	0.84	ug/L		03/18/19 14:30	03/21/19 22:08	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/18/19 14:30	03/21/19 22:08	1
Dibenzofuran	ND		10	0.76	ug/L		03/18/19 14:30	03/21/19 22:08	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/18/19 14:30	03/21/19 22:08	1
Diethyl phthalate	ND		10	5.9	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/18/19 14:30	03/21/19 22:08	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/18/19 14:30	03/21/19 22:08	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/18/19 14:30	03/21/19 22:08	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/18/19 14:30	03/21/19 22:08	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/18/19 14:30	03/21/19 22:08	1
Fluoranthene	ND		2.0	0.63	ug/L		03/18/19 14:30	03/21/19 22:08	1
Fluorene	ND		2.0	0.72	ug/L		03/18/19 14:30	03/21/19 22:08	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/18/19 14:30	03/21/19 22:08	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/18/19 14:30	03/21/19 22:08	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/18/19 14:30	03/21/19 22:08	1
Hexachloroethane	ND		10	0.65	ug/L		03/18/19 14:30	03/21/19 22:08	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/18/19 14:30	03/21/19 22:08	1
Isophorone	ND		10	0.56	ug/L		03/18/19 14:30	03/21/19 22:08	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/18/19 14:30	03/21/19 22:08	1
2-Methylphenol	ND		10	1.1	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Methylphenol	ND		10	4.4	ug/L		03/18/19 14:30	03/21/19 22:08	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(54)

Date Collected: 03/12/19 08:35

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/18/19 14:30	03/21/19 22:08	1
2-Nitroaniline	ND		52	2.2	ug/L		03/18/19 14:30	03/21/19 22:08	1
3-Nitroaniline	ND		52	0.70	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Nitroaniline	ND		52	0.60	ug/L		03/18/19 14:30	03/21/19 22:08	1
Nitrobenzene	ND		21	1.7	ug/L		03/18/19 14:30	03/21/19 22:08	1
2-Nitrophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 22:08	1
4-Nitrophenol	ND		52	1.5	ug/L		03/18/19 14:30	03/21/19 22:08	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/18/19 14:30	03/21/19 22:08	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/18/19 14:30	03/21/19 22:08	1
Pentachlorophenol	ND		52	2.5	ug/L		03/18/19 14:30	03/21/19 22:08	1
Phenanthrene	ND		2.0	0.57	ug/L		03/18/19 14:30	03/21/19 22:08	1
Phenol	ND		10	1.0	ug/L		03/18/19 14:30	03/21/19 22:08	1
Pyrene	ND		2.0	0.56	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/18/19 14:30	03/21/19 22:08	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/18/19 14:30	03/21/19 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	42		37 - 105	03/18/19 14:30	03/21/19 22:08	1
2-Fluorophenol	44		22 - 105	03/18/19 14:30	03/21/19 22:08	1
Nitrobenzene-d5	49		38 - 105	03/18/19 14:30	03/21/19 22:08	1
Phenol-d5	50		26 - 105	03/18/19 14:30	03/21/19 22:08	1
Terphenyl-d14	64		21 - 119	03/18/19 14:30	03/21/19 22:08	1
2,4,6-Tribromophenol	52		29 - 105	03/18/19 14:30	03/21/19 22:08	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(74)						Lab Sample ID: 180-87602-4			
Date Collected: 03/11/19 14:45						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 17:38	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 17:38	1
Bromodichloromethane	ND	*	1.0	0.64	ug/L			03/16/19 17:38	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 17:38	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 17:38	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 17:38	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 17:38	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 17:38	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 17:38	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 17:38	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 17:38	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 17:38	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 17:38	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 17:38	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 17:38	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 17:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 17:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 17:38	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 17:38	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 17:38	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 17:38	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 17:38	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 17:38	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 17:38	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 17:38	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 17:38	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 17:38	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 17:38	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 17:38	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 17:38	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 17:38	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 17:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 17:38	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 17:38	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 17:38	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 17:38	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 17:38	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 17:38	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 17:38	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 17:38	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 17:38	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 17:38	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 17:38	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		58 - 124		03/16/19 17:38	1
Dibromofluoromethane (Surr)	131	X	64 - 125		03/16/19 17:38	1
1,2-Dichloroethane-d4 (Surr)	132	X	65 - 127		03/16/19 17:38	1
Toluene-d8 (Surr)	101		69 - 115		03/16/19 17:38	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(74)

Date Collected: 03/11/19 14:45

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/15/19 10:30	03/22/19 15:15	1
Acenaphthylene	ND		2.0	0.68	ug/L		03/15/19 10:30	03/22/19 15:15	1
Acetophenone	ND		10	0.65	ug/L		03/15/19 10:30	03/22/19 15:15	1
Anthracene	ND		2.0	0.51	ug/L		03/15/19 10:30	03/22/19 15:15	1
Atrazine	ND		10	1.9	ug/L		03/15/19 10:30	03/22/19 15:15	1
Benzaldehyde	ND		10	1.2	ug/L		03/15/19 10:30	03/22/19 15:15	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/15/19 10:30	03/22/19 15:15	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/15/19 10:30	03/22/19 15:15	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/15/19 10:30	03/22/19 15:15	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/15/19 10:30	03/22/19 15:15	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/15/19 10:30	03/22/19 15:15	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/15/19 10:30	03/22/19 15:15	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/15/19 10:30	03/22/19 15:15	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/15/19 10:30	03/22/19 15:15	1
Bis(2-ethylhexyl) phthalate	ND		100	48	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/15/19 10:30	03/22/19 15:15	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/15/19 10:30	03/22/19 15:15	1
Caprolactam	ND		52	4.9	ug/L		03/15/19 10:30	03/22/19 15:15	1
Carbazole	ND		2.0	0.53	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Chloroaniline	ND		10	0.46	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/15/19 10:30	03/22/19 15:15	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/15/19 10:30	03/22/19 15:15	1
2-Chlorophenol	ND		10	0.67	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/15/19 10:30	03/22/19 15:15	1
Chrysene	ND		2.0	0.84	ug/L		03/15/19 10:30	03/22/19 15:15	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/15/19 10:30	03/22/19 15:15	1
Dibenzofuran	ND		10	0.76	ug/L		03/15/19 10:30	03/22/19 15:15	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/15/19 10:30	03/22/19 15:15	1
Diethyl phthalate	ND		10	5.9	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/15/19 10:30	03/22/19 15:15	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/15/19 10:30	03/22/19 15:15	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/15/19 10:30	03/22/19 15:15	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/15/19 10:30	03/22/19 15:15	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/15/19 10:30	03/22/19 15:15	1
Fluoranthene	ND		2.0	0.63	ug/L		03/15/19 10:30	03/22/19 15:15	1
Fluorene	ND		2.0	0.72	ug/L		03/15/19 10:30	03/22/19 15:15	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/15/19 10:30	03/22/19 15:15	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/15/19 10:30	03/22/19 15:15	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/15/19 10:30	03/22/19 15:15	1
Hexachloroethane	ND		10	0.65	ug/L		03/15/19 10:30	03/22/19 15:15	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/15/19 10:30	03/22/19 15:15	1
Isophorone	ND		10	0.56	ug/L		03/15/19 10:30	03/22/19 15:15	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/15/19 10:30	03/22/19 15:15	1
2-Methylphenol	ND		10	1.1	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Methylphenol	ND		10	4.4	ug/L		03/15/19 10:30	03/22/19 15:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(74)

Date Collected: 03/11/19 14:45

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/15/19 10:30	03/22/19 15:15	1
2-Nitroaniline	ND		52	2.2	ug/L		03/15/19 10:30	03/22/19 15:15	1
3-Nitroaniline	ND		52	0.70	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Nitroaniline	ND		52	0.60	ug/L		03/15/19 10:30	03/22/19 15:15	1
Nitrobenzene	ND		21	1.7	ug/L		03/15/19 10:30	03/22/19 15:15	1
2-Nitrophenol	ND		10	0.64	ug/L		03/15/19 10:30	03/22/19 15:15	1
4-Nitrophenol	ND		52	1.5	ug/L		03/15/19 10:30	03/22/19 15:15	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/15/19 10:30	03/22/19 15:15	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/15/19 10:30	03/22/19 15:15	1
Pentachlorophenol	ND		52	2.5	ug/L		03/15/19 10:30	03/22/19 15:15	1
Phenanthrene	ND		2.0	0.57	ug/L		03/15/19 10:30	03/22/19 15:15	1
Phenol	ND		10	1.0	ug/L		03/15/19 10:30	03/22/19 15:15	1
Pyrene	ND		2.0	0.56	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/15/19 10:30	03/22/19 15:15	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/15/19 10:30	03/22/19 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		37 - 105	03/15/19 10:30	03/22/19 15:15	1
2-Fluorophenol	54		22 - 105	03/15/19 10:30	03/22/19 15:15	1
Nitrobenzene-d5	66		38 - 105	03/15/19 10:30	03/22/19 15:15	1
Phenol-d5	55		26 - 105	03/15/19 10:30	03/22/19 15:15	1
Terphenyl-d14	60		21 - 119	03/15/19 10:30	03/22/19 15:15	1
2,4,6-Tribromophenol	54		29 - 105	03/15/19 10:30	03/22/19 15:15	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(94)

Date Collected: 03/11/19 14:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 18:02	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 18:02	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 18:02	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 18:02	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 18:02	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 18:02	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 18:02	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 18:02	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 18:02	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 18:02	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 18:02	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 18:02	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 18:02	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 18:02	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 18:02	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 18:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 18:02	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 18:02	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 18:02	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 18:02	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 18:02	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 18:02	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 18:02	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 18:02	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 18:02	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 18:02	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 18:02	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 18:02	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 18:02	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 18:02	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 18:02	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 18:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 18:02	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 18:02	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 18:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 18:02	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 18:02	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 18:02	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 18:02	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 18:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 18:02	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 18:02	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 18:02	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 18:02	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 18:02	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 18:02	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 18:02	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		58 - 124		03/16/19 18:02	1
Dibromofluoromethane (Surr)	123		64 - 125		03/16/19 18:02	1
1,2-Dichloroethane-d4 (Surr)	125		65 - 127		03/16/19 18:02	1
Toluene-d8 (Surr)	94		69 - 115		03/16/19 18:02	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(94)

Date Collected: 03/11/19 14:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/15/19 10:30	03/21/19 18:53	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/15/19 10:30	03/21/19 18:53	1
Acetophenone	ND		9.6	0.60	ug/L		03/15/19 10:30	03/21/19 18:53	1
Anthracene	ND		1.8	0.47	ug/L		03/15/19 10:30	03/21/19 18:53	1
Atrazine	ND		9.6	1.8	ug/L		03/15/19 10:30	03/21/19 18:53	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/15/19 10:30	03/21/19 18:53	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/15/19 10:30	03/21/19 18:53	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/15/19 10:30	03/21/19 18:53	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/15/19 10:30	03/21/19 18:53	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/15/19 10:30	03/21/19 18:53	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/15/19 10:30	03/21/19 18:53	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/15/19 10:30	03/21/19 18:53	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/15/19 10:30	03/21/19 18:53	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/15/19 10:30	03/21/19 18:53	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/15/19 10:30	03/21/19 18:53	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/15/19 10:30	03/21/19 18:53	1
Caprolactam	ND		48	4.5	ug/L		03/15/19 10:30	03/21/19 18:53	1
Carbazole	ND		1.8	0.49	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 18:53	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/15/19 10:30	03/21/19 18:53	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 18:53	1
Chrysene	ND		1.8	0.78	ug/L		03/15/19 10:30	03/21/19 18:53	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/15/19 10:30	03/21/19 18:53	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/15/19 10:30	03/21/19 18:53	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/15/19 10:30	03/21/19 18:53	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/15/19 10:30	03/21/19 18:53	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/15/19 10:30	03/21/19 18:53	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/15/19 10:30	03/21/19 18:53	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/15/19 10:30	03/21/19 18:53	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/15/19 10:30	03/21/19 18:53	1
Fluoranthene	ND		1.8	0.58	ug/L		03/15/19 10:30	03/21/19 18:53	1
Fluorene	ND		1.8	0.66	ug/L		03/15/19 10:30	03/21/19 18:53	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/15/19 10:30	03/21/19 18:53	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/15/19 10:30	03/21/19 18:53	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/15/19 10:30	03/21/19 18:53	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/15/19 10:30	03/21/19 18:53	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/15/19 10:30	03/21/19 18:53	1
Isophorone	ND		9.6	0.52	ug/L		03/15/19 10:30	03/21/19 18:53	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/15/19 10:30	03/21/19 18:53	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/15/19 10:30	03/21/19 18:53	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(94)

Date Collected: 03/11/19 14:00

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/15/19 10:30	03/21/19 18:53	1
2-Nitroaniline	ND		48	2.0	ug/L		03/15/19 10:30	03/21/19 18:53	1
3-Nitroaniline	ND		48	0.64	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Nitroaniline	ND		48	0.56	ug/L		03/15/19 10:30	03/21/19 18:53	1
Nitrobenzene	ND		19	1.6	ug/L		03/15/19 10:30	03/21/19 18:53	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 18:53	1
4-Nitrophenol	ND		48	1.4	ug/L		03/15/19 10:30	03/21/19 18:53	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/15/19 10:30	03/21/19 18:53	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/15/19 10:30	03/21/19 18:53	1
Pentachlorophenol	ND		48	2.3	ug/L		03/15/19 10:30	03/21/19 18:53	1
Phenanthrene	ND		1.8	0.53	ug/L		03/15/19 10:30	03/21/19 18:53	1
Phenol	ND		9.6	0.94	ug/L		03/15/19 10:30	03/21/19 18:53	1
Pyrene	ND		1.8	0.52	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 18:53	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/15/19 10:30	03/21/19 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		37 - 105	03/15/19 10:30	03/21/19 18:53	1
2-Fluorophenol	51		22 - 105	03/15/19 10:30	03/21/19 18:53	1
Nitrobenzene-d5	52		38 - 105	03/15/19 10:30	03/21/19 18:53	1
Phenol-d5	53		26 - 105	03/15/19 10:30	03/21/19 18:53	1
Terphenyl-d14	76		21 - 119	03/15/19 10:30	03/21/19 18:53	1
2,4,6-Tribromophenol	55		29 - 105	03/15/19 10:30	03/21/19 18:53	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(114)
Date Collected: 03/11/19 13:25
Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 18:26	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 18:26	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 18:26	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 18:26	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 18:26	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 18:26	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 18:26	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 18:26	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 18:26	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 18:26	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 18:26	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 18:26	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 18:26	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 18:26	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 18:26	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 18:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 18:26	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 18:26	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 18:26	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 18:26	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 18:26	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 18:26	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 18:26	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 18:26	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 18:26	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 18:26	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 18:26	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 18:26	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 18:26	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 18:26	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 18:26	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 18:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 18:26	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 18:26	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 18:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 18:26	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 18:26	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 18:26	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 18:26	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 18:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 18:26	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 18:26	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 18:26	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 18:26	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 18:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 18:26	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 18:26	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 18:26	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		58 - 124		03/16/19 18:26	1
Dibromofluoromethane (Surr)	130	X	64 - 125		03/16/19 18:26	1
1,2-Dichloroethane-d4 (Surr)	130	X	65 - 127		03/16/19 18:26	1
Toluene-d8 (Surr)	98		69 - 115		03/16/19 18:26	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(114)						Lab Sample ID: 180-87602-6			
Date Collected: 03/11/19 13:25						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/15/19 10:30	03/21/19 19:20	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/15/19 10:30	03/21/19 19:20	1
Acetophenone	ND		9.6	0.60	ug/L		03/15/19 10:30	03/21/19 19:20	1
Anthracene	ND		1.8	0.47	ug/L		03/15/19 10:30	03/21/19 19:20	1
Atrazine	ND		9.6	1.8	ug/L		03/15/19 10:30	03/21/19 19:20	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/15/19 10:30	03/21/19 19:20	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/15/19 10:30	03/21/19 19:20	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/15/19 10:30	03/21/19 19:20	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/15/19 10:30	03/21/19 19:20	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/15/19 10:30	03/21/19 19:20	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/15/19 10:30	03/21/19 19:20	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/15/19 10:30	03/21/19 19:20	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/15/19 10:30	03/21/19 19:20	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/15/19 10:30	03/21/19 19:20	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/15/19 10:30	03/21/19 19:20	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/15/19 10:30	03/21/19 19:20	1
Caprolactam	ND		48	4.5	ug/L		03/15/19 10:30	03/21/19 19:20	1
Carbazole	ND		1.8	0.49	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 19:20	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/15/19 10:30	03/21/19 19:20	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 19:20	1
Chrysene	ND		1.8	0.78	ug/L		03/15/19 10:30	03/21/19 19:20	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/15/19 10:30	03/21/19 19:20	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/15/19 10:30	03/21/19 19:20	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/15/19 10:30	03/21/19 19:20	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/15/19 10:30	03/21/19 19:20	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/15/19 10:30	03/21/19 19:20	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/15/19 10:30	03/21/19 19:20	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/15/19 10:30	03/21/19 19:20	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/15/19 10:30	03/21/19 19:20	1
Fluoranthene	ND		1.8	0.58	ug/L		03/15/19 10:30	03/21/19 19:20	1
Fluorene	ND		1.8	0.66	ug/L		03/15/19 10:30	03/21/19 19:20	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/15/19 10:30	03/21/19 19:20	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/15/19 10:30	03/21/19 19:20	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/15/19 10:30	03/21/19 19:20	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/15/19 10:30	03/21/19 19:20	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/15/19 10:30	03/21/19 19:20	1
Isophorone	ND		9.6	0.52	ug/L		03/15/19 10:30	03/21/19 19:20	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/15/19 10:30	03/21/19 19:20	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/15/19 10:30	03/21/19 19:20	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(114)
Date Collected: 03/11/19 13:25
Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/15/19 10:30	03/21/19 19:20	1
2-Nitroaniline	ND		48	2.0	ug/L		03/15/19 10:30	03/21/19 19:20	1
3-Nitroaniline	ND		48	0.64	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Nitroaniline	ND		48	0.56	ug/L		03/15/19 10:30	03/21/19 19:20	1
Nitrobenzene	ND		19	1.6	ug/L		03/15/19 10:30	03/21/19 19:20	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 19:20	1
4-Nitrophenol	ND		48	1.4	ug/L		03/15/19 10:30	03/21/19 19:20	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/15/19 10:30	03/21/19 19:20	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/15/19 10:30	03/21/19 19:20	1
Pentachlorophenol	ND		48	2.3	ug/L		03/15/19 10:30	03/21/19 19:20	1
Phenanthrene	ND		1.8	0.53	ug/L		03/15/19 10:30	03/21/19 19:20	1
Phenol	ND		9.6	0.94	ug/L		03/15/19 10:30	03/21/19 19:20	1
Pyrene	ND		1.8	0.52	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/15/19 10:30	03/21/19 19:20	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/15/19 10:30	03/21/19 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		37 - 105				03/15/19 10:30	03/21/19 19:20	1
2-Fluorophenol	53		22 - 105				03/15/19 10:30	03/21/19 19:20	1
Nitrobenzene-d5	55		38 - 105				03/15/19 10:30	03/21/19 19:20	1
Phenol-d5	56		26 - 105				03/15/19 10:30	03/21/19 19:20	1
Terphenyl-d14	78		21 - 119				03/15/19 10:30	03/21/19 19:20	1
2,4,6-Tribromophenol	55		29 - 105				03/15/19 10:30	03/21/19 19:20	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(134)

Date Collected: 03/11/19 12:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/16/19 18:51	1
Benzene	ND		1.0	0.60	ug/L			03/16/19 18:51	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/16/19 18:51	1
Bromoform	ND		1.0	0.98	ug/L			03/16/19 18:51	1
Bromomethane	ND		1.0	0.89	ug/L			03/16/19 18:51	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/16/19 18:51	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/16/19 18:51	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/16/19 18:51	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/16/19 18:51	1
Chloroethane	ND		1.0	0.90	ug/L			03/16/19 18:51	1
Chloroform	ND		1.0	0.60	ug/L			03/16/19 18:51	1
Chloromethane	ND		1.0	0.90	ug/L			03/16/19 18:51	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/16/19 18:51	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/16/19 18:51	1
Cyclohexane	ND		1.0	0.63	ug/L			03/16/19 18:51	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/16/19 18:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/16/19 18:51	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/16/19 18:51	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/16/19 18:51	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/16/19 18:51	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/16/19 18:51	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/16/19 18:51	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/16/19 18:51	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/16/19 18:51	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/16/19 18:51	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/16/19 18:51	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/16/19 18:51	1
2-Hexanone	ND		5.0	3.3	ug/L			03/16/19 18:51	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/16/19 18:51	1
Methyl acetate	ND		5.0	1.7	ug/L			03/16/19 18:51	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/16/19 18:51	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/16/19 18:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/16/19 18:51	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/16/19 18:51	1
Styrene	ND		1.0	0.47	ug/L			03/16/19 18:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/16/19 18:51	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/16/19 18:51	1
Toluene	ND		1.0	0.46	ug/L			03/16/19 18:51	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/16/19 18:51	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/16/19 18:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/16/19 18:51	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/16/19 18:51	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/16/19 18:51	1
Trichloroethene	ND		1.0	0.69	ug/L			03/16/19 18:51	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/16/19 18:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/16/19 18:51	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/16/19 18:51	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/16/19 18:51	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		58 - 124		03/16/19 18:51	1
Dibromofluoromethane (Surr)	133	X	64 - 125		03/16/19 18:51	1
1,2-Dichloroethane-d4 (Surr)	132	X	65 - 127		03/16/19 18:51	1
Toluene-d8 (Surr)	99		69 - 115		03/16/19 18:51	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(134)

Date Collected: 03/11/19 12:50

Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/15/19 10:30	03/21/19 19:46	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/15/19 10:30	03/21/19 19:46	1
Acetophenone	ND		10	0.62	ug/L		03/15/19 10:30	03/21/19 19:46	1
Anthracene	ND		1.9	0.49	ug/L		03/15/19 10:30	03/21/19 19:46	1
Atrazine	ND		10	1.8	ug/L		03/15/19 10:30	03/21/19 19:46	1
Benzaldehyde	ND		10	1.1	ug/L		03/15/19 10:30	03/21/19 19:46	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/15/19 10:30	03/21/19 19:46	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/15/19 10:30	03/21/19 19:46	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/15/19 10:30	03/21/19 19:46	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/15/19 10:30	03/21/19 19:46	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/15/19 10:30	03/21/19 19:46	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/15/19 10:30	03/21/19 19:46	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/15/19 10:30	03/21/19 19:46	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/15/19 10:30	03/21/19 19:46	1
Bis(2-ethylhexyl) phthalate	ND		100	46	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/15/19 10:30	03/21/19 19:46	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/15/19 10:30	03/21/19 19:46	1
Caprolactam	ND		50	4.7	ug/L		03/15/19 10:30	03/21/19 19:46	1
Carbazole	ND		1.9	0.51	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Chloroaniline	ND		10	0.44	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/15/19 10:30	03/21/19 19:46	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/15/19 10:30	03/21/19 19:46	1
2-Chlorophenol	ND		10	0.64	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/15/19 10:30	03/21/19 19:46	1
Chrysene	ND		1.9	0.81	ug/L		03/15/19 10:30	03/21/19 19:46	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/15/19 10:30	03/21/19 19:46	1
Dibenzofuran	ND		10	0.73	ug/L		03/15/19 10:30	03/21/19 19:46	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/15/19 10:30	03/21/19 19:46	1
Diethyl phthalate	ND		10	5.7	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/15/19 10:30	03/21/19 19:46	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/15/19 10:30	03/21/19 19:46	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/15/19 10:30	03/21/19 19:46	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/15/19 10:30	03/21/19 19:46	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/15/19 10:30	03/21/19 19:46	1
Fluoranthene	ND		1.9	0.60	ug/L		03/15/19 10:30	03/21/19 19:46	1
Fluorene	ND		1.9	0.69	ug/L		03/15/19 10:30	03/21/19 19:46	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/15/19 10:30	03/21/19 19:46	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/15/19 10:30	03/21/19 19:46	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/15/19 10:30	03/21/19 19:46	1
Hexachloroethane	ND		10	0.62	ug/L		03/15/19 10:30	03/21/19 19:46	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/15/19 10:30	03/21/19 19:46	1
Isophorone	ND		10	0.54	ug/L		03/15/19 10:30	03/21/19 19:46	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/15/19 10:30	03/21/19 19:46	1
2-Methylphenol	ND		10	1.1	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Methylphenol	ND		10	4.2	ug/L		03/15/19 10:30	03/21/19 19:46	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: WP12(134)
Date Collected: 03/11/19 12:50
Date Received: 03/13/19 09:30

Lab Sample ID: 180-87602-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/15/19 10:30	03/21/19 19:46	1
2-Nitroaniline	ND		50	2.1	ug/L		03/15/19 10:30	03/21/19 19:46	1
3-Nitroaniline	ND		50	0.67	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Nitroaniline	ND		50	0.58	ug/L		03/15/19 10:30	03/21/19 19:46	1
Nitrobenzene	ND		20	1.7	ug/L		03/15/19 10:30	03/21/19 19:46	1
2-Nitrophenol	ND		10	0.61	ug/L		03/15/19 10:30	03/21/19 19:46	1
4-Nitrophenol	ND		50	1.4	ug/L		03/15/19 10:30	03/21/19 19:46	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/15/19 10:30	03/21/19 19:46	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/15/19 10:30	03/21/19 19:46	1
Pentachlorophenol	ND		50	2.4	ug/L		03/15/19 10:30	03/21/19 19:46	1
Phenanthrene	ND		1.9	0.55	ug/L		03/15/19 10:30	03/21/19 19:46	1
Phenol	ND		10	0.98	ug/L		03/15/19 10:30	03/21/19 19:46	1
Pyrene	ND		1.9	0.54	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/15/19 10:30	03/21/19 19:46	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/15/19 10:30	03/21/19 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		37 - 105	03/15/19 10:30	03/21/19 19:46	1
2-Fluorophenol	53		22 - 105	03/15/19 10:30	03/21/19 19:46	1
Nitrobenzene-d5	55		38 - 105	03/15/19 10:30	03/21/19 19:46	1
Phenol-d5	54		26 - 105	03/15/19 10:30	03/21/19 19:46	1
Terphenyl-d14	82		21 - 119	03/15/19 10:30	03/21/19 19:46	1
2,4,6-Tribromophenol	63		29 - 105	03/15/19 10:30	03/21/19 19:46	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(12)

Date Collected: 03/14/19 10:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/20/19 20:13	1
Benzene	ND		1.0	0.60	ug/L			03/20/19 20:13	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/20/19 20:13	1
Bromoform	ND		1.0	0.98	ug/L			03/20/19 20:13	1
Bromomethane	ND		1.0	0.89	ug/L			03/20/19 20:13	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/20/19 20:13	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/20/19 20:13	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/20/19 20:13	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/20/19 20:13	1
Chloroethane	ND		1.0	0.90	ug/L			03/20/19 20:13	1
Chloroform	ND		1.0	0.60	ug/L			03/20/19 20:13	1
Chloromethane	ND		1.0	0.90	ug/L			03/20/19 20:13	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/20/19 20:13	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/20/19 20:13	1
Cyclohexane	ND		1.0	0.63	ug/L			03/20/19 20:13	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/20/19 20:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/20/19 20:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/20/19 20:13	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/20/19 20:13	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/20/19 20:13	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/20/19 20:13	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/20/19 20:13	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/20/19 20:13	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/20/19 20:13	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/20/19 20:13	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/20/19 20:13	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/20/19 20:13	1
2-Hexanone	ND		5.0	3.3	ug/L			03/20/19 20:13	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/20/19 20:13	1
Methyl acetate	ND		5.0	1.7	ug/L			03/20/19 20:13	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/20/19 20:13	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/20/19 20:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/20/19 20:13	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/20/19 20:13	1
Styrene	ND		1.0	0.47	ug/L			03/20/19 20:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/19 20:13	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/20/19 20:13	1
Toluene	ND		1.0	0.46	ug/L			03/20/19 20:13	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/20/19 20:13	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/20/19 20:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/20/19 20:13	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/20/19 20:13	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/20/19 20:13	1
Trichloroethene	ND		1.0	0.69	ug/L			03/20/19 20:13	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/20/19 20:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/20/19 20:13	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/20/19 20:13	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/20/19 20:13	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		58 - 124		03/20/19 20:13	1
Dibromofluoromethane (Surr)	135	X	64 - 125		03/20/19 20:13	1
1,2-Dichloroethane-d4 (Surr)	137	X	65 - 127		03/20/19 20:13	1
Toluene-d8 (Surr)	99		69 - 115		03/20/19 20:13	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(12)

Date Collected: 03/14/19 10:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.1	0.71	ug/L		03/21/19 10:24	03/25/19 18:08	1
Acenaphthylene	ND		2.1	0.71	ug/L		03/21/19 10:24	03/25/19 18:08	1
Acetophenone	ND		11	0.67	ug/L		03/21/19 10:24	03/25/19 18:08	1
Anthracene	ND		2.1	0.53	ug/L		03/21/19 10:24	03/25/19 18:08	1
Atrazine	ND		11	6.9	ug/L		03/21/19 10:24	03/25/19 18:08	1
Benzaldehyde	ND		11	1.2	ug/L		03/21/19 10:24	03/25/19 18:08	1
Benzo[a]anthracene	ND		2.1	0.82	ug/L		03/21/19 10:24	03/25/19 18:08	1
Benzo[a]pyrene	ND		2.1	0.58	ug/L		03/21/19 10:24	03/25/19 18:08	1
Benzo[b]fluoranthene	ND		2.1	1.1	ug/L		03/21/19 10:24	03/25/19 18:08	1
Benzo[g,h,i]perylene	ND		2.1	0.75	ug/L		03/21/19 10:24	03/25/19 18:08	1
Benzo[k]fluoranthene	ND		2.1	0.96	ug/L		03/21/19 10:24	03/25/19 18:08	1
1,1'-Biphenyl	ND		11	0.64	ug/L		03/21/19 10:24	03/25/19 18:08	1
Bis(2-chloroethoxy)methane	ND		11	0.73	ug/L		03/21/19 10:24	03/25/19 18:08	1
Bis(2-chloroethyl)ether	ND		2.1	0.43	ug/L		03/21/19 10:24	03/25/19 18:08	1
Bis(2-ethylhexyl) phthalate	ND		110	68	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Bromophenyl phenyl ether	ND		11	0.68	ug/L		03/21/19 10:24	03/25/19 18:08	1
Butyl benzyl phthalate	ND		11	5.0	ug/L		03/21/19 10:24	03/25/19 18:08	1
Caprolactam	ND		54	5.1	ug/L		03/21/19 10:24	03/25/19 18:08	1
Carbazole	ND		2.1	0.55	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Chloroaniline	ND		11	0.48	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Chloro-3-methylphenol	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:08	1
2-Chloronaphthalene	ND		2.1	0.64	ug/L		03/21/19 10:24	03/25/19 18:08	1
2-Chlorophenol	ND		11	0.70	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Chlorophenyl phenyl ether	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:08	1
Chrysene	ND		2.1	0.88	ug/L		03/21/19 10:24	03/25/19 18:08	1
Dibenz(a,h)anthracene	ND		2.1	0.78	ug/L		03/21/19 10:24	03/25/19 18:08	1
Dibenzofuran	ND		11	0.79	ug/L		03/21/19 10:24	03/25/19 18:08	1
3,3'-Dichlorobenzidine	ND		11	6.3	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,4-Dichlorophenol	ND		2.1	0.55	ug/L		03/21/19 10:24	03/25/19 18:08	1
Diethyl phthalate	ND		11	6.2	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,4-Dimethylphenol	ND		11	0.45	ug/L		03/21/19 10:24	03/25/19 18:08	1
Dimethyl phthalate	ND		11	0.61	ug/L		03/21/19 10:24	03/25/19 18:08	1
Di-n-butyl phthalate	ND		11	8.1	ug/L		03/21/19 10:24	03/25/19 18:08	1
4,6-Dinitro-2-methylphenol	ND		54	16	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,4-Dinitrophenol	ND		110	17	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,4-Dinitrotoluene	ND		11	0.55	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,6-Dinitrotoluene	ND		11	0.65	ug/L		03/21/19 10:24	03/25/19 18:08	1
Di-n-octyl phthalate	ND		11	7.4	ug/L		03/21/19 10:24	03/25/19 18:08	1
Fluoranthene	ND		2.1	0.65	ug/L		03/21/19 10:24	03/25/19 18:08	1
Fluorene	ND		2.1	0.75	ug/L		03/21/19 10:24	03/25/19 18:08	1
Hexachlorobenzene	ND		2.1	0.61	ug/L		03/21/19 10:24	03/25/19 18:08	1
Hexachlorobutadiene	ND		2.1	0.75	ug/L		03/21/19 10:24	03/25/19 18:08	1
Hexachlorocyclopentadiene	ND		11	5.4	ug/L		03/21/19 10:24	03/25/19 18:08	1
Hexachloroethane	ND		11	0.67	ug/L		03/21/19 10:24	03/25/19 18:08	1
Indeno[1,2,3-cd]pyrene	ND		2.1	0.92	ug/L		03/21/19 10:24	03/25/19 18:08	1
Isophorone	ND		11	0.59	ug/L		03/21/19 10:24	03/25/19 18:08	1
2-Methylnaphthalene	ND		2.1	0.67	ug/L		03/21/19 10:24	03/25/19 18:08	1
2-Methylphenol	ND		11	3.3	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Methylphenol	ND		11	4.0	ug/L		03/21/19 10:24	03/25/19 18:08	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(12)

Date Collected: 03/14/19 10:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.1	0.64	ug/L		03/21/19 10:24	03/25/19 18:08	1
2-Nitroaniline	ND		54	6.0	ug/L		03/21/19 10:24	03/25/19 18:08	1
3-Nitroaniline	ND		54	0.73	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Nitroaniline	ND		54	0.63	ug/L		03/21/19 10:24	03/25/19 18:08	1
Nitrobenzene	ND		22	5.4	ug/L		03/21/19 10:24	03/25/19 18:08	1
2-Nitrophenol	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:08	1
4-Nitrophenol	ND		54	1.5	ug/L		03/21/19 10:24	03/25/19 18:08	1
N-Nitrosodi-n-propylamine	ND		2.1	0.77	ug/L		03/21/19 10:24	03/25/19 18:08	1
N-Nitrosodiphenylamine	ND		11	1.3	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,2'-oxybis[1-chloropropane]	ND		2.1	0.63	ug/L		03/21/19 10:24	03/25/19 18:08	1
Pentachlorophenol	ND		54	9.2	ug/L		03/21/19 10:24	03/25/19 18:08	1
Phenanthrene	ND		2.1	0.60	ug/L		03/21/19 10:24	03/25/19 18:08	1
Phenol	ND		11	5.3	ug/L		03/21/19 10:24	03/25/19 18:08	1
Pyrene	ND		2.1	0.59	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,4,5-Trichlorophenol	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:08	1
2,4,6-Trichlorophenol	ND		11	0.74	ug/L		03/21/19 10:24	03/25/19 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		37 - 105	03/21/19 10:24	03/25/19 18:08	1
2-Fluorophenol	62		22 - 105	03/21/19 10:24	03/25/19 18:08	1
Nitrobenzene-d5	70		38 - 105	03/21/19 10:24	03/25/19 18:08	1
Phenol-d5	67		26 - 105	03/21/19 10:24	03/25/19 18:08	1
Terphenyl-d14	53		21 - 119	03/21/19 10:24	03/25/19 18:08	1
2,4,6-Tribromophenol	75		29 - 105	03/21/19 10:24	03/25/19 18:08	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

General Chemistry

Client Sample ID: WP13(12)

Date Collected: 03/14/19 10:10

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		10	4.4	ug/L		03/27/19 11:53	03/27/19 17:03	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(29)

Date Collected: 03/14/19 09:25

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/22/19 17:23	1
Benzene	1.1		1.0	0.60	ug/L			03/22/19 17:23	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/22/19 17:23	1
Bromoform	ND		1.0	0.98	ug/L			03/22/19 17:23	1
Bromomethane	ND		1.0	0.89	ug/L			03/22/19 17:23	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/22/19 17:23	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/22/19 17:23	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/22/19 17:23	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/22/19 17:23	1
Chloroethane	ND		1.0	0.90	ug/L			03/22/19 17:23	1
Chloroform	ND		1.0	0.60	ug/L			03/22/19 17:23	1
Chloromethane	ND		1.0	0.90	ug/L			03/22/19 17:23	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/22/19 17:23	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/22/19 17:23	1
Cyclohexane	ND		1.0	0.63	ug/L			03/22/19 17:23	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/22/19 17:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/22/19 17:23	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/22/19 17:23	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/22/19 17:23	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/22/19 17:23	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/22/19 17:23	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/22/19 17:23	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/22/19 17:23	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/22/19 17:23	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/22/19 17:23	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/22/19 17:23	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/22/19 17:23	1
2-Hexanone	ND		5.0	3.3	ug/L			03/22/19 17:23	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/22/19 17:23	1
Methyl acetate	ND	F1	5.0	1.7	ug/L			03/22/19 17:23	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/22/19 17:23	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/22/19 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/22/19 17:23	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/22/19 17:23	1
Styrene	ND		1.0	0.47	ug/L			03/22/19 17:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/22/19 17:23	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/22/19 17:23	1
Toluene	ND		1.0	0.46	ug/L			03/22/19 17:23	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/22/19 17:23	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/22/19 17:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/22/19 17:23	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/22/19 17:23	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/22/19 17:23	1
Trichloroethene	ND		1.0	0.69	ug/L			03/22/19 17:23	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/22/19 17:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/22/19 17:23	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/22/19 17:23	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/22/19 17:23	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		58 - 124		03/22/19 17:23	1
Dibromofluoromethane (Surr)	122		64 - 125		03/22/19 17:23	1
1,2-Dichloroethane-d4 (Surr)	115		65 - 127		03/22/19 17:23	1
Toluene-d8 (Surr)	102		69 - 115		03/22/19 17:23	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(29)

Date Collected: 03/14/19 09:25

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	9.2		2.1	0.71	ug/L		03/21/19 10:24	03/25/19 18:34	1
Acenaphthylene	1.1	J	2.1	0.71	ug/L		03/21/19 10:24	03/25/19 18:34	1
Acetophenone	ND		11	0.67	ug/L		03/21/19 10:24	03/25/19 18:34	1
Anthracene	ND		2.1	0.53	ug/L		03/21/19 10:24	03/25/19 18:34	1
Atrazine	ND		11	6.9	ug/L		03/21/19 10:24	03/25/19 18:34	1
Benzaldehyde	ND		11	1.2	ug/L		03/21/19 10:24	03/25/19 18:34	1
Benzo[a]anthracene	ND		2.1	0.82	ug/L		03/21/19 10:24	03/25/19 18:34	1
Benzo[a]pyrene	ND		2.1	0.58	ug/L		03/21/19 10:24	03/25/19 18:34	1
Benzo[b]fluoranthene	ND		2.1	1.1	ug/L		03/21/19 10:24	03/25/19 18:34	1
Benzo[g,h,i]perylene	ND		2.1	0.75	ug/L		03/21/19 10:24	03/25/19 18:34	1
Benzo[k]fluoranthene	ND		2.1	0.96	ug/L		03/21/19 10:24	03/25/19 18:34	1
1,1'-Biphenyl	ND		11	0.64	ug/L		03/21/19 10:24	03/25/19 18:34	1
Bis(2-chloroethoxy)methane	ND		11	0.73	ug/L		03/21/19 10:24	03/25/19 18:34	1
Bis(2-chloroethyl)ether	ND		2.1	0.43	ug/L		03/21/19 10:24	03/25/19 18:34	1
Bis(2-ethylhexyl) phthalate	ND		110	68	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Bromophenyl phenyl ether	ND		11	0.68	ug/L		03/21/19 10:24	03/25/19 18:34	1
Butyl benzyl phthalate	ND		11	5.0	ug/L		03/21/19 10:24	03/25/19 18:34	1
Caprolactam	ND		54	5.1	ug/L		03/21/19 10:24	03/25/19 18:34	1
Carbazole	ND		2.1	0.55	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Chloroaniline	ND		11	0.48	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Chloro-3-methylphenol	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:34	1
2-Chloronaphthalene	ND		2.1	0.64	ug/L		03/21/19 10:24	03/25/19 18:34	1
2-Chlorophenol	ND		11	0.70	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Chlorophenyl phenyl ether	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:34	1
Chrysene	ND		2.1	0.88	ug/L		03/21/19 10:24	03/25/19 18:34	1
Dibenz(a,h)anthracene	ND		2.1	0.78	ug/L		03/21/19 10:24	03/25/19 18:34	1
Dibenzofuran	ND		11	0.79	ug/L		03/21/19 10:24	03/25/19 18:34	1
3,3'-Dichlorobenzidine	ND		11	6.3	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,4-Dichlorophenol	ND		2.1	0.55	ug/L		03/21/19 10:24	03/25/19 18:34	1
Diethyl phthalate	ND		11	6.2	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,4-Dimethylphenol	ND		11	0.45	ug/L		03/21/19 10:24	03/25/19 18:34	1
Dimethyl phthalate	ND		11	0.61	ug/L		03/21/19 10:24	03/25/19 18:34	1
Di-n-butyl phthalate	ND		11	8.1	ug/L		03/21/19 10:24	03/25/19 18:34	1
4,6-Dinitro-2-methylphenol	ND		54	16	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,4-Dinitrophenol	ND		110	17	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,4-Dinitrotoluene	ND		11	0.55	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,6-Dinitrotoluene	ND		11	0.65	ug/L		03/21/19 10:24	03/25/19 18:34	1
Di-n-octyl phthalate	ND		11	7.4	ug/L		03/21/19 10:24	03/25/19 18:34	1
Fluoranthene	ND		2.1	0.65	ug/L		03/21/19 10:24	03/25/19 18:34	1
Fluorene	ND		2.1	0.75	ug/L		03/21/19 10:24	03/25/19 18:34	1
Hexachlorobenzene	ND		2.1	0.61	ug/L		03/21/19 10:24	03/25/19 18:34	1
Hexachlorobutadiene	ND		2.1	0.75	ug/L		03/21/19 10:24	03/25/19 18:34	1
Hexachlorocyclopentadiene	ND		11	5.4	ug/L		03/21/19 10:24	03/25/19 18:34	1
Hexachloroethane	ND		11	0.67	ug/L		03/21/19 10:24	03/25/19 18:34	1
Indeno[1,2,3-cd]pyrene	ND		2.1	0.92	ug/L		03/21/19 10:24	03/25/19 18:34	1
Isophorone	ND		11	0.59	ug/L		03/21/19 10:24	03/25/19 18:34	1
2-Methylnaphthalene	ND		2.1	0.67	ug/L		03/21/19 10:24	03/25/19 18:34	1
2-Methylphenol	ND		11	3.3	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Methylphenol	ND		11	4.0	ug/L		03/21/19 10:24	03/25/19 18:34	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(29)

Date Collected: 03/14/19 09:25

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.1	0.64	ug/L		03/21/19 10:24	03/25/19 18:34	1
2-Nitroaniline	ND		54	6.0	ug/L		03/21/19 10:24	03/25/19 18:34	1
3-Nitroaniline	ND		54	0.73	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Nitroaniline	ND		54	0.63	ug/L		03/21/19 10:24	03/25/19 18:34	1
Nitrobenzene	ND		22	5.4	ug/L		03/21/19 10:24	03/25/19 18:34	1
2-Nitrophenol	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:34	1
4-Nitrophenol	ND		54	1.5	ug/L		03/21/19 10:24	03/25/19 18:34	1
N-Nitrosodi-n-propylamine	ND		2.1	0.77	ug/L		03/21/19 10:24	03/25/19 18:34	1
N-Nitrosodiphenylamine	ND		11	1.3	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,2'-oxybis[1-chloropropane]	ND		2.1	0.63	ug/L		03/21/19 10:24	03/25/19 18:34	1
Pentachlorophenol	ND		54	9.2	ug/L		03/21/19 10:24	03/25/19 18:34	1
Phenanthrene	ND		2.1	0.60	ug/L		03/21/19 10:24	03/25/19 18:34	1
Phenol	ND		11	5.3	ug/L		03/21/19 10:24	03/25/19 18:34	1
Pyrene	ND		2.1	0.59	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,4,5-Trichlorophenol	ND		11	0.66	ug/L		03/21/19 10:24	03/25/19 18:34	1
2,4,6-Trichlorophenol	ND		11	0.74	ug/L		03/21/19 10:24	03/25/19 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		37 - 105	03/21/19 10:24	03/25/19 18:34	1
2-Fluorophenol	67		22 - 105	03/21/19 10:24	03/25/19 18:34	1
Nitrobenzene-d5	68		38 - 105	03/21/19 10:24	03/25/19 18:34	1
Phenol-d5	73		26 - 105	03/21/19 10:24	03/25/19 18:34	1
Terphenyl-d14	89		21 - 119	03/21/19 10:24	03/25/19 18:34	1
2,4,6-Tribromophenol	77		29 - 105	03/21/19 10:24	03/25/19 18:34	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

General Chemistry

Client Sample ID: WP13(29)

Date Collected: 03/14/19 09:25

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	8.8	J	10	4.4	ug/L		03/27/19 11:53	03/27/19 17:08	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(47)

Date Collected: 03/14/19 08:40

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 13:58	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 13:58	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 13:58	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 13:58	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 13:58	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 13:58	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 13:58	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 13:58	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 13:58	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 13:58	1
Chloroform	ND		1.0	0.60	ug/L			03/26/19 13:58	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 13:58	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 13:58	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 13:58	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 13:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 13:58	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/26/19 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/26/19 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/26/19 13:58	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 13:58	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 13:58	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 13:58	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 13:58	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 13:58	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 13:58	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 13:58	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 13:58	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 13:58	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 13:58	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 13:58	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 13:58	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 13:58	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 13:58	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 13:58	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 13:58	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 13:58	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 13:58	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 13:58	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 13:58	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 13:58	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 13:58	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		58 - 124		03/26/19 13:58	1
Dibromofluoromethane (Surr)	101		64 - 125		03/26/19 13:58	1
1,2-Dichloroethane-d4 (Surr)	89		65 - 127		03/26/19 13:58	1
Toluene-d8 (Surr)	103		69 - 115		03/26/19 13:58	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(47)						Lab Sample ID: 180-87774-10			
Date Collected: 03/14/19 08:40						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 19:01	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 19:01	1
Acetophenone	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 19:01	1
Anthracene	ND		1.9	0.49	ug/L		03/21/19 10:24	03/25/19 19:01	1
Atrazine	ND		10	6.3	ug/L		03/21/19 10:24	03/25/19 19:01	1
Benzaldehyde	ND		10	1.1	ug/L		03/21/19 10:24	03/25/19 19:01	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/21/19 10:24	03/25/19 19:01	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/21/19 10:24	03/25/19 19:01	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/21/19 10:24	03/25/19 19:01	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 19:01	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/21/19 10:24	03/25/19 19:01	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/21/19 10:24	03/25/19 19:01	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 19:01	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/21/19 10:24	03/25/19 19:01	1
Bis(2-ethylhexyl) phthalate	ND		100	62	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 19:01	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/21/19 10:24	03/25/19 19:01	1
Caprolactam	ND		50	4.7	ug/L		03/21/19 10:24	03/25/19 19:01	1
Carbazole	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Chloroaniline	ND		10	0.44	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:01	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 19:01	1
2-Chlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:01	1
Chrysene	ND		1.9	0.81	ug/L		03/21/19 10:24	03/25/19 19:01	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/21/19 10:24	03/25/19 19:01	1
Dibenzofuran	ND		10	0.73	ug/L		03/21/19 10:24	03/25/19 19:01	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 19:01	1
Diethyl phthalate	ND		10	5.7	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/21/19 10:24	03/25/19 19:01	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 19:01	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/21/19 10:24	03/25/19 19:01	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/21/19 10:24	03/25/19 19:01	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/21/19 10:24	03/25/19 19:01	1
Fluoranthene	ND		1.9	0.60	ug/L		03/21/19 10:24	03/25/19 19:01	1
Fluorene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 19:01	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/21/19 10:24	03/25/19 19:01	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 19:01	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/21/19 10:24	03/25/19 19:01	1
Hexachloroethane	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 19:01	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/21/19 10:24	03/25/19 19:01	1
Isophorone	ND		10	0.54	ug/L		03/21/19 10:24	03/25/19 19:01	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/21/19 10:24	03/25/19 19:01	1
2-Methylphenol	ND		10	3.0	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Methylphenol	ND		10	3.7	ug/L		03/21/19 10:24	03/25/19 19:01	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(47)

Lab Sample ID: 180-87774-10

Date Collected: 03/14/19 08:40

Matrix: Water

Date Received: 03/16/19 10:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 19:01	1
2-Nitroaniline	ND		50	5.5	ug/L		03/21/19 10:24	03/25/19 19:01	1
3-Nitroaniline	ND		50	0.67	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Nitroaniline	ND		50	0.58	ug/L		03/21/19 10:24	03/25/19 19:01	1
Nitrobenzene	ND		20	5.0	ug/L		03/21/19 10:24	03/25/19 19:01	1
2-Nitrophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:01	1
4-Nitrophenol	ND		50	1.4	ug/L		03/21/19 10:24	03/25/19 19:01	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/21/19 10:24	03/25/19 19:01	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/21/19 10:24	03/25/19 19:01	1
Pentachlorophenol	ND		50	8.5	ug/L		03/21/19 10:24	03/25/19 19:01	1
Phenanthrene	ND		1.9	0.55	ug/L		03/21/19 10:24	03/25/19 19:01	1
Phenol	ND		10	4.9	ug/L		03/21/19 10:24	03/25/19 19:01	1
Pyrene	ND		1.9	0.54	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:01	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/21/19 10:24	03/25/19 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		37 - 105				03/21/19 10:24	03/25/19 19:01	1
2-Fluorophenol	64		22 - 105				03/21/19 10:24	03/25/19 19:01	1
Nitrobenzene-d5	71		38 - 105				03/21/19 10:24	03/25/19 19:01	1
Phenol-d5	71		26 - 105				03/21/19 10:24	03/25/19 19:01	1
Terphenyl-d14	93		21 - 119				03/21/19 10:24	03/25/19 19:01	1
2,4,6-Tribromophenol	80		29 - 105				03/21/19 10:24	03/25/19 19:01	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(64)						Lab Sample ID: 180-87774-11			
Date Collected: 03/14/19 07:55						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 14:23	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 14:23	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 14:23	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 14:23	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 14:23	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 14:23	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 14:23	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 14:23	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 14:23	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 14:23	1
Chloroform	ND		1.0	0.60	ug/L			03/26/19 14:23	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 14:23	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 14:23	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 14:23	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 14:23	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 14:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 14:23	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 14:23	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/26/19 14:23	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/26/19 14:23	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/26/19 14:23	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 14:23	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 14:23	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 14:23	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 14:23	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 14:23	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 14:23	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 14:23	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 14:23	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 14:23	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 14:23	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 14:23	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 14:23	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 14:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 14:23	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 14:23	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 14:23	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 14:23	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 14:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 14:23	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 14:23	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 14:23	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 14:23	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 14:23	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 14:23	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 14:23	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		58 - 124		03/26/19 14:23	1
Dibromofluoromethane (Surr)	102		64 - 125		03/26/19 14:23	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 127		03/26/19 14:23	1
Toluene-d8 (Surr)	105		69 - 115		03/26/19 14:23	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(64)						Lab Sample ID: 180-87774-11			
Date Collected: 03/14/19 07:55						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 19:27	1
Acenaphthylene	ND		1.9	0.65	ug/L		03/21/19 10:24	03/25/19 19:27	1
Acetophenone	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 19:27	1
Anthracene	ND		1.9	0.49	ug/L		03/21/19 10:24	03/25/19 19:27	1
Atrazine	ND		10	6.3	ug/L		03/21/19 10:24	03/25/19 19:27	1
Benzaldehyde	ND		10	1.1	ug/L		03/21/19 10:24	03/25/19 19:27	1
Benzo[a]anthracene	ND		1.9	0.75	ug/L		03/21/19 10:24	03/25/19 19:27	1
Benzo[a]pyrene	ND		1.9	0.53	ug/L		03/21/19 10:24	03/25/19 19:27	1
Benzo[b]fluoranthene	ND		1.9	0.97	ug/L		03/21/19 10:24	03/25/19 19:27	1
Benzo[g,h,i]perylene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 19:27	1
Benzo[k]fluoranthene	ND		1.9	0.88	ug/L		03/21/19 10:24	03/25/19 19:27	1
1,1'-Biphenyl	ND		10	0.59	ug/L		03/21/19 10:24	03/25/19 19:27	1
Bis(2-chloroethoxy)methane	ND		10	0.67	ug/L		03/21/19 10:24	03/25/19 19:27	1
Bis(2-chloroethyl)ether	ND		1.9	0.40	ug/L		03/21/19 10:24	03/25/19 19:27	1
Bis(2-ethylhexyl) phthalate	ND		100	62	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Bromophenyl phenyl ether	ND		10	0.63	ug/L		03/21/19 10:24	03/25/19 19:27	1
Butyl benzyl phthalate	ND		10	4.6	ug/L		03/21/19 10:24	03/25/19 19:27	1
Caprolactam	ND		50	4.7	ug/L		03/21/19 10:24	03/25/19 19:27	1
Carbazole	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Chloroaniline	ND		10	0.44	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Chloro-3-methylphenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:27	1
2-Chloronaphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 19:27	1
2-Chlorophenol	ND		10	0.64	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Chlorophenyl phenyl ether	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:27	1
Chrysene	ND		1.9	0.81	ug/L		03/21/19 10:24	03/25/19 19:27	1
Dibenz(a,h)anthracene	ND		1.9	0.72	ug/L		03/21/19 10:24	03/25/19 19:27	1
Dibenzofuran	ND		10	0.73	ug/L		03/21/19 10:24	03/25/19 19:27	1
3,3'-Dichlorobenzidine	ND		10	5.8	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,4-Dichlorophenol	ND		1.9	0.51	ug/L		03/21/19 10:24	03/25/19 19:27	1
Diethyl phthalate	ND		10	5.7	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,4-Dimethylphenol	ND		10	0.41	ug/L		03/21/19 10:24	03/25/19 19:27	1
Dimethyl phthalate	ND		10	0.56	ug/L		03/21/19 10:24	03/25/19 19:27	1
Di-n-butyl phthalate	ND		10	7.4	ug/L		03/21/19 10:24	03/25/19 19:27	1
4,6-Dinitro-2-methylphenol	ND		50	15	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,4-Dinitrophenol	ND		100	15	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,4-Dinitrotoluene	ND		10	0.51	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,6-Dinitrotoluene	ND		10	0.60	ug/L		03/21/19 10:24	03/25/19 19:27	1
Di-n-octyl phthalate	ND		10	6.9	ug/L		03/21/19 10:24	03/25/19 19:27	1
Fluoranthene	ND		1.9	0.60	ug/L		03/21/19 10:24	03/25/19 19:27	1
Fluorene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 19:27	1
Hexachlorobenzene	ND		1.9	0.56	ug/L		03/21/19 10:24	03/25/19 19:27	1
Hexachlorobutadiene	ND		1.9	0.69	ug/L		03/21/19 10:24	03/25/19 19:27	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		03/21/19 10:24	03/25/19 19:27	1
Hexachloroethane	ND		10	0.62	ug/L		03/21/19 10:24	03/25/19 19:27	1
Indeno[1,2,3-cd]pyrene	ND		1.9	0.85	ug/L		03/21/19 10:24	03/25/19 19:27	1
Isophorone	ND		10	0.54	ug/L		03/21/19 10:24	03/25/19 19:27	1
2-Methylnaphthalene	ND		1.9	0.62	ug/L		03/21/19 10:24	03/25/19 19:27	1
2-Methylphenol	ND		10	3.0	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Methylphenol	ND		10	3.7	ug/L		03/21/19 10:24	03/25/19 19:27	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: WP13(64)

Date Collected: 03/14/19 07:55

Date Received: 03/16/19 10:00

Lab Sample ID: 180-87774-11

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.9	0.59	ug/L		03/21/19 10:24	03/25/19 19:27	1
2-Nitroaniline	ND		50	5.5	ug/L		03/21/19 10:24	03/25/19 19:27	1
3-Nitroaniline	ND		50	0.67	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Nitroaniline	ND		50	0.58	ug/L		03/21/19 10:24	03/25/19 19:27	1
Nitrobenzene	ND		20	5.0	ug/L		03/21/19 10:24	03/25/19 19:27	1
2-Nitrophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:27	1
4-Nitrophenol	ND		50	1.4	ug/L		03/21/19 10:24	03/25/19 19:27	1
N-Nitrosodi-n-propylamine	ND		1.9	0.71	ug/L		03/21/19 10:24	03/25/19 19:27	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,2'-oxybis[1-chloropropane]	ND		1.9	0.58	ug/L		03/21/19 10:24	03/25/19 19:27	1
Pentachlorophenol	ND		50	8.5	ug/L		03/21/19 10:24	03/25/19 19:27	1
Phenanthrene	ND		1.9	0.55	ug/L		03/21/19 10:24	03/25/19 19:27	1
Phenol	ND		10	4.9	ug/L		03/21/19 10:24	03/25/19 19:27	1
Pyrene	ND		1.9	0.54	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,4,5-Trichlorophenol	ND		10	0.61	ug/L		03/21/19 10:24	03/25/19 19:27	1
2,4,6-Trichlorophenol	ND		10	0.68	ug/L		03/21/19 10:24	03/25/19 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		37 - 105	03/21/19 10:24	03/25/19 19:27	1
2-Fluorophenol	66		22 - 105	03/21/19 10:24	03/25/19 19:27	1
Nitrobenzene-d5	75		38 - 105	03/21/19 10:24	03/25/19 19:27	1
Phenol-d5	73		26 - 105	03/21/19 10:24	03/25/19 19:27	1
Terphenyl-d14	60		21 - 119	03/21/19 10:24	03/25/19 19:27	1
2,4,6-Tribromophenol	86		29 - 105	03/21/19 10:24	03/25/19 19:27	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(82)						Lab Sample ID: 180-87657-10			
Date Collected: 03/13/19 14:50						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 17:36	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 17:36	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 17:36	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 17:36	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 17:36	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 17:36	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 17:36	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 17:36	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 17:36	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 17:36	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 17:36	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 17:36	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 17:36	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 17:36	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 17:36	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 17:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 17:36	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 17:36	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 17:36	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 17:36	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 17:36	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 17:36	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 17:36	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 17:36	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 17:36	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 17:36	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 17:36	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 17:36	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 17:36	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 17:36	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 17:36	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 17:36	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 17:36	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 17:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 17:36	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 17:36	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 17:36	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 17:36	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 17:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 17:36	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 17:36	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 17:36	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 17:36	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 17:36	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 17:36	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 17:36	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 124		03/19/19 17:36	1
Dibromofluoromethane (Surr)	100		64 - 125		03/19/19 17:36	1
1,2-Dichloroethane-d4 (Surr)	84		65 - 127		03/19/19 17:36	1
Toluene-d8 (Surr)	103		69 - 115		03/19/19 17:36	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(82)

Date Collected: 03/13/19 14:50

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.1	0.71	ug/L		03/19/19 12:59	03/22/19 20:02	1
Acenaphthylene	ND		2.1	0.71	ug/L		03/19/19 12:59	03/22/19 20:02	1
Acetophenone	ND		11	0.67	ug/L		03/19/19 12:59	03/22/19 20:02	1
Anthracene	ND		2.1	0.53	ug/L		03/19/19 12:59	03/22/19 20:02	1
Atrazine	ND		11	2.0	ug/L		03/19/19 12:59	03/22/19 20:02	1
Benzaldehyde	ND		11	1.2	ug/L		03/19/19 12:59	03/22/19 20:02	1
Benzo[a]anthracene	ND		2.1	0.82	ug/L		03/19/19 12:59	03/22/19 20:02	1
Benzo[a]pyrene	ND		2.1	0.58	ug/L		03/19/19 12:59	03/22/19 20:02	1
Benzo[b]fluoranthene	ND		2.1	1.1	ug/L		03/19/19 12:59	03/22/19 20:02	1
Benzo[g,h,i]perylene	ND		2.1	0.75	ug/L		03/19/19 12:59	03/22/19 20:02	1
Benzo[k]fluoranthene	ND		2.1	0.96	ug/L		03/19/19 12:59	03/22/19 20:02	1
1,1'-Biphenyl	ND		11	0.64	ug/L		03/19/19 12:59	03/22/19 20:02	1
Bis(2-chloroethoxy)methane	ND		11	0.73	ug/L		03/19/19 12:59	03/22/19 20:02	1
Bis(2-chloroethyl)ether	ND		2.1	0.43	ug/L		03/19/19 12:59	03/22/19 20:02	1
Bis(2-ethylhexyl) phthalate	ND		110	50	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Bromophenyl phenyl ether	ND		11	0.68	ug/L		03/19/19 12:59	03/22/19 20:02	1
Butyl benzyl phthalate	ND		11	5.0	ug/L		03/19/19 12:59	03/22/19 20:02	1
Caprolactam	ND		54	5.1	ug/L		03/19/19 12:59	03/22/19 20:02	1
Carbazole	ND		2.1	0.55	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Chloroaniline	ND		11	0.48	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Chloro-3-methylphenol	ND		11	0.66	ug/L		03/19/19 12:59	03/22/19 20:02	1
2-Chloronaphthalene	ND		2.1	0.64	ug/L		03/19/19 12:59	03/22/19 20:02	1
2-Chlorophenol	ND		11	0.70	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Chlorophenyl phenyl ether	ND		11	0.66	ug/L		03/19/19 12:59	03/22/19 20:02	1
Chrysene	ND		2.1	0.88	ug/L		03/19/19 12:59	03/22/19 20:02	1
Dibenz(a,h)anthracene	ND		2.1	0.78	ug/L		03/19/19 12:59	03/22/19 20:02	1
Dibenzofuran	ND		11	0.79	ug/L		03/19/19 12:59	03/22/19 20:02	1
3,3'-Dichlorobenzidine	ND		11	6.3	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,4-Dichlorophenol	ND		2.1	0.55	ug/L		03/19/19 12:59	03/22/19 20:02	1
Diethyl phthalate	ND		11	6.2	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,4-Dimethylphenol	ND		11	0.45	ug/L		03/19/19 12:59	03/22/19 20:02	1
Dimethyl phthalate	ND		11	0.61	ug/L		03/19/19 12:59	03/22/19 20:02	1
Di-n-butyl phthalate	ND		11	8.1	ug/L		03/19/19 12:59	03/22/19 20:02	1
4,6-Dinitro-2-methylphenol	ND		54	16	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,4-Dinitrophenol	ND		110	17	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,4-Dinitrotoluene	ND		11	0.55	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,6-Dinitrotoluene	ND		11	0.65	ug/L		03/19/19 12:59	03/22/19 20:02	1
Di-n-octyl phthalate	ND		11	7.4	ug/L		03/19/19 12:59	03/22/19 20:02	1
Fluoranthene	ND		2.1	0.65	ug/L		03/19/19 12:59	03/22/19 20:02	1
Fluorene	ND		2.1	0.75	ug/L		03/19/19 12:59	03/22/19 20:02	1
Hexachlorobenzene	ND		2.1	0.61	ug/L		03/19/19 12:59	03/22/19 20:02	1
Hexachlorobutadiene	ND		2.1	0.75	ug/L		03/19/19 12:59	03/22/19 20:02	1
Hexachlorocyclopentadiene	ND		11	5.4	ug/L		03/19/19 12:59	03/22/19 20:02	1
Hexachloroethane	ND		11	0.67	ug/L		03/19/19 12:59	03/22/19 20:02	1
Indeno[1,2,3-cd]pyrene	ND		2.1	0.92	ug/L		03/19/19 12:59	03/22/19 20:02	1
Isophorone	ND		11	0.59	ug/L		03/19/19 12:59	03/22/19 20:02	1
2-Methylnaphthalene	ND		2.1	0.67	ug/L		03/19/19 12:59	03/22/19 20:02	1
2-Methylphenol	ND		11	1.2	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Methylphenol	ND		11	4.6	ug/L		03/19/19 12:59	03/22/19 20:02	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(82)

Date Collected: 03/13/19 14:50

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.1	0.64	ug/L		03/19/19 12:59	03/22/19 20:02	1
2-Nitroaniline	ND		54	2.3	ug/L		03/19/19 12:59	03/22/19 20:02	1
3-Nitroaniline	ND		54	0.73	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Nitroaniline	ND		54	0.63	ug/L		03/19/19 12:59	03/22/19 20:02	1
Nitrobenzene	ND		22	1.8	ug/L		03/19/19 12:59	03/22/19 20:02	1
2-Nitrophenol	ND		11	0.66	ug/L		03/19/19 12:59	03/22/19 20:02	1
4-Nitrophenol	ND		54	1.5	ug/L		03/19/19 12:59	03/22/19 20:02	1
N-Nitrosodi-n-propylamine	ND		2.1	0.77	ug/L		03/19/19 12:59	03/22/19 20:02	1
N-Nitrosodiphenylamine	ND		11	1.3	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,2'-oxybis[1-chloropropane]	ND		2.1	0.63	ug/L		03/19/19 12:59	03/22/19 20:02	1
Pentachlorophenol	ND		54	2.6	ug/L		03/19/19 12:59	03/22/19 20:02	1
Phenanthrene	ND		2.1	0.60	ug/L		03/19/19 12:59	03/22/19 20:02	1
Phenol	ND		11	1.1	ug/L		03/19/19 12:59	03/22/19 20:02	1
Pyrene	ND		2.1	0.59	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,4,5-Trichlorophenol	ND		11	0.66	ug/L		03/19/19 12:59	03/22/19 20:02	1
2,4,6-Trichlorophenol	ND		11	0.74	ug/L		03/19/19 12:59	03/22/19 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	50		37 - 105	03/19/19 12:59	03/22/19 20:02	1
2-Fluorophenol	44		22 - 105	03/19/19 12:59	03/22/19 20:02	1
Nitrobenzene-d5	56		38 - 105	03/19/19 12:59	03/22/19 20:02	1
Phenol-d5	47		26 - 105	03/19/19 12:59	03/22/19 20:02	1
Terphenyl-d14	33		21 - 119	03/19/19 12:59	03/22/19 20:02	1
2,4,6-Tribromophenol	58		29 - 105	03/19/19 12:59	03/22/19 20:02	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(99)						Lab Sample ID: 180-87657-9			
Date Collected: 03/13/19 14:05						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 17:11	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 17:11	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 17:11	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 17:11	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 17:11	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 17:11	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 17:11	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 17:11	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 17:11	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 17:11	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 17:11	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 17:11	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 17:11	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 17:11	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 17:11	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 17:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 17:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 17:11	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 17:11	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 17:11	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 17:11	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 17:11	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 17:11	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 17:11	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 17:11	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 17:11	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 17:11	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 17:11	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 17:11	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 17:11	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 17:11	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 17:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 17:11	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 17:11	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 17:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 17:11	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 17:11	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 17:11	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 17:11	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 17:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 17:11	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 17:11	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 17:11	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 17:11	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 17:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 17:11	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 17:11	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 17:11	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		58 - 124		03/19/19 17:11	1
Dibromofluoromethane (Surr)	100		64 - 125		03/19/19 17:11	1
1,2-Dichloroethane-d4 (Surr)	85		65 - 127		03/19/19 17:11	1
Toluene-d8 (Surr)	106		69 - 115		03/19/19 17:11	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(99)

Date Collected: 03/13/19 14:05

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.0	0.68	ug/L		03/19/19 12:59	03/22/19 19:35	1
Acenaphthylene	ND		2.0	0.68	ug/L		03/19/19 12:59	03/22/19 19:35	1
Acetophenone	ND		10	0.65	ug/L		03/19/19 12:59	03/22/19 19:35	1
Anthracene	ND		2.0	0.51	ug/L		03/19/19 12:59	03/22/19 19:35	1
Atrazine	ND		10	1.9	ug/L		03/19/19 12:59	03/22/19 19:35	1
Benzaldehyde	ND		10	1.2	ug/L		03/19/19 12:59	03/22/19 19:35	1
Benzo[a]anthracene	ND		2.0	0.78	ug/L		03/19/19 12:59	03/22/19 19:35	1
Benzo[a]pyrene	ND		2.0	0.55	ug/L		03/19/19 12:59	03/22/19 19:35	1
Benzo[b]fluoranthene	ND		2.0	1.0	ug/L		03/19/19 12:59	03/22/19 19:35	1
Benzo[g,h,i]perylene	ND		2.0	0.72	ug/L		03/19/19 12:59	03/22/19 19:35	1
Benzo[k]fluoranthene	ND		2.0	0.92	ug/L		03/19/19 12:59	03/22/19 19:35	1
1,1'-Biphenyl	ND		10	0.61	ug/L		03/19/19 12:59	03/22/19 19:35	1
Bis(2-chloroethoxy)methane	ND		10	0.70	ug/L		03/19/19 12:59	03/22/19 19:35	1
Bis(2-chloroethyl)ether	ND		2.0	0.42	ug/L		03/19/19 12:59	03/22/19 19:35	1
Bis(2-ethylhexyl) phthalate	ND		100	48	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Bromophenyl phenyl ether	ND		10	0.66	ug/L		03/19/19 12:59	03/22/19 19:35	1
Butyl benzyl phthalate	ND		10	4.8	ug/L		03/19/19 12:59	03/22/19 19:35	1
Caprolactam	ND		52	4.9	ug/L		03/19/19 12:59	03/22/19 19:35	1
Carbazole	ND		2.0	0.53	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Chloroaniline	ND		10	0.46	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Chloro-3-methylphenol	ND		10	0.64	ug/L		03/19/19 12:59	03/22/19 19:35	1
2-Chloronaphthalene	ND		2.0	0.61	ug/L		03/19/19 12:59	03/22/19 19:35	1
2-Chlorophenol	ND		10	0.67	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Chlorophenyl phenyl ether	ND		10	0.64	ug/L		03/19/19 12:59	03/22/19 19:35	1
Chrysene	ND		2.0	0.84	ug/L		03/19/19 12:59	03/22/19 19:35	1
Dibenz(a,h)anthracene	ND		2.0	0.75	ug/L		03/19/19 12:59	03/22/19 19:35	1
Dibenzofuran	ND		10	0.76	ug/L		03/19/19 12:59	03/22/19 19:35	1
3,3'-Dichlorobenzidine	ND		10	6.1	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,4-Dichlorophenol	ND		2.0	0.53	ug/L		03/19/19 12:59	03/22/19 19:35	1
Diethyl phthalate	ND		10	5.9	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,4-Dimethylphenol	ND		10	0.43	ug/L		03/19/19 12:59	03/22/19 19:35	1
Dimethyl phthalate	ND		10	0.58	ug/L		03/19/19 12:59	03/22/19 19:35	1
Di-n-butyl phthalate	ND		10	7.7	ug/L		03/19/19 12:59	03/22/19 19:35	1
4,6-Dinitro-2-methylphenol	ND		52	15	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,4-Dinitrophenol	ND		100	16	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,4-Dinitrotoluene	ND		10	0.53	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,6-Dinitrotoluene	ND		10	0.63	ug/L		03/19/19 12:59	03/22/19 19:35	1
Di-n-octyl phthalate	ND		10	7.1	ug/L		03/19/19 12:59	03/22/19 19:35	1
Fluoranthene	ND		2.0	0.63	ug/L		03/19/19 12:59	03/22/19 19:35	1
Fluorene	ND		2.0	0.72	ug/L		03/19/19 12:59	03/22/19 19:35	1
Hexachlorobenzene	ND		2.0	0.58	ug/L		03/19/19 12:59	03/22/19 19:35	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L		03/19/19 12:59	03/22/19 19:35	1
Hexachlorocyclopentadiene	ND		10	5.2	ug/L		03/19/19 12:59	03/22/19 19:35	1
Hexachloroethane	ND		10	0.65	ug/L		03/19/19 12:59	03/22/19 19:35	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.89	ug/L		03/19/19 12:59	03/22/19 19:35	1
Isophorone	ND		10	0.56	ug/L		03/19/19 12:59	03/22/19 19:35	1
2-Methylnaphthalene	ND		2.0	0.65	ug/L		03/19/19 12:59	03/22/19 19:35	1
2-Methylphenol	ND		10	1.1	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Methylphenol	ND		10	4.4	ug/L		03/19/19 12:59	03/22/19 19:35	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(99)						Lab Sample ID: 180-87657-9			
Date Collected: 03/13/19 14:05						Matrix: Water			
Date Received: 03/14/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.0	0.61	ug/L		03/19/19 12:59	03/22/19 19:35	1
2-Nitroaniline	ND		52	2.2	ug/L		03/19/19 12:59	03/22/19 19:35	1
3-Nitroaniline	ND		52	0.70	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Nitroaniline	ND		52	0.60	ug/L		03/19/19 12:59	03/22/19 19:35	1
Nitrobenzene	ND		21	1.7	ug/L		03/19/19 12:59	03/22/19 19:35	1
2-Nitrophenol	ND		10	0.64	ug/L		03/19/19 12:59	03/22/19 19:35	1
4-Nitrophenol	ND		52	1.5	ug/L		03/19/19 12:59	03/22/19 19:35	1
N-Nitrosodi-n-propylamine	ND		2.0	0.74	ug/L		03/19/19 12:59	03/22/19 19:35	1
N-Nitrosodiphenylamine	ND		10	1.2	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,2'-oxybis[1-chloropropane]	ND		2.0	0.60	ug/L		03/19/19 12:59	03/22/19 19:35	1
Pentachlorophenol	ND		52	2.5	ug/L		03/19/19 12:59	03/22/19 19:35	1
Phenanthrene	ND		2.0	0.57	ug/L		03/19/19 12:59	03/22/19 19:35	1
Phenol	ND		10	1.0	ug/L		03/19/19 12:59	03/22/19 19:35	1
Pyrene	ND		2.0	0.56	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,4,5-Trichlorophenol	ND		10	0.64	ug/L		03/19/19 12:59	03/22/19 19:35	1
2,4,6-Trichlorophenol	ND		10	0.71	ug/L		03/19/19 12:59	03/22/19 19:35	1
Surrogate	%Recovery	Qualifier	Limits						
2-Fluorobiphenyl	50		37 - 105				03/19/19 12:59	03/22/19 19:35	1
2-Fluorophenol	48		22 - 105				03/19/19 12:59	03/22/19 19:35	1
Nitrobenzene-d5	59		38 - 105				03/19/19 12:59	03/22/19 19:35	1
Phenol-d5	51		26 - 105				03/19/19 12:59	03/22/19 19:35	1
Terphenyl-d14	42		21 - 119				03/19/19 12:59	03/22/19 19:35	1
2,4,6-Tribromophenol	50		29 - 105				03/19/19 12:59	03/22/19 19:35	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1., Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(117)

Date Collected: 03/13/19 13:30

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 16:46	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 16:46	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 16:46	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 16:46	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 16:46	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 16:46	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 16:46	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 16:46	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 16:46	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 16:46	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 16:46	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 16:46	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 16:46	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 16:46	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 16:46	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 16:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 16:46	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 16:46	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 16:46	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 16:46	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 16:46	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 16:46	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 16:46	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 16:46	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 16:46	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 16:46	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 16:46	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 16:46	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 16:46	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 16:46	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 16:46	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 16:46	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 16:46	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 16:46	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 16:46	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 16:46	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 16:46	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 16:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 16:46	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 16:46	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 16:46	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 16:46	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 16:46	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 16:46	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 16:46	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		58 - 124		03/19/19 16:46	1
Dibromofluoromethane (Surr)	104		64 - 125		03/19/19 16:46	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 127		03/19/19 16:46	1
Toluene-d8 (Surr)	107		69 - 115		03/19/19 16:46	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(117)

Date Collected: 03/13/19 13:30

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 19:09	1
Acenaphthylene	ND		1.8	0.63	ug/L		03/19/19 12:59	03/22/19 19:09	1
Acetophenone	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 19:09	1
Anthracene	ND		1.8	0.47	ug/L		03/19/19 12:59	03/22/19 19:09	1
Atrazine	ND		9.6	1.8	ug/L		03/19/19 12:59	03/22/19 19:09	1
Benzaldehyde	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 19:09	1
Benzo[a]anthracene	ND		1.8	0.72	ug/L		03/19/19 12:59	03/22/19 19:09	1
Benzo[a]pyrene	ND		1.8	0.51	ug/L		03/19/19 12:59	03/22/19 19:09	1
Benzo[b]fluoranthene	ND		1.8	0.93	ug/L		03/19/19 12:59	03/22/19 19:09	1
Benzo[g,h,i]perylene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 19:09	1
Benzo[k]fluoranthene	ND		1.8	0.85	ug/L		03/19/19 12:59	03/22/19 19:09	1
1,1'-Biphenyl	ND		9.6	0.57	ug/L		03/19/19 12:59	03/22/19 19:09	1
Bis(2-chloroethoxy)methane	ND		9.6	0.64	ug/L		03/19/19 12:59	03/22/19 19:09	1
Bis(2-chloroethyl)ether	ND		1.8	0.38	ug/L		03/19/19 12:59	03/22/19 19:09	1
Bis(2-ethylhexyl) phthalate	ND		96	44	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Bromophenyl phenyl ether	ND		9.6	0.61	ug/L		03/19/19 12:59	03/22/19 19:09	1
Butyl benzyl phthalate	ND		9.6	4.4	ug/L		03/19/19 12:59	03/22/19 19:09	1
Caprolactam	ND		48	4.5	ug/L		03/19/19 12:59	03/22/19 19:09	1
Carbazole	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Chloroaniline	ND		9.6	0.42	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Chloro-3-methylphenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 19:09	1
2-Chloronaphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 19:09	1
2-Chlorophenol	ND		9.6	0.62	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Chlorophenyl phenyl ether	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 19:09	1
Chrysene	ND		1.8	0.78	ug/L		03/19/19 12:59	03/22/19 19:09	1
Dibenz(a,h)anthracene	ND		1.8	0.69	ug/L		03/19/19 12:59	03/22/19 19:09	1
Dibenzofuran	ND		9.6	0.70	ug/L		03/19/19 12:59	03/22/19 19:09	1
3,3'-Dichlorobenzidine	ND		9.6	5.6	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,4-Dichlorophenol	ND		1.8	0.49	ug/L		03/19/19 12:59	03/22/19 19:09	1
Diethyl phthalate	ND		9.6	5.5	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,4-Dimethylphenol	ND		9.6	0.39	ug/L		03/19/19 12:59	03/22/19 19:09	1
Dimethyl phthalate	ND		9.6	0.54	ug/L		03/19/19 12:59	03/22/19 19:09	1
Di-n-butyl phthalate	ND		9.6	7.1	ug/L		03/19/19 12:59	03/22/19 19:09	1
4,6-Dinitro-2-methylphenol	ND		48	14	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,4-Dinitrophenol	ND		96	15	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,4-Dinitrotoluene	ND		9.6	0.49	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,6-Dinitrotoluene	ND		9.6	0.58	ug/L		03/19/19 12:59	03/22/19 19:09	1
Di-n-octyl phthalate	ND		9.6	6.6	ug/L		03/19/19 12:59	03/22/19 19:09	1
Fluoranthene	ND		1.8	0.58	ug/L		03/19/19 12:59	03/22/19 19:09	1
Fluorene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 19:09	1
Hexachlorobenzene	ND		1.8	0.54	ug/L		03/19/19 12:59	03/22/19 19:09	1
Hexachlorobutadiene	ND		1.8	0.66	ug/L		03/19/19 12:59	03/22/19 19:09	1
Hexachlorocyclopentadiene	ND		9.6	4.8	ug/L		03/19/19 12:59	03/22/19 19:09	1
Hexachloroethane	ND		9.6	0.60	ug/L		03/19/19 12:59	03/22/19 19:09	1
Indeno[1,2,3-cd]pyrene	ND		1.8	0.82	ug/L		03/19/19 12:59	03/22/19 19:09	1
Isophorone	ND		9.6	0.52	ug/L		03/19/19 12:59	03/22/19 19:09	1
2-Methylnaphthalene	ND		1.8	0.60	ug/L		03/19/19 12:59	03/22/19 19:09	1
2-Methylphenol	ND		9.6	1.0	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Methylphenol	ND		9.6	4.0	ug/L		03/19/19 12:59	03/22/19 19:09	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: WP13(117)
Date Collected: 03/13/19 13:30
Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		1.8	0.57	ug/L		03/19/19 12:59	03/22/19 19:09	1
2-Nitroaniline	ND		48	2.0	ug/L		03/19/19 12:59	03/22/19 19:09	1
3-Nitroaniline	ND		48	0.64	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Nitroaniline	ND		48	0.56	ug/L		03/19/19 12:59	03/22/19 19:09	1
Nitrobenzene	ND		19	1.6	ug/L		03/19/19 12:59	03/22/19 19:09	1
2-Nitrophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 19:09	1
4-Nitrophenol	ND		48	1.4	ug/L		03/19/19 12:59	03/22/19 19:09	1
N-Nitrosodi-n-propylamine	ND		1.8	0.68	ug/L		03/19/19 12:59	03/22/19 19:09	1
N-Nitrosodiphenylamine	ND		9.6	1.1	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,2'-oxybis[1-chloropropane]	ND		1.8	0.56	ug/L		03/19/19 12:59	03/22/19 19:09	1
Pentachlorophenol	ND		48	2.3	ug/L		03/19/19 12:59	03/22/19 19:09	1
Phenanthrene	ND		1.8	0.53	ug/L		03/19/19 12:59	03/22/19 19:09	1
Phenol	ND		9.6	0.94	ug/L		03/19/19 12:59	03/22/19 19:09	1
Pyrene	ND		1.8	0.52	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,4,5-Trichlorophenol	ND		9.6	0.59	ug/L		03/19/19 12:59	03/22/19 19:09	1
2,4,6-Trichlorophenol	ND		9.6	0.65	ug/L		03/19/19 12:59	03/22/19 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		37 - 105	03/19/19 12:59	03/22/19 19:09	1
2-Fluorophenol	59		22 - 105	03/19/19 12:59	03/22/19 19:09	1
Nitrobenzene-d5	70		38 - 105	03/19/19 12:59	03/22/19 19:09	1
Phenol-d5	64		26 - 105	03/19/19 12:59	03/22/19 19:09	1
Terphenyl-d14	86		21 - 119	03/19/19 12:59	03/22/19 19:09	1
2,4,6-Tribromophenol	62		29 - 105	03/19/19 12:59	03/22/19 19:09	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Client Sample ID: TRIP BLANK03152019						Lab Sample ID: 180-87774-19			
Date Collected: 03/15/19 00:00						Matrix: Water			
Date Received: 03/16/19 10:00									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/26/19 12:18	1
Benzene	ND		1.0	0.60	ug/L			03/26/19 12:18	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/26/19 12:18	1
Bromoform	ND		1.0	0.98	ug/L			03/26/19 12:18	1
Bromomethane	ND		1.0	0.89	ug/L			03/26/19 12:18	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/26/19 12:18	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/26/19 12:18	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/26/19 12:18	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/26/19 12:18	1
Chloroethane	ND		1.0	0.90	ug/L			03/26/19 12:18	1
Chloroform	ND		1.0	0.60	ug/L			03/26/19 12:18	1
Chloromethane	ND		1.0	0.90	ug/L			03/26/19 12:18	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/26/19 12:18	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/26/19 12:18	1
Cyclohexane	ND		1.0	0.63	ug/L			03/26/19 12:18	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/26/19 12:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/26/19 12:18	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/26/19 12:18	1
1,2-Dichlorobenzene	ND *		1.0	0.36	ug/L			03/26/19 12:18	1
1,3-Dichlorobenzene	ND *		1.0	0.50	ug/L			03/26/19 12:18	1
1,4-Dichlorobenzene	ND *		1.0	0.54	ug/L			03/26/19 12:18	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/26/19 12:18	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/26/19 12:18	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/26/19 12:18	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/26/19 12:18	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/26/19 12:18	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/26/19 12:18	1
2-Hexanone	ND		5.0	3.3	ug/L			03/26/19 12:18	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/26/19 12:18	1
Methyl acetate	ND		5.0	1.7	ug/L			03/26/19 12:18	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/26/19 12:18	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/26/19 12:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/26/19 12:18	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/26/19 12:18	1
Styrene	ND		1.0	0.47	ug/L			03/26/19 12:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/26/19 12:18	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/26/19 12:18	1
Toluene	ND		1.0	0.46	ug/L			03/26/19 12:18	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/26/19 12:18	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/26/19 12:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/26/19 12:18	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/26/19 12:18	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/26/19 12:18	1
Trichloroethene	ND		1.0	0.69	ug/L			03/26/19 12:18	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/26/19 12:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/26/19 12:18	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/26/19 12:18	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/26/19 12:18	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87774-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		58 - 124		03/26/19 12:18	1
Dibromofluoromethane (Surr)	110		64 - 125		03/26/19 12:18	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 127		03/26/19 12:18	1
Toluene-d8 (Surr)	115		69 - 115		03/26/19 12:18	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Client Sample ID: TRIP BLANK03132019

Date Collected: 03/13/19 00:00

Date Received: 03/14/19 09:30

Lab Sample ID: 180-87657-13

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/19/19 13:26	1
Benzene	ND		1.0	0.60	ug/L			03/19/19 13:26	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/19/19 13:26	1
Bromoform	ND		1.0	0.98	ug/L			03/19/19 13:26	1
Bromomethane	ND		1.0	0.89	ug/L			03/19/19 13:26	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/19/19 13:26	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/19/19 13:26	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/19/19 13:26	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/19/19 13:26	1
Chloroethane	ND		1.0	0.90	ug/L			03/19/19 13:26	1
Chloroform	ND		1.0	0.60	ug/L			03/19/19 13:26	1
Chloromethane	ND		1.0	0.90	ug/L			03/19/19 13:26	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/19/19 13:26	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/19/19 13:26	1
Cyclohexane	ND		1.0	0.63	ug/L			03/19/19 13:26	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/19/19 13:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/19/19 13:26	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/19/19 13:26	1
1,2-Dichlorobenzene	ND	*	1.0	0.36	ug/L			03/19/19 13:26	1
1,3-Dichlorobenzene	ND	*	1.0	0.50	ug/L			03/19/19 13:26	1
1,4-Dichlorobenzene	ND	*	1.0	0.54	ug/L			03/19/19 13:26	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/19/19 13:26	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/19/19 13:26	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/19/19 13:26	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/19/19 13:26	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/19/19 13:26	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/19/19 13:26	1
2-Hexanone	ND		5.0	3.3	ug/L			03/19/19 13:26	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/19/19 13:26	1
Methyl acetate	ND		5.0	1.7	ug/L			03/19/19 13:26	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/19/19 13:26	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/19/19 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/19/19 13:26	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/19/19 13:26	1
Styrene	ND		1.0	0.47	ug/L			03/19/19 13:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/19/19 13:26	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/19/19 13:26	1
Toluene	ND		1.0	0.46	ug/L			03/19/19 13:26	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/19/19 13:26	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/19/19 13:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/19/19 13:26	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/19/19 13:26	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/19/19 13:26	1
Trichloroethene	ND		1.0	0.69	ug/L			03/19/19 13:26	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/19/19 13:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/19/19 13:26	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/19/19 13:26	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/19/19 13:26	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87657-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		58 - 124		03/19/19 13:26	1
Dibromofluoromethane (Surr)	95		64 - 125		03/19/19 13:26	1
1,2-Dichloroethane-d4 (Surr)	78		65 - 127		03/19/19 13:26	1
Toluene-d8 (Surr)	105		69 - 115		03/19/19 13:26	1

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Client Sample ID: TRIP BLANK 03122019 (1)						Lab Sample ID: 180-87602-17			
Date Collected: 03/12/19 00:00						Matrix: Water			
Date Received: 03/13/19 09:30									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.4	ug/L			03/20/19 14:29	1
Benzene	ND		1.0	0.60	ug/L			03/20/19 14:29	1
Bromodichloromethane	ND		1.0	0.64	ug/L			03/20/19 14:29	1
Bromoform	ND		1.0	0.98	ug/L			03/20/19 14:29	1
Bromomethane	ND		1.0	0.89	ug/L			03/20/19 14:29	1
2-Butanone (MEK)	ND		5.0	2.6	ug/L			03/20/19 14:29	1
Carbon disulfide	ND		1.0	0.88	ug/L			03/20/19 14:29	1
Carbon tetrachloride	ND		1.0	0.88	ug/L			03/20/19 14:29	1
Chlorobenzene	ND		1.0	0.50	ug/L			03/20/19 14:29	1
Chloroethane	ND		1.0	0.90	ug/L			03/20/19 14:29	1
Chloroform	ND		1.0	0.60	ug/L			03/20/19 14:29	1
Chloromethane	ND		1.0	0.90	ug/L			03/20/19 14:29	1
cis-1,2-Dichloroethene	ND		1.0	0.71	ug/L			03/20/19 14:29	1
cis-1,3-Dichloropropene	ND		1.0	0.59	ug/L			03/20/19 14:29	1
Cyclohexane	ND		1.0	0.63	ug/L			03/20/19 14:29	1
Dibromochloromethane	ND		1.0	0.84	ug/L			03/20/19 14:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.89	ug/L			03/20/19 14:29	1
1,2-Dibromoethane (EDB)	ND		1.0	0.50	ug/L			03/20/19 14:29	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/L			03/20/19 14:29	1
1,3-Dichlorobenzene	ND		1.0	0.50	ug/L			03/20/19 14:29	1
1,4-Dichlorobenzene	ND		1.0	0.54	ug/L			03/20/19 14:29	1
Dichlorodifluoromethane	ND		1.0	0.83	ug/L			03/20/19 14:29	1
1,1-Dichloroethane	ND		1.0	0.63	ug/L			03/20/19 14:29	1
1,2-Dichloroethane	ND		1.0	0.57	ug/L			03/20/19 14:29	1
1,1-Dichloroethene	ND		1.0	0.55	ug/L			03/20/19 14:29	1
1,2-Dichloropropane	ND		1.0	0.66	ug/L			03/20/19 14:29	1
Ethylbenzene	ND		1.0	0.51	ug/L			03/20/19 14:29	1
2-Hexanone	ND		5.0	3.3	ug/L			03/20/19 14:29	1
Isopropylbenzene	ND		1.0	0.34	ug/L			03/20/19 14:29	1
Methyl acetate	ND		5.0	1.7	ug/L			03/20/19 14:29	1
Methylcyclohexane	ND		1.0	0.61	ug/L			03/20/19 14:29	1
Methylene Chloride	ND		1.0	0.89	ug/L			03/20/19 14:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	3.1	ug/L			03/20/19 14:29	1
Methyl tert-butyl ether	ND		1.0	0.59	ug/L			03/20/19 14:29	1
Styrene	ND		1.0	0.47	ug/L			03/20/19 14:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/19 14:29	1
Tetrachloroethene	ND		1.0	0.47	ug/L			03/20/19 14:29	1
Toluene	ND		1.0	0.46	ug/L			03/20/19 14:29	1
trans-1,2-Dichloroethene	ND		1.0	0.67	ug/L			03/20/19 14:29	1
trans-1,3-Dichloropropene	ND		1.0	0.58	ug/L			03/20/19 14:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			03/20/19 14:29	1
1,1,1-Trichloroethane	ND		1.0	0.60	ug/L			03/20/19 14:29	1
1,1,2-Trichloroethane	ND		1.0	0.45	ug/L			03/20/19 14:29	1
Trichloroethene	ND		1.0	0.69	ug/L			03/20/19 14:29	1
Trichlorofluoromethane	ND		1.0	0.87	ug/L			03/20/19 14:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.86	ug/L			03/20/19 14:29	1
Vinyl chloride	ND		1.0	0.88	ug/L			03/20/19 14:29	1
Xylenes, Total	ND		2.0	0.89	ug/L			03/20/19 14:29	1

TestAmerica Pittsburgh

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: 1805073-1.1, Suffern

TestAmerica Job ID: 180-87602-1

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		58 - 124		03/20/19 14:29	1
Dibromofluoromethane (Surr)	127	X	64 - 125		03/20/19 14:29	1
1,2-Dichloroethane-d4 (Surr)	118		65 - 127		03/20/19 14:29	1
Toluene-d8 (Surr)	99		69 - 115		03/20/19 14:29	1