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May 7, 2019

Mr. Payson Long, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233 – 7013

Re: Mr. C's Dry Cleaners Site, NYSDEC Site Number 915157, Work Assignment D007617-11, 2018 Annual Summary Report and Long-term Groundwater Monitoring Results

Dear Mr. Long:

Ecology and Environment Engineering and Geology, P.C. (E & E) is pleased to provide the 2018 Annual Summary Report and Long-term Groundwater Monitoring Report for the Mr. C's Dry Cleaners site. In accordance with the June 19, 2018, letter regarding management of the site, the Periodic Review Report (PRR) certification period has been changed to three years. In years when a PRR is not required, an annual summary report shall be submitted to summarize the operation, maintenance, and monitoring (OM&M) of the system for the calendar year and the long-term groundwater monitoring performed. The next PRR will be required following the January 1, 2017 – December 31, 2020, certification period. A summary of OM&M of the system, the long-term groundwater monitoring results, and pertinent field information are contained herein.

Groundwater Treatment System Summary

During 2018, the treatment system was in operation from January 8 to December 31, 2018. Based on information obtained from the weekly OM&M reports from E & E's subcontractor, Iyer Environmental Group, PLLC (IEG), the remedial system operated 8,088 hours out of a possible 8,616 hours, for an uptime of approximately 94%. The treatment system processed and discharged approximately 1,572,337 gallons of groundwater. Based on the influent and effluent volatile organic compound (VOC) concentrations, approximately 68 pounds of VOCs were removed from the groundwater during the 2018 reporting period.

Monthly OM&M sampling was performed throughout the year, and additional sampling was performed when corrective actions were required based on effluent results above State Pollutant Discharge Elimination System (SPDES) permit requirements. Corrective actions were taken on three occasions during the year (in January, May, and September) based on effluent sample results indicating VOC concentrations above the SPDES permit requirements. Corrective actions taken included cleaning the air stripper trays and adjusting differential pressures in the air stripper in accordance with the Site Management Plan. The analytical results for effluent samples collected after the corrective actions showed VOC concentrations to be below the SPDES requirements.

Table 1 presents a monthly breakdown of the treatment system operation during 2018 along with the total sums since its startup in 2002. Figure 1 shows the historical trends for processed volume (in 10,000 gallons), the average influent VOC concentration (in micrograms per liter [µg/L]), and the quantity, in pounds, of VOCs removed. Additional details regarding the monthly OM&M of the system are presented in the monthly OM&M reports (E & E 2018a – 2018l).

Influent Pumping Well Sampling

In response to the 2017 PRR, the New York State Department of Environmental Conservation (NYSDEC) requested that groundwater from the operating pumping wells be tested quarterly for VOCs. Accordingly, in 2018, samples were collected from pumping wells PW-4, PW-5, PW-6, PW-7, and PW-8 during the months of April, July, and October. Figures 2 through 6 summarize the concentrations of cis-1,2-dichloroethene (cis-DCE), tetrachloroethylene (PCE), and trichloroethene (TCE) detected during those sampling events as well as during sampling events conducted in 2017 for the pulsed-pumping program. Pumping well sampling will continue on a quarterly basis to monitor influent VOC concentrations.

Annual Remedial Action Costs

The total cost for work performed by E & E and its subcontractor, IEG, in 2018 for the remedial treatment program for the Mr. C's Dry Cleaners site was $206,005. Table 2 presents a breakdown of costs per work assignment task.

Long-Term Groundwater Monitoring

Long-term Groundwater Monitoring Results

The long-term groundwater monitoring program for the Mr. C's site has been performed under E & E's Standby Contract since 2003. The monitoring program documents the contaminant concentrations around the site in an effort to determine the continued extent of the contaminant plume.

Fieldwork was performed by E & E personnel from October 15 to October 24, 2018. A total of 29 wells and six piezometers were sampled during the 2018 groundwater sampling efforts. Based on the analytical results for samples collected during this period, the groundwater beneath and around the Mr. C's site continues to contain elevated levels of several VOCs, including chlorinated solvents, their breakdown by-products, and aromatic hydrocarbons. The primary contaminant of concern (COC) in the groundwater is PCE.

Well Purging and Sampling Procedures

All sampled monitoring wells were purged prior to sampling. Five of the groundwater pumping wells (PW-4, PW-5, PW-6, PW-7, and PW-8) did not require purging because, as a part of the groundwater treatment system, they were pumped during the time of sampling.

The remaining monitoring wells were purged using a submersible pump with new polyethylene tubing or disposable polyethylene bailers on new polypropylene line. Prior to purging, static water levels were measured to within ±0.01 foot in each well using a Solinst water level meter. The field data measurements are provided in Appendix A.

With the exception of the groundwater pumping wells mentioned above, all of the wells were purged of approximately 3 to 5 times the volume (or greater) of water standing in the well using low-flow methods. Purged water from the monitoring wells was containerized and transported to the treatment facility for processing. Temperature, pH, specific conductance, turbidity, and oxygen reduction potential (ORP) were measured and recorded, at a minimum, initially, after each well volume and just prior to sampling using a LaMotte 2020 Turbidity meter and a Myron 6P Ultrameter II (water parameter kit). Purging was performed until pH, specific conductance, and temperature had stabilized and turbidity was 50 nephelometric turbidity units (NTUs). The well purge records are provided in Appendix A.

The monitoring wells and piezometers were sampled using either submersible pumps or disposable polyethylene bailers on new polypropylene line, depending on the size of the well; the pumping wells were sampled using dedicated bailers. The samples were collected by E & E personnel and analyzed by EuroFins Spectrum Analytical, Inc. (formerly Spectrum Analytical, Inc.) for VOCs using U.S. Environmental Protection Agency (EPA) Method 8260C. Complete analytical reports for the 2018 groundwater monitoring program are provided in Appendix B. The analytical results will be submitted in electronic from through New York State's Environment Data Base (EQuIS).

Quality Control and Quality Assurance (QA/QC)

Field duplicate, matrix spike/matrix spike duplicate (MS/MSD), and rinsate blank samples were collected for QA/QC purposes. Independent data validation of the analytical results was performed by E & E. The data usability summary reports (DUSRs) are provided in Appendix C.

The following potential impacts on data usability were noted: (a) 1,1,2-trichloroethane, 1,2-dichloroethane, 1,2-dichloropropane, 1,2-dibromo-3-chloropropane, 1,2,3-trichloropropane, 1,2-dibromoethane, benzene, cis-1,3-dichloropropene, hexachlorobutadiene, trans-1,3-dichloropropene, 1,2-dichlorobenzene and 1,3-dichlorobenzene, vinyl chloride, methylene chloride, and xylenes exhibited elevated method detection limits in seven samples; (b) acetone was recovered low in laboratory control sample duplicate (LCSD), the analyte in six samples were qualified UJ as estimated non-detect; and (c) 2-chlorotoluene was recovered low in the MSD of one sample, and the analyte was qualified UJ as estimated non-detect in the parent sample. These issues did not affect the validity of the 2018 groundwater sampling results.

Analytical Results Review

Table 3 provides a summary of the analytical results of VOCs detected in groundwater samples from each monitoring well, piezometer, and groundwater pumping well sampled. Bold values shown in the table denote positive analytical results; highlighted boxes in the table denote values that exceed either NYSDEC's groundwater standards or guidance values.

Figures 7 and 8 summarize historical VOC concentrations detected across the site. Figures 9 and 10 present, respectively, iso-contour contaminant concentration maps showing the total chlorinated VOCs and PCE contaminant plumes; these figures were generated using Surfer Modeling Software version 16. Figure 11 presents the groundwater elevation isopleths contour map.

Groundwater Monitoring Results for VOCs

The analytical results for VOCs indicate the following:

- Eight VOCs (1,1-dichloroethene, 1,2-dichloroethane, cis-DCE, tert-butyl methyl ether [MTBE], PCE, trans-1,2-dichloroehtene [trans-DCE], TCE, and vinyl chloride) were detected in the groundwater samples at levels that exceed the NYSDEC Class GA groundwater standards and guidance values[1] used to screen the groundwater data.
- 1,1-dichloroethene was detected above its groundwater guidance value (0.7 µg/L) in one pumping well (PW-7) and one piezometer (PZ-6A). The highest concentration of 1,1-dichloroethene (11 µg/L) was detected in a sample collected from pumping well PW-7. For clarity, 1,1-dichloroethene was not included in the interpolation of groundwater contaminant plume contours.
- 1,2-dichloroethane was detected above its groundwater guidance value (0.6 µg/L) at a concentration of 2.3 µg/L, only in monitoring well MPI-3S. For clarity, 1,2-dichloroethane was not included in the interpolation of groundwater contaminant plume contours.
- cis-DCE was detected above its groundwater guidance value (5 µg/L) in nine monitoring wells (EE-2, EE-3, ESI-6, MPI-4I, MPI-4S, MPI-5S, MPI-6S, MPI-8S-R, and MW-8), five pumping wells (PW-4, PW-5, PW-6, PW-7, and PW-8), and two piezometers (PZ-6A and PZ-8C). The highest concentration of cis-DCE (5,200 µg/L) was detected in a sample collected from pumping well PW-7.
- MTBE was detected above its groundwater guidance value (10 µg/L) in five monitoring wells (EE-2, EE-3, MPI-15B, MPI-3S, and MPI-4I), and two piezometer (PZ-6A, PZ-8C). The highest concentration of MTBE (310 µg/L) was detected in a sample collected from monitoring well MPI-4I. For clarity, MTBE was not included in the interpolation of groundwater contaminant plume contours.
- PCE was detected above its groundwater standard (5 µg/L) in 11 monitoring wells (EE-2, ESI-3, ESI-6, MPI-1S, MPI-4I, MPI-4S, MPI-5S, MPI-6S, MPI-8S-R, MW-7, and MW-8), eight pumping wells (RW-1, PW-2, PW-3, PW-4, PW-5, PW-6, PW-7, and PW-8), and four piezometers (PZ-1D, PZ-3B, PZ-5A, and PZ-6A). The highest concentration of PCE (5,600 µg/L) was detected in a sample collected from pumping well PW-7.
- Trans-DCE was detected above its groundwater standard (5 µg/L) in one monitoring well (MW-8), and one piezometer (PZ-6A). The highest concentration of trans-DCE (5.3 µg/L) was detected in a sample collected from piezometer PZ-6A.
- TCE was detected above its groundwater standard (5 µg/L) in six monitoring wells (EE-2, ESI-6, MPI-4I, MPI-5S, MPI-8S-R, and MW-8), five pumping wells (PW-4, PW-5, PW-6, PW-7, and PW-8), and two piezometers (PZ-5A and PZ-6A). The highest concentration of TCE (740 µg/L) was detected in a sample collected from pumping well PW-7.

[1] New York State Department of Environmental Conservation. 1998. Division of Water Technical and Operational Guidance Series (1.1.1): *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations,* Division of Water, Albany, New York.

- Vinyl chloride was detected above its groundwater standard (2 µg/L) in four monitoring wells (MPI-4I, MPI-4S, MPI-6S, and MW-8), two pumping wells (PW-7 and PW-8), and one piezometer (PZ-8C). The highest concentration of vinyl chloride (690 µg/L) was detected in a sample collected from pumping well PW-7.

Discussion of Findings

VOCs

The analytical results from the 2018 sampling event, which occurred while the treatment system and pumps to the west of Whaley Avenue were in operation, were compared to the results of the 2017 sampling event. The results of the comparison are provided below.

- PCE concentrations increased in 13 monitoring wells (EE-2, ESI-2R, ESI-5R, MPI-13BR, MPI-15B, MPI-1S, MPI-2SR, MPI-4S, MPI-6S, MPI-8SR, MPI-9SR, MW-7, and MW-8), five pumping wells (PW-3, PW-4, PW-5, PW-6, and PW-8), and two piezometers (PZ-6A and PZ-8C).
- PCE concentrations decreased in five monitoring wells (ESI-3, ESI-6, MPI-14BR, MPI-4I, and MPI-5S,), three pumping well (PW-2, PW-8, and RW-1), and three piezometers (PZ-1D, PZ-3B, PZ-7D).
- Of the monitoring wells, pumping wells, and piezometers that showed a decrease in PCE concentration from 2017 to 2018, three monitoring wells, two pumping wells, and two piezometers showed an increase in the concentrations of daughter products of PCE.
  - The results for pumping wells PW-8 and RW-1 showed an increase only in the concentration of cis-DCE.
  - The results for piezometer PZ-7D showed an increase only in the concentration of trans-DCE.
  - The results for monitoring well ESI-6 showed an increase only in the concentration of 1,1-dichloroethane.
  - The results for monitoring well MPI-4S showed increases in the concentrations of both cis-DCE and TCE.
  - The results for piezometer PZ-3B showed an increase in the concentrations of both cis-DCE and trans-DCE.
  - The results for monitoring well MPI-5S showed increases in the concentrations of TCE, cis-DCE, trans-DCE, and vinyl chloride.
- The PCE results for three monitoring wells (EE-3, MPI-3S, and MPI-7IR) were non-detect in both 2017 and 2018.
- One piezometer (PZ-5A) had not been sampled in 2017. However, this piezometer showed a decrease in the concentration of PCE from the 2016 to the 2018 monitoring results.
- The Surfer-generated concentration contours on Figures 5 and 6 (PCE and Total VOCs in Groundwater) for 2017 and 2018 were generally similar. However, the contours indicate a continued increase in the amount of PCE breakdown by-products.

Recommendations

E & E recommends continuing OM&M in 2019, which shall continue to include monthly sampling of the influent and effluent water from the treatment system as well as quarterly sampling of groundwater in each of the active pumping wells. These monthly samples shall be analyzed for VOCs by EPA Method 8260C. The analytical results can be used to help determine whether the transition of PCE into daughter products has started to occur. This analysis would involve calculating the new removal rate of VOCs and comparing it to the historical removal rate of VOCs.

In addition, E & E will implement a preventative cleaning program for the air stripper to prevent exceedances of the SPDES limits for effluent VOCs. In 2018, effluent concentrations exceeded the SPDES permit requirements on three occasions, approximately every 3 to 4 months. E & E will have IEG conduct preemptive cleaning of the air stripper in order to prevent further exceedances.

If you have any questions or comments regarding this report, please contact me at (716) 684-8060 or asmith@ene.com.

Sincerely,

ECOLOGY AND ENVIRONMENT ENGINEERING AND GEOLOGY, P.C.

Ashlee Smith, P.E.
Project Manager

Attachments:
Tables 1 – 3
Figures 1 – 11
Appendices A - C

cc: Mr. Dave Szymanski, NYSDEC Region 9 – w/Attachments
1703074.0011.10

2018 ANNUAL SUMMARY AND LONG-TERM GROUNDWATER SAMPLING REPORT
MR. C's DRY CLEANER SITE
NYSDEC SITE NUMBER 9-15-157

TABLES

Table 1 Mr. C's Dry Cleaners Site Remediation, Site #915157, 2018 System Operation

Month	Sample Date	Up-time (Reporting Period)		Treated Effluent (gallon)	VOC Removal		
		Reporting Hours	Operational Up-time		Influent VOCs (µg/L)	Effluent VOCs(µg/L)	VOCs Removed (lbs.)
(Treatment System Up-time from 9/5/02 to 01/08/18)		**118,453.50**	**91.67%**	**131,261,841**	**NA**	**NA**	**1,680.06**
January 8, 2018 - February 5,2018	February 5, 2018	672	100.00%	200,566	5695.00	136.76	9.30
February 5, 2018 - March 5,2018	March 5, 2018	624	92.86%	171,953	5670.00	12.76	8.12
March 5, 2018 - March 28, 2018	March 28, 2018	552	100.00%	143,120	5494.50	7.44	6.55
March 28, 2018 - April 18, 2018	April 18, 2018	504	100.00%	103,015	4625.00	6.32	3.97
April 18, 2018 - June 4, 2018	June 4, 2018	1128	100.00%	242,989	4521.50	61.60	9.04
June 4, 2018 - June 28, 2018	June 28, 2018	528	91.67%	104,925	4695.00	6.65	4.10
June 28, 2018 - July 30, 2018	July 5, 2018	768	100.00%	47,778	4046.00	0.00	1.61
	July 26, 2018				4742.50	8.39	4.22
July 30, 2018 - August 29, 2018	August 29, 2018	720	100.00%	115,104	5127.00	0.00	4.92
August 29, 2018 - November 2, 2018	September 27, 2018	1128	72.31%	143,578	3097.70	111.28	2.24
	October 31, 2018				5002.00	5.30	2.23
November 2, 2018 - November 27, 2018	November 26, 2018	600	100.00%	135,765	3586.67	4.26	4.06
November 27, 2018 - December 31, 2018	December 31, 2018	864	100.00%	163,544	5529.90	4.50	7.54
Total in 2018		**8,088.00**	**93.87%**	**1,572,337**	**61,832.77**	**365.26**	**67.92**
Total from startup		**126,541.50**	**91.81%**	**132,834,178**	**NA**	**NA**	**1,747.98**

NOTES:

1. Up-time based as percentage of total reporting hours.
2. Treatment system operated by Iyer Environmental Group from 07/07/2016 to present.
3. VOC removal calculations are based on monthly water samples and assumes samples are representative of the entire reporting period.
4. VOC removal calculations assume that non-detect values = 0 ug/L.
5. Total VOCs summations include estimated "J" values.
6. VOC removal calculations are based on effluent totalizer readings.
7. "Influent VOCs" and "Effluent VOCs" values given above are the summation of values for individual compounds given in monthly analytical reports.
8. Unit conversion: 1 pound = 453.5924 grams, 1 gallon = 3.785 liters
9. Formula for the VOC removal calculation:

(VOCsInfluent - VOCsEffluent)(ug/L)·(1g/106ug)·(1 lb/453.5924 g)·(Monthly process water)(gal)·(3.785 L/gallon)

Table 2 2018 Remedial Action Costs, Mr. C's Dry Cleaner Site

Task Description	Cost
A. Remedial System Optimization (RSO) Plan (Task 8)	
Pulsed-Pumping Program and Reporting	$14,373
Subtotal A:	**$14,373**
B. Long Term Groundwater Monitoring (LWTM) Program (Task 9)	
E & E Field Sampling Program and Reporting	$13,504
Subcontracted - Analytical Services	$3,805
Subtotal B:	**$17,309**
C. Periodic Review Report (PRR) (Task 10)	
E & E Admin and Reporting	$16,012
Subtotal C:	**$16,012**
D. Operations, Maintenance and Monitoring Services (Task 11)	
Subcontracted - OM&M Services	$71,823
Subcontracted - Analytical Services (O&M and SVII)	$4,434
Utilities - Electric, Gas, and Telephone	$14,999
Replacement Equipment – PLC, Pumps, Well Improvement)	$8,094
E & E Admin and Reporting	$58,960
Subtotal D:	**$158,310**
Grand Total (Items A-D)	**$206,005**

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte	Screening Criteria [1]	Notes	Location ID: EE-2 Sample Name: EE2-101718 Depth: 22 - 32 ft Date: 10/17/18	Location ID: EE-3 Sample Name: EE3-101818 Depth: 18 - 28 ft Date: 10/18/18	Location ID: ESI-2-R Sample Name: ESI-2R-101618 Depth: 9 - 19 ft Date: 10/16/18	Location ID: ESI-3 Sample Name: ESI3-102218 Depth: 7 - 17 ft Date: 10/22/18	Location ID: ESI-5-R Sample Name: ESI5R-101718 Depth: 5 - 15 ft Date: 10/17/18	Location ID: ESI-6 Sample Name: ESI-6-101818 Depth: 7 - 17 ft Date: 10/18/18	Location ID: MPI-13B-R Sample Name: MPI13BR-102418 Depth: 17 - 32 ft Date: 10/24/18
Volatile Organic Compounds by Method 8260C (µg/L)									
1,1,1-Trichloroethane	5		0.25 U	0.25 U	0.25 U	**1.1 J**	0.25 U	**0.84 J**	0.25 U
1,1-Dichloroethane	5		**0.52 J**	**0.31 J**	0.25 U	**0.71 J**	0.25 U	**1.4 J**	0.25 U
1,1-Dichloroethene	5		**0.69 J**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	0.6		0.25 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U	0.5 U
2-Hexanone	50	G	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	G	2.5 U	2.5 U	2.5 U	**3.0 J**	2.5 U	2.5 U	2.5 U
Benzene	1		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Carbon Disulfide	60	G	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Chloroform	7		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Cis-1,2-Dichloroethylene	5		**380**	**7**	0.25 U	0.25 U	**0.38 J**	**23**	0.25 U
Methyl Ethyl Ketone (2-Butanone)	50	G	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	G	**13**	**15**	0.25 U	**0.27 J**	0.25 U	**1.4**	0.25 U
Tetrachloroethylene (PCE)	5		**690**	0.25 U	**0.54 J**	**96**	**1.7**	**220**	**2**
Trans-1,2-Dichloroethene	5		**1.2 J**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Trichloroethylene (TCE)	5		**310**	0.25 U	0.25 U	0.25 U	**0.66 J**	**20**	**0.38 J**
Vinyl Chloride	2		**1.4**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U

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Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte	Screening Criteria [1]	Notes	Location ID:	MPI-14B-R	MPI-15B	MPI-1S	MPI-2S-R	MPI-3S	MPI-4I	MPI-4S
			Sample Name:	MPI14BR-101718	MPI15B-101818	MPI1S-101818	MPI2SR-102318	MPI3S-101818	MPI4-I-102418	MPI4-S-102418
			Depth:	15 - 30 ft	0 - 0 ft	9 - 19 ft	8 - 18 ft	8 - 18 ft	32 - 42 ft	11 - 21 ft
			Date:	10/17/18	10/18/18	10/18/18	10/23/18	10/18/18	10/24/18	10/24/18
Volatile Organic Compounds by Method 8260C (µg/L)										
1,1,1-Trichloroethane	5			0.25 U	0.25 U	0.25 U	**2.9 J**	0.25 U	0.25 U	0.25 U
1,1-Dichloroethane	5			0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	5			0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	**0.49 J**	0.25 U
1,2-Dichloroethane	0.6			0.25 U	0.25 U	0.25 U	0.5 U	**2.3**	0.5 U	0.5 U
2-Hexanone	50	G		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	G		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 U
Benzene	1			0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Carbon Disulfide	60	G		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Chloroform	7			0.25 U	0.25 U	0.25 U	**4.0 J**	0.25 U	0.25 U	0.25 U
Cis-1,2-Dichloroethylene	5			0.25 U	0.25 U	**3.6**	0.25 U	0.25 U	**440**	**18**
Methyl Ethyl Ketone (2-Butanone)	50	G		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	G		0.25 U	**11**	0.25 U	0.25 U	**18**	**310**	0.25 U
Tetrachloroethylene (PCE)	5			**0.37 J**	**0.26 J**	**22**	**2.9**	0.25 U	**210**	**7.4**
Trans-1,2-Dichloroethene	5			0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	**1.2 J**	0.25 U
Trichloroethylene (TCE)	5			0.25 U	0.25 U	**0.82 J**	0.25 U	0.25 U	**65**	**1.6**
Vinyl Chloride	2			0.25 U	0.25 U	0.25 U	0.25 U	**1.1**	**260**	**2.1**

**** Key at end of table.***

Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte	Screening Criteria [1]	Notes	Location ID: MPI-5S Sample Name: MPI5S-101618 Depth: 8 - 18 ft Date: 10/16/18	Location ID: MPI-5S-FD Sample Name: MPI5S-101618Q Depth: 8 - 18 ft Date: 10/16/18	Location ID: MPI-6S Sample Name: MPI6S-101918 Depth: 12 - 22 ft Date: 10/19/18	Location ID: MPI-7I-R Sample Name: MPI7-IR-102218 Depth: 29 - 39 ft Date: 10/22/18	Location ID: MPI-8S-R Sample Name: MPI8SR-101618 Depth: 8 - 18 ft Date: 10/16/18	Location ID: MPI-9S-R Sample Name: MPI9S-101718 Depth: 8 - 18 ft Date: 10/17/18	Location ID: MW-7 Sample Name: MW7-102318 Depth: 5 - 15 ft Date: 10/23/18
Volatile Organic Compounds by Method 8260C (µg/L)									
1,1,1-Trichloroethane	5		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethane	5		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	5		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	0.6		0.25 U	0.25 U	0.25 U	0.5 U	0.25 U	0.25 U	0.5 U
2-Hexanone	50	G	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Acetone	50	G	2.5 U	2.5 U	**6.6**	2.5 U	2.5 U	2.5 U	2.5 UJ
Benzene	1		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Carbon Disulfide	60	G	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Chloroform	7		0.25 U	0.25 U	0.25 U	0.25 U	**0.32 J**	0.25 U	0.25 U
Cis-1,2-Dichloroethylene	5		**7.2**	**7.1**	**68**	0.25 U	**47**	0.25 U	0.25 U
Methyl Ethyl Ketone (2-Butanone)	50	G	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	G	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Tetrachloroethylene (PCE)	5		**18**	**19**	**17**	**0.76 J**	**94**	**0.73 J**	**760**
Trans-1,2-Dichloroethene	5		**2.1**	**2**	**0.96 J**	0.25 U	**1.2 J**	0.25 U	0.25 U
Trichloroethylene (TCE)	5		**6.2**	**6.1**	**2**	0.25 U	**8.9**	0.25 U	**2.5**
Vinyl Chloride	2		**0.45 J**	**0.48 J**	**27**	0.25 U	0.25 U	0.25 U	0.25 U

**** Key at end of table.***

Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte	Screening Criteria [1]	Notes	MW-8 MW8-101618 5 - 15 ft 10/16/18	PW-2 PW2-102418 18 - 28 ft 10/24/18	PW-3 PW3-102418 18 - 28 ft 10/24/18	PW-4 PW4-102418 18 - 28 ft 10/24/18	PW-5 PW5-102418 18 - 28 ft 10/24/18	PW-6 PW6-102418 18 - 28 ft 10/24/18	PW-7 PW7-102418 18 - 28 ft 10/24/18
Volatile Organic Compounds by Method 8260C (µg/L)									
1,1,1-Trichloroethane	5		0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	2.5 U
1,1-Dichloroethane	5		0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	2.5 U
1,1-Dichloroethene	5		0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	**11**
1,2-Dichloroethane	0.6		0.25 U	0.5 U	0.5 U	10 U	2.5 U	5 U	5 U
2-Hexanone	50	G	2.5 U	2.5 U	2.5 U	50 U	13 U	25 U	25 U
Acetone	50	G	2.5 U	2.5 U	2.5 UJ	50 U	13 U	25 U	25 U
Benzene	1		0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	2.5 U
Carbon Disulfide	60	G	0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	2.5 U
Chloroform	7		0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5		**54**	**1.4**	**0.55 J**	**92**	**11**	**40**	**5200**
Methyl Ethyl Ketone (2-Butanone)	50	G	2.5 U	2.5 U	2.5 U	50 U	13 U	25 U	25 U
Tert-Butyl Methyl Ether	10	G	0.25 U	0.25 U	0.25 U	5 U	1.3 U	2.5 U	**4.4 J**
Tetrachloroethylene (PCE)	5		**8.8**	**7.3**	**6.1**	**2800**	**1700**	**2500**	**5600**
Trans-1,2-Dichloroethene	5		**5.2**	0.25 U	0.25 U	5 U	**3.6 J**	2.5 U	**36 J**
Trichloroethylene (TCE)	5		**7.8**	0.25 U	0.25 U	**200**	**51**	**88**	**740**
Vinyl Chloride	2		**20**	0.25 U	0.25 U	5 U	1.3 U	2.5 U	**690**

**** Key at end of table.***

Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte	Screening Criteria [1]	Notes	Location ID: PW-8 Sample Name: PW8-102418 Depth: 18 - 28 ft Date: 10/24/18	PZ-1D PZ-1D-102218 18 - 28 ft 10/22/18	PZ-3B PZ3B-101618 18 - 28 ft 10/16/18	PZ-5A PZ-5A-102218 18 - 28 ft 10/22/18	PZ-6A PZ6A-101918 18 - 28 ft 10/19/18	PZ-6A-FD PZ6A-101918Q 18 - 28 ft 10/19/18	PZ-7D PZ7D-101918 18 - 28 ft 10/19/18
Volatile Organic Compounds by Method 8260C (µg/L)									
1,1,1-Trichloroethane	5		2.5 U	**0.43 J**	**0.61 J**	2.5 U	0.25 U	5 U	0.25 U
1,1-Dichloroethane	5		2.5 U	0.25 U	0.25 U	2.5 U	**0.55 J**	5 U	0.25 U
1,1-Dichloroethene	5		2.5 U	0.25 U	0.25 U	2.5 U	**8.7**	**7.9 J**	0.25 U
1,2-Dichloroethane	0.6		5 U	0.5 U	0.25 U	5 U	0.25 U	5 U	0.25 U
2-Hexanone	50	G	25 U	2.5 U	2.5 U	25 U	2.5 U	50 U	**48**
Acetone	50	G	25 U	2.5 UJ	2.5 U	25 U	2.5 U	50 U	**20**
Benzene	1		2.5 U	0.25 U	0.25 U	2.5 U	**0.31 J**	5 U	**0.27 J**
Carbon Disulfide	60	G	2.5 U	0.25 U	0.25 U	2.5 U	0.25 U	5 U	**0.35 J**
Chloroform	7		2.5 U	**0.59 J**	**0.28 J**	2.5 U	0.25 U	5 U	0.25 U
Cis-1,2-Dichloroethylene	5		**480**	**1.5**	**0.5 J**	**7.4 J**	**710**	**700**	**3.8**
Methyl Ethyl Ketone (2-Butanone)	50	G	25 U	2.5 U	2.5 U	25 U	2.5 U	50 U	**12**
Tert-Butyl Methyl Ether	10	G	**7.2 J**	0.25 U	0.25 U	2.5 U	**18**	**20 J**	0.25 U
Tetrachloroethylene (PCE)	5		**170**	**15**	**150**	**2600**	**2000**	**2400**	**2.9**
Trans-1,2-Dichloroethene	5		2.5 U	**0.50 J**	**0.41 J**	**11 J**	**3.8**	**5.3 J**	**0.79 J**
Trichloroethylene (TCE)	5		**12**	**2.4**	**4.9**	**100**	**420**	**440**	**1.2**
Vinyl Chloride	2		**110**	0.25 U	0.25 U	2.5 U	**1**	5 U	**0.92 J**

**** Key at end of table.***

Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte	Screening Criteria [1]	Notes	Location ID: PZ-8C Sample Name: PZ8C-101918 Depth: 18 - 28 ft Date: 10/19/18	Location ID: RW-1 Sample Name: RW1-102418 Depth: 18 - 28 ft Date: 10/24/18
Volatile Organic Compounds by Method 8260C (µg/L)				
1,1,1-Trichloroethane	5		0.25 U	0.25 U
1,1-Dichloroethane	5		0.25 U	0.25 U
1,1-Dichloroethene	5		0.25 U	0.25 U
1,2-Dichloroethane	0.6		0.25 U	0.5 U
2-Hexanone	50	G	2.5 U	2.5 U
Acetone	50	G	2.5 U	2.5 UJ
Benzene	1		0.25 U	0.25 U
Carbon Disulfide	60	G	0.25 U	0.25 U
Chloroform	7		0.25 U	0.25 U
Cis-1,2-Dichloroethylene	5		**5.6**	**4.1**
Methyl Ethyl Ketone (2-Butanone)	50	G	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	G	**19**	0.25 U
Tetrachloroethylene (PCE)	5		**1.9**	**8.8**
Trans-1,2-Dichloroethene	5		**0.35 J**	0.25 U
Trichloroethylene (TCE)	5		**0.3 J**	**0.55 J**
Vinyl Chloride	2		**21**	0.25 U

**** Key at end of table.***

Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

Table 3 Summary of Positive Analytical Results for Groundwater Samples
Mr. C's Dry Cleaners Site, East Aurora, Erie County, New York

Analyte

Key:

Qualifiers

J = Estimated value

U = Not detected (method detection limit shown)

Other

µg/L = Micrograms per liter

G = Guidance value (no standard available)

FD= Field duplicate sample

Notes

1. New York State Department of Environmental Conservation, Technical and Operational Guidance Series Memorandum #1.1.1: *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*, 1998 (with updates), Class GA Groundwater Standards and

2. Bold values denote positive hits.

3. Shaded cells exceeds groundwater guidance value.

Key at end of table.

Source: Ecology and Environment Engineering, P.C. 2015

2018 ANNUAL SUMMARY AND LONG-TERM GROUNDWATER SAMPLING REPORT
MR. C's DRY CLEANER SITE
NYSDEC SITE NUMBER 9-15-157

FIGURES

Figure 1

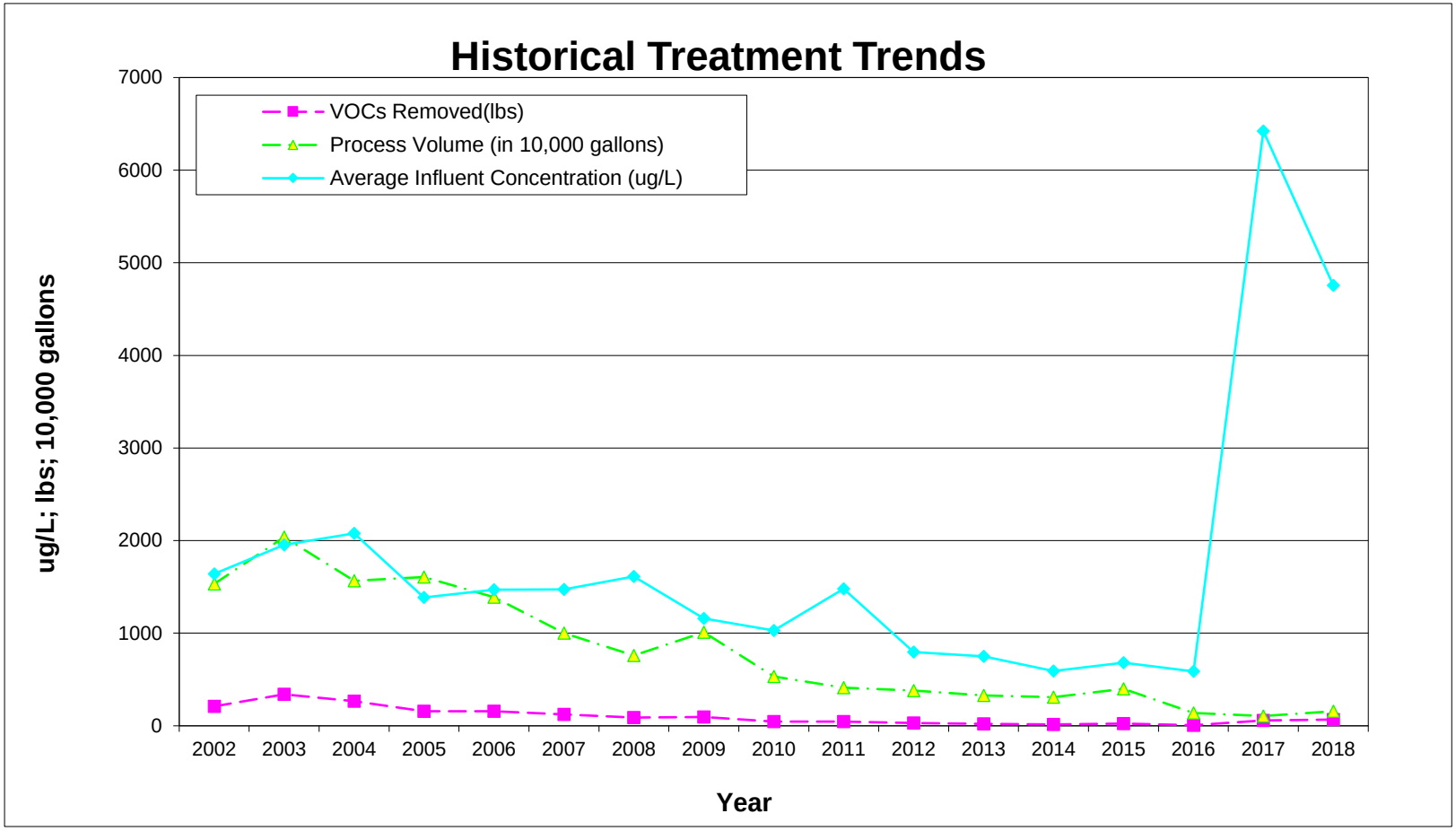

Historical Treatment Trends
VOCs Removed(lbs)
Process Volume (in 10,000 gallons)
Average Influent Concentration (ug/L)
ug/L; lbs; 10,000 gallons
7000
6000
5000
4000
3000
2000
1000
0
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
Year

Figure 2 - Influent Concentrations for PW-4

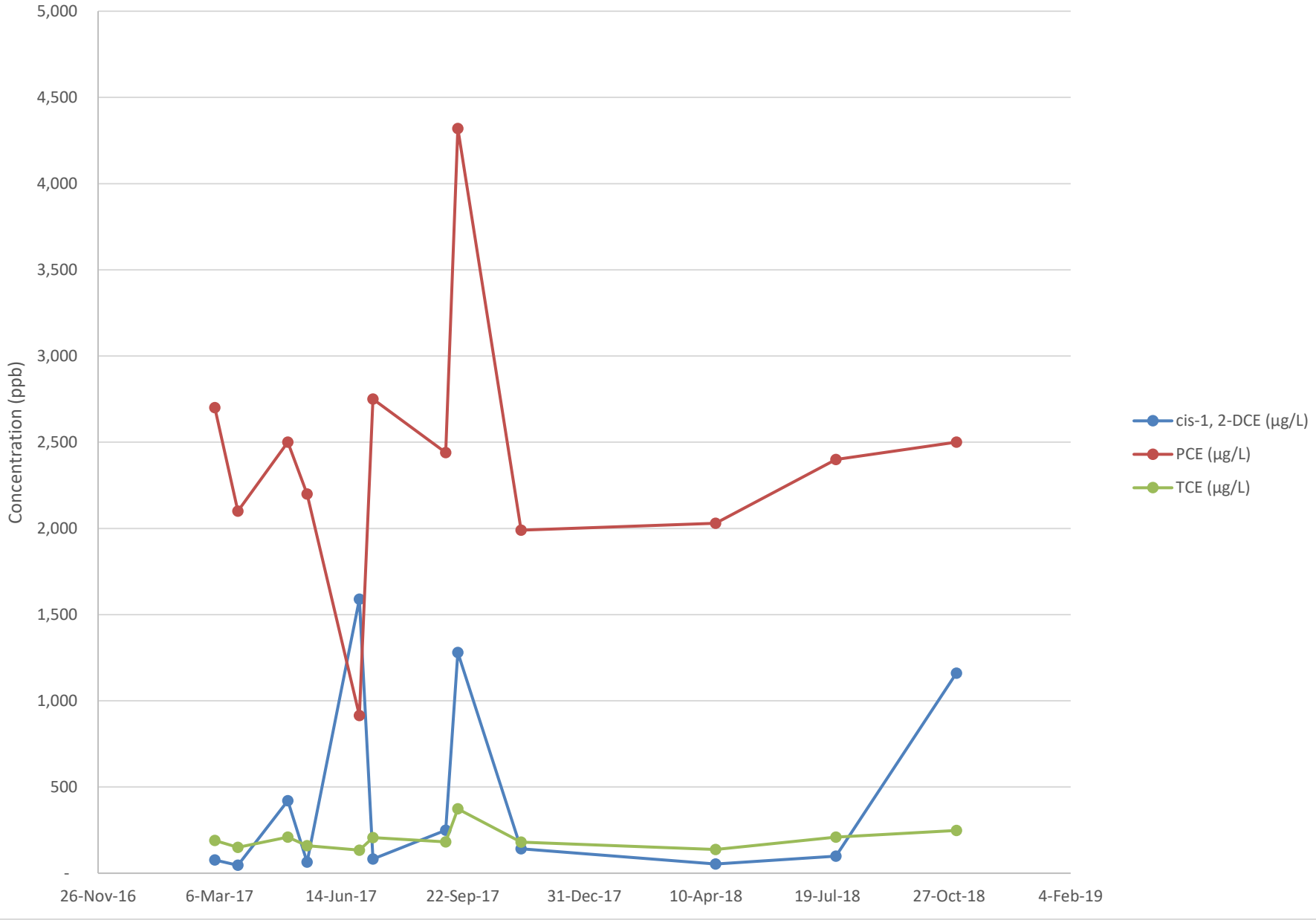


Figure 3 - Influent Concentrations for PW-5

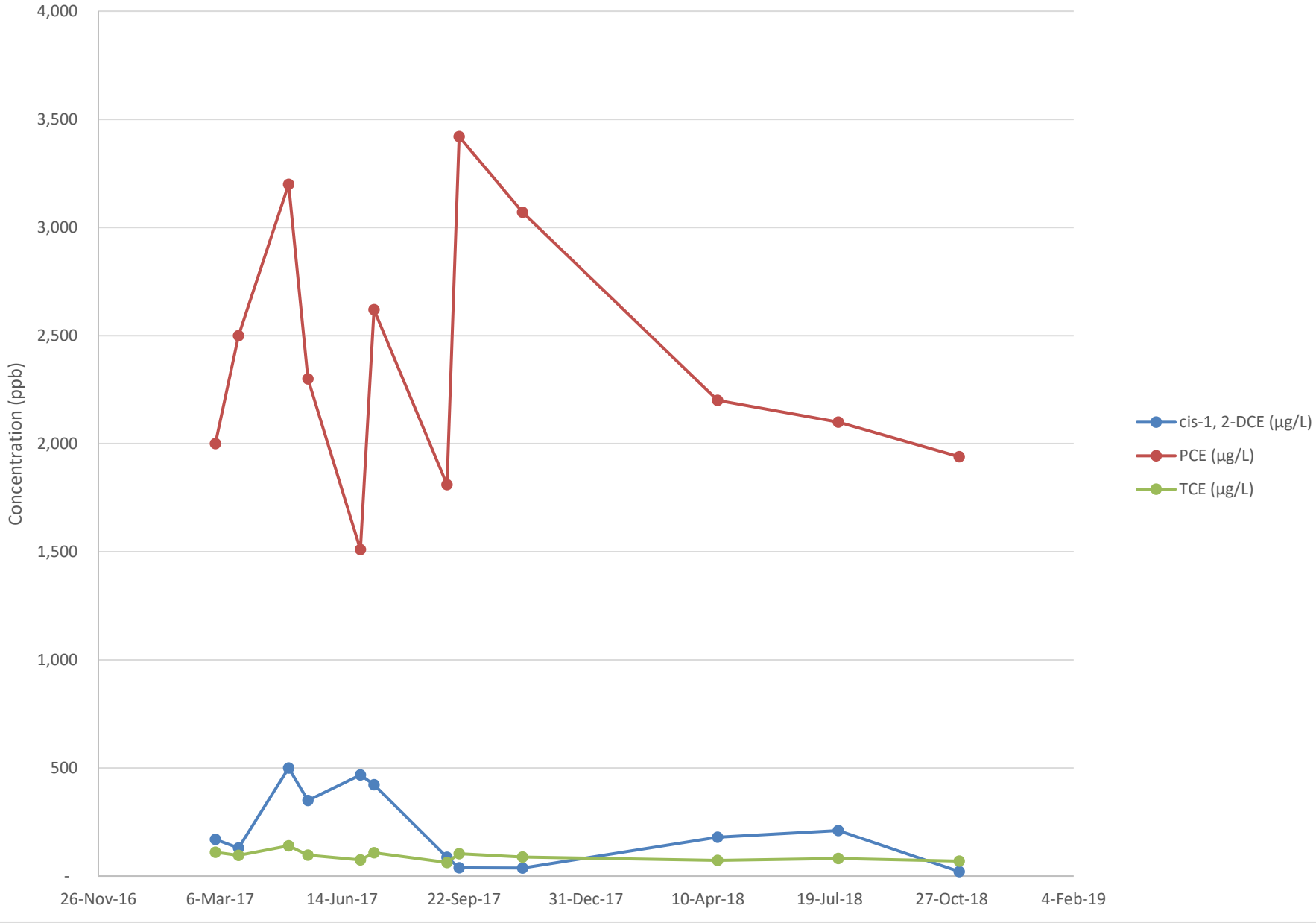


Figure 4 - Influent Concentrations for PW-6

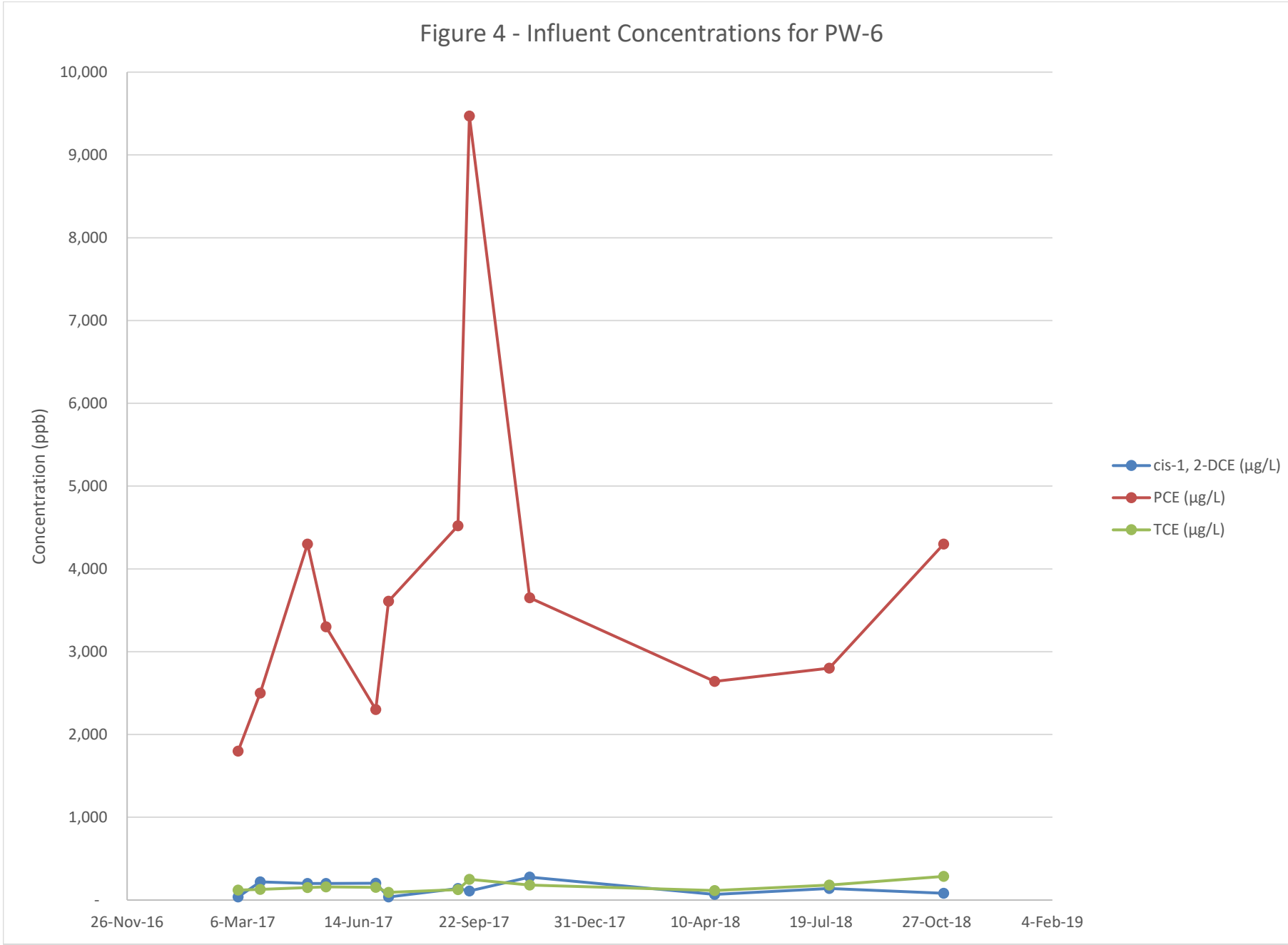


Figure 5 - Influent Concentrations for PW-7

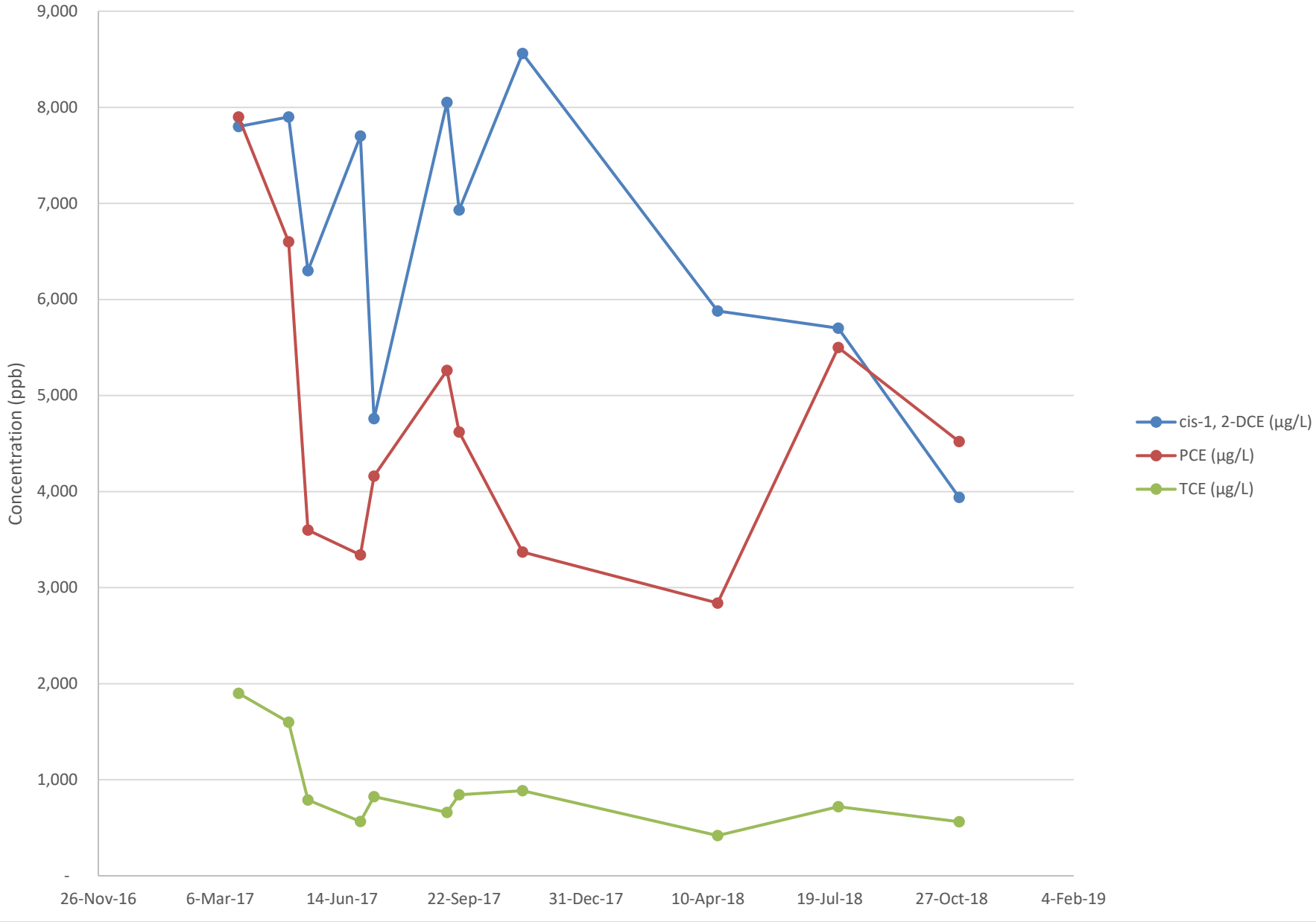
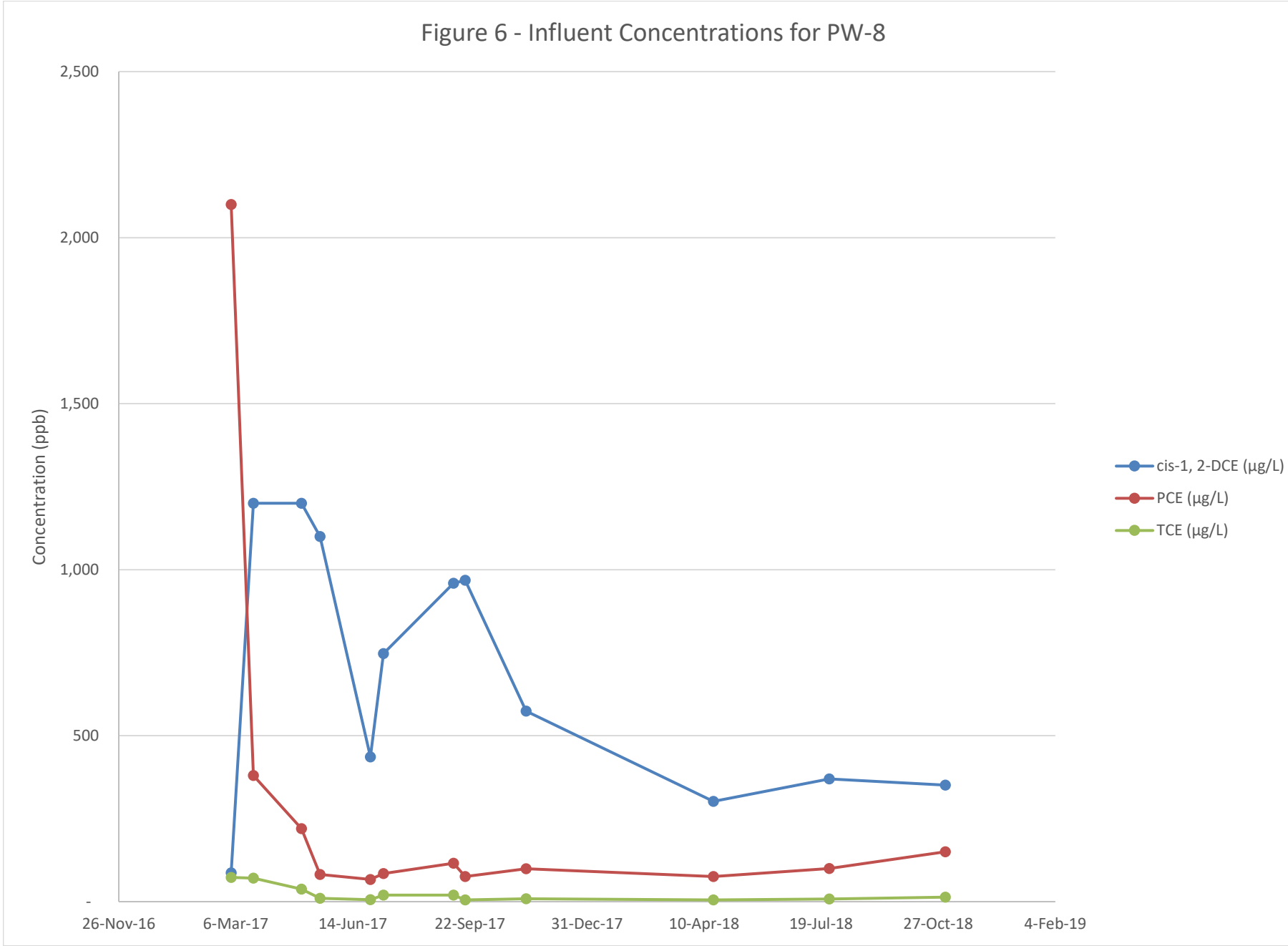


Figure 6 - Influent Concentrations for PW-8



EE-2	10/14	10/15	4/16	11/17	10/18
Chloroform	ND	ND	ND	ND	ND
Methyl tert-butyl ether	31	19	13 J	15.9	13
Methylene chloride	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	2.2 J	97	400	640	690
Vinyl chloride	8.2	4.7 J	ND	ND	1.4
cis-1,2-Dichloroethene	260	230	200	299	380
1,1-Dichloroethane	0.96 J	0.82 J	ND	ND	0.52 J
1,1-Dichloroethene	1.1 J	0.80 J	ND	ND	0.69 J
Chloromethane	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	74	140	210	288	310
trans-1,2-Dichloroethene	3.4 J	1.6 J	ND	ND	1.2 J

MPI-3S	10/14	10/15	4/16	11/17	10/18
Benzene	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	45	35	27	19.1	18
Tetrachloroethene (PCE)	1.9 J	ND	ND	ND	ND
1,2-Dichloroethane	ND	2.2 J	ND	2.24	2.3
Vinyl Chloride	–	ND	ND	1.02	1.1

MPI-4S	10/14	10/15	4/16	11/17	10/18
Tetrachloroethene (PCE)	4.3 J	4.4 J	4.9 J	4.89	7.4
cis-1,2-Dichloroethene	55	41	11	42.2	18
Methyl tert-Butyl Ether	ND	1.3 J	ND	0.73 J	ND
Vinyl Chloride	8.6	6.4	1.7 J	3.99	2.1
Acetone	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	1.2 J	1.6 J	ND	1.46	1.6
Bromodichloromethane	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND

MPI-12B	5/10	10/15	4/16	11/17	10/18
cis-1,2-Dichloroethene	17	NS	NS	NS	NS
Methyl tert-butyl ether	110	NS	NS	NS	NS
Tetrachloroethene (PCE)	ND	NS	NS	NS	NS
Trichloroethylene (TCE)	ND	NS	NS	NS	NS

ESI-6	10/14	10/15	4/16	11/17	10/18
1,1-Dichloroethane	1.3 J	–	ND	ND	1.4 J
Trichloroethylene (TCE)	22	21	14	23.9	20
Tetrachloroethene (PCE)	410	320	240	393 J	220
cis-1,2-Dichloroethene	59	32	7.6 J	70.6	23
Methyl tert-Butyl Ether	ND	ND	ND	ND	1.4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	–	–	–	–	0.84 J

EE-3	10/14	10/15	4/16	11/17	10/18
cis-1,2-Dichloroethene	20	15	11	ND	7
Methyl tert-butyl ether	23 J	22	20	ND	15
Tetrachloroethene (PCE)	1.1 J	1.3 J	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND
1,1-Dichloroethane	–	ND	ND	0.35 J	0.31 J

PW-6	10/14	10/15	4/16	11/17	10/18
Acetone	ND	1.4 J	ND	ND	ND
Methyl tert-Butyl Ether	0.97 J	130 J	ND	166	86
Tetrachloroethene (PCE)	23	2000	27	1850 J	2500
Ethylbenzene	ND	ND	ND	ND	ND
Xylene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	7.9	61 J	1.3 J	228	40
trans-1,2-Dichloroethene	ND	0.84 J	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	1.8 J	ND	ND	ND

PZ-6A	10/14	10/15	4/16	11/17	10/18
Methyl tert-butyl ether	26	6.8	ND	11.6 J	20 J
trans-1,2-Dichloroethene	5.8	3.0 J	ND	8 J	5.3 J
1,1-Dichloroethene	2.2 J	4.2 J	ND	ND	8.7
Vinyl chloride	1.1 J	0.85 J	ND	ND	1
cis-1,2-Dichloroethene	930	410	910	1720	710
Trichloroethylene (TCE)	400	190	120	346	440
Tetrachloroethene (PCE)	1500	670	790	1670 J	2400
Carbon Disulfide	ND	2.1 J	ND	ND	ND
1,1-Dichloroethane	–	–	–	–	0.55 J
Benzene	–	–	–	–	0.31 J

PW-7	10/14	10/15	4/16	11/17	10/18
Acetone	ND	NS	NS	ND	ND
Methyl tert-Butyl Ether	1.5 J	NS	NS	ND	ND
2-Butanone	ND	NS	NS	ND	ND
Ethylbenzene	ND	NS	NS	ND	ND
Xylene	ND	NS	NS	ND	ND
Styrene	ND	NS	NS	ND	ND
Trichloroethylene (TCE)	1.1 J	NS	NS	572	740
Tetrachloroethene (PCE)	4.0 J	NS	NS	3350 J	5600
1,1-Dichloroethene	ND	NS	NS	ND	11
cis-1,2-Dichloroethene	99	NS	NS	5450	5200
Toluene	ND	NS	NS	ND	ND
trans-1,2-Dichloroethene	ND	NS	NS	34.5 J	ND
Vinyl chloride	13	NS	NS	816	690

MPI-15B	10/14	10/15	4/16	11/17	10/18
2-Butanone	ND	ND	ND	ND	ND
Methyl tert-butyl ether	6.2	1.1 J	ND	10.8	11
Acetone	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	7.2	ND	0.26 J

PW-8	10/14	10/15	4/16	11/17	10/18
1,1-Dichloroethene	1.6 J	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	23	8.4	11	12.6	12
trans-1,2-Dichloroethene	2.8 J	ND	ND	ND	ND
Tetrachloroethene (PCE)	260	170	60	181 J	170
cis-1,2-Dichloroethene	980	150	66	461	480
Methyl tert-Butyl Ether	14	2.7 J	1.2 J	12.8	ND
Acetone	ND	ND	ND	ND	ND
Xylene	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Vinyl Chloride	190	8.9	2.9 J	308	110
Carbon Disulfide	ND	ND	ND	ND	ND

PZ-8C	10/14	10/15	4/16	11/17	10/18
Methyl tert-butyl ether	33	26	36	33.8	19
cis-1,2-Dichloroethene	30	56	19	1.19	5.6
Trichloroethylene (TCE)	2.0 J	ND	ND	ND	0.3 J
Tetrachloroethene (PCE)	22	ND	3.7 J	ND	1.9
trans-1,2-Dichloroethene	ND	1.1 J	ND	0.53 J	0.35 J
Vinyl chloride	63	110	57	15.2	21
Carbon Disulfide	ND	3.0 J	ND	ND	ND

PZ-7D	11/17	10/18
Acetone	60.8 J	20
cis-1,2-Dichloroethene	485	3.8
Tetrachloroethene (PCE)	8.1 J	2.9
trans-1,2-Dichloroethene	3.8 J	0.79 J
Vinyl chloride	108	0.92 J
2-Hexanone	–	48
Benzene	–	0.27 J
Carbon Disulfide	–	0.35 J
2-Butanone	–	12
Trichloroethene (TCE)	–	1.2

MPI-6S	10/14	10/15	4/16	11/17	10/18
Acetone	ND	12 J	7.4	7.33 J	6.6
Trichloroethylene (TCE)	1.5 J	ND	ND	1.54	2
Tetrachloroethene (PCE)	15	ND	ND	7.42 J	17
cis-1,2-Dichloroethene	1300	18 J	27	39.2	68
Methyl tert-Butyl Ether	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	16	ND	1.7 J	0.44 J	0.96 J
2-Butanone	ND	ND	ND	ND	ND
1,1-Dichloroethene	3.2 J	ND	ND	ND	ND
Vinyl Chloride	380	14 J	13	18.2	27
Mythyl Acetate	ND	ND	18 J	ND	ND

MPI-13B/MPI-13BR	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	0.81 J	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	3.7 J	6.7	2.1 J	ND	2
2-Butanone	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND
Methyl tert-butyl ether	–	–	–	0.37 J	ND

PW-4	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	170	110	18 J	220	200
Tetrachloroethene (PCE)	2600	2000	120	2590 J	2800
cis-1,2-Dichloroethene	190 J	81 J	ND	102	92
Acetone	ND	ND	17	ND	ND
2-Butanone	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	17.5 J	ND
Xylene	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND
Methyl tert-butyl ether	9.3	8.5	ND	ND	ND
Toluene	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	2.1 J	1.4 J	ND	ND	ND
Carbon Disulfide	1.4 J	NA	ND	ND	ND

PW-5	10/14	10/15	4/16	11/17	10/18
Acetone	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	2700	2300	620	1590 J	1700
Ethylbenzene	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	69	31	59	45.5 J	51
cis-1,2-Dichloroethene	170	99	120	17 J	11
Xylene	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.82 J	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
Methyl tert-butyl ether	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	4.2 J	3.5 J	ND	ND	ND
Vinyl chloride	ND	8.8	ND	ND	ND

MPI-14B/MW-14BR	10/14	10/15	4/16	11/17	10/18
Vinyl chloride	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	0.42 J	ND
Methyl tert-butyl ether	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	6.2	2.3	ND	2.21	0.37 J
Trichloroethylene (TCE)	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND

MPI-4I	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	41	31	4.3 J	62.3	65
Tetrachloroethene (PCE)	150	71	9.1	276	210
cis-1,2-Dichloroethene	650	720	290	343	440
Methyl tert-Butyl Ether	240	310	340	331	310
trans-1,2-Dichloroethene	2.1 J	1.6 J	ND	ND	ND
Vinyl chloride	130	180	110	428	260
1,1-Dichloroethene	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND

PZ-5A	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	NS	NS	75 J	NS	100
Tetrachloroethene (PCE)	NS	NS	5600	NS	2600

PZ-5B	10/14	10/15	4/16	11/17	10/18
trans-1,2-Dichloroethene	8.0 J	20 J	NS	ND	NS
cis-1,2-Dichloroethene	8.0 J	14 J	NS	ND	NS
Trichloroethylene (TCE)	66	70	NS	120	NS
Tetrachloroethene (PCE)	2100	3000	NS	1970 J	NS

MPI-8S/MPI-8SR	10/14	10/15	4/16	11/17	10/18
cis-1,2-Dichloroethene	37	71	62	55.4	47
Methyl tert-butyl ether	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	130	150	140	76.6	94
trans-1,2-Dichloroethene	1.8 J	1.8 J	2.2 J	0.95 J	1.2 J
Trichloroethylene (TCE)	18	17	13	7.31	8.9
Vinyl chloride	0.55 J	ND	1.4 J	ND	ND
Chloroform	–	–	–	1.2	0.32 J

MPI-9S/MPI-9SR	10/14	10/15	4/16	11/17	10/18
Tetrachloroethene (PCE)	1.7 J	1.2 J	ND	0.6 J	0.73 J
Methyl tert-butyl ether	ND	ND	7.5	ND	ND

LEGEND

- SANITARY SEWER MANHOLE
- MONITORING WELL
- PUMPING WELL
- PIEZOMETER
- EXISTING STRUCTURES AND FEATURES
- FENCE
- PAINE STREET — MAJOR AREA STREETS
- WELLS OR PIEZOMETERS CIRCLED = NOT FOUND (EITHER ABANDONED, DECOMMISSIONED, OR MISSING)

WELL ABBREVIATIONS

EEI	(ECOLOGY & ENVIRONMENT)	PW	PUMPING WELL (TYREE)
ESI	(EMPIRE SOILS WELL (ENVIRONMENTAL SCIENCE)	PZ	PIEZOMETER (TYREE)
MPI	OBSERVATION WELL (MALCOLM-PIRNIE)	RW	RECOVERY WELL (BY OTHERS)
MW	MONITORING WELL (MATRIX)	SP	SPARGE POINT
NA	DATA NOT AVAILABLE	VP	VAPOR COLLECTION POINT
OW	OBSERVATION WELL	MPI-7IR	REPLACEMENT WELL

ANALYTICAL ABBREVIATIONS

ug/L	MICROGRAMS PER LITER
ND	NOT DETECTED
NS	NOT SAMPLED
–	NOT DETECTED OR NOT SAMPLED
J	ESTIMATED VALUE

NOTES:

1. ONLY DETECTED COMPOUNDS ARE PRESENTED.
2. HORIZONTAL CONTROL IS BASED UPON THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1983 ADJUSTMENT (NAD 83).
3. ELEVATIONS ARE BASED UPON NORTH GEODETIC VERTICAL DATUM, 1929 (NGVD 1929).
4. BENCHMARK IS LOCATED NEAR THE NORTHEAST CORNER OF MAIN STREET AND PAINE STREET, BEING A BRASS DISC SET IN THE TOP OF CONCRETE BASE – ELEVATION 916.64'
5. ALL RESULTS ARE SHOWN IN µg/L.
6. FOR CLARITY, ONLY THE LAST 5 YEARS OF SAMPLING DATA IS SHOWN. FOR THE FULL HISTORY OF SAMPLES, SEE PREVIOUSLY SUBMITTED PERIODIC REVIEW REPORTS.

SEE FIGURE 8 FOR SUMMARY OF MONITORING WELL INFORMATION EAST OF WHALEY AVE AND PAINE STREET.

SCALE IN FEET
0 60 120 180

DWG NO.	DATE	DESCRIPTION
DEC 31 ISO.dwg	7/18/94	ISOPOTENTIAL MAP AND CROSS SECTIONS 4/13/94 GROUNDWATER LEVELS MALCOLM PIRNIE INC.
0266G003.dwg	10/17/00	REMEDIAL DESIGN PIPING AND WELL LAYOUT PLAN MALCOLM PIRNIE INC.

REFERENCE DRAWINGS

NO.	DATE	DWN	APP'D	DESCRIPTION
J	1/24/19	KMK	AS	UPDATED PER OCTOBER 2018 SAMPLE EVENT
I	2/2/18	KMK	MGS	UPDATED PER NOVEMBER 2017 SAMPLE EVENT
H	4/7/16	KMK	MGS	UPDATED PER APRIL 2016 SAMPLE EVENT
G	10/18/15	KMK	MGS	UPDATED PER OCT 2015 SAMPLE EVENT
F	12/29/14	KMK	MGS	UPDATED PER OCT 2014 SAMPLE EVENT
E	12/5/13	KMK	MGS	UPDATED PER OCT 2013 SAMPLE EVENT
D	7/20/12	KMK	MGS	UPDATED PER FEB/JUNE 2012 SAMPLE EVENT
C	8/8/10	KMK	MGS	UPDATED PER MAY 2010 SAMPLE EVENT
B	8/30/09	KMK	MGS	UPDATED PER MAY 2009 SAMPLE EVENT
A	12/8/07	KMK	MGS	UPDATED PER AUGUST 2007 SAMPLE EVENT

REVISIONS

FIGURE 7
SUMMARY OF GROUNDWATER ANALYTICAL DATA
MR.C'S DRY CLEANERS SITE LOCATION MAP (WEST)
EAST AURORA, NEW YORK

MW-4	9/05	8/07	4/16	11/17	10/18
Vinyl Chloride	590	ND	NS	NS	NS
Trichloroethylene (TCE)	7.0	ND	NS	NS	NS
Benzene	21.0	5.4 J	NS	NS	NS
trans-1,2-Dichloroethene	3.4	ND	NS	NS	NS
Tetrachloroethene (PCE)	5.3	ND	NS	NS	NS
cis-1,2-Dichloroethene	570	2.5 J	NS	NS	NS
Acetone	ND	ND	NS	NS	NS
Ethylbenzene	7.7	ND	NS	NS	NS
Xylene-Total	ND	1.3	NS	NS	NS
1,3,5 - Trimethylbenzene	ND	ND	NS	NS	NS
tert - Butylbenzene	ND	ND	NS	NS	NS
1,2,4 - Trimethylbenzene	ND	ND	NS	NS	NS
Isopropylbenzene	3.4	4.2 J	NS	NS	NS
n-Propylbenzene	ND	ND	NS	NS	NS
m,p-Xylene	0.55	ND	NS	NS	NS
o-Xylene	0.8	ND	NS	NS	NS
sec-Butylbenzene	ND	ND	NS	NS	NS
Toluene	2.3	ND	NS	NS	NS
1,1-Dichloroethene	1.2	ND	NS	NS	NS
Cyclohexane	75.0	110	NS	NS	NS
Methylcyclohexane	22.0	22.0	NS	NS	NS
Methyl tert-butyl ether	ND	ND	NS	NS	NS

MPI-1S	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	2.4 J	2.3 J	ND	0.92 J	0.82 J
Tetrachloroethene (PCE)	56	45	18	20.6 J	22
cis-1,2-Dichloroethene	2.8 J	3.1 J	2.4 J	1.24	3.6
Vinyl chloride	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND

MW-5	10/14	10/15	4/16	11/17	10/18
Xylene	NS	NS	NS	NS	NS
Vinyl Chloride	NS	NS	NS	NS	NS
Trichloroethylene (TCE)	NS	NS	NS	NS	NS
Benzene	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	NS	NS	NS	NS	NS
Tetrachloroethene (PCE)	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	NS	NS	NS	NS	NS
Methyl tert-Butyl Ether	NS	NS	NS	NS	NS
Toluene	NS	NS	NS	NS	NS
Ethylbenzene	NS	NS	NS	NS	NS
1,3,5 - Trimethylbenzene	NS	NS	NS	NS	NS
1,2,4 - Trimethylbenzene	NS	NS	NS	NS	NS

ESI-5/ESI-5R	10/14	10/15	4/16	11/17	10/18
Tetrachloroethene (PCE)	ND	ND	ND	ND	1.7
cis-1,2-Dichloroethene	–	–	–	–	0.38 J
Trichloroethene (TCE)	–	–	–	–	0.66 J

ESI-4/EE-1	5/10	10/15	4/16	11/17	10/18
Chloroform	ND	NS	NS	NS	NS
1,1,1-Trichloroethane	7.5	NS	NS	NS	NS
Trichloroethylene (TCE)	ND	NS	NS	NS	NS
Tetrachloroethene (PCE)	3.8 J	NS	NS	NS	NS
cis-1,2-Dichloroethene	ND	NS	NS	NS	NS
Methyl tert-butyl ether	ND	NS	NS	NS	NS
1,1-Dichloroethene	ND	NS	NS	NS	NS
1,1-Dichloroethane	ND	NS	NS	NS	NS
2-Butanone	ND	NS	NS	NS	NS
Benzene	ND	NS	NS	NS	NS
Acetone	ND	NS	NS	NS	NS

MW-10	10/13	10/15	4/16	11/17	10/18
Acetone	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	NS	NS	NS	NS	NS
Tetrachloroethene (PCE)	NS	NS	NS	NS	NS

PW-2	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	3.4 J	1.8 J	2.4 J	0.6 J	ND
Tetrachloroethene (PCE)	820	380	270	12.7 J	7.3
cis-1,2-Dichloroethene	ND	ND	1.1 J	3.08	1.4
Methyl tert-Butyl Ether	ND	ND	ND	ND	ND
Acetone	ND	ND	8.8 J	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Xylene	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND

MPI-2S/MPI-2SR	10/14	10/15	4/16	11/17	10/18
1,1,1 Trichloroethane	3.4 J	3.0 J	3.0 J	2.63	ND
Benzene	ND	ND	ND	ND	ND
Chloroform	1.3 J	4.4 J	7.7	6.08	ND
Tetrachloroethene (PCE)	2.9 J	1.9 J	2.5 J	2.37	2.9

MW-6	5/02	9/03	4/16	11/17	10/18
Trichloroethene (TCE)	ND	2	NS	NS	NS
Tetrachloroethene (PCE)	68	74	NS	NS	NS
cis-1,2-Dichloroethene	ND	2	NS	NS	NS

MW-7	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	3.8 J	ND	ND	ND	2.5
Tetrachloroethene (PCE)	1100	840	600	701	760
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Methyl tert-butyl ether	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND

PZ-3B	10/14	10/15	4/16	11/17	10/18
trans-1,2-Dichloroethene	0.78 J	ND	ND	ND	0.41 J
cis-1,2-Dichloroethene	1.9 J	1.2 J	ND	ND	0.5 J
Trichloroethylene (TCE)	7.9	8.4	5.4	5.9	4.9
Tetrachloroethene (PCE)	150	150	130	174	150
1,1,1-Trichloroethane	–	–	–	–	0.61 J
Chloroform	–	–	–	–	0.28 J

MW-8	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	1.7 J	16	2.3 J	3.43	7.8
trans-1,2-Dichloroethene	46	ND	13	7.06	5.2
Tetrachloroethene (PCE)	1.3 J	ND	ND	8.03	8.8
cis-1,2-Dichloroethene	15	12	17	24.6	54
2-Butanone	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Methyl tert-butyl ether	ND	ND	ND	ND	ND
Vinyl chloride	7.2	7.4	8.4	11.8	20
Methylcyclohexane	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND

PW-3	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	4.4 J	2.1 J	ND	ND	ND
Tetrachloroethene (PCE)	220	100	2.3 J	4.56 J	6.1
cis-1,2-Dichloroethene	ND	ND	ND	0.4 J	ND
Methyl tert-Butyl Ether	ND	ND	ND	ND	ND
Acetone	ND	ND	11	2.86 J	ND
2-Butanone	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND
Xylene	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND

MPI-5S	10/14	10/15	4/16	11/17	10/18
Vinyl Chloride	ND	1.5 J	2.3 J	ND	0.48 J
Trichloroethylene (TCE)	5.3	5.7	6.5	4.21	6.2
trans-1,2-Dichloroethene	5.2	4.4 J	2.8 J	1.35	2.1
Tetrachloroethene (PCE)	24	30	33	30.4	19
cis-1,2-Dichloroethene	7.8	8.4	4.2 J	4.38	7.2
Methyl tert-butyl ether	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND
Acetone	–	–	–	1.51 J	ND

MPI-5I	9/03	10/15	4/16	11/17	10/18
Methyl tert-Butyl Ether	4	NS	NS	NS	NS

EE-4	10/14	10/15	4/16	11/17	10/18
cis-1,2-Dichloroethene	ND	NS	NS	NS	NS
trans-1,2-Dichloroethene	1.9 J	NS	NS	NS	NS
Tetrachloroethene (PCE)	1.8 J	NS	NS	NS	NS
Vinyl chloride	1.2 J	NS	NS	NS	NS
Cyclohexane	ND	NS	NS	NS	NS
Isopropylbenzene	2.2 J	NS	NS	NS	NS
Methylcyclohexane	8.3	NS	NS	NS	NS
Trichloroethylene (TCE)	ND	NS	NS	NS	NS

RW-1	10/14	10/15	4/16	11/17	10/18
Chloroform	ND	NS	NS	ND	ND
cis-1,2-Dichloroethene	ND	NS	NS	2.53	4.1
1,1-Dichloroethene	ND	NS	NS	ND	ND
1,1,1-Trichloroethane	ND	NS	NS	ND	ND
Trichloroethylene (TCE)	1.1 J	NS	NS	1.29	0.55 J
Tetrachloroethene (PCE)	180	NS	NS	22.1 J	8.8
Methyl tert-Butyl Ether	ND	NS	NS	ND	ND
Chloromethane	ND	NS	NS	ND	ND

PZ-1D	11/17	10/18
Chloroform	0.42 J	ND
cis-1,2-Dichloroethene	2.31	1.5
Tetrachloroethene (PCE)	17.4	15
trans-1,2-Dichloroethene	0.84 J	ND
Trichloroethylene (TCE)	2.67	2.4

MPI-7I/MPI-7IR	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	2.0 J	1.2 J	ND	0.57 UJ	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND
Methyl tert-butyl ether	ND	ND	ND	0.42 J	ND
Vinyl chloride	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND

ESI-3	10/14	10/15	4/16	11/17	10/18
1,1,1Trichloroethane	ND	ND	1.2 J	1.21	ND
Trichloroethylene (TCE)	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	180	140	150	100 J	96
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether	ND	ND	ND	0.58 J	0.27 J
1,1-Dichloroethane	1.1 J	0.98 J	ND	0.89 J	ND
Chloroform	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND

MW-14	6/04	10/15	4/16	11/17	10/18
Tetrachloroethene (PCE)	180	NS	NS	NS	NS

MW-11	10/14	10/15	4/16	11/17	10/18
cis-1,2-Dichloroethene	ND	ND	ND	ND	NS
Trichloroethylene (TCE)	5.2	4.8 J	3.6 J	ND	NS
Tetrachloroethene (PCE)	1500	1400	1100	61.5	NS
Chloromethane	ND	ND	ND	ND	NS
trans-1,2-Dichloroethene	ND	ND	ND	ND	NS
1,1,1-Trichloroethane	ND	ND	ND	ND	NS
Carbon Dioxide	NA	1.9 J	ND	ND	NS

MPI-10B	10/14	10/15	4/16	11/17	10/18
Trichloroethylene (TCE)	3.8 J	NS	NS	NS	NS
Benzene	ND	NS	NS	NS	NS
Tetrachloroethene (PCE)	220	NS	NS	NS	NS
cis-1,2-Dichloroethene	ND	NS	NS	NS	NS
Methyl tert-Butyl Ether	ND	NS	NS	NS	NS
trans-1,2-Dichloroethene	ND	NS	NS	NS	NS
Chloroform	ND	NS	NS	NS	NS
1,1-Dichloroethane	ND	NS	NS	NS	NS
1,1,1-Trichloroethane	ND	NS	NS	NS	NS

ESI-2/ESI-2R	10/14	10/15	4/16	11/17	10/18
Tetrachloroethene (PCE)	ND	ND	ND	ND	0.54 J
Chloromethane	ND	ND	ND	ND	ND

ESI-1/ESI-1 (REPLACEMENT)	8/07	10/15	4/16	11/17	10/18
1,2 Dichloroethane	ND	NS	NS	NS	NS
Trichloroethylene (TCE)	ND	NS	NS	NS	NS
Tetrachloroethene (PCE)	9.3 J	NS	NS	NS	NS
Carbon disulfide	ND	NS	NS	NS	NS
Chloroform	ND	NS	NS	NS	NS
cis-1,2-Dichloroethene	ND	NS	NS	NS	NS

LEGEND

- SANITARY SEWER MANHOLE
- MONITORING WELL
- PUMPING WELL
- PIEZOMETER
- EXISTING STRUCTURES AND FEATURES
- FENCE
- PAINE STREET — MAJOR AREA STREETS
- WELLS OR PIEZOMETERS CIRCLED = NOT FOUND (EITHER ABANDONED, DECOMMISSIONED, OR MISSING)

WELL ABBREVIATIONS

EEI	(ECOLOGY & ENVIRONMENT)	PW	PUMPING WELL (TYREE)
ESI	EMPIRE SOILS WELL (ENVIRONMENTAL SCIENCE)	PZ	PIEZOMETER (TYREE)
MPI	OBSERVATION WELL (MALCOLM-PIRNIE)	RW	RECOVERY WELL (BY OTHERS)
MW	MONITORING WELL (MATRIX)	SP	SPARGE POINT
NA	DATA NOT AVAILABLE	VP	VAPOR COLLECTION POINT
OW	OBSERVATION WELL	MPI-7IR	REPLACEMENT WELL

ANALYTICAL ABBREVIATIONS

ug/L	MICROGRAMS PER LITER
ND	NOT DETECTED
NS	NOT SAMPLED
–	NOT DETECTED OR NOT SAMPLED
J	ESTIMATED VALUE
UJ	NOT DETECTED/ESTIMATED DETECTION LIMIT

NOTES:

1. ONLY DETECTED COMPOUNDS ARE PRESENTED.
2. HORIZONTAL CONTROL IS BASED UPON THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1983 ADJUSTMENT (NAD 83).
3. ELEVATIONS ARE BASED UPON NORTH GEODETIC VERTICAL DATUM, 1929 (NGVD 1929).
4. BENCHMARK IS LOCATED NEAR THE NORTHEAST CORNER OF MAIN STREET AND PAINE STREET, BEING A BRASS DISC SET IN THE TOP OF CONCRETE BASE – ELEVATION 916.64'
5. ALL RESULTS ARE SHOWN IN ug/L.
6. FOR CLARITY, ONLY THE LAST 5 YEARS OF SAMPLING DATA IS SHOWN. FOR THE FULL HISTORY OF SAMPLES, SEE PREVIOUSLY SUBMITTED PERIODIC REVIEW REPORTS.

SEE FIGURE 7 FOR SUMMARY OF MONITORING WELL INFORMATION WEST OF WHALEY AVE AND PAINE STREET.

SCALE IN FEET
0 60 120 180

REFERENCE DRAWINGS		
DWG NO.	DATE	DESCRIPTION
DEC 31 ISO.dwg	7/18/94	ISOPOTENTIAL MAP AND CROSS SECTIONS 4/13/94 GROUNDWATER LEVELS MALCOLM PIRNIE INC.
02660003.dwg	10/17/00	REMEDIAL DESIGN PIPING AND WELL LAYOUT PLAN MALCOLM PIRNIE INC.

REVISIONS				
NO.	DATE	DWN	APP'D	DESCRIPTION
J	11/24/19	KMK	AS	UPDATED PER OCTOBER 2018 SAMPLE EVENT
I	2/2/18	KMK	MQS	UPDATED PER NOVEMBER 2017 SAMPLE EVENT
H	6/7/16	KMK	MQS	UPDATED PER APRIL 2016 SAMPLE EVENT
G	12/14/15	KMK	MQS	UPDATED PER OCT 2015 SAMPLE EVENT
F	12/29/14	KMK	MQS	UPDATED PER OCT 2014 SAMPLE EVENT
E	12/5/13	KMK	MQS	UPDATED PER OCT 2013 SAMPLE EVENT
D	7/20/12	KMK	MQS	UPDATED PER FEB/JUNE 2012 SAMPLE EVENT
C	6/8/10	KMK	MQS	UPDATED PER MAY 2010 SAMPLE EVENT
B	8/30/09	KMK	MQS	UPDATED PER MAY 2009 SAMPLE EVENT
A	12/8/07	KMK	MQS	UPDATED PER AUGUST 2007 SAMPLE EVENT

FIGURE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA
MR.C'S DRY CLEANERS SITE LOCATION MAP (EAST)
EAST AURORA, NEW YORK

1703074.0011.10
MrC_cVOC_in_GW_2018.srf - 03/05/2019

HORIZONTAL SCALE IN FEET
0 120 240 360

Total chlorinated VOCs in micrograms per liter
5000
1000
500
100
50
10
5
0

Legend
ND = not detected
blank = not sampled
cVOC = sum of PCE + daughter product concentrations
= groundwater flow direction
PW-8 770 Well ID with total cVOCs concentration in µg/L

MPI-15B 0.3
MPI-13B-R 2
PW-8 770
PZ-8C 29
EE-2 1383
PZ-6A 3557
PZ-7D 9.6
MPI-3S 1
PW-6 2600
MPI-6S 115
PZ-7B
PW-7 12200
MPI-14B-R 0.4
MPI-12B
ESI-6 264
EE-3 7
PW-4 3100
PZ-4B
PZ-5A 2700
MPI-4I 975
PZ-5B ND
MPI-8S-R 151
MPI-9S-R 0.7
MPI-4S 29
PW-5 1800
MW-8 96
MPI-1S 26
PZ-2B
ESI-5-R 3
EE-1
PW-2 9
MPI-10B
PZ-3B 156
MPI-5S 35
PW-3 6
MW-11 ND
MW-7 763
EE-4
RW-1 13
PZ-1B
ESI-3 96
PZ-1D 19
MPI-2S-R 3
MPI-7I-R ND
ESI-2-R 0.5

EAST AURORA BUICK CADILLAC GMC
Collision Shop
PAINE STREET
MAIN STREET
WHALEY AVENUE
FILLMORE AVENUE
RIDGE ROAD
BOYS AND GIRLS CLUBS
EAST AURORA VILLAGE HALL
VET. HOSPITAL
AURORA OUTFITTERS
MR. C
DOCKS
ELEC. OUTLET
N.Y.S.E.G. SUB-STATION

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Environmental Specialists

Figure 9
Total Chlorinated VOCs in Groundwater
Mr. C's Dry Cleaners Site
East Aurora, New York
October 2018

1703074.0011.10
MrC_PCE_in_GW_2018.srf - 02/05/2019

HORIZONTAL SCALE IN FEET
0 120 240 360

PCE in micrograms per liter
5000
1000
500
100
50
10
5
0

Legend
ND = not detected
blank = not sampled
PCE = tetrachloroethylene
= groundwater flow direction
PW-8 / 170 = Well ID with PCE concentration in µg/L

MPI-15B 0.26 J
MPI-13B-R 2
PW-8 170
PZ-8C 1.9
PZ-7D 2.9
EE-2 690
PZ-6A 2400
PW-6 2500
MPI-3S ND
MPI-6S 17
PW-7 5600
MPI-14B-R 0.37 J
ESI-6 220
EE-3 ND
PW-4 2800
PZ-5A 2600
MPI-4I 210
MPI-8S-R 94
MPI-9S-R 0.73 J
MPI-4S 7.4
PW-5 1700
MW-8 8.8
MPI-1S 22
ESI-5-R 1.7
PW-2 7.3
PZ-3B 150
MPI-5S 19
PW-3 6.1
MW-7 760
RW-1 8.8
PZ-1D 15
ESI-3 96
MPI-2S-R 2.3
MPI-7I-R ND
ESI-2-R 0.54 J

PAINE STREET
MAIN STREET
WHALEY AVENUE
FILLMORE AVENUE
RIDGE ROAD
EAST AURORA BUICK CADILLAC GMC
Collision Shop
FIRST PRESBYTERIAN CHURCH SOCIETY
BOYS AND GIRLS CLUBS
EAST AURORA VILLAGE HALL
VET HOSPITAL
AURORA OUTFITTERS
MR. C
N.Y.S.E.G. SUB-STATION
ELEC. OUTLET

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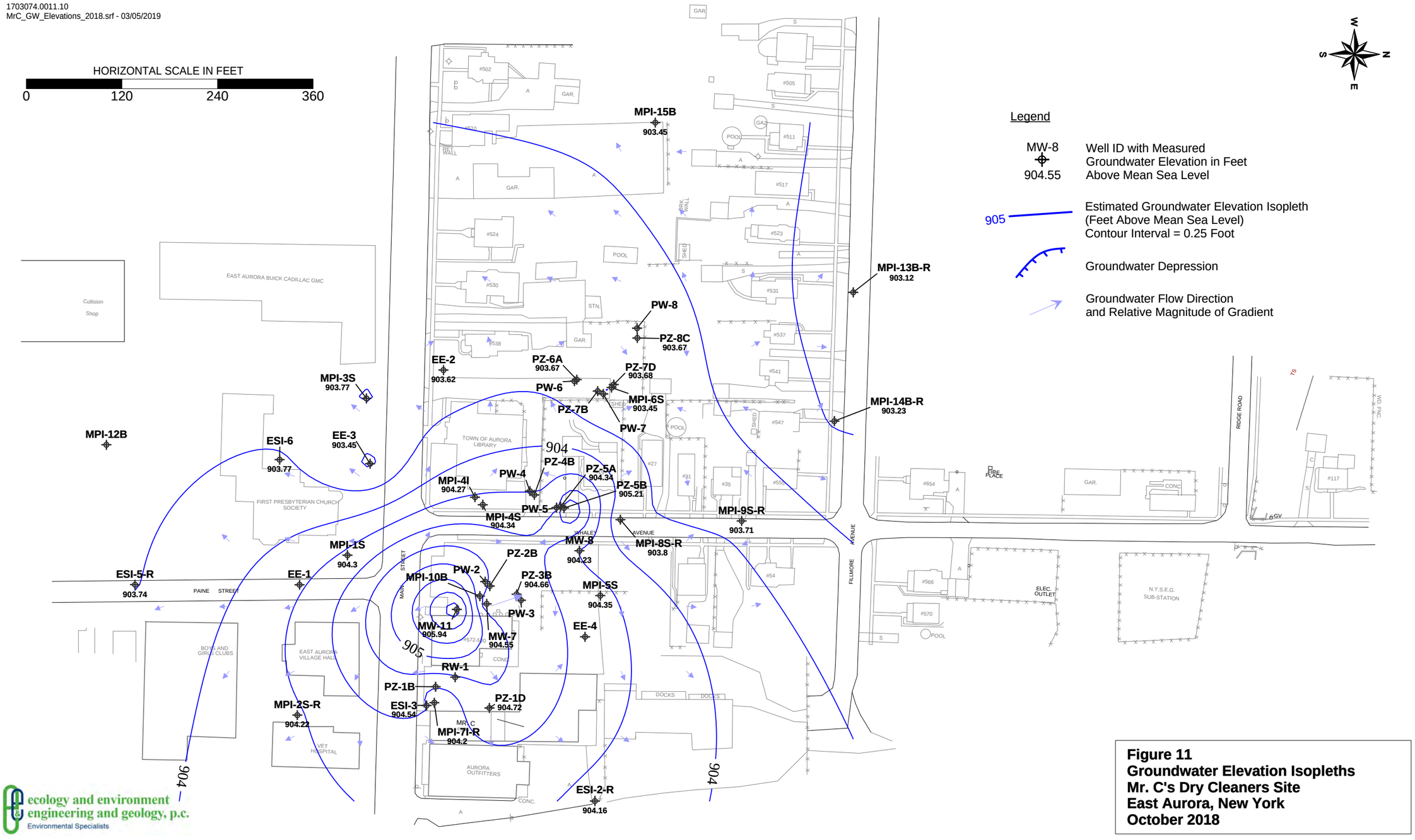
Figure 10
PCE in Groundwater
Mr. C's Dry Cleaners Site
East Aurora, New York
October 2018

1703074.0011.10
MrC_GW_Elevations_2018.srf - 03/05/2019

HORIZONTAL SCALE IN FEET

0 120 240 360



Legend

MW-8 ⌖ 904.55	Well ID with Measured Groundwater Elevation in Feet Above Mean Sea Level
905	Estimated Groundwater Elevation Isopleth (Feet Above Mean Sea Level) Contour Interval = 0.25 Foot
	Groundwater Depression
	Groundwater Flow Direction and Relative Magnitude of Gradient

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Figure 11
Groundwater Elevation Isopleths
Mr. C's Dry Cleaners Site
East Aurora, New York
October 2018

2018 ANNUAL SUMMARY AND LONG-TERM GROUNDWATER SAMPLING REPORT
MR. C's DRY CLEANERS SITE
NYSDEC SITE NUMBER 915157

APPENDICES

Appendix A
2018 Field Measurements, Well Purge Forms and Sample Record

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr C's
Well ID: MW8
EEEPC Project No.: 10C3574.0011.01
Date: 101618

Initial Depth to Water: 11.39 feet TOIC
Start Time: 8:29
Total Well Depth: 13.89 feet TOIC
End Time: 8:56
Depth to Pump: 12.89 feet TOIC
☐ Bailer ☒ Pump
Initial Pump Rate: 200 Lpm / gpm (mL/min)
Pump Type: Typhon
adjusted to: _____ at _____ minutes
Well Diameter: 2" inches
adjusted to: _____ at _____ minutes
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.U.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:29	100mL's	7.05	17.2	-56.6	2.31	0.93	29.2	11.46
08:34	1.1	7.06	18.0	-77.8	2.77	0.45	16.3	11.44
08:39	2.1	7.05	18.2	-77.4	2.26	0.40	8.13	11.44
08:44	3.1	6.98	18.3	-75.1	2.24	0.38	6.85	11.44
08:49	4.1	6.97	18.4	-70.5	2.20	0.32	3.79	11.44
08:54	5.1	6.98	18.5	-69.2	2.16	0.31	2.03	11.44
Final Sample Data:		6.98	18.5	-69.2	2.16	0.31	2.03	11.44

Turned clear

Sample ID: MW8-101618
Duplicate? ☐
Dupe Samp ID: _____
Sample Time: 0856
MS/MSD? ☐

Analyses:	Methods:
☑ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Matthew Gelb, Lavery Roell

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International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: MW C
EEEPC Project No.: 10C3074.0011.011
Well ID: MPI 55
Date: 10-16-18

Initial Depth to Water: 12.10 feet TOIC
Total Well Depth: 17.78 feet TOIC
Depth to Pump: 16.78 feet TOIC
Initial Pump Rate: 1478 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at +/-0.1 minutes +/-10

Start Time: 9:40
End Time: 10:40
☐ Bailer ☑ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
09:40	200 mL	6.60	17.5	110.3	2.67	0.85	5.40	12.05
09:45	1.2	6.70	17.8	93.1	2.65	0.30	7.03	12.05
09:50	2.2	6.74	17.8	73.5	2.64	0.20	2.85	12.05
09:55	3.2	6.77	17.9	64.2	2.64	0.19	1.23	12.05
10:00	4.2	6.78	18.0	58.1	2.64	0.17	1.24	12.05
10:05	5.2	6.80	18.0	46.1	2.64	0.15	1.36	12.05
10:10	6.2	6.80	18.0	34.0	2.64	0.14	0.31	12.05
10:16	7.2	6.80	17.9	38.3	2.64	0.28	0.07	12.05
10:20	8.2	6.82	17.9	36.8	2.64	0.17	0.08	12.05
10:25	9.2	6.83	17.9	30.8	2.64	0.11	0.66	12.05
10:30	10.2	6.86	17.9	27.6	2.64	0.11	0.58	12.05
10:35	11.2	6.87	17.8	24.1	2.65	0.11	1.11	12.05
10:40	12.2	6.86	17.9	22.8	2.64	0.10	0.59	12.05
Final Sample Data:		6.86	17.9	22.8	2.64	0.10	0.59	12.05

Sample ID: MPI 55-101618
Sample Time: 10:40
Duplicate? ☑
MS/MSD? ☐
Dupe Samp ID: MPI 55-101618

Analyses:	Methods:
☑ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Gelb

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International Specialists in the Environment
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Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: MW-C's
Well ID: MPZ-3B
EEEPC Project No.: 10C3074.0011.011
Date: 10/16/18

Initial Depth to Water: 11.60 feet TOIC
Total Well Depth: 24.22 feet TOIC
Depth to Pump: 22.22 feet TOIC
Initial Pump Rate: 200 mL Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 11:20
End Time: 12:15
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2 inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
11:20	200 mL	7.53	14.25	163.2	1.65	7.75	15.6	11.72
11:25	1.2 L	7.42	14.7	153.0	1.67	6.83	19.5	11.72
11:30	2.2 L	7.32	14.5	146.3	1.80	5.90	15.9	11.72
11:35	3.2 L	7.29	14.2	135.2	2.36	4.09	20.3	11.72
11:40	4.2 L	7.25	14.1	113.8	2.62	2.53	27.2	11.72
11:45	5.2	7.25	14.3	96.4	2.74	1.86	29.2	11.72
11:50	6.2	7.29	14.1	79.9	2.80	1.37	28.9	11.72
11:55	7.2	7.32	14.1	67.9	2.83	1.09	25.1	11.72
12:00	8.2	7.30	13.9	57.1	2.85	0.85	25.6	11.72
12:05	9.2	7.27	13.9	52.5	2.87	0.68	22.2	11.72
12:10	10.2	7.28	13.9	51.0	2.88	0.68	23.0	11.72
12:15	11.2	7.29	14.1	48.8	2.89	0.65	20.0	11.72
Final Sample Data:		7.29	14.1	48.8	2.89	0.65	20.0	11.72

Sample ID: PZ3B-101618
Sample Time: 12:20
Duplicate? ☐
MS/MSD? ☒
~~Dupe~~ MS (MSD) Samp ID: PZ3B101618MS
PZ3B101618MSD

Analyses: Methods:
☒ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Mitchell McGeib

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MRC's
Well ID: ESI-2R
EEEPC Project No.: 10C3078.0011.011
Date: 10/16/18

Initial Depth to Water: 13.28 feet TOIC
Total Well Depth: 19.04 feet TOIC
Depth to Pump: 18.04 feet TOIC
Initial Pump Rate: _____ Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 13:25
End Time: 13:57
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm, mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
13:25	200 mL	7.03	12.6	198.5	2.05	3.84	39.8	13.28
13:30	1.2 L	7.02	12.9	175.1	2.06	3.50	22.4	13.28
13:35	2.2	6.98	13.0	171.0	2.06	3.40	13.3	13.28
13:40	3.2	6.97	12.9	167.0	2.06	3.38	6.84	13.28
13:45	4.2	6.99	12.7	165.1	2.06	3.37	4.79	13.28
13:50	5.2	6.98	12.9	163.3	2.06	3.38	3.70	13.28
13:55	6.2	6.97	13.0	161.3	2.06	3.36	2.31	13.28
Final Sample Data:		6.97	13.0	161.3	2.06	3.36	2.31	13.28

10/16/2018

Sample ID: ESI-2R-101618
Sample Time: 13:57
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: / Methods:
☒ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Matthew Gelb, Larry Roedl

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Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: MPCIS

Well ID: MPI-8SR

EEEPC Project No.: 1003074.001.011

Date: 10-16-18

Initial Depth to Water: 10.16 feet TOIC

Start Time: 14:30

Total Well Depth: 17.40 feet TOIC

End Time: 15:40

Depth to Pump: 15.40 feet TOIC

☐ Bailer ☒ Pump

Initial Pump Rate: 200 Lpm / gpm (mLs)

Pump Type: Typhoon

adjusted to: ______ at ______ minutes

Well Diameter: 2" inches

adjusted to: ______ at ______ minutes

1x Well Volume: ______ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp (°C/°F)	ORP (mV)	Conductivity (uS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
14:30	200mLs	6.97	15.8	237.8	3.78	4.56	8.58	10.21
14:35	1.2	7.05	16.1	222.0	3.81	4.06	8.29	10.21
14:40	2.2	7.06	16.3	215.6	3.85	3.97	5.74	10.21
14:45	3.2	7.08	16.2	212.6	3.88	3.77	3.49	10.21
14:50	4.5	7.05	16.2	207.8	3.91	3.41	1.85	10.21
14:55	5.2	7.04	16.2	201.6	3.97	2.65	1.15	10.21
15:00	6.2	7.04	16.3	197.3	3.99	2.23	0.55	10.21
15:05	7.2	7.05	16.3	185.3	4.01	1.97	0.38	10.21
15:10	8.2	7.05	16.3	178.2	4.02	1.71	0.24	10.21
15:15	9.2	7.04	16.3	176.6	4.02	1.61	0.20	10.21
15:20	10.2	7.03	16.3	167.4	4.01	1.42	0.19	10.21
15:25	11.2	7.06	16.2	160.6	4.00	1.36	0.17	10.21
15:30	12.2	7.04	16.2	148.0	3.99	1.32	0.19	10.21
15:35	13.2	7.05	16.2	148.6	3.98	1.32	1.00	10.21
15:40	14.2	7.05	16.2	148.0	3.98	1.32	0.31	10.21
~~15:45~~								
Final Sample Data:		7.05	16.2	148.0	3.98	1.30	0.31	10.21

Larry Roedel 10/16/18

Sample ID: ~~MPI8SR~~-MPI8SR-101618 (LR 10/16/18)

Duplicate? ☐

Dupe Samp ID: ______

Sample Time: 15:40

MS/MSD? ☐

Analyses:
- ☒ VOCs
- ☐ SVOCs
- ☐ PCBs
- ☐ Metals
- ☐ ______

Methods:
- ☐ CLP
- ☐ SW846
- ☐ Drink. Wtr.
- ☐ ______
- ☐ ______

Comments: ______

Sampler(s): Matthew Gielo, Larry Roedel

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International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's
Well ID: ESI-SR
EEEPC Project No.: 10C3074.0011, 011
Date: 10/17/18

Initial Depth to Water: 8.45 feet TOIC
Start Time: 12:45
Total Well Depth: 14.50 feet TOIC
End Time: 14:05
Depth to Pump: 13.50 feet TOIC
☐ Bailer ☑ Pump
Initial Pump Rate: 200 Lpm / gpm (gls)
Pump Type: Typhoon
adjusted to: _____ at _____ minutes
Well Diameter: 2 inches
adjusted to: _____ at _____ minutes
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
12:45	0.2	6.60	17.2	126.4	7.81	0.59	14.20	8.50
12:50	1.2	6.60	17.3	118.6	7.86	0.49	10.43	8.50
12:55	2.2	6.58	17.6	110.3	7.89	0.34	6.22	8.59
13:00	3.2	6.60	17.9	104.9	7.84	0.32	5.01	8.55
13:05	4.2	6.58	17.8	101.6	7.83	0.37	4.48	8.51
13:10	5.2	6.58	17.4	101.6	7.81	0.40	3.89	8.49
13:15	6.2	6.59	18.0	95.6	7.75	0.46	3.76	8.51
13:20	7.2	6.59	18.4	88.4	7.76	0.58	2.96	8.65
13:25	8.2	6.59	18.3	85.3	7.81	0.55	2.39	8.59
13:30	9.2	6.60	18.0	82.9	7.81	0.58	1.54	8.59
13:35	10.2	6.60	18.0	73.4	7.76	0.57	1.37	8.59
13:40	11.2	6.60	18.1	71.7	7.70	0.68	0.74	8.59
13:45	12.2	6.58	17.9	70.4	7.68	0.64	0.58	8.59
13:50	13.2	6.58	17.9	72.7	7.60	0.64	0.47	8.59
13:55	14.2	6.58	17.8	84.5	7.49	0.65	0.44	8.59
14:00	15.2	6.59	17.8	89.5	7.44	0.64	0.25	8.59
14:05	16.2	6.60	17.8	92.0	7.33	0.66	2.42	8.59
Final Sample Data:		6.60	17.8	92.0	7.33	0.66	2.42	8.59

Sample ID: ESI5R-101718
Duplicate? ☐
Dupe Samp ID: _____
Sample Time: 14:05
MS/MSD? ☐

Analyses: / Methods:
☑ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Gello

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International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mw C's
Well ID: E+E 2
EEEPC Project No.: 10C3074.0011.011
Date: 10/17/18

Initial Depth to Water: 12.68 feet TOIC
Start Time: 11:25
Total Well Depth: 31.72 feet TOIC
End Time: 12:15
Depth to Pump: 30.72 feet TOIC
☐ Bailer ☒ Pump
Initial Pump Rate: 200 Lpm / gpm (mls)
Pump Type: Typhoon
adjusted to: _____ at _____ minutes
Well Diameter: 2" inches
adjusted to: _____ at _____ minutes
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
11:25	200mls	6.85	14.6	149.0	2.88	0.98	148	12.86
11:30	1.2L	6.88	14.7	123.0	2.95	0.35	138	13.15
11:35	2.2	6.87	14.7	95.4	3.00	0.23	127	13.20
11:40	3.2	6.87	14.7	71.7	3.04	0.19	110	13.18
11:45	4.2	6.86	14.6	59.3	3.05	0.17	77.7	13.21
11:50	5.2	6.86	14.6	16.3	3.09	0.14	64.3	13.18
11:55	6.2	6.87	14.7	-23.7	3.13	0.13	46.3	13.11
12:00	7.2	6.87	14.7	-20.8	3.14	0.12	33.1	13.15
12:05	8.2	6.88	14.5	-40.7	3.14	0.12	24.8	13.24
12:10	9.2	6.88	14.6	-44.5	3.15	0.11	21.9	13.08
12:15	10.2	6.87	14.7	-48.6	3.15	0.11	19.4	13.09
Final Sample Data:		6.87	14.7	-48.6	3.15	0.11	19.4	13.09

10/17/18

Sample ID: EE2-101718
Duplicate? ☐
Dupe Samp ID: _____
Sample Time: 12:16
MS/MSD? ☐

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's
Well ID: MPI-9S
EEEPC Project No.: 10C3074.0011.011
Date: 10/17/18

Initial Depth to Water: 9.67 feet TOIC
Start Time: 10:22
Total Well Depth: 17.50 feet TOIC
End Time: 10:52
Depth to Pump: 15.50 feet TOIC
☐ Bailer ☒ Pump
Initial Pump Rate: 200 Lpm / gpm (est)
Pump Type: Typhoon
adjusted to: _____ at _____ minutes
Well Diameter: 2" inches
adjusted to: _____ at _____ minutes
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
10:22	0.2	6.73	13.9	4.1	2.31	1.46	>1000	9.75
10:27	1.2	6.71	14.3	34.4	2.52	0.44	64.4	9.75
10:32	2.2	6.70	14.3	38.7	2.57	0.34	55.7	9.75
10:37	3.2	6.69	14.1	42.2	2.64	0.29	37.4	9.75
10:42	4.2	6.68	14.1	32.1	2.65	0.28	27.8	9.75
10:47	5.2	6.68	14.3	30.9	2.65	0.25	18.6	9.75
10:52	6.2	6.67	14.2	33.4	2.67	0.26	12.0	9.75
~~10:57~~								
Final Sample Data:		6.67	14.2	33.4	2.67	0.26	12.0	9.75

10/17/18

Sample ID: MPI 9S-101718
Duplicate? ☐
Dupe Samp ID: _____
Sample Time: 10:54
MS/MSD? ☐

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roesl, Matthew Gelb

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MRC's — Well ID: MPI-14BR

EEEPC Project No.: 10C3074.0011.011 — Date: 10-17-18

Initial Depth to Water: 10.48 feet TOIC — Start Time: 08:45

Total Well Depth: 28.13 feet TOIC — End Time: 09:50

Depth to Pump: 24.13 feet TOIC — ☐ Bailer ☑ Pump

Initial Pump Rate: 200 Lpm / gpm — Pump Type: Typhoon

adjusted to: _____ at _____ minutes — Well Diameter: 2 inches

adjusted to: _____ at _____ minutes — 1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:45	0.2	6.62	13.5	-59.1	2.40	0.53	>1000	10.46
08:50	1.2	6.67	13.7	-64.3	2.39	0.76	>1000	10.46
08:55	2.2	6.66	13.9	-64.4	2.39	1.21	>1000	10.46
09:00	3.2	6.65	13.9	-62.0	2.39	1.13	>1000	10.46
09:05	4.2	6.63	13.9	-59.3	2.39	1.12	>1000	10.46
09:10	5.2	6.61	14.0	-57.6	2.39	0.63	>1000	10.46
09:15	6.2	6.61	14.1	-57.5	2.39	0.66	127	10.46
09:20	7.2	6.61	14.1	-58.7	2.39	0.93	124	10.46
09:25	8.2	6.56	14.2	-57.2	2.39	1.08	88.8	10.46
09:30	9.2	6.62	14.2	-62.4	2.40	0.66	66.0	10.46
09:35	10.2	6.62	14.2	-66.6	2.40	0.48	44.1	10.46
09:40	11.2	6.63	14.2	-67.9	2.40	0.39	36.1	10.49
09:45	12.2	6.63	14.2	-65.5	2.40	0.38	32.4	10.49
09:50	13.2	6.63	14.2	-63.8	2.40	0.37	28.1	10.49
~~09:55~~								
Final Sample Data:		6.63	14.2	-63.5	2.40	0.37	28.1	10.49

Sample ID: MPI 14BR-1017 18 — Duplicate? ☐ — Dupe Samp ID: _____

Sample Time: 09:50 — MS/MSD? ☐

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Lars Roell, Matthew Gelb

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WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's
Well ID: MPMW-15B
EEEPC Project No.: 10C3074.0011.011
Date: 10/18/2018

Initial Depth to Water: 10.27 feet TOIC
Total Well Depth: 18.31 feet TOIC
Depth to Pump: 17.31 feet TOIC
Initial Pump Rate: 1.200 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 08:21
End Time: 08:56
☐ Bailer ☑ Pump
Pump Type: Typhoon
Well Diameter: 2 inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:21	0.2 L	6.87	13.1	129.4	1.95	2.85	101	10.42
08:26	1.2	6.83	13.3	-44.3	1.90	1.46	114	10.89
08:31	2.2	6.80	13.2	-74.9	1.81	0.45	41.4	10.89
08:36	3.2	6.80	13.1	-85.6	1.78	0.29	21.0	10.89
08:41	4.2	6.81	13.1	-90.7	1.77	0.23	13.9	10.89
08:46	5.2	6.81	13.1	-94.6	1.77	0.19	8.57	10.89
08:51	6.2	6.81	13.0	-96.9	1.76	0.20	5.13	10.89
08:56	7.2	6.81	13.0	-97.8	1.76	0.20	5.91	10.89
Final Sample Data:		6.81	13.0	-97.8	1.76	0.20	5.91	10.89

Matt Gelb 10/18/18

Sample ID: MPMW-15B-101818
Sample Time: 08:56
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: Methods:
☑ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Matthew Gelb, Larry Roesl

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WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's
Well ID: EE-3
EEEPC Project No.: 10C3074.001.001
Date: 10/18/18

Initial Depth to Water: 11.19 feet TOIC
Total Well Depth: 28.01 feet TOIC
Depth to Pump: 27.01 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 09:37
End Time: 10:42
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2 inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm,mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
09:37	0.2	6.68	13.0	110.0	3.82	1.64	142	11.32
09:42	1.2	6.73	14.3	99.1	3.88	0.88	145	11.30
09:47	2.2	6.72	14.2	70.3	3.88	0.60	158	11.30
09:52	3.2	6.75	13.4	0.1	3.89	0.37	146	11.30
09:57	4.2	6.76	13.2	-22.0	3.89	0.30	145	11.30
10:02	5.2	6.76	13.5	-33.7	3.88	0.21	108.4	11.30
10:07	6.2	6.77	13.4	-41.3	3.89	0.18	89.1	11.30
10:12	7.2	6.78	13.1	-42.5	3.89	0.14	56.9	11.30
10:17	8.2	6.77	13.3	-44.7	3.89	0.16	39.3	11.30
10:22	9.2	6.79	13.3	-52.5	3.88	0.13	38.0	11.30
10:27	10.2	6.79	13.3	-56.3	3.89	0.14	31.5	11.30
10:32	11.2	6.78	13.2	-58.9	3.87	0.11	27.1	11.30
10:37	12.2	6.78	13.2	-60.1	3.87	0.14	29.2	11.30
10:42	13.2	6.79	13.2	-61.6	3.87	0.14	28.1	11.30
~~10:47~~ 10/18/18								
Final Sample Data:		6.79	13.2	-61.6	3.87	0.14	28.1	11.30

Sample ID: EE3-101818
Sample Time: 10:46
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: / Methods:
☒ VOCs / ☐ CLP
☐ SVOCs / ☐ SW846
☐ PCBs / ☐ Drink. Wtr.
☐ Metals / ☐ _____
☐ _____ / ☐ _____

Comments: _____

Sampler(s): Matthew Gelb, Larry Rapal

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MVC's
Well ID: MPI-3S
EEEPC Project No.: 10C3074.0011.011
Date: 10/18/18

Initial Depth to Water: 10.63 feet TOIC
Start Time: 11:10
Total Well Depth: 17.86 feet TOIC
End Time: 11:43
Depth to Pump: 15.86 feet TOIC
☐ Bailer ☒ Pump
Initial Pump Rate: 200 Lpm / gpm (mL/s)
Pump Type: Typhoon
adjusted to: ______ at ______ minutes
Well Diameter: 2" inches
adjusted to: ______ at ______ minutes
1x Well Volume: ______ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
11:10	0.2	6.97	14.1	-61.4	2.23	1.00	144	10.91
11:15	1.2	6.94	14.5	-65.6	2.26	0.23	109.1	10.81
11:20	2.2	6.91	14.5	-83.7	2.27	0.16	61.5	10.75
11:25	3.2	6.91	14.5	-91.3	2.27	0.13	34.3	10.75
11:30	4.2	6.91	14.5	-93.6	2.27	0.10	21.6	10.75
11:35	5.2	6.91	14.5	-95.1	2.27	0.10	19.0	10.75
11:40	6.2	6.91	14.5	-95.7	2.27	0.10	11.74	10.75
Final Sample Data:		6.91	14.5	-95.7	2.27	0.10	11.74	10.75

Sample ID: MPI3S-101818
Duplicate? ☐
Dupe Samp ID: ______
Sample Time: 11:43
MS/MSD? ☐

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ ______
☐ ______	☐ ______

Comments: ______

Sampler(s): Matthew Gelb, Larry Roedl

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WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr C's
Well ID: MPI-1S
EEEPC Project No.: 10C3074.0011.01
Date: 10/18/18

Initial Depth to Water: 10.78 feet TOIC
Total Well Depth: 18.98 feet TOIC
Depth to Pump: 17.98 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 12:20
End Time: 12:55
☐ Bailer ☑ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
12:20	0.2	6.72	13.0	96.0	3.85	1.31	23.4	10.97
12:25	1.2	6.75	13.5	80.7	3.99	0.82	17.8	11.09
12:30	2.2	6.74	13.7	90.9	4.08	0.71	13.6	11.14
12:35	3.2	6.74	13.8	97.5	4.08	0.71	12.09	11.17
12:40	4.2	6.70	13.8	104.9	4.09	0.72	8.67	11.21
12:45	5.2	6.73	13.9	111.5	4.18	0.74	5.31	11.21
12:50	6.2	6.72	13.9	114.1	4.24	0.73	4.41	11.24
12:55	7.2	6.74	13.9	114.7	4.29	0.73	4.05	11.24
Final Sample Data:		6.74	13.9	114.7	4.29	0.73	4.05	11.24

Larry Roedl 10/18/18

Sample ID: MPI-1S-101818
Sample Time: 12:57
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: Methods:
☑ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____
Sampler(s): Larry Roedl ; Matthew Gelb

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MRC'S
EEEPC Project No.: 10C3074-0011.011
Well ID: ESI 6
Date: 10/18/18

Initial Depth to Water: 10.71 feet TOIC
Total Well Depth: 16.31 feet TOIC
Depth to Pump: 15.31 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 13:35
End Time: 14:30
☐ Bailer ☑ Pump
Pump Type: Typhoon
Well Diameter: 2 inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
13:35	0.2	6.93	14.4	178.0	3.44	0.77	41.5	10.71
13:40	1.2	6.94	14.9	151.8	3.49	0.23	28.6	10.71
13:45	2.2	6.94	15.0	137.0	3.49	0.19	19.1	10.71
13:50	3.2	6.93	15.0	120.5	3.50	0.14	15.2	10.71
13:55	4.2	6.92	15.1	102.4	3.50	0.13	11.47	10.71
14:00	5.2	6.90	15.1	90.9	3.50	0.13	7.38	10.71
14:05	6.2	6.93	15.1	77.3	3.50	0.12	4.60	10.71
14:10	7.2	6.92	15.1	69.1	3.50	0.13	3.45	10.71
14:15	8.2	6.92	15.1	62.8	3.50	0.12	1.74	10.71
14:20	9.2	6.92	15.1	56.7	3.50	0.11	1.49	10.71
14:25	10.2	6.92	15.1	51.6	3.50	0.10	1.25	10.71
14:30	11.2	6.92	15.1	48.0	3.50	0.10	1.12	10.71
Final Sample Data:		6.92	15.1	48.0	3.50	0.10	1.12	10.71

10/18/18

Sample ID: ESI 6-101818
Sample Time: 14:30
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: Methods:
☑ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Larry Roedl ; Matthew Gelb

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MW C's
EEEPC Project No.: 10C3074.0011.011

Well ID: ~~PZ-6~~ R PZ-6A
Date: 10/19/18

Initial Depth to Water: 11.89 feet TOIC
Total Well Depth: 28.71 feet TOIC
Depth to Pump: 27.71 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 08:02
End Time: 08:52
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:02	0.2	6.76	12.7	17.1	3.01	1.70	29.4	12.28
08:07	1.2	6.83	12.7	-8.9	3.32	0.64	24.6	12.34
8:12	2.2	6.85	12.8	-19.2	3.35	0.31	15.0	12.15
8:17	3.2	6.86	12.9	-14.1	3.37	0.30	11.9	12.18
8:22	4.2	6.86	12.8	-28.9	3.37	0.40	11.35	12.33
8:27	5.2	6.87	12.7	-32.6	3.38	0.34	8.37	12.31
8:32	6.2	6.87	12.7	-37.8	3.38	0.31	8.55	12.31
8:37	7.2	6.87	12.7	-39.2	3.38	0.31	7.89	12.31
8:42	8.2	6.87	12.7	-41.5	3.38	0.27	8.60	12.31
8:47	9.2	6.88	12.7	-42.0	3.38	0.26	7.38	12.31
8:52	10.2	6.87	12.7	-42.2	3.38	0.26	7.39	12.31
Final Sample Data:		6.87	12.7	-42.2	3.38	0.26	7.39	12.31

10/19/18

Sample ID: PZ-6A-101918
Sample Time: 08:52

Duplicate? ☒
MS/MSD? ☐

Dupe Samp ID: PZ-6A-101918Q

Analyses: Methods:
☒ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Larry Rozell, Matthew Geib

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MRL'S
EEEPC Project No.: 10C3074.0011.04
Well ID: MPI6S
Date: 10/19/18

Initial Depth to Water: 11.58 feet TOIC
Total Well Depth: 21.58 feet TOIC
Depth to Pump: 20.58 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: ______ at ______ minutes
adjusted to: ______ at ______ minutes

Start Time: 09:11
End Time: 10:16
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: ______ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
09:11	0.2	6.36	13.8	-144.9	2.84	0.47	21.3	11.71
09:16	1.2	6.39	13.8	-185.6	2.85	0.15	11.20	12.14
09:21	2.2	6.40	13.8	-225.2	2.88	0.11	11.46	12.39
09:26	3.2	6.38	13.7	-345.6	2.93	0.08	7.85	12.34
09:31	4.2	6.35	13.7	-427.4	2.97	0.12	6.66	12.30
09:36	5.2	6.32	13.7	-514.2	2.99	0.10	6.10	12.30
09:41	6.2	6.30	13.5	-522.3	3.01	0.10	6.77	12.30
09:46	7.2	6.29	13.5	-519.0	3.03	0.09	6.71	12.32
09:51	8.2	6.28	13.5	-513.2	3.03	0.09	6.47	12.38
09:56	9.2	6.27	13.6	-540.9	3.03	0.08	6.47	12.38
10:01	10.2	6.27	13.6	-525.9	3.03	0.09	6.87	12.38
10:06	11.2	6.27	13.6	-519.2	3.02	0.08	7.72	12.38
10:11	12.2	6.27	13.6	-509.7	3.01	0.08	7.31	12.38
10:16	13.2	6.27	13.6	-510.6	3.01	0.08	7.89	12.38
~~10:21~~								
Final Sample Data:		6.27	13.6	-510.6	3.01	0.08	7.89	12.38

(lined out: Larry Roedl 10/19/18)

Sample ID: MPI6S-101918
Sample Time: 10:16
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: ______

Analyses:
☒ VOCs
☐ SVOCs
☐ PCBs
☐ Metals
☐ ______

Methods:
☐ CLP
☐ SW846
☐ Drink. Wtr.
☐ ______
☐ ______

Comments: Sulfur odor

Sampler(s): Larry Roedl, Matthew Gelb

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WELL PURGE & SAMPLE RECORD

Site Name/Location: MCC's
EEEPC Project No.: 1003074.0011.01

Well ID: P27D
Date: 10/19/18

Initial Depth to Water: 11.27 feet TOIC
Total Well Depth: 26.70 feet TOIC
Depth to Pump: 25.70 feet TOIC
Initial Pump Rate: 200 Lpm / gpm (ml/s)
adjusted to: ____ at ____ minutes
adjusted to: ____ at ____ minutes

Start Time: 10:35
End Time: 11:35
☐ Bailer ☑ Pump
Pump Type: Typhoon
Well Diameter: 4" inches
1x Well Volume: ____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (ºC/ºF)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
10:35	0.2	6.02	12.5	-179.8	4.68	0.64	35.5	11.58
10:40	1.2	6.03	12.8	-193.5	4.71	0.19	44.1	12.02
10:45	2.2	6.04	12.9	-196.4	4.72	0.20	53.0	12.20
10:50	3.2	6.05	12.9	-205.3	4.72	0.14	41.8	12.31
10:55	4.2	6.06	13.0	-208.9	4.72	0.12	47.1	12.41
11:00	5.2	6.06	13.0	-205.3	4.72	0.11	50.2	12.64
11:05	6.2	6.08	13.0	-214.8	4.72	0.09	55.0	12.74
11:10	7.2	6.07	13.1	-213.4	4.72	0.08	49.9	12.84
11:15	8.2	6.13	13.1	-216.7	4.71	0.13	50.8	12.91
11:20	9.2	6.16	13.0	-218.9	4.71	0.09	46.6	13.05
11:25	10.2	6.17	13.2	-221.7	4.70	0.08	40.7	13.44
11:30	11.2	6.17	13.3	-222.2	4.70	0.08	~~35~~.8	13.47
11:35	12.2	6.18	13.6	-222.6	4.69	0.09	38.1	13.46
~~11:40~~	~~13.2~~							
Final Sample Data:		6.18	13.6	-222.6	4.69	0.09	38.1	13.46

Matt Celb 10/19/18

Sample ID: P27D-101918
Sample Time: 11:40
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: ____

Analyses:
☒ VOCs
☐ SVOCs
☐ PCBs
☐ Metals
☐ ____

Methods:
☐ CLP
☐ SW846
☐ Drink. Wtr.
☐ ____
☐ ____

Comments: Water Level Keep Dropping, System was Turn Back on on Tuesday. this may be why the water Has Suspened Solid and Opaque looking.

Sampler(s): Larry Roedl, Matthew Celb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: MW C's
Well ID: PZ-8C
EEEPC Project No.: 10C3074.0011.011
Date: 10/19/18

Initial Depth to Water: 8.03 feet TOIC
Total Well Depth: 29.18 feet TOIC
Depth to Pump: _____ feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 12:05
End Time: _____
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm,mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
12:05	0.2	6.94	11.8	-183.4	2.58	0.25	>1000	8.11
12:10	1.2	6.97	11.7	-196.7	2.59	0.18	>1000	8.11
12:15	2.2	6.88	11.7	-202.3	2.66	0.29	55.3	8.09
12:20	3.2	6.87	11.7	-201.3	2.77	0.22	29.6	8.09
12:25	4.2	6.86	11.7	-205.2	2.83	0.24	29.0	8.09
12:30	5.2	6.90	11.7	-196.5	2.89	0.26	28.1	8.11
12:35	6.2	6.90	11.6	-205.1	2.96	0.20	14.3	8.11
12:40	7.2	6.72	11.6	-207.4	3.00	0.18	10.19	8.11
12:45	8.2	6.86	11.6	-208.4	3.10	0.17	6.66	8.11
12:50	9.2	6.87	11.6	-207.0	3.13	0.16	4.30	8.11
12:55	10.2	6.86	11.6	-198.7	3.18	0.14	3.26	8.11
13:00	11.2	6.86	11.6	-204.9	3.19	0.14	3.16	8.11
13:05	12.2	6.87	11.6	-207.7	3.21	0.13	2.09	8.11
Final Sample Data:		6.87	11.6	-207.7	3.21	0.13	2.09	8.11

Sample ID: PZ-8C-101918
Sample Time: 13:10
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: Methods:
☒ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Gelb

eurofins | Spectrum Analytical

CHAIN OF CUSTODY RECORD

Special Handling:

☒ Standard TAT - 7 to 10 business days
☐ Rush TAT - Date Needed: ____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Petrode
368 Pleasantview Dr
Lancaster NY 14086

Telephone #: 716 689-3060
Project Mgr: Ashlee Petrode

Invoice To: Ashlee Petrode
368 Pleasantview Dr
Lancaster NY 14086

P.O No.: ____ Quote #: ____

Project No: 1UC 3074.0011 511
Site Name: Mr C's
Location: East Aurora State: NY
Sampler(s): L Rizzo / Matt Stier

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=____ 12=____

List Preservative Code below: 2

QA/QC Reporting Notes:
* additional charges may appply

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=____ X2=____ X3=____

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☒ Other: As per contract
State-specific reporting standards:

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260	Check if chlorinated
	TB-101618	10-16-18	8:00	G	GW	1				X	☐
	MW8-101618	10/16/18	8:56	G	GW	3				X	☐
	MPI5S-101618	10/16/18	10:40	G	GW	3				X	☐
	MPI5S-101618G	10/16/18	10:40	G	GW	3				X	☐
	PZ3B-101618	10/16/18	12:20	G	GW	3				X	☐
	PZ3P-101618 MS	10/16/18	12:20	G	GW	3				X	☐
	PZ3P-101618 MSD	10/16/18	12:20	G	GW	3				X	☐
	ESI-2R 101618	10/16/18	13:57	G	GW	3				X	☐
	MPI8SR 101618	10/16/18	15:40	G	GW	3				X	☐
	ESI5R	10/16/18	14:05	G	GW	3				X	☐

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]		10/16/18	13:00	Observed
				Correction Factor
				Corrected
				IR ID #

☐ EDD format: As per Contract
☐ E-mail to: ____

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

eurofins | Spectrum Analytical

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:

☑ Standard TAT - 7 to 10 business days

☐ Rush TAT - Date Needed: ______

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Putnode
368 Pleasantview Dr
Lancaster NY 14086

Telephone #: 716 [illegible]-8060
Project Mgr: Ashlee Putnode

Invoice To: Ashlee Putnode
368 Pleasantview Dr
Lancaster NY 14086

P.O No.: ______ Quote #: ______

Project No: 16.3274.00R011
Site Name: Mr C's
Location: East Aurora State: NY
Sampler(s): [illegible]

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=______ 12=______

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=______ X2=______ X3=______

G= Grab C=Compsite

List Preservative Code below: 2

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analysis: 8260								Check if chlorinated
	EE2-101718	10/17/18	12:16	G	GW	3					X								☐
	MPI 95-101718	10/17/18	10:54	G	GW	3					X								☐
	MPI 14BR-101718	10/17/18	9:50	G	GW	3					X								☐
	MPI 13B-101818	10/18/18	0856	G	GW	3					X								☐
	EE3-101818	10/18/18	10:46	G	GW	3					X								☐
	MPI 3S-101818	10/18/18	11:42	G	GW	3					X								☐
	MPI 1S-101818	10/18/18	12:57	G	GW	3					X								☐
	ESI-6 101818	10/18/18	14:30	G	GW	3					X								☐
	PZ6A-101918	10/19/18	856	G	GW	3					X								☐
	PZ6A-101918Q	10/19/18	8:56	G	GW	3					X								☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☑ Other: AS per contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]		10/[illegible]/18	13:10	Observed
				Correction Factor
				Corrected
				IR ID #

☐ EDD format: As per contract
☐ E-mail to: ______

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SPECTRUM ANALYTICAL, INC.

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: ______

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed.

Report To: Ashlee Patnode
365 Pleasant View Drive
Lancaster NY 14086

Telephone #: 716 684-8060
Project Mgr: Ashlee Patnode

Invoice To: Ashlee Patnode
365 Pleasant View Dr
Lancaster NY 14086

P.O No.: ______ Quote/RQN: ______

Project No: 1X3074.0011.011
Site Name: McC's
Location: East Aurora State: NY
Sampler(s): [illegible]

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=______ 12=______

DW=Dinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=______ X2=______ X3=______

G= Grab C=Compsite

List Preservative Code below: 2

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		8260								Check if chlorinated
	MPI65-101918	10/19/18	10:16	G	GW	3					X								☐
	PZ7D-101918	10/19/18	11:40	G	GW	3					X								☐
	PZ8C-101918	10/19/18	13:10	G	GW	3					X								☐
																			☐
																			☐
																			☐
																			☐
																			☐
																			☐
																			☐

Lauren Reed 10/19/18

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: As per contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
Lauren Reed		10/19/18	15:00	Observed
				Corecction Factor
				Corrected
				IR ID #

☐ EDD format: As per Contract.
☐ E-mail to: ______

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

1 of 2

MQ

WELL PURGE & SAMPLE RECORD

Site Name/Location: MW C15 — Well ID: ESI-3

EEEPC Project No.: 10 3074.000.000 — Date: 10/22/18

Initial Depth to Water: 11.31 feet TOIC — Start Time: 08:20

Total Well Depth: 15.03 feet TOIC — End Time: 09:45

Depth to Pump: 14.03 feet TOIC — ☐ Bailer ☑ Pump

Initial Pump Rate: 0.2 Lpm / gpm — Pump Type: Typhoon

adjusted to: _____ at _____ minutes — Well Diameter: 2 inches

adjusted to: _____ at _____ minutes — 1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm,mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:20	0.2 L	7.54	15.2	143.5	2.21	1.88	62.4	11.32
08:25	1.2	7.51	15.6	145.6	2.43	0.78	53.4	11.32
08:30	2.2	7.50	15.7	146.3	2.54	0.59	31.8	11.32
08:35	3.2	7.51	15.6	143.2	2.55	0.54	20.7	11.32
08:40	4.2	7.51	15.6	134.7	2.56	0.54	16.1	11.32
08:45	5.2	7.51	15.7	130.2	2.55	0.59	11.5	11.32
08:50	6.2	7.51	15.8	132.6	2.55	0.68	11.2	11.32
08:55	7.2	7.51	15.7	120.4	2.54	1.90	8.58	11.32
09:00	8.2	7.52	15.7	115.9	2.53	1.91	6.61	11.32
09:05	9.2	7.52	15.7	114.1	2.53	1.86	5.12	11.32
09:10	10.2	7.51	15.8	112.3	2.53	1.56	4.32	11.32
09:15	11.2	7.51	15.8	110.5	2.53	1.23	3.37	11.32
09:20	12.2	7.52	15.8	108.4	2.53	0.94	2.91	11.32
09:25	13.2	7.52	15.8	107.6	2.53	0.89	2.09	11.32
09:30	14.2	7.52	15.8	105.24	2.52	0.84	2.03	11.32
09:35	15.2	7.52	15.9	100.0	2.52	0.80	2.66	11.32
09:40	16.2	7.52	15.9	98.4	2.52	0.80	1.74	11.32
09:45	17.2	7.52	15.8	97.1	2.52	0.78	1.48	11.32
Final Sample Data:		7.52	15.8	97.1	2.52	0.78	1.48	11.32

Sample ID: ESI-3-102218 — Duplicate? ☐ — Dupe Samp ID: _____

Sample Time: 09:45 — MS/MSD? ☐

Analyses:	Methods:
☑ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roell, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mp-C's — Well ID: MPI-7IR
EEEPC Project No.: 10C3074.0016.001 — Date: 10/22/18

Initial Depth to Water: 11.24 feet TOIC — Start Time: 10:10
Total Well Depth: 38.15 feet TOIC — End Time: 11:44
Depth to Pump: _____ feet TOIC — ☐ Bailer ☒ Pump
Initial Pump Rate: 200 Lpm / gpm (est.) — Pump Type: Typhoon
adjusted to: _____ at _____ minutes — Well Diameter: 2" inches
adjusted to: _____ at _____ minutes — 1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
10:10	0.2	7.56	13.2	-11.6	3.75	0.59	13.6	12.02
10:15	1.2	7.53	13.2	-9.9	3.78	0.36	12.4	12.28
10:20	2.2	7.53	13.3	-1.5	3.78	0.26	12.2	12.17
10:25	3.2	7.55	13.3	9.7	3.77	0.25	13.2	12.12
10:30	4.2	7.52	13.3	8.3	3.78	0.26	13.1	12.09
10:35	5.2	7.48	13.4	-10.3	3.73	0.27	13.2	12.13
10:40	6.2	7.48	13.2	-20.3	3.72	0.29	13.0	12.17
10:45	7.2	7.45	13.2	-31.0	3.70	0.46	11.9	12.17
10:50	8.2	7.44	13.2	-38.6	3.70	0.88	11.01	12.17
10:55	9.2	7.43	13.2	-50.7	3.68	0.74	11.0	12.17
11:00	10.2	7.45	13.2	-53.0	3.68	0.47	10.07	12.17
11:05	11.2	7.46	13.2	-55.0	3.67	0.28	11.2	12.17
11:10	12.2	7.45	13.2	-55.1	3.67	0.27	9.91	12.17
11:15	13.2	7.40	13.2	-69.7	3.66	0.25	12.0	12.17
11:20	14.2	7.39	13.3	-64.2	3.66	0.24	11.8	12.17
11:25	15.2	7.38	13.3	-58.1	3.66	0.22	11.3	12.17
11:30	16.2	7.39	13.3	-68.0	3.46	0.22	10.9	12.17
							Pump off 10/22/18	
Final Sample Data:		7.39	13.3	-68.0	3.46	0.22	10.9	12.17

Sample ID: MPI-7IR-102218 — Duplicate? ☐ — Dupe Samp ID: _____
Sample Time: 11:44 — MS/MSD? ☐

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: McC's — Well ID: PZ-1D
EEEPC Project No.: 10C3174.000.010 — Date: 10/22/18

Initial Depth to Water: 12.54 feet TOIC — Start Time: 11:54
Total Well Depth: 30.19 feet TOIC — End Time: 12:49
Depth to Pump: 29.19 feet TOIC — ☐ Bailer ☒ Pump
Initial Pump Rate: 0.2 Lpm / gpm — Pump Type: Typhoon
adjusted to: ____ at ____ minutes — Well Diameter: 2" inches
adjusted to: ____ at ____ minutes — 1x Well Volume: ____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
11:54	200 mls	7.66	15.0	85.7	2.49	4.25	41.2	12.52
11:59	1.2	7.54	15.0	74.2	2.60	1.43	38.2	12.53
12:04	2.2	7.53	15.2	68.9	2.63	1.05	29.6	12.53
12:09	3.2	7.52	15.2	61.3	2.65	0.85	22.5	12.53
12:14	4.2	7.52	15.2	53.8	2.66	0.79	18.5	12.53
12:19	5.2	7.51	15.3	50.9	2.66	0.77	14.8	12.53
12:24	6.2	7.51	15.1	49.6	2.67	0.74	14.5	12.53
12:29	7.2	7.51	15.4	48.0	2.66	0.72	10.87	12.53
12:34	8.2	7.51	15.2	47.3	2.68	0.72	9.74	12.53
12:39	9.2	7.551	15.2	48.1	2.68	0.70	6.97	12.53
~~12:44~~	10.2							
12:49	11.2							
Final Sample Data:		7.51	15.2	48.1	2.68	0.70	6.97	12.53

Leonie Roell 10/22/18

Sample ID: PZ-1D-102218 — Duplicate? ☐ — Dupe Samp ID: ____
Sample Time: 12:49 — MS/MSD? ☐

Analyses:	Methods:
☑ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ ____
☐ ____	☐ ____

Comments: ____

Sampler(s): Larry Roell, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: NRC's — Well ID: PZ-5A
EEEPC Project No.: 10C3074.00R.010 — Date: 10/22/18

Initial Depth to Water: 10.82 feet TOIC — Start Time: 13:10
Total Well Depth: 28.30 feet TOIC — End Time: 14:02
Depth to Pump: 27.30 feet TOIC — ☐ Bailer ☒ Pump
Initial Pump Rate: 0.2 Lpm / gpm — Pump Type: Typhoon
adjusted to: _____ at _____ minutes — Well Diameter: 2" inches
adjusted to: _____ at _____ minutes — 1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
13:10	0.2	7.38	14.3	119.7	3.56	1.08	13.2	10.93
13:15	1.2	7.38	14.1	107.0	3.78	0.43	27.8	10.93
13:20	2.2	7.38	14.0	97.1	3.95	0.27	32.5	10.93
13:25	3.2	7.38	14.1	87.8	3.99	0.22	25.6	10.93
13:30	4.2	7.39	14.0	81.2	4.00	0.19	21.2	10.93
13:35	5.2	7.39	14.0	74.0	3.98	0.17	14.0	10.93
13:40	6.2	7.40	14.0	69.1	3.95	0.16	10.73	10.93
13:45	7.2	7.39	14.0	66.7	3.95	0.15	10.15	10.93
13:50	8.2	7.40	14.0	65.9	3.95	0.15	9.05	10.93
13:55	9.2	7.40	14.0	62.3	3.94	0.15	7.30	10.93
Final Sample Data:		7.40	14.0	62.3	3.94	0.15	7.30	10.93

10/22/18

Sample ID: PZ-5A-102218 — Duplicate? ☐ — Dupe Samp ID: _____
Sample Time: 14:02 — MS/MSD? ☒

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr C's
Well ID: MPI 25R
EEEPC Project No.: 102304.0011.08
Date: 10/23/18

Initial Depth to Water: 11.41 feet TOIC
Total Well Depth: 18.35 feet TOIC
Depth to Pump: 17.35 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 08:11
End Time: 08:26
☐ Bailer ☑ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:11	0.2	7.44	15.1	208.6	2.35	5.61	41.9	11.45
08:16	1.2	7.44	15.0	208.4	2.35	5.23	26.6	11.45
08:21	2.2	7.44	15.0	207.2	2.35	5.33	14.4	11.45
08:26	3.2	7.44	15.0	206.6	2.35	5.18	10.41	11.45
Final Sample Data:		7.44	15.0	206.6	2.35	5.18	10.41	11.45

Sample ID: MPI 25R-102318
Sample Time: 08:28
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses: ☑ VOCs ☐ SVOCs ☐ PCBs ☐ Metals ☐ _____
Methods: ☐ CLP ☐ SW846 ☐ Drink. Wtr. ☐ _____ ☐ _____

Comments: _____

Sampler(s): Larry Roesl, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's
EEEPC Project No.: 10C3074.0011.011
Well ID: MW7
Date: 10/23/18

Initial Depth to Water: 11.41 feet TOIC
Total Well Depth: 14.35 feet TOIC
Depth to Pump: 13.35 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 09:00
End Time: 09:35
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2 inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm,mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
09:00	0.2	7.66	14.8	174.2	1.49	3.13	109.1	11.42
09:05	1.2	7.66	15.1	180.8	1.89	3.57	50.7	11.42
09:10	2.2	7.67	15.2	183.3	1.66	4.78	29.1	11.42
09:15	3.2	7.66	15.2	186.2	1.66	4.92	14.3	11.42
09:20	4.2	7.66	15.2	188.2	1.58	5.27	6.53	11.42
09:25	5.2	7.65	15.3	191.3	1.58	5.25	6.22	11.42
09:30	6.2	7.65	15.3	193.1	1.57	5.24	8.84	11.42
09:35	7.2							
Final Sample Data:		7.65	15.3	193.1	1.57	5.24	8.84	11.42

10/23/18

Sample ID: MW7-102318
Sample Time: 09:35
Duplicate? ☐ MS/MSD? ☐
Dupe Samp ID: _____

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____
Sampler(s): Larry Reed, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: MWC's
EEEPC Project No.: 10C3074.0011.011
Well ID: MPI13BR
Date: 10/24/18

Initial Depth to Water: 9.57 feet TOIC
Total Well Depth: 30.91 feet TOIC
Depth to Pump: 29.91 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 08:05
End Time: 09:55
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2" inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
08:05	0.2	7.54	12.0	23.9	0.509	1.21	83.1	9.57
08:10	1.2	7.51	12.7	5.1	1.07	0.52	79.6	9.57
08:15	2.2	7.50	12.7	-7.8	1.35	0.37	56.9	9.57
08:20	3.2	7.49	12.6	-15.7	1.49	0.31	30.1	9.57
08:25	4.2	7.48	12.7	-27.1	1.60	0.26	23.7	9.57
08:30	5.2	7.48	12.6	-33.8	1.68	0.25	22.9	9.57
08:35	6.2	7.48	12.4	-53.9	1.74	0.26	14.7	9.57
08:40	7.2	7.47	12.3	-52.9	1.77	0.26	20.8	9.57
08:45	8.2	7.47	12.7	-55.5	1.81	0.25	18.6	9.57
08:50	9.2	7.47	12.3	-55.9	1.84	0.23	13.7	9.57
08:55	10.2	7.46	12.7	-56.8	1.85	0.23	14.9	9.57
Final Sample Data:		7.46	12.7	-56.8	1.85	0.23	14.9	9.57

10/24/18

Sample ID: MPI13BR-102418
Sample Time: 09:00
Duplicate? ☐ Dupe Samp ID: _____
MS/MSD? ☐

Analyses: Methods:
☒ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: _____

Sampler(s): Larry Roell · Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: NWC's
Well ID: MPI 4I
EEEPC Project No.: 10C3074.0011-011
Date: 10/24/18

Initial Depth to Water: 11.89 feet TOIC
Total Well Depth: 41.90 feet TOIC
Depth to Pump: 40.90 feet TOIC
Initial Pump Rate: 0.2 Lpm / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Start Time: 09:20
End Time: _____
☐ Bailer ☒ Pump
Pump Type: Typhoon
Well Diameter: 2 inches
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (S.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm,mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
09:20	0.2	7.51	12.4	-78.3	0.89	5.71	13.4	11.97
09:25	1.2	7.49	12.5	-60.3	2.16	1.94	12.2	12.01
09:30	2.2	7.52	12.5	-57.1	2.58	0.92	11.33	12.01
09:35	3.2	7.55	12.6	-69.9	2.78	6.58	7.42	12.01
09:40	4.2	7.55	12.6	-77.2	2.82	0.47	6.33	12.04
09:45	5.2	7.56	12.6	-86.3	2.87	0.40	5.75	12.04
09:50	6.2	7.56	12.6	-87.3	2.86	0.37	5.59	12.04
09:55	7.2	7.57	12.6	-89.5	2.88	0.27	4.40	12.04
10:00	8.2	7.59	12.6	-87.4	2.89	0.25	3.51	12.04
10:05	9.2	7.58	12.6	-94.3	2.89	0.19	3.66	12.04
10:10	10.2	7.57	12.6	-95.0	2.90	0.18	3.83	12.04
10:15	11.2	7.58	12.6	-95.3	2.89	0.17	3.56	12.04
Final Sample Data:		7.58	12.6	-95.3	2.89	0.17	3.56	12.04

Sam Rudd 10/24/18

Sample ID: MPI 4I - 102418
Sample Time: 10:20
Duplicate? ☐
MS/MSD? ☐
Dupe Samp ID: _____

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Rudd, Matthew Gelb

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: NFG's — Well ID: MPI 4S

EEEPC Project No.: 103074.0011.011 — Date: 10/24/12

Initial Depth to Water: 10.48 feet TOIC — Start Time: 10:30

Total Well Depth: 20.70 feet TOIC — End Time: 10:55

Depth to Pump: 19.70 feet TOIC — ☐ Bailer ☑ Pump

Initial Pump Rate: 0.2 Lpm / gpm — Pump Type: Typhoon

adjusted to: _____ at _____ minutes — Well Diameter: 2 inches

adjusted to: _____ at _____ minutes — 1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm,mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
10:30	0.2	7.30	13.7	-21.1	5.90	0.93	28.7	10.82
10:35	1.2	7.33	14.0	-5.2	6.03	0.32	17.5	10.94
10:40	2.2	7.33	14.0	-2.3	6.09	0.26	16.6	11.05
10:45	3.2	7.33	14.2	-3.5	6.15	0.21	14.1	11.05
10:50	4.2	7.33	14.1	-3.3	6.17	0.21	15.8	11.05
10:55	5.2	7.32	14.1	-4.3	6.20	0.20	12.9	11.05
Final Sample Data:		7.32	14.1	-4.3	6.20	0.20	12.9	11.05

Sample ID: MPI4S-102418 — Duplicate? ☐ — Dupe Samp ID: _____

Sample Time: 10:58 — MS/MSD? ☐

Analyses:	Methods:
☒ VOCs	☐ CLP
☐ SVOCs	☐ SW846
☐ PCBs	☐ Drink. Wtr.
☐ Metals	☐ _____
☐ _____	☐ _____

Comments: _____

Sampler(s): Larry Roedl, Matthew Celh

ecology and environment engineering, p.c.
International Specialists in the Environment
BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: MW's
Well ID:
EEEPC Project No.: 10C3074.0011.011
Date: 10/24/18

Initial Depth to Water: _____ feet TOIC
Start Time:
Total Well Depth: _____ feet TOIC
End Time:
Depth to Pump: _____ feet TOIC
☐ Bailer ☐ Pump
Initial Pump Rate: _____ Lpm / gpm
Pump Type:
adjusted to: _____ at _____ minutes
Well Diameter: _____ inches
adjusted to: _____ at _____ minutes
1x Well Volume: _____ gallons

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
PW4 *PW4	11:43	0	7.85	12.1	15.4	3.21	4.75	10.99	
PW6	12:05	0	7.77	11.7	26.8	2.84	3.42	9.90	
PW7	12:50	0	7.60	11.7	-54.3	2.36	2.88	6.07	
PW-8	12:47	0	7.69	10.3	-53.8	2.51	2.69	2.58	
PW-2	13:10	0	8.24	13.9	5.5	0.243	6.05	12.5	
RW-1	13:35	0	8.91	11.7	61.8	0.207	1.64	26.8	
PW-3	13:52	0	8.08	11.3	110.1	0.132	4.82	20.3	
PW-5	14:25	0	7.97	11.6	70.4	2.65	5.27	2.44	
Final Sample Data:								

Sample ID:
Duplicate? ☐
Dupe Samp ID:
Sample Time:
MS/MSD? ☐

Analyses: Methods:
☒ VOCs ☐ CLP
☐ SVOCs ☐ SW846
☐ PCBs ☐ Drink. Wtr.
☐ Metals ☐ _____
☐ _____ ☐ _____

Comments: purging well grab Samples

Sampler(s): C. Roett M Gelb

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CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:

☐ Standard TAT - 7 to 10 business days

☐ Rush TAT - Date Needed: [illegible]

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Palmatier [illegible] Dr [illegible] NY [illegible]

Telephone #: 716 [illegible]

Project Mgr: Ashlee Palmatier

Invoice To: Ashlee Palmatier [illegible] Dr [illegible] NY [illegible]

P.O No.: ______ Quote #: ______

Project No: Mr C's [illegible]

Site Name: Mr C's

Location: East Aurora State: NY

Sampler(s): [illegible]

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=______ 12=______

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=______ X2=______ X3=______

G= Grab C=Compsite

List Preservative Code below: 2

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		8260								Check if chlorinated
	TB-102218	10/22/18	8:00	G	GW	1					✓								☐
	ESI 3-102218	10/22/18	1:45	G	GW	3					✓								☐
	MPI 7IR-102218	10/22/18	11:44	G	GW	3					✓								☐
	PZ-1D-102218	10/22/18	12:49	G	GW	3					✓								☐
	PZ-5A-102218	10/22/18	14:02	G	GW	3					✓								☐
	PZ 5A-102218 MS	10/22/18	14:02	G	GW	3					✓								☐
	PZ 5A-102218 MSD	10/22/18	14:02	G	GW	3					✓								☐
	MPI 25R-102218	10/23/18	[illegible]	G	GW	3					✓								☐
	MW7-102318	10/23/18	[illegible]	G	GW	3					✓								☐
	MPI 13BR-102418	10/24/18	9:00	G	GW	3					✓								☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: AS Per Contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:
[signature]		10/24/18	10:00

Temp °C: Observed / Correction Factor / Corrected / IR ID #

☐ EDD format: As per Contract

☐ E-mail to: ______

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

eurofins | Spectrum Analytical

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:

☐ Standard TAT - 7 to 10 business days

☐ Rush TAT - Date Needed: As per contract

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Patnode, 368 Pleasant View Dr, Lancaster NY 14086

Telephone #:

Project Mgr:

Invoice To: Ashlee Patnode, 368 Pleasant View Dr, Lancaster NY 14086

P.O No.: Quote #:

Project No: [illegible]

Site Name: [illegible]

Location: [illegible] State: NY

Sampler(s): [illegible]

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

List Preservative Code below: 2

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analysis: 8260								Check if chlorinated
	MPI 4I-102418	10/24/18	10:20	G	GW	3					✓								☐
	MPI 4S-102418	10/24/18	10:58	G	GW	3					✓								☐
	PW 4-102418	10/24/18	11:43	G	GW	3					✓								☐
	PW6-102418	10/24/18	12:05	G	GW	3					✓								☐
	PW7-102418	10/24/18	12:50	G	GW	3					✓								☐
	PW8-102418	10/24/18	12:47	G	GW	3					✓								☐
	PW 2-102418	10/24/18	13:10	G	GW	3					✓								☐
	PW 1-102418	10/24/18	13:35	G	GW	3					✓								☐
	PW 3-102418	10/24/18	13:32	G	GW	3					✓								☐
	PW 5-102418	10/24/18	14:25	G	GW	3					✓								☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: As per contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]		10/24/18	[illegible]	Observed
				Correction Factor
				Corrected
				IR ID #

☐ EDD format: As per contract

☐ E-mail to:

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Appendix B
2018 Long-term Groundwater Monitoring Analytical Laboratory Reports

☑ Final Report
☐ Revised Report

Report Date:
05-Nov-18 17:16

Laboratory Report
SC51327

Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086
Attn: Ashlee Patnode

Project: Mr. C's Groundwaters
Project #: 10C3074.0011.011

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

Dawn Wojcik
Laboratory Director

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 69 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Sample Summary

Work Order: SC51327

Project: Mr. C's Groundwaters

Project Number: 10C3074.0011.011

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC51327-01	TB-101618	Trip Blank	16-Oct-18 08:00	20-Oct-18 12:40
SC51327-02	MW8-101618	Ground Water	16-Oct-18 08:56	20-Oct-18 12:40
SC51327-03	MPI5S-101618	Ground Water	16-Oct-18 10:40	20-Oct-18 12:40
SC51327-04	MPI5S-101618Q	Ground Water	16-Oct-18 10:40	20-Oct-18 12:40
SC51327-05	PZ3B-101618	Ground Water	16-Oct-18 12:20	20-Oct-18 12:40
SC51327-06	ESI-2R-101618	Ground Water	16-Oct-18 13:57	20-Oct-18 12:40
SC51327-07	MPI8SR-101618	Ground Water	16-Oct-18 15:40	20-Oct-18 12:40
SC51327-08	ESI5R-101718	Ground Water	17-Oct-18 14:05	20-Oct-18 12:40
SC51327-09	EE2-101718	Ground Water	17-Oct-18 12:16	20-Oct-18 12:40
SC51327-10	MPI9S-101718	Ground Water	17-Oct-18 10:54	20-Oct-18 12:40
SC51327-11	MPI14BR-101718	Ground Water	17-Oct-18 09:50	20-Oct-18 12:40
SC51327-12	MPI15B-101818	Ground Water	18-Oct-18 08:56	20-Oct-18 12:40
SC51327-13	EE3-101818	Ground Water	18-Oct-18 10:46	20-Oct-18 12:40
SC51327-14	MPI3S-101818	Ground Water	18-Oct-18 11:43	20-Oct-18 12:40
SC51327-15	MPI1S-101818	Ground Water	18-Oct-18 12:57	20-Oct-18 12:40
SC51327-16	ESI-6-101818	Ground Water	18-Oct-18 14:30	20-Oct-18 12:40
SC51327-17	PZ6A-101918	Ground Water	19-Oct-18 08:56	20-Oct-18 12:40
SC51327-18	PZ6A-101918Q	Ground Water	19-Oct-18 08:56	20-Oct-18 12:40
SC51327-19	MPI6S-101918	Ground Water	19-Oct-18 10:16	20-Oct-18 12:40
SC51327-20	P27D-101918	Ground Water	19-Oct-18 11:40	20-Oct-18 12:40
SC51327-21	P28C-101918	Ground Water	19-Oct-18 13:10	20-Oct-18 12:40

CASE NARRATIVE:

Data has been reported to the RDL. This report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the detection limit are reported as "<" (less than) the detection limit in this report.

The samples were received 5.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group. If method or program required MS/MSD/Dup were not performed, sufficient sample was not provided to the laboratory.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW8260C

Samples:

SC51327-19 *MPI6S-101918*

S - Laboratory solvent, contamination is possible.

Acetone

SC51327-20 *P27D-101918*

S - Laboratory solvent, contamination is possible.

Acetone

CB82378-MS

This parameter is outside laboratory ms/msd specified recovery limits.

Bromomethane

This parameter is outside laboratory rpd specified recovery limits.

Bromomethane

CB82378-MSD

This parameter is outside laboratory rpd specified recovery limits.

Bromomethane

Sample Acceptance Check Form

Client:	Ecology and Environment, Inc.
Project:	Mr. C's Groundwaters / 10C3074.0011.011
Work Order:	SC51327
Sample(s) received on:	10/20/2018

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☑	☐	☐
Were custody seals intact?	☑	☐	☐
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples cooled on ice upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC51327-02 **Client ID:** MW8-101618

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	54		10	ug/L	SW8260C
Tetrachloroethene	8.8		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	5.2		2.0	ug/L	SW8260C
Trichloroethene	7.8		1.0	ug/L	SW8260C
Vinyl chloride	20		1.0	ug/L	SW8260C

Lab ID: SC51327-03 **Client ID:** MPI5S-101618

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	7.2		1.0	ug/L	SW8260C
Tetrachloroethene	18		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	2.1		2.0	ug/L	SW8260C
Trichloroethene	6.2		1.0	ug/L	SW8260C
Vinyl chloride	0.45	J	1.0	ug/L	SW8260C

Lab ID: SC51327-04 **Client ID:** MPI5S-101618Q

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	7.1		1.0	ug/L	SW8260C
Tetrachloroethene	19		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	2.0		2.0	ug/L	SW8260C
Trichloroethene	6.1		1.0	ug/L	SW8260C
Vinyl chloride	0.48	J	1.0	ug/L	SW8260C

Lab ID: SC51327-05 **Client ID:** PZ3B-101618

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	0.61	J	2.0	ug/L	SW8260C
Chloroform	0.28	J	2.0	ug/L	SW8260C
cis-1,2-Dichloroethene	0.50	J	1.0	ug/L	SW8260C
Tetrachloroethene	150		20	ug/L	SW8260C
trans-1,2-Dichloroethene	0.41	J	2.0	ug/L	SW8260C
Trichloroethene	4.9		1.0	ug/L	SW8260C

Lab ID: SC51327-06 **Client ID:** ESI-2R-101618

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	0.54	J	1.0	ug/L	SW8260C

Lab ID: SC51327-07 **Client ID:** MPI8SR-101618

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Chloroform	0.32	J	2.0	ug/L	SW8260C
cis-1,2-Dichloroethene	47		10	ug/L	SW8260C
Tetrachloroethene	94		10	ug/L	SW8260C
trans-1,2-Dichloroethene	1.2	J	2.0	ug/L	SW8260C
Trichloroethene	8.9		1.0	ug/L	SW8260C

Lab ID: SC51327-08 **Client ID:** ESI5R-101718

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	0.38	J	1.0	ug/L	SW8260C
Tetrachloroethene	1.7		1.0	ug/L	SW8260C
Trichloroethene	0.66	J	1.0	ug/L	SW8260C

Lab ID: SC51327-09 **Client ID:** EE2-101718

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethane	0.52	J	2.0	ug/L	SW8260C
1,1-Dichloroethene	0.69	J	1.0	ug/L	SW8260C
cis-1,2-Dichloroethene	380		100	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	13		1.0	ug/L	SW8260C
Tetrachloroethene	690		100	ug/L	SW8260C
trans-1,2-Dichloroethene	1.2	J	2.0	ug/L	SW8260C
Trichloroethene	310		100	ug/L	SW8260C
Vinyl chloride	1.4		1.0	ug/L	SW8260C

Lab ID: SC51327-10 **Client ID:** MPI9S-101718

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	0.73	J	1.0	ug/L	SW8260C

Lab ID: SC51327-11 **Client ID:** MPI14BR-101718

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	0.37	J	1.0	ug/L	SW8260C

Lab ID: SC51327-12 **Client ID:** MPI15B-101818

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Methyl t-butyl ether (MTBE)	11		1.0	ug/L	SW8260C
Tetrachloroethene	0.26	J	1.0	ug/L	SW8260C

Lab ID: SC51327-13 **Client ID:** EE3-101818

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethane	0.31	J	2.0	ug/L	SW8260C
cis-1,2-Dichloroethene	7.0		1.0	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	15		1.0	ug/L	SW8260C

Lab ID: SC51327-14 **Client ID:** MPI3S-101818

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,2-Dichloroethane	2.3		1.0	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	18		1.0	ug/L	SW8260C
Vinyl chloride	1.1		1.0	ug/L	SW8260C

Lab ID: SC51327-15 **Client ID:** MPI1S-101818

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	3.6		1.0	ug/L	SW8260C
Tetrachloroethene	22		1.0	ug/L	SW8260C
Trichloroethene	0.82	J	1.0	ug/L	SW8260C

Lab ID: SC51327-16 **Client ID:** ESI-6-101818

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	0.84	J	2.0	ug/L	SW8260C
1,1-Dichloroethane	1.4	J	2.0	ug/L	SW8260C
cis-1,2-Dichloroethene	23		1.0	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	1.4		1.0	ug/L	SW8260C
Tetrachloroethene	220		20	ug/L	SW8260C
Trichloroethene	20		1.0	ug/L	SW8260C

Lab ID: SC51327-17 **Client ID:** PZ6A-101918

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethane	0.55	J	2.0	ug/L	SW8260C
1,1-Dichloroethene	8.7		1.0	ug/L	SW8260C
Benzene	0.31	J	0.70	ug/L	SW8260C
cis-1,2-Dichloroethene	710		50	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	18		1.0	ug/L	SW8260C
Tetrachloroethene	2000		200	ug/L	SW8260C
trans-1,2-Dichloroethene	3.8		2.0	ug/L	SW8260C
Trichloroethene	420		50	ug/L	SW8260C
Vinyl chloride	1.0		1.0	ug/L	SW8260C

Lab ID: SC51327-18 **Client ID:** PZ6A-101918Q

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethene	7.9	J	20	ug/L	SW8260C
cis-1,2-Dichloroethene	700		200	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	20	J	20	ug/L	SW8260C
Tetrachloroethene	2400		200	ug/L	SW8260C
trans-1,2-Dichloroethene	5.3	J	40	ug/L	SW8260C
Trichloroethene	440		20	ug/L	SW8260C

Lab ID: SC51327-19 **Client ID:** MPI6S-101918

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	6.6	S	5.0	ug/L	SW8260C
cis-1,2-Dichloroethene	68		20	ug/L	SW8260C
Tetrachloroethene	17		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	0.96	J	2.0	ug/L	SW8260C
Trichloroethene	2.0		1.0	ug/L	SW8260C
Vinyl chloride	27		1.0	ug/L	SW8260C

Lab ID: SC51327-20 **Client ID:** P27D-101918

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
2-Hexanone	48		13	ug/L	SW8260C
Acetone	20	S	5.0	ug/L	SW8260C
Benzene	0.27	J	0.70	ug/L	SW8260C
Carbon Disulfide	0.35	J	1.0	ug/L	SW8260C
cis-1,2-Dichloroethene	3.8		1.0	ug/L	SW8260C
Methyl ethyl ketone	12		5.0	ug/L	SW8260C
Tetrachloroethene	2.9		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	0.79	J	2.0	ug/L	SW8260C
Trichloroethene	1.2		1.0	ug/L	SW8260C
Vinyl chloride	0.92	J	1.0	ug/L	SW8260C

Lab ID: SC51327-21 **Client ID:** P28C-101918

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	5.6		1.0	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	19		1.0	ug/L	SW8260C
Tetrachloroethene	1.9		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	0.35	J	2.0	ug/L	SW8260C
Trichloroethene	0.30	J	1.0	ug/L	SW8260C
Vinyl chloride	21		1.0	ug/L	SW8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-101618	10C3074.0011.011	Trip Blank	16-Oct-18 08:00	20-Oct-18
SC51327-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 08:00	25-Oct-18 20:55	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-101618	10C3074.0011.011	Trip Blank	16-Oct-18 08:00	20-Oct-18
SC51327-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 08:00	25-Oct-18 20:55	11301	453701A	
127-18-4	Tetrachloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*100*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*107*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW8-101618	10C3074.0011.011	Ground Water	16-Oct-18 08:56	20-Oct-18
SC51327-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 08:56	25-Oct-18 22:02	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	54		ug/L	10	2.5	10	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW8-101618	10C3074.0011.011	Ground Water	16-Oct-18 08:56	20-Oct-18
SC51327-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 08:56	25-Oct-18 22:02	11301	453701A	
127-18-4	Tetrachloroethene	**8.8**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**5.2**		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**7.8**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**20**		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*104*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*106*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 10:40	25-Oct-18 22:25	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	7.2		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI5S-101618	10C3074.0011.011	Ground Water	16-Oct-18 10:40	20-Oct-18
SC51327-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 10:40	25-Oct-18 22:25	11301	453701A	
127-18-4	Tetrachloroethene	**18**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**2.1**		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**6.2**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**0.45**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*100*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*104*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 10:40	25-Oct-18 22:47	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	7.1		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI5S-101618Q	10C3074.0011.011	Ground Water	16-Oct-18 10:40	20-Oct-18
SC51327-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 10:40	25-Oct-18 22:47	11301	453701A	
127-18-4	Tetrachloroethene	**19**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**2.0**		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**6.1**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**0.48**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*100*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ3B-101618	10C3074.0011.011	Ground Water	16-Oct-18 12:20	20-Oct-18
SC51327-05				

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	**0.61**	J	ug/L	2.0	0.25	1	SW8260C	16-Oct-18 12:20	25-Oct-18 23:10	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	**0.28**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**0.50**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ3B-101618	10C3074.0011.011	Ground Water	16-Oct-18 12:20	20-Oct-18
SC51327-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 12:20	25-Oct-18 23:10	11301	453701A	
127-18-4	Tetrachloroethene	**150**		ug/L	20	5.0	20	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**0.41**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**4.9**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*106*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESI-2R-101618	10C3074.0011.011	Ground Water	16-Oct-18 13:57	20-Oct-18
SC51327-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 13:57	26-Oct-18 10:03	11301	453901A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESI-2R-101618	10C3074.0011.011	Ground Water	16-Oct-18 13:57	20-Oct-18
SC51327-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 13:57	26-Oct-18 10:03	11301	453901A	
127-18-4	Tetrachloroethene	**0.54**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*100*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*99*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI8SR-101618	10C3074.0011.011	Ground Water	16-Oct-18 15:40	20-Oct-18
SC51327-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 15:40	25-Oct-18 23:55	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	**0.32**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**47**		ug/L	10	2.5	10	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI8SR-101618	10C3074.0011.011	Ground Water	16-Oct-18 15:40	20-Oct-18
SC51327-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 15:40	25-Oct-18 23:55	11301	453701A	
127-18-4	Tetrachloroethene	**94**		ug/L	10	2.5	10	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**1.2**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**8.9**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*106*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 14:05	26-Oct-18 10:25	11301	453901A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**0.38**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESI5R-101718	10C3074.0011.011	Ground Water	17-Oct-18 14:05	20-Oct-18
SC51327-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 14:05	26-Oct-18 10:25	11301	453901A	
127-18-4	Tetrachloroethene	**1.7**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**0.66**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*104*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*110*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EE2-101718	10C3074.0011.011	Ground Water	17-Oct-18 12:16	20-Oct-18
SC51327-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 12:16	26-Oct-18 00:40	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**0.52**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**0.69**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**380**		ug/L	100	25	100	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**13**		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EE2-101718	10C3074.0011.011	Ground Water	17-Oct-18 12:16	20-Oct-18
SC51327-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 12:16	26-Oct-18 00:40	11301	453701A	
127-18-4	Tetrachloroethene	**690**		ug/L	100	25	100	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**1.2**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**310**		ug/L	100	25	100	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**1.4**		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*107*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*105*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI9S-101718	10C3074.0011.011	Ground Water	17-Oct-18 10:54	20-Oct-18
SC51327-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 10:54	26-Oct-18 10:48	11301	453901A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI9S-101718	10C3074.0011.011	Ground Water	17-Oct-18 10:54	20-Oct-18
SC51327-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 10:54	26-Oct-18 10:48	11301	453901A	
127-18-4	Tetrachloroethene	**0.73**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*106*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI14BR-101718	10C3074.0011.011	Ground Water	17-Oct-18 09:50	20-Oct-18
SC51327-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 09:50	26-Oct-18 01:24	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI14BR-101718	10C3074.0011.011	Ground Water	17-Oct-18 09:50	20-Oct-18
SC51327-11				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 09:50	26-Oct-18 01:24	11301	453701A	
127-18-4	Tetrachloroethene	**0.37**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*100*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*104*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI15B-101818	10C3074.0011.011	Ground Water	18-Oct-18 08:56	20-Oct-18
SC51327-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 08:56	26-Oct-18 01:47	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	11		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI15B-101818	10C3074.0011.011	Ground Water	18-Oct-18 08:56	20-Oct-18
SC51327-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 08:56	26-Oct-18 01:47	11301	453701A	
127-18-4	Tetrachloroethene	**0.26**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*101*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EE3-101818	10C3074.0011.011	Ground Water	18-Oct-18 10:46	20-Oct-18
SC51327-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 10:46	26-Oct-18 02:09	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**0.31**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**7.0**		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**15**		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
EE3-101818	10C3074.0011.011	Ground Water	18-Oct-18 10:46	20-Oct-18
SC51327-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 10:46	26-Oct-18 02:09	11301	453701A	
127-18-4	Tetrachloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*110*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 11:43	26-Oct-18 02:31	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	2.3		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	18		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI3S-101818	10C3074.0011.011	Ground Water	18-Oct-18 11:43	20-Oct-18
SC51327-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 11:43	26-Oct-18 02:31	11301	453701A	
127-18-4	Tetrachloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	1.1		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*101*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI1S-101818	10C3074.0011.011	Ground Water	18-Oct-18 12:57	20-Oct-18
SC51327-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 12:57	26-Oct-18 02:54	11301	453701A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**3.6**		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI1S-101818	10C3074.0011.011	Ground Water	18-Oct-18 12:57	20-Oct-18
SC51327-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 12:57	26-Oct-18 02:54	11301	453701A	
127-18-4	Tetrachloroethene	**22**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**0.82**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*108*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	**0.84**	J	ug/L	2.0	0.25	1	SW8260C	16-Oct-18 14:30	26-Oct-18 13:25	11301	453901A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**1.4**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**23**		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**1.4**		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ESI-6-101818	10C3074.0011.011	Ground Water	18-Oct-18 14:30	20-Oct-18
SC51327-16				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 14:30	26-Oct-18 13:25	11301	453901A	
127-18-4	Tetrachloroethene	**220**		ug/L	20	5.0	20	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**20**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*101*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*108*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ6A-101918	10C3074.0011.011	Ground Water	19-Oct-18 08:56	20-Oct-18
SC51327-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 08:56	26-Oct-18 13:47	11301	453901A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**0.55**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**8.7**		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	**0.31**	J	ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**710**		ug/L	50	13	50	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**18**		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ6A-101918	10C3074.0011.011	Ground Water	19-Oct-18 08:56	20-Oct-18
SC51327-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 08:56	26-Oct-18 13:47	11301	453901A	
127-18-4	Tetrachloroethene	**2,000**		ug/L	200	50	200	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**3.8**		ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**420**		ug/L	50	13	50	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**1.0**		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*100*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*99*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*104*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
71-55-6	1,1,1-Trichloroethane	< 40		ug/L	40	5.0	20	SW8260C	16-Oct-18 08:56	28-Oct-18 15:58	11301	453955A	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 40		ug/L	40	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 40		ug/L	40	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**7.9**	J	ug/L	20	5.0	20	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 40		ug/L	40	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 40		ug/L	40	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 40		ug/L	40	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 100		ug/L	100	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
74-97-5	Bromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 40		ug/L	40	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-90-7	Chlorobenzene	< 40		ug/L	40	5.0	20	"	"	"	"	"	
75-00-3	Chloroethane	< 40		ug/L	40	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 40		ug/L	40	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 40		ug/L	40	5.0	20	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**700**		ug/L	200	50	200	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-82-7	Cyclohexane	< 100		ug/L	100	10	20	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 100		ug/L	100	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**20**	J	ug/L	20	5.0	20	"	"	"	"	"	
79-20-9	Methylacetate	< 50		ug/L	50	50	20	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 40		ug/L	40	10	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
95-47-6	o-Xylene	< 20		ug/L	20	5.0	20	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ6A-101918Q	10C3074.0011.011	Ground Water	19-Oct-18 08:56	20-Oct-18
SC51327-18				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 20		ug/L	20	5.0	20	SW8260C	16-Oct-18 08:56	28-Oct-18 15:58	11301	453955A	
127-18-4	Tetrachloroethene	**2,400**		ug/L	200	50	200	"	"	"	"	"	
108-88-3	Toluene	< 40		ug/L	40	5.0	20	"	"	"	"	"	
1330-20-7	Total Xylenes	< 20		ug/L	20	20	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**5.3**	J	ug/L	40	5.0	20	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
79-01-6	Trichloroethene	**440**		ug/L	20	5.0	20	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*100*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*108*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*99*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 10:16	29-Oct-18 14:33	11301	454083A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	6.6	S	ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	68		ug/L	20	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI6S-101918	10C3074.0011.011	Ground Water	19-Oct-18 10:16	20-Oct-18
SC51327-19				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 10:16	29-Oct-18 14:33	11301	454083A	
127-18-4	Tetrachloroethene	**17**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**0.96**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**2.0**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**27**		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*99*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*98*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 11:40	29-Oct-18 13:48	11301	454083A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	**48**		ug/L	13	13	5	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	**20**	S	ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	**0.27**	J	ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	**0.35**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**3.8**		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	**12**		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
P27D-101918	10C3074.0011.011	Ground Water	19-Oct-18 11:40	20-Oct-18
SC51327-20				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 11:40	29-Oct-18 13:48	11301	454083A	
127-18-4	Tetrachloroethene	**2.9**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**0.79**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**1.2**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**0.92**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*98*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
71-55-6	1,1,1-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	SW8260C	16-Oct-18 13:10	28-Oct-18 14:51	11301	453955A	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	5.6		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	19		ug/L	1.0	0.25	1	"	"	"	"	"	
79-20-9	Methylacetate	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 2.0		ug/L	2.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
P28C-101918	10C3074.0011.011	Ground Water	19-Oct-18 13:10	20-Oct-18
SC51327-21				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	SW8260C	16-Oct-18 13:10	28-Oct-18 14:51	11301	453955A	
127-18-4	Tetrachloroethene	**1.9**		ug/L	1.0	0.25	1	"	"	"	"	"	
108-88-3	Toluene	< 2.0		ug/L	2.0	0.25	1	"	"	"	"	"	
1330-20-7	Total Xylenes	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**0.35**	J	ug/L	2.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
79-01-6	Trichloroethene	**0.30**	J	ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**21**		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*98*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*106*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*99*			*70-130 %*			"	"	"	"	"	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453701A - SW8260C										
BLK (CB80458-BLK)						Prepared:	Analyzed: 25-Oct-18			
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
Benzene	**ND**		ug/L	0.70			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Toluene	**ND**		ug/L	1.0			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
Methylene chloride	**ND**		ug/L	1.0			ND	-		
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
Methylacetate	**ND**		ug/L	2.5			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
Chloroform	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453701A - SW8260C										
BLK (CB80458-BLK)						Prepared: Analyzed: 25-Oct-18				
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
Surrogate: % 1,2-dichlorobenzene-d4	*100*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Toluene-d8	*100*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Dibromofluoromethane	*109*		ug/L		*10*		*109*	*70-130*		
Surrogate: % Bromofluorobenzene	*97*		ug/L		*10*		*97*	*70-130*		
LCS (CB80458-LCS)						Prepared: Analyzed: 25-Oct-18				
1,2-Dichloropropane	**8.843**		ug/L	1.0	10		88	70-130		30
Trichlorotrifluoroethane	**7.969**		ug/L	1.0	10		80	70-130		30
Carbon Disulfide	**8.821**		ug/L	1.0	10		88	70-130		30
Vinyl chloride	**9.151**		ug/L	1.0	10		92	70-130		30
Bromoform	**8.724**		ug/L	1.0	10		87	70-130		30
Bromodichloromethane	**8.372**		ug/L	0.50	10		84	70-130		30
Bromochloromethane	**8.228**		ug/L	1.0	10		82	70-130		30
Benzene	**8.353**		ug/L	0.70	10		84	70-130		30
Acetone	**8.039**		ug/L	5.0	10		80	70-130		30
4-Methyl-2-pentanone	**9.127**		ug/L	5.0	10		91	70-130		30
2-Hexanone	**8.408**		ug/L	5.0	10		84	70-130		30
Chlorobenzene	**8.297**		ug/L	1.0	10		83	70-130		30
1,3-Dichlorobenzene	**8.437**		ug/L	1.0	10		84	70-130		30
Carbon tetrachloride	**7.492**		ug/L	1.0	10		75	70-130		30
1,2-Dichloroethane	**8.287**		ug/L	1.0	10		83	70-130		30
1,2-Dichlorobenzene	**8.518**		ug/L	1.0	10		85	70-130		30
1,2-Dibromoethane	**8.771**		ug/L	1.0	10		88	70-130		30
1,2-Dibromo-3-chloropropane	**8.727**		ug/L	1.0	10		87	70-130		30
1,2,4-Trichlorobenzene	**8.330**		ug/L	1.0	10		83	70-130		30
1,2,3-Trichlorobenzene	**8.501**		ug/L	1.0	10		85	70-130		30
1,1-Dichloroethene	**8.527**		ug/L	1.0	10		85	70-130		30
1,1-Dichloroethane	**8.392**		ug/L	1.0	10		84	70-130		30
1,1,2-Trichloroethane	**9.173**		ug/L	1.0	10		92	70-130		30
1,1,2,2-Tetrachloroethane	**9.203**		ug/L	0.50	10		92	70-130		30
1,1,1-Trichloroethane	**7.763**		ug/L	1.0	10		78	70-130		30
1,4-Dichlorobenzene	**8.133**		ug/L	1.0	10		81	70-130		30
Methylcyclohexane	**7.498**		ug/L	1.0	10		75	70-130		30
Trichlorofluoromethane	**7.483**		ug/L	1.0	10		75	70-130		30
Trichloroethene	**8.009**		ug/L	1.0	10		80	70-130		30
trans-1,3-Dichloropropene	**8.630**		ug/L	0.40	10		86	70-130		30
trans-1,2-Dichloroethene	**8.275**		ug/L	1.0	10		83	70-130		30
Toluene	**8.202**		ug/L	1.0	10		82	70-130		30
Tetrachloroethene	**8.072**		ug/L	1.0	10		81	70-130		30
Styrene	**8.798**		ug/L	1.0	10		88	70-130		30
Bromomethane	**8.072**		ug/L	1.0	10		81	70-130		30
Methylene chloride	**8.768**		ug/L	1.0	10		88	70-130		30
Chloroethane	**8.523**		ug/L	1.0	10		85	70-130		30
Methylacetate	**8.879**		ug/L	2.5	10		89	70-130		30
cis-1,3-Dichloropropene	**8.880**		ug/L	0.40	10		89	70-130		30
Chloroform	**8.421**		ug/L	1.0	10		84	70-130		30
o-Xylene	**8.555**		ug/L	1.0	10		86	70-130		30
cis-1,2-Dichloroethene	**8.632**		ug/L	1.0	10		86	70-130		30
Methyl t-butyl ether (MTBE)	**9.359**		ug/L	1.0	10		94	70-130		30
Cyclohexane	**7.201**		ug/L	5.0	10		72	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453701A - SW8260C										
LCS (CB80458-LCS)					Prepared: Analyzed: 25-Oct-18					
Dibromochloromethane	**9.280**		ug/L	0.50	10		93	70-130		30
Dichlorodifluoromethane	**7.791**		ug/L	1.0	10		78	70-130		30
Ethylbenzene	**8.273**		ug/L	1.0	10		83	70-130		30
Isopropylbenzene	**8.084**		ug/L	1.0	10		81	70-130		30
m&p-Xylene	**16.70**		ug/L	1.0	20		83	70-130		30
Methyl ethyl ketone	**9.846**		ug/L	5.0	10		98	70-130		30
Chloromethane	**7.772**		ug/L	1.0	10		78	70-130		30
Surrogate: % Toluene-d8	*10.17*		ug/L		*10*		*102*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.35*		ug/L		*10*		*104*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.969*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*9.862*		ug/L		*10*		*99*	*70-130*		
LCSD (CB80458-LCSD)					Prepared: Analyzed: 25-Oct-18					
Carbon Disulfide	**8.777**		ug/L	1.0	10		88	70-130	0.0	30
1,2-Dichloroethane	**8.320**		ug/L	1.0	10		83	70-130	0.0	30
Chlorobenzene	**8.281**		ug/L	1.0	10		83	70-130	0.0	30
Bromomethane	**8.303**		ug/L	1.0	10		83	70-130	2.4	30
Bromoform	**8.943**		ug/L	1.0	10		89	70-130	2.3	30
Bromodichloromethane	**8.698**		ug/L	0.50	10		87	70-130	3.5	30
Bromochloromethane	**9.208**		ug/L	1.0	10		92	70-130	11.5	30
Benzene	**8.417**		ug/L	0.70	10		84	70-130	0.0	30
Acetone	**8.001**		ug/L	5.0	10		80	70-130	0.0	30
4-Methyl-2-pentanone	**9.084**		ug/L	5.0	10		91	70-130	0.0	30
2-Hexanone	**8.455**		ug/L	5.0	10		85	70-130	1.2	30
1,4-Dichlorobenzene	**8.093**		ug/L	1.0	10		81	70-130	0.0	30
Carbon tetrachloride	**7.566**		ug/L	1.0	10		76	70-130	1.3	30
1,2-Dichloropropane	**8.721**		ug/L	1.0	10		87	70-130	1.1	30
Chloroethane	**8.775**		ug/L	1.0	10		88	70-130	3.5	30
1,2-Dichlorobenzene	**8.591**		ug/L	1.0	10		86	70-130	1.2	30
1,2-Dibromoethane	**8.930**		ug/L	1.0	10		89	70-130	1.1	30
1,2-Dibromo-3-chloropropane	**8.577**		ug/L	1.0	10		86	70-130	1.2	30
1,2,4-Trichlorobenzene	**8.433**		ug/L	1.0	10		84	70-130	1.2	30
1,2,3-Trichlorobenzene	**8.461**		ug/L	1.0	10		85	70-130	0.0	30
1,1-Dichloroethene	**8.405**		ug/L	1.0	10		84	70-130	1.2	30
1,1-Dichloroethane	**8.435**		ug/L	1.0	10		84	70-130	0.0	30
1,1,2-Trichloroethane	**8.854**		ug/L	1.0	10		89	70-130	3.3	30
1,1,2,2-Tetrachloroethane	**9.360**		ug/L	0.50	10		94	70-130	2.2	30
1,1,1-Trichloroethane	**7.839**		ug/L	1.0	10		78	70-130	0.0	30
1,3-Dichlorobenzene	**8.308**		ug/L	1.0	10		83	70-130	1.2	30
Methyl ethyl ketone	**8.699**		ug/L	5.0	10		87	70-130	11.9	30
Trichlorofluoromethane	**7.593**		ug/L	1.0	10		76	70-130	1.3	30
Trichloroethene	**7.972**		ug/L	1.0	10		80	70-130	0.0	30
trans-1,3-Dichloropropene	**8.554**		ug/L	0.40	10		86	70-130	0.0	30
trans-1,2-Dichloroethene	**8.627**		ug/L	1.0	10		86	70-130	3.6	30
Toluene	**8.314**		ug/L	1.0	10		83	70-130	1.2	30
Tetrachloroethene	**7.834**		ug/L	1.0	10		78	70-130	3.8	30
Styrene	**8.790**		ug/L	1.0	10		88	70-130	0.0	30
o-Xylene	**8.511**		ug/L	1.0	10		85	70-130	1.2	30
Methylene chloride	**8.771**		ug/L	1.0	10		88	70-130	0.0	30
Methylcyclohexane	**7.593**		ug/L	1.0	10		76	70-130	1.3	30
Vinyl chloride	**9.127**		ug/L	1.0	10		91	70-130	1.1	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453701A - SW8260C										
LCSD (CB80458-LCSD)					Prepared: Analyzed: 25-Oct-18					
Methyl t-butyl ether (MTBE)	**9.632**		ug/L	1.0	10		96	70-130	2.1	30
Trichlorotrifluoroethane	**8.152**		ug/L	1.0	10		82	70-130	2.5	30
m&p-Xylene	**16.34**		ug/L	1.0	20		82	70-130	1.2	30
Isopropylbenzene	**8.045**		ug/L	1.0	10		80	70-130	1.2	30
Ethylbenzene	**8.272**		ug/L	1.0	10		83	70-130	0.0	30
Dichlorodifluoromethane	**7.857**		ug/L	1.0	10		79	70-130	1.3	30
Dibromochloromethane	**9.164**		ug/L	0.50	10		92	70-130	1.1	30
Cyclohexane	**7.470**		ug/L	5.0	10		75	70-130	4.1	30
cis-1,3-Dichloropropene	**9.106**		ug/L	0.40	10		91	70-130	2.2	30
cis-1,2-Dichloroethene	**8.461**		ug/L	1.0	10		85	70-130	1.2	30
Chloromethane	**7.936**		ug/L	1.0	10		79	70-130	1.3	30
Chloroform	**8.465**		ug/L	1.0	10		85	70-130	1.2	30
Methylacetate	**9.710**		ug/L	2.5	10		97	70-130	8.6	30
Surrogate: % Toluene-d8	*10.04*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Dibromofluoromethane	*9.914*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Bromofluorobenzene	*10.15*		ug/L		*10*		*101*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*9.907*		ug/L		*10*		*99*	*70-130*		
MS (CB80458-MS)			**Source: SC51327-05**		Prepared: Analyzed: 26-Oct-18					
Bromomethane	**8.067**		ug/L	1.0	10	BRL	81	70-130		30
1,4-Dichlorobenzene	**9.682**		ug/L	1.0	10	BRL	97	70-130		30
2-Hexanone	**9.577**		ug/L	5.0	10	BRL	96	70-130		30
4-Methyl-2-pentanone	**9.702**		ug/L	5.0	10	BRL	97	70-130		30
Acetone	**10.85**		ug/L	5.0	10	BRL	109	70-130		30
Benzene	**9.979**		ug/L	0.70	10	BRL	100	66-142		30
Bromochloromethane	**10.75**		ug/L	1.0	10	BRL	107	70-130		30
1,3-Dichlorobenzene	**9.843**		ug/L	1.0	10	BRL	98	70-130		30
Bromoform	**10.64**		ug/L	1.0	10	BRL	106	70-130		30
1,2-Dichlorobenzene	**10.19**		ug/L	1.0	10	BRL	102	70-130		30
Carbon Disulfide	**10.82**		ug/L	1.0	10	BRL	108	70-130		30
Carbon tetrachloride	**11.24**		ug/L	1.0	10	BRL	112	70-130		30
Bromodichloromethane	**11.07**		ug/L	0.50	10	BRL	111	70-130		30
Chlorobenzene	**9.940**		ug/L	1.0	10	BRL	99	60-133		30
1,2-Dichloroethane	**10.73**		ug/L	1.0	10	BRL	107	70-130		30
Chloromethane	**8.953**		ug/L	1.0	10	BRL	90	70-130		30
1,2-Dibromoethane	**10.53**		ug/L	1.0	10	BRL	105	70-130		30
1,2-Dibromo-3-chloropropane	**9.176**		ug/L	1.0	10	BRL	92	70-130		30
1,2,4-Trichlorobenzene	**8.713**		ug/L	1.0	10	BRL	87	70-130		30
1,2,3-Trichlorobenzene	**7.588**		ug/L	1.0	10	BRL	76	70-130		30
1,1-Dichloroethene	**11.10**		ug/L	1.0	10	BRL	111	59-172		30
1,1-Dichloroethane	**10.32**		ug/L	1.0	10	BRL	103	70-130		30
1,1,2-Trichloroethane	**10.83**		ug/L	1.0	10	BRL	108	70-130		30
1,1,2,2-Tetrachloroethane	**10.10**		ug/L	0.50	10	BRL	101	70-130		30
1,1,1-Trichloroethane	**11.78**		ug/L	1.0	10		112	70-130		30
1,2-Dichloropropane	**9.855**		ug/L	1.0	10	BRL	99	70-130		30
Methyl t-butyl ether (MTBE)	**11.47**		ug/L	1.0	10	BRL	115	70-130		30
Vinyl chloride	**11.36**		ug/L	1.0	10	BRL	114	70-130		30
Trichlorotrifluoroethane	**11.38**		ug/L	1.0	10	BRL	114	70-130		30
Trichlorofluoromethane	**11.48**		ug/L	1.0	10	BRL	115	70-130		30
Trichloroethene	**15.38**		ug/L	1.0	10		105	62-137		30
trans-1,3-Dichloropropene	**10.28**		ug/L	0.40	10	BRL	103	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453701A - SW8260C										
MS (CB80458-MS)			**Source: SC51327-05**		Prepared:	Analyzed: 26-Oct-18				
trans-1,2-Dichloroethene	**10.63**		ug/L	1.0	10		102	70-130		30
Toluene	**10.12**		ug/L	1.0	10	BRL	101	59-139		30
Tetrachloroethene	**171.2**		ug/L	1.0	10		NC	70-130		30
Styrene	**10.54**		ug/L	1.0	10	BRL	105	70-130		30
o-Xylene	**10.44**		ug/L	1.0	10	BRL	104	70-130		30
Methylene chloride	**9.910**		ug/L	1.0	10	BRL	99	70-130		30
Chloroethane	**10.75**		ug/L	1.0	10	BRL	107	70-130		30
Methylacetate	**9.637**		ug/L	2.5	10	BRL	96	70-130		30
Methyl ethyl ketone	**11.14**		ug/L	5.0	10	BRL	111	70-130		30
m&p-Xylene	**20.63**		ug/L	1.0	20	BRL	103	70-130		30
Isopropylbenzene	**9.909**		ug/L	1.0	10	BRL	99	70-130		30
Ethylbenzene	**10.29**		ug/L	1.0	10	BRL	103	70-130		30
Dichlorodifluoromethane	**10.61**		ug/L	1.0	10	BRL	106	70-130		30
Dibromochloromethane	**11.35**		ug/L	0.50	10	BRL	114	70-130		30
Cyclohexane	**9.495**		ug/L	5.0	10	BRL	95	70-130		30
cis-1,3-Dichloropropene	**10.53**		ug/L	0.40	10	BRL	105	70-130		30
cis-1,2-Dichloroethene	**10.55**		ug/L	1.0	10		101	70-130		30
Chloroform	**10.80**		ug/L	1.0	10		105	70-130		30
Methylcyclohexane	**9.953**		ug/L	1.0	10	BRL	100	70-130		30
Surrogate: % Bromofluorobenzene	*10.46*		ug/L		*10*		*105*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.56*		ug/L		*10*		*106*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.26*		ug/L		*10*		*103*	*70-130*		
Surrogate: % Toluene-d8	*10.01*		ug/L		*10*		*100*	*70-130*		
MSD (CB80458-MSD)			**Source: SC51327-05**		Prepared:	Analyzed: 26-Oct-18				
Methylcyclohexane	**9.337**		ug/L	1.0	10	BRL	93	70-130	7.3	30
Chloroethane	**10.59**		ug/L	1.0	10	BRL	106	70-130	0.9	30
Chloromethane	**9.432**		ug/L	1.0	10	BRL	94	70-130	4.3	30
cis-1,3-Dichloropropene	**9.650**		ug/L	0.40	10	BRL	96	70-130	9.0	30
Cyclohexane	**8.989**		ug/L	5.0	10	BRL	90	70-130	5.4	30
Dibromochloromethane	**10.74**		ug/L	0.50	10	BRL	107	70-130	6.3	30
Dichlorodifluoromethane	**10.32**		ug/L	1.0	10	BRL	103	70-130	2.9	30
Ethylbenzene	**9.662**		ug/L	1.0	10	BRL	97	70-130	6.0	30
Isopropylbenzene	**9.243**		ug/L	1.0	10	BRL	92	70-130	7.3	30
m&p-Xylene	**18.98**		ug/L	1.0	20	BRL	95	70-130	8.1	30
Methyl ethyl ketone	**10.69**		ug/L	5.0	10	BRL	107	70-130	3.7	30
Methylacetate	**8.043**		ug/L	2.5	10	BRL	80	70-130	18.2	30
Chloroform	**10.10**		ug/L	1.0	10		98	70-130	6.9	30
Methylene chloride	**9.341**		ug/L	1.0	10	BRL	93	70-130	6.3	30
o-Xylene	**9.874**		ug/L	1.0	10	BRL	99	70-130	4.9	30
Styrene	**9.907**		ug/L	1.0	10	BRL	99	70-130	5.9	30
Tetrachloroethene	**158.8**		ug/L	1.0	10		NC	70-130	NC	30
Toluene	**9.510**		ug/L	1.0	10	BRL	95	59-139	6.1	30
trans-1,2-Dichloroethene	**10.08**		ug/L	1.0	10		97	70-130	5.0	30
trans-1,3-Dichloropropene	**9.393**		ug/L	0.40	10	BRL	94	70-130	9.1	30
Trichlorotrifluoroethane	**10.81**		ug/L	1.0	10	BRL	108	70-130	5.4	30
1,1,1-Trichloroethane	**10.88**		ug/L	1.0	10		103	70-130	8.4	30
Vinyl chloride	**11.58**		ug/L	1.0	10	BRL	116	70-130	1.7	30
Trichlorofluoromethane	**10.81**		ug/L	1.0	10	BRL	108	70-130	6.3	30
Methyl t-butyl ether (MTBE)	**10.94**		ug/L	1.0	10	BRL	109	70-130	5.4	30
1,2-Dichloropropane	**9.262**		ug/L	1.0	10	BRL	93	70-130	6.3	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453701A - SW8260C										
MSD (CB80458-MSD)			**Source: SC51327-05**		Prepared: Analyzed: 26-Oct-18					
Trichloroethene	**14.50**		ug/L	1.0	10		96	62-137	9.0	30
1,1,2,2-Tetrachloroethane	**10.07**		ug/L	0.50	10	BRL	101	70-130	0.0	30
1,1,2-Trichloroethane	**10.06**		ug/L	1.0	10	BRL	101	70-130	6.7	30
1,1-Dichloroethane	**9.912**		ug/L	1.0	10	BRL	99	70-130	4.0	30
1,1-Dichloroethene	**10.80**		ug/L	1.0	10	BRL	108	59-172	2.7	30
1,2,3-Trichlorobenzene	**8.872**		ug/L	1.0	10	BRL	89	70-130	15.8	30
1,2,4-Trichlorobenzene	**9.282**		ug/L	1.0	10	BRL	93	70-130	6.7	30
1,2-Dibromo-3-chloropropane	**9.407**		ug/L	1.0	10	BRL	94	70-130	2.2	30
1,2-Dibromoethane	**10.08**		ug/L	1.0	10	BRL	101	70-130	3.9	30
cis-1,2-Dichloroethene	**9.753**		ug/L	1.0	10		93	70-130	8.2	30
1,2-Dichloroethane	**9.863**		ug/L	1.0	10	BRL	99	70-130	7.8	30
Chlorobenzene	**9.366**		ug/L	1.0	10	BRL	94	60-133	5.2	30
Bromoform	**9.929**		ug/L	1.0	10	BRL	99	70-130	6.8	30
Carbon tetrachloride	**10.46**		ug/L	1.0	10	BRL	105	70-130	6.5	30
1,2-Dichlorobenzene	**9.637**		ug/L	1.0	10	BRL	96	70-130	6.1	30
Bromomethane	**10.49**		ug/L	1.0	10	BRL	105	70-130	25.8	30
1,3-Dichlorobenzene	**9.488**		ug/L	1.0	10	BRL	95	70-130	3.1	30
Bromodichloromethane	**10.11**		ug/L	0.50	10	BRL	101	70-130	9.4	30
Bromochloromethane	**9.355**		ug/L	1.0	10	BRL	94	70-130	12.9	30
Benzene	**9.295**		ug/L	0.70	10	BRL	93	66-142	7.3	30
Acetone	**10.16**		ug/L	5.0	10	BRL	102	70-130	6.6	30
4-Methyl-2-pentanone	**9.462**		ug/L	5.0	10	BRL	95	70-130	2.1	30
2-Hexanone	**9.806**		ug/L	5.0	10	BRL	98	70-130	2.1	30
1,4-Dichlorobenzene	**9.109**		ug/L	1.0	10	BRL	91	70-130	6.4	30
Carbon Disulfide	**10.38**		ug/L	1.0	10	BRL	104	70-130	3.8	30
Surrogate: % Toluene-d8	*10.01*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.11*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Bromofluorobenzene	*10.46*		ug/L		*10*		*105*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.23*		ug/L		*10*		*102*	*70-130*		
Batch 453901A - SW8260C										
BLK (CB80459-BLK)					Prepared: Analyzed: 26-Oct-18					
Chloroform	**ND**		ug/L	1.0			ND	-		
Methylene chloride	**ND**		ug/L	1.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		
Toluene	**ND**		ug/L	1.0			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453901A - SW8260C										
BLK (CB80459-BLK)						Prepared: Analyzed: 26-Oct-18				
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		
Methylacetate	**ND**		ug/L	2.5			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
Benzene	**ND**		ug/L	0.70			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
Surrogate: % Bromofluorobenzene	*98*		ug/L		*10*		*98*	*70-130*		
Surrogate: % Dibromofluoromethane	*106*		ug/L		*10*		*106*	*70-130*		
Surrogate: % Toluene-d8	*102*		ug/L		*10*		*102*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*102*		ug/L		*10*		*102*	*70-130*		
LCS (CB80459-LCS)						Prepared: Analyzed: 26-Oct-18				
Bromodichloromethane	**9.344**		ug/L	0.50	10		93	70-130		30
1,3-Dichlorobenzene	**9.003**		ug/L	1.0	10		90	70-130		30
1,4-Dichlorobenzene	**8.457**		ug/L	1.0	10		85	70-130		30
2-Hexanone	**9.373**		ug/L	5.0	10		94	70-130		30
4-Methyl-2-pentanone	**9.816**		ug/L	5.0	10		98	70-130		30
Acetone	**8.477**		ug/L	5.0	10		85	70-130		30
Bromochloromethane	**9.052**		ug/L	1.0	10		91	70-130		30
1,2-Dibromoethane	**9.270**		ug/L	1.0	10		93	70-130		30
Bromoform	**9.850**		ug/L	1.0	10		98	70-130		30
Carbon Disulfide	**9.090**		ug/L	1.0	10		91	70-130		30
Benzene	**8.602**		ug/L	0.70	10		86	70-130		30
1,2-Dichloropropane	**8.715**		ug/L	1.0	10		87	70-130		30
1,2-Dichlorobenzene	**9.029**		ug/L	1.0	10		90	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453901A - SW8260C										
LCS (CB80459-LCS)					Prepared: Analyzed: 26-Oct-18					
Carbon tetrachloride	**8.622**		ug/L	1.0	10		86	70-130		30
1,2-Dibromo-3-chloropropane	**7.970**		ug/L	1.0	10		80	70-130		30
1,2,4-Trichlorobenzene	**8.902**		ug/L	1.0	10		89	70-130		30
1,2,3-Trichlorobenzene	**8.806**		ug/L	1.0	10		88	70-130		30
1,1-Dichloroethene	**9.100**		ug/L	1.0	10		91	70-130		30
1,1-Dichloroethane	**8.858**		ug/L	1.0	10		89	70-130		30
1,1,2-Trichloroethane	**9.774**		ug/L	1.0	10		98	70-130		30
1,1,2,2-Tetrachloroethane	**9.476**		ug/L	0.50	10		95	70-130		30
1,1,1-Trichloroethane	**8.712**		ug/L	1.0	10		87	70-130		30
1,2-Dichloroethane	**9.287**		ug/L	1.0	10		93	70-130		30
Methyl t-butyl ether (MTBE)	**10.21**		ug/L	1.0	10		102	70-130		30
Vinyl chloride	**9.765**		ug/L	1.0	10		98	70-130		30
Trichlorotrifluoroethane	**9.546**		ug/L	1.0	10		95	70-130		30
Trichlorofluoromethane	**8.766**		ug/L	1.0	10		88	70-130		30
Trichloroethene	**8.400**		ug/L	1.0	10		84	70-130		30
trans-1,3-Dichloropropene	**9.556**		ug/L	0.40	10		96	70-130		30
trans-1,2-Dichloroethene	**8.637**		ug/L	1.0	10		86	70-130		30
Toluene	**8.719**		ug/L	1.0	10		87	70-130		30
Tetrachloroethene	**8.637**		ug/L	1.0	10		86	70-130		30
Styrene	**9.194**		ug/L	1.0	10		92	70-130		30
o-Xylene	**8.970**		ug/L	1.0	10		90	70-130		30
Methylene chloride	**8.623**		ug/L	1.0	10		86	70-130		30
Bromomethane	**9.477**		ug/L	1.0	10		95	70-130		30
Methylacetate	**9.418**		ug/L	2.5	10		94	70-130		30
Cyclohexane	**7.848**		ug/L	5.0	10		78	70-130		30
Chloroethane	**9.584**		ug/L	1.0	10		96	70-130		30
Chloroform	**9.030**		ug/L	1.0	10		90	70-130		30
Chloromethane	**8.261**		ug/L	1.0	10		83	70-130		30
Methylcyclohexane	**8.492**		ug/L	1.0	10		85	70-130		30
cis-1,3-Dichloropropene	**9.275**		ug/L	0.40	10		93	70-130		30
Chlorobenzene	**8.798**		ug/L	1.0	10		88	70-130		30
Dibromochloromethane	**9.897**		ug/L	0.50	10		99	70-130		30
Dichlorodifluoromethane	**8.343**		ug/L	1.0	10		83	70-130		30
Ethylbenzene	**8.640**		ug/L	1.0	10		86	70-130		30
Isopropylbenzene	**8.211**		ug/L	1.0	10		82	70-130		30
m&p-Xylene	**17.14**		ug/L	1.0	20		86	70-130		30
Methyl ethyl ketone	**9.759**		ug/L	5.0	10		98	70-130		30
cis-1,2-Dichloroethene	**8.761**		ug/L	1.0	10		88	70-130		30
Surrogate: % 1,2-dichlorobenzene-d4	*10.10*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Toluene-d8	*10.16*		ug/L		*10*		*102*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.23*		ug/L		*10*		*102*	*70-130*		
Surrogate: % Bromofluorobenzene	*10.36*		ug/L		*10*		*104*	*70-130*		
LCSD (CB80459-LCSD)					Prepared: Analyzed: 26-Oct-18					
1,3-Dichlorobenzene	**8.764**		ug/L	1.0	10		88	70-130	2.2	30
Carbon tetrachloride	**8.823**		ug/L	1.0	10		88	70-130	2.3	30
Carbon Disulfide	**9.181**		ug/L	1.0	10		92	70-130	1.1	30
Bromomethane	**10.19**		ug/L	1.0	10		102	70-130	7.1	30
Bromoform	**9.516**		ug/L	1.0	10		95	70-130	3.1	30
Bromodichloromethane	**9.286**		ug/L	0.50	10		93	70-130	0.0	30
Bromochloromethane	**9.098**		ug/L	1.0	10		91	70-130	0.0	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453901A - SW8260C										
LCSD (CB80459-LCSD)					Prepared: Analyzed: 26-Oct-18					
Benzene	**8.779**		ug/L	0.70	10		88	70-130	2.3	30
Acetone	**9.265**		ug/L	5.0	10		93	70-130	9.0	30
4-Methyl-2-pentanone	**9.786**		ug/L	5.0	10		98	70-130	0.0	30
1,1,1-Trichloroethane	**8.801**		ug/L	1.0	10		88	70-130	1.1	30
1,4-Dichlorobenzene	**8.532**		ug/L	1.0	10		85	70-130	0.0	30
Chloromethane	**8.317**		ug/L	1.0	10		83	70-130	0.0	30
1,2-Dichloropropane	**9.109**		ug/L	1.0	10		91	70-130	4.5	30
1,2-Dichloroethane	**9.215**		ug/L	1.0	10		92	70-130	1.1	30
1,2-Dichlorobenzene	**9.204**		ug/L	1.0	10		92	70-130	2.2	30
1,2-Dibromoethane	**9.257**		ug/L	1.0	10		93	70-130	0.0	30
1,2-Dibromo-3-chloropropane	**9.071**		ug/L	1.0	10		91	70-130	12.9	30
1,2,4-Trichlorobenzene	**9.080**		ug/L	1.0	10		91	70-130	2.2	30
1,2,3-Trichlorobenzene	**9.154**		ug/L	1.0	10		92	70-130	4.4	30
1,1-Dichloroethene	**9.369**		ug/L	1.0	10		94	70-130	3.2	30
1,1-Dichloroethane	**8.821**		ug/L	1.0	10		88	70-130	1.1	30
1,1,2-Trichloroethane	**9.420**		ug/L	1.0	10		94	70-130	4.2	30
1,1,2,2-Tetrachloroethane	**9.447**		ug/L	0.50	10		94	70-130	1.1	30
2-Hexanone	**9.103**		ug/L	5.0	10		91	70-130	3.2	30
Methylacetate	**9.582**		ug/L	2.5	10		96	70-130	2.1	30
Vinyl chloride	**9.495**		ug/L	1.0	10		95	70-130	3.1	30
Trichlorotrifluoroethane	**9.646**		ug/L	1.0	10		96	70-130	1.0	30
Trichlorofluoromethane	**9.000**		ug/L	1.0	10		90	70-130	2.2	30
Trichloroethene	**8.761**		ug/L	1.0	10		88	70-130	4.7	30
trans-1,3-Dichloropropene	**9.509**		ug/L	0.40	10		95	70-130	1.0	30
trans-1,2-Dichloroethene	**8.689**		ug/L	1.0	10		87	70-130	1.2	30
Toluene	**8.692**		ug/L	1.0	10		87	70-130	0.0	30
Tetrachloroethene	**8.703**		ug/L	1.0	10		87	70-130	1.2	30
Styrene	**9.055**		ug/L	1.0	10		91	70-130	1.1	30
o-Xylene	**8.886**		ug/L	1.0	10		89	70-130	1.1	30
Chlorobenzene	**8.695**		ug/L	1.0	10		87	70-130	1.1	30
Methylcyclohexane	**8.457**		ug/L	1.0	10		85	70-130	0.0	30
Chloroethane	**9.360**		ug/L	1.0	10		94	70-130	2.1	30
Methyl t-butyl ether (MTBE)	**10.16**		ug/L	1.0	10		102	70-130	0.0	30
Methyl ethyl ketone	**10.03**		ug/L	5.0	10		100	70-130	2.0	30
m&p-Xylene	**17.42**		ug/L	1.0	20		87	70-130	1.2	30
Isopropylbenzene	**8.691**		ug/L	1.0	10		87	70-130	5.9	30
Ethylbenzene	**8.656**		ug/L	1.0	10		87	70-130	1.2	30
Dichlorodifluoromethane	**8.442**		ug/L	1.0	10		84	70-130	1.2	30
Dibromochloromethane	**9.991**		ug/L	0.50	10		100	70-130	1.0	30
Cyclohexane	**7.834**		ug/L	5.0	10		78	70-130	0.0	30
cis-1,3-Dichloropropene	**9.644**		ug/L	0.40	10		96	70-130	3.2	30
cis-1,2-Dichloroethene	**8.711**		ug/L	1.0	10		87	70-130	1.1	30
Chloroform	**9.079**		ug/L	1.0	10		91	70-130	1.1	30
Methylene chloride	**9.188**		ug/L	1.0	10		92	70-130	6.7	30
Surrogate: % Dibromofluoromethane	*10.51*		ug/L		*10*		*105*	*70-130*		
Surrogate: % Toluene-d8	*10.17*		ug/L		*10*		*102*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*9.971*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Bromofluorobenzene	*10.11*		ug/L		*10*		*101*	*70-130*		
Batch 453955A - SW8260C										
BLK (CB82378-BLK)					Prepared: Analyzed: 28-Oct-18					

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453955A - SW8260C										
BLK (CB82378-BLK)						Prepared:	Analyzed: 28-Oct-18			
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
Benzene	**ND**		ug/L	0.70			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Methylacetate	**ND**		ug/L	2.5			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Toluene	**ND**		ug/L	1.0			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
Chloroform	**ND**		ug/L	1.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453955A - SW8260C										
BLK (CB82378-BLK)						Prepared: Analyzed: 28-Oct-18				
Methylene chloride	**ND**		ug/L	1.0			ND	-		
Surrogate: % Bromofluorobenzene	*97*		ug/L		*10*		*97*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*98*		ug/L		*10*		*98*	*70-130*		
Surrogate: % Dibromofluoromethane	*107*		ug/L		*10*		*107*	*70-130*		
Surrogate: % Toluene-d8	*100*		ug/L		*10*		*100*	*70-130*		
LCS (CB82378-LCS)						Prepared: Analyzed: 28-Oct-18				
1,2-Dichloropropane	**9.514**		ug/L	1.0	10		95	70-130		30
Carbon tetrachloride	**9.792**		ug/L	1.0	10		98	70-130		30
Carbon Disulfide	**9.445**		ug/L	1.0	10		94	70-130		30
Bromomethane	**9.364**		ug/L	1.0	10		94	70-130		30
Bromoform	**9.350**		ug/L	1.0	10		94	70-130		30
Bromodichloromethane	**9.457**		ug/L	0.50	10		95	70-130		30
Bromochloromethane	**9.925**		ug/L	1.0	10		99	70-130		30
Benzene	**9.348**		ug/L	0.70	10		93	70-130		30
Acetone	**9.633**		ug/L	5.0	10		96	70-130		30
4-Methyl-2-pentanone	**9.027**		ug/L	5.0	10		90	70-130		30
2-Hexanone	**8.851**		ug/L	5.0	10		89	70-130		30
1,3-Dichlorobenzene	**9.451**		ug/L	1.0	10		95	70-130		30
Chloroform	**9.346**		ug/L	1.0	10		93	70-130		30
1,2-Dichloroethane	**9.627**		ug/L	1.0	10		96	70-130		30
1,2-Dichlorobenzene	**9.350**		ug/L	1.0	10		94	70-130		30
1,2-Dibromoethane	**9.245**		ug/L	1.0	10		92	70-130		30
1,2-Dibromo-3-chloropropane	**8.788**		ug/L	1.0	10		88	70-130		30
1,2,4-Trichlorobenzene	**9.649**		ug/L	1.0	10		96	70-130		30
1,2,3-Trichlorobenzene	**10.13**		ug/L	1.0	10		101	70-130		30
1,1-Dichloroethene	**9.669**		ug/L	1.0	10		97	70-130		30
1,1-Dichloroethane	**9.648**		ug/L	1.0	10		96	70-130		30
1,1,2-Trichloroethane	**9.123**		ug/L	1.0	10		91	70-130		30
1,1,2,2-Tetrachloroethane	**9.351**		ug/L	0.50	10		94	70-130		30
1,1,1-Trichloroethane	**9.483**		ug/L	1.0	10		95	70-130		30
1,4-Dichlorobenzene	**9.306**		ug/L	1.0	10		93	70-130		30
Methylcyclohexane	**9.021**		ug/L	1.0	10		90	70-130		30
Vinyl chloride	**9.670**		ug/L	1.0	10		97	70-130		30
Trichlorotrifluoroethane	**10.24**		ug/L	1.0	10		102	70-130		30
Trichlorofluoromethane	**9.520**		ug/L	1.0	10		95	70-130		30
Trichloroethene	**9.435**		ug/L	1.0	10		94	70-130		30
trans-1,3-Dichloropropene	**9.010**		ug/L	0.40	10		90	70-130		30
trans-1,2-Dichloroethene	**9.423**		ug/L	1.0	10		94	70-130		30
Toluene	**9.464**		ug/L	1.0	10		95	70-130		30
Tetrachloroethene	**9.565**		ug/L	1.0	10		96	70-130		30
Styrene	**9.533**		ug/L	1.0	10		95	70-130		30
Chlorobenzene	**9.509**		ug/L	1.0	10		95	70-130		30
Methylene chloride	**9.484**		ug/L	1.0	10		95	70-130		30
Chloroethane	**9.330**		ug/L	1.0	10		93	70-130		30
Methylacetate	**8.534**		ug/L	2.5	10		85	70-130		30
Methyl t-butyl ether (MTBE)	**9.520**		ug/L	1.0	10		95	70-130		30
Methyl ethyl ketone	**8.031**		ug/L	5.0	10		80	70-130		30
m&p-Xylene	**19.03**		ug/L	1.0	20		95	70-130		30
Isopropylbenzene	**9.446**		ug/L	1.0	10		94	70-130		30
Ethylbenzene	**9.861**		ug/L	1.0	10		99	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453955A - SW8260C										
LCS (CB82378-LCS)					Prepared: Analyzed: 28-Oct-18					
Dichlorodifluoromethane	**9.059**		ug/L	1.0	10		91	70-130		30
Dibromochloromethane	**9.802**		ug/L	0.50	10		98	70-130		30
Cyclohexane	**9.078**		ug/L	5.0	10		91	70-130		30
cis-1,3-Dichloropropene	**9.194**		ug/L	0.40	10		92	70-130		30
cis-1,2-Dichloroethene	**9.463**		ug/L	1.0	10		95	70-130		30
Chloromethane	**8.603**		ug/L	1.0	10		86	70-130		30
o-Xylene	**9.649**		ug/L	1.0	10		96	70-130		30
Surrogate: % Toluene-d8	*9.989*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*9.923*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.934*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.15*		ug/L		*10*		*102*	*70-130*		
LCSD (CB82378-LCSD)					Prepared: Analyzed: 28-Oct-18					
1,2-Dichloropropane	**10.06**		ug/L	1.0	10		101	70-130	6.1	30
Chlorobenzene	**9.821**		ug/L	1.0	10		98	70-130	3.1	30
Carbon Disulfide	**9.756**		ug/L	1.0	10		98	70-130	4.2	30
Bromomethane	**10.96**		ug/L	1.0	10		110	70-130	15.7	30
Bromoform	**10.14**		ug/L	1.0	10		101	70-130	7.2	30
Bromodichloromethane	**10.30**		ug/L	0.50	10		103	70-130	8.1	30
Bromochloromethane	**10.08**		ug/L	1.0	10		101	70-130	2.0	30
Benzene	**10.07**		ug/L	0.70	10		101	70-130	8.2	30
Acetone	**9.406**		ug/L	5.0	10		94	70-130	2.1	30
4-Methyl-2-pentanone	**9.811**		ug/L	5.0	10		98	70-130	8.5	30
2-Hexanone	**9.732**		ug/L	5.0	10		97	70-130	8.6	30
Chloroform	**9.822**		ug/L	1.0	10		98	70-130	5.2	30
1,3-Dichlorobenzene	**10.08**		ug/L	1.0	10		101	70-130	6.1	30
Chloroethane	**9.895**		ug/L	1.0	10		99	70-130	6.3	30
1,2-Dichloroethane	**10.36**		ug/L	1.0	10		104	70-130	8.0	30
1,2-Dichlorobenzene	**10.15**		ug/L	1.0	10		101	70-130	7.2	30
1,2-Dibromoethane	**9.743**		ug/L	1.0	10		97	70-130	5.3	30
1,2-Dibromo-3-chloropropane	**11.09**		ug/L	1.0	10		111	70-130	23.1	30
1,2,4-Trichlorobenzene	**10.89**		ug/L	1.0	10		109	70-130	12.7	30
1,2,3-Trichlorobenzene	**11.72**		ug/L	1.0	10		117	70-130	14.7	30
1,1-Dichloroethene	**10.19**		ug/L	1.0	10		102	70-130	5.0	30
1,1-Dichloroethane	**10.17**		ug/L	1.0	10		102	70-130	6.1	30
1,1,2-Trichloroethane	**9.867**		ug/L	1.0	10		99	70-130	8.4	30
1,1,2,2-Tetrachloroethane	**9.601**		ug/L	0.50	10		96	70-130	2.1	30
1,4-Dichlorobenzene	**10.14**		ug/L	1.0	10		101	70-130	8.2	30
Methylene chloride	**10.12**		ug/L	1.0	10		101	70-130	6.1	30
1,1,1-Trichloroethane	**9.909**		ug/L	1.0	10		99	70-130	4.1	30
Vinyl chloride	**9.824**		ug/L	1.0	10		98	70-130	1.0	30
Trichlorotrifluoroethane	**10.61**		ug/L	1.0	10		106	70-130	3.8	30
Trichlorofluoromethane	**10.14**		ug/L	1.0	10		101	70-130	6.1	30
Trichloroethene	**10.09**		ug/L	1.0	10		101	70-130	7.2	30
trans-1,3-Dichloropropene	**9.533**		ug/L	0.40	10		95	70-130	5.4	30
trans-1,2-Dichloroethene	**9.782**		ug/L	1.0	10		98	70-130	4.2	30
Toluene	**9.886**		ug/L	1.0	10		99	70-130	4.1	30
Tetrachloroethene	**10.19**		ug/L	1.0	10		102	70-130	6.1	30
Carbon tetrachloride	**10.19**		ug/L	1.0	10		102	70-130	4.0	30
o-Xylene	**10.02**		ug/L	1.0	10		100	70-130	4.1	30
Chloromethane	**8.988**		ug/L	1.0	10		90	70-130	4.5	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453955A - SW8260C										
LCSD (CB82378-LCSD)					Prepared: Analyzed: 28-Oct-18					
Dibromochloromethane	**10.30**		ug/L	0.50	10		103	70-130	5.0	30
cis-1,2-Dichloroethene	**9.834**		ug/L	1.0	10		98	70-130	3.1	30
Styrene	**9.841**		ug/L	1.0	10		98	70-130	3.1	30
Cyclohexane	**9.463**		ug/L	5.0	10		95	70-130	4.3	30
Methylcyclohexane	**9.615**		ug/L	1.0	10		96	70-130	6.5	30
Dichlorodifluoromethane	**9.629**		ug/L	1.0	10		96	70-130	5.3	30
Ethylbenzene	**10.00**		ug/L	1.0	10		100	70-130	1.0	30
Isopropylbenzene	**10.12**		ug/L	1.0	10		101	70-130	7.2	30
m&p-Xylene	**19.07**		ug/L	1.0	20		95	70-130	0.0	30
Methyl ethyl ketone	**9.278**		ug/L	5.0	10		93	70-130	15.0	30
Methyl t-butyl ether (MTBE)	**9.963**		ug/L	1.0	10		100	70-130	5.1	30
Methylacetate	**8.132**		ug/L	2.5	10		81	70-130	4.8	30
cis-1,3-Dichloropropene	**10.11**		ug/L	0.40	10		101	70-130	9.3	30
Surrogate: % Toluene-d8	*10.25*		ug/L		*10*		*102*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.06*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.900*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.49*		ug/L		*10*		*105*	*70-130*		
MS (CB82378-MS)			**Source: CB82378**		Prepared: Analyzed: 28-Oct-18					
Trichlorotrifluoroethane	**11.68**		ug/L	1.0	10		117	70-130		30
1,2-Dichloropropane	**10.45**		ug/L	1.0	10		105	70-130		30
Chlorobenzene	**10.32**		ug/L	1.0	10		103	60-133		30
Carbon Disulfide	**10.43**		ug/L	1.0	10		104	70-130		30
Bromomethane	**5.356**	m, r	ug/L	1.0	10		54	70-130		30
Bromoform	**10.34**		ug/L	1.0	10		103	70-130		30
Bromodichloromethane	**10.48**		ug/L	0.50	10		105	70-130		30
Bromochloromethane	**10.41**		ug/L	1.0	10		104	70-130		30
Benzene	**10.54**		ug/L	0.70	10		105	66-142		30
Acetone	**9.234**		ug/L	5.0	10		92	70-130		30
4-Methyl-2-pentanone	**9.306**		ug/L	5.0	10		93	70-130		30
2-Hexanone	**9.468**		ug/L	5.0	10		95	70-130		30
Vinyl chloride	**23.20**		ug/L	1.0	10		110	70-130		30
1,3-Dichlorobenzene	**10.34**		ug/L	1.0	10		103	70-130		30
Chloroethane	**10.58**		ug/L	1.0	10		106	70-130		30
1,2-Dichloroethane	**11.11**		ug/L	1.0	10		111	70-130		30
1,2-Dichlorobenzene	**10.15**		ug/L	1.0	10		101	70-130		30
1,2-Dibromoethane	**9.733**		ug/L	1.0	10		97	70-130		30
1,2-Dibromo-3-chloropropane	**9.031**		ug/L	1.0	10		90	70-130		30
1,2,4-Trichlorobenzene	**10.20**		ug/L	1.0	10		102	70-130		30
1,2,3-Trichlorobenzene	**9.171**		ug/L	1.0	10		92	70-130		30
1,1-Dichloroethene	**11.47**		ug/L	1.0	10		112	59-172		30
1,1-Dichloroethane	**11.06**		ug/L	1.0	10		111	70-130		30
1,1,2-Trichloroethane	**10.23**		ug/L	1.0	10		102	70-130		30
1,1,2,2-Tetrachloroethane	**9.919**		ug/L	0.50	10		99	70-130		30
1,1,1-Trichloroethane	**10.47**		ug/L	1.0	10		105	70-130		30
1,4-Dichlorobenzene	**10.20**		ug/L	1.0	10		102	70-130		30
Methyl t-butyl ether (MTBE)	**10.53**		ug/L	1.0	10		105	70-130		30
Trichlorofluoromethane	**10.68**		ug/L	1.0	10		107	70-130		30
Trichloroethene	**18.28**		ug/L	1.0	10		113	62-137		30
trans-1,3-Dichloropropene	**9.565**		ug/L	0.40	10		96	70-130		30
trans-1,2-Dichloroethene	**11.91**		ug/L	1.0	10		106	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453955A - SW8260C										
MS (CB82378-MS)			**Source: CB82378**			Prepared: Analyzed: 28-Oct-18				
Toluene	**10.52**		ug/L	1.0	10		105	59-139		30
Tetrachloroethene	**94.65**		ug/L	1.0	10		NC	70-130		30
Styrene	**10.25**		ug/L	1.0	10		103	70-130		30
o-Xylene	**10.50**		ug/L	1.0	10		105	70-130		30
Methylene chloride	**10.53**		ug/L	1.0	10		105	70-130		30
Carbon tetrachloride	**10.95**		ug/L	1.0	10		109	70-130		30
Methylacetate	**8.513**		ug/L	2.5	10		85	70-130		30
Chloroform	**9.997**		ug/L	1.0	10		100	70-130		30
cis-1,3-Dichloropropene	**10.24**		ug/L	0.40	10		102	70-130		30
Methylcyclohexane	**9.946**		ug/L	1.0	10		99	70-130		30
cis-1,2-Dichloroethene	**282.2**		ug/L	1.0	10		NC	70-130		30
Methyl ethyl ketone	**9.205**		ug/L	5.0	10		92	70-130		30
Cyclohexane	**10.07**		ug/L	5.0	10		101	70-130		30
Dibromochloromethane	**10.60**		ug/L	0.50	10		106	70-130		30
Dichlorodifluoromethane	**9.843**		ug/L	1.0	10		98	70-130		30
Ethylbenzene	**10.53**		ug/L	1.0	10		105	70-130		30
Isopropylbenzene	**10.47**		ug/L	1.0	10		105	70-130		30
m&p-Xylene	**20.59**		ug/L	1.0	20		103	70-130		30
Chloromethane	**8.784**		ug/L	1.0	10		88	70-130		30
Surrogate: % Dibromofluoromethane	*10.19*		ug/L		*10*		*102*	*70-130*		
Surrogate: % Toluene-d8	*10.01*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.20*		ug/L		*10*		*102*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.669*		ug/L		*10*		*97*	*70-130*		
MSD (CB82378-MSD)			**Source: CB82378**			Prepared: Analyzed: 28-Oct-18				
Trichlorofluoromethane	**10.67**		ug/L	1.0	10		107	70-130	0.0	30
Methyl ethyl ketone	**9.665**		ug/L	5.0	10		97	70-130	5.3	30
Trichloroethene	**17.08**		ug/L	1.0	10		101	62-137	11.2	30
Chloroethane	**10.17**		ug/L	1.0	10		102	70-130	3.8	30
Chloroform	**9.808**		ug/L	1.0	10		98	70-130	2.0	30
Chloromethane	**8.488**		ug/L	1.0	10		85	70-130	3.5	30
cis-1,2-Dichloroethene	**269.9**		ug/L	1.0	10		NC	70-130	NC	30
cis-1,3-Dichloropropene	**9.580**		ug/L	0.40	10		96	70-130	6.1	30
Cyclohexane	**9.657**		ug/L	5.0	10		97	70-130	4.0	30
Dibromochloromethane	**10.35**		ug/L	0.50	10		103	70-130	2.9	30
Dichlorodifluoromethane	**9.407**		ug/L	1.0	10		94	70-130	4.2	30
Ethylbenzene	**10.55**		ug/L	1.0	10		105	70-130	0.0	30
Carbon tetrachloride	**10.78**		ug/L	1.0	10		108	70-130	0.9	30
m&p-Xylene	**20.39**		ug/L	1.0	20		102	70-130	1.0	30
Carbon Disulfide	**10.13**		ug/L	1.0	10		101	70-130	2.9	30
Methyl t-butyl ether (MTBE)	**10.05**		ug/L	1.0	10		100	70-130	4.9	30
Methylacetate	**8.082**		ug/L	2.5	10		81	70-130	4.8	30
Methylcyclohexane	**9.524**		ug/L	1.0	10		95	70-130	4.1	30
Methylene chloride	**9.952**		ug/L	1.0	10		100	70-130	4.9	30
o-Xylene	**10.39**		ug/L	1.0	10		104	70-130	1.0	30
Styrene	**10.23**		ug/L	1.0	10		102	70-130	1.0	30
Tetrachloroethene	**88.75**		ug/L	1.0	10		NC	70-130	NC	30
Toluene	**10.08**		ug/L	1.0	10		101	59-139	3.9	30
trans-1,2-Dichloroethene	**11.29**		ug/L	1.0	10		100	70-130	5.8	30
trans-1,3-Dichloropropene	**9.220**		ug/L	0.40	10		92	70-130	4.3	30
Isopropylbenzene	**10.09**		ug/L	1.0	10		101	70-130	3.9	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 453955A - SW8260C										
MSD (CB82378-MSD)			**Source: CB82378**			Prepared: Analyzed: 28-Oct-18				
1,2-Dichloropropane	**10.20**		ug/L	1.0	10		102	70-130	2.9	30
Vinyl chloride	**22.47**		ug/L	1.0	10		103	70-130	6.6	30
1,1,1-Trichloroethane	**10.41**		ug/L	1.0	10		104	70-130	1.0	30
1,1,2,2-Tetrachloroethane	**9.211**		ug/L	0.50	10		92	70-130	7.3	30
1,1,2-Trichloroethane	**9.198**		ug/L	1.0	10		92	70-130	10.3	30
1,1-Dichloroethane	**10.45**		ug/L	1.0	10		105	70-130	5.6	30
1,1-Dichloroethene	**11.07**		ug/L	1.0	10		108	59-172	3.6	30
1,2,3-Trichlorobenzene	**10.88**		ug/L	1.0	10		109	70-130	16.9	30
1,2,4-Trichlorobenzene	**10.50**		ug/L	1.0	10		105	70-130	2.9	30
1,2-Dibromo-3-chloropropane	**9.279**		ug/L	1.0	10		93	70-130	3.3	30
1,2-Dibromoethane	**9.428**		ug/L	1.0	10		94	70-130	3.1	30
Chlorobenzene	**10.37**		ug/L	1.0	10		104	60-133	1.0	30
1,2-Dichloroethane	**10.18**		ug/L	1.0	10		102	70-130	8.5	30
Trichlorotrifluoroethane	**10.90**		ug/L	1.0	10		109	70-130	7.1	30
1,3-Dichlorobenzene	**9.995**		ug/L	1.0	10		100	70-130	3.0	30
1,4-Dichlorobenzene	**10.13**		ug/L	1.0	10		101	70-130	1.0	30
2-Hexanone	**9.515**		ug/L	5.0	10		95	70-130	0.0	30
4-Methyl-2-pentanone	**9.211**		ug/L	5.0	10		92	70-130	1.1	30
Acetone	**10.23**		ug/L	5.0	10		102	70-130	10.3	30
Benzene	**9.944**		ug/L	0.70	10		99	66-142	5.9	30
Bromochloromethane	**10.16**		ug/L	1.0	10		102	70-130	1.9	30
Bromodichloromethane	**10.17**		ug/L	0.50	10		102	70-130	2.9	30
Bromoform	**10.03**		ug/L	1.0	10		100	70-130	3.0	30
Bromomethane	**7.756**	r	ug/L	1.0	10		78	70-130	36.4	30
1,2-Dichlorobenzene	**10.08**		ug/L	1.0	10		101	70-130	0.0	30
Surrogate: % 1,2-dichlorobenzene-d4	*9.947*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.797*		ug/L		*10*		*98*	*70-130*		
Surrogate: % Dibromofluoromethane	*9.170*		ug/L		*10*		*92*	*70-130*		
Surrogate: % Toluene-d8	*9.915*		ug/L		*10*		*99*	*70-130*		
Batch 454083A - SW8260C										
BLK (CB82246-BLK)						Prepared: Analyzed: 29-Oct-18				
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
Methylene chloride	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
Chloroform	**ND**		ug/L	1.0			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454083A - SW8260C										
BLK (CB82246-BLK)						Prepared: Analyzed: 29-Oct-18				
Toluene	**ND**		ug/L	1.0			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Methylacetate	**ND**		ug/L	2.5			ND	-		
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Benzene	**ND**		ug/L	0.70			ND	-		
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		
Surrogate: % Toluene-d8	*98*		ug/L		*10*		*98*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*100*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Bromofluorobenzene	*96*		ug/L		*10*		*96*	*70-130*		
Surrogate: % Dibromofluoromethane	*97*		ug/L		*10*		*97*	*70-130*		
LCS (CB82246-LCS)						Prepared: Analyzed: 29-Oct-18				
Methylacetate	**7.438**		ug/L	2.5	10		74	70-130		30
Chloroethane	**8.702**		ug/L	1.0	10		87	70-130		30
Chloroform	**9.034**		ug/L	1.0	10		90	70-130		30
Chloromethane	**7.400**		ug/L	1.0	10		74	70-130		30
cis-1,2-Dichloroethene	**8.697**		ug/L	1.0	10		87	70-130		30
cis-1,3-Dichloropropene	**8.736**		ug/L	0.40	10		87	70-130		30
Cyclohexane	**8.728**		ug/L	5.0	10		87	70-130		30
Dibromochloromethane	**9.441**		ug/L	0.50	10		94	70-130		30
Dichlorodifluoromethane	**8.633**		ug/L	1.0	10		86	70-130		30
Ethylbenzene	**9.305**		ug/L	1.0	10		93	70-130		30
Isopropylbenzene	**9.267**		ug/L	1.0	10		93	70-130		30
m&p-Xylene	**18.25**		ug/L	1.0	20		91	70-130		30
Chlorobenzene	**9.265**		ug/L	1.0	10		93	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454083A - SW8260C										
LCS (CB82246-LCS)					Prepared: Analyzed: 29-Oct-18					
Methyl t-butyl ether (MTBE)	**8.906**		ug/L	1.0	10		89	70-130		30
Trichlorofluoromethane	**8.832**		ug/L	1.0	10		88	70-130		30
Methylcyclohexane	**8.589**		ug/L	1.0	10		86	70-130		30
Methylene chloride	**9.129**		ug/L	1.0	10		91	70-130		30
o-Xylene	**9.427**		ug/L	1.0	10		94	70-130		30
Styrene	**9.266**		ug/L	1.0	10		93	70-130		30
Tetrachloroethene	**9.077**		ug/L	1.0	10		91	70-130		30
Toluene	**8.802**		ug/L	1.0	10		88	70-130		30
trans-1,2-Dichloroethene	**8.960**		ug/L	1.0	10		90	70-130		30
trans-1,3-Dichloropropene	**8.566**		ug/L	0.40	10		86	70-130		30
Trichloroethene	**9.067**		ug/L	1.0	10		91	70-130		30
Vinyl chloride	**8.628**		ug/L	1.0	10		86	70-130		30
Trichlorotrifluoroethane	**9.999**		ug/L	1.0	10		100	70-130		30
Methyl ethyl ketone	**8.155**		ug/L	5.0	10		82	70-130		30
1,1-Dichloroethene	**9.439**		ug/L	1.0	10		94	70-130		30
1,1,1-Trichloroethane	**8.952**		ug/L	1.0	10		90	70-130		30
1,1,2,2-Tetrachloroethane	**9.360**		ug/L	0.50	10		94	70-130		30
Carbon tetrachloride	**9.275**		ug/L	1.0	10		93	70-130		30
1,1-Dichloroethane	**9.179**		ug/L	1.0	10		92	70-130		30
1,2,3-Trichlorobenzene	**9.921**		ug/L	1.0	10		99	70-130		30
1,2,4-Trichlorobenzene	**9.750**		ug/L	1.0	10		98	70-130		30
1,2-Dibromo-3-chloropropane	**8.858**		ug/L	1.0	10		89	70-130		30
1,2-Dibromoethane	**9.542**		ug/L	1.0	10		95	70-130		30
1,2-Dichlorobenzene	**9.309**		ug/L	1.0	10		93	70-130		30
1,2-Dichloroethane	**9.416**		ug/L	1.0	10		94	70-130		30
1,2-Dichloropropane	**8.806**		ug/L	1.0	10		88	70-130		30
Bromoform	**9.603**		ug/L	1.0	10		96	70-130		30
1,1,2-Trichloroethane	**8.907**		ug/L	1.0	10		89	70-130		30
1,3-Dichlorobenzene	**9.262**		ug/L	1.0	10		93	70-130		30
Bromomethane	**8.162**		ug/L	1.0	10		82	70-130		30
Bromodichloromethane	**9.281**		ug/L	0.50	10		93	70-130		30
Bromochloromethane	**9.569**		ug/L	1.0	10		96	70-130		30
Benzene	**8.822**		ug/L	0.70	10		88	70-130		30
Acetone	**7.965**		ug/L	5.0	10		80	70-130		30
4-Methyl-2-pentanone	**8.665**		ug/L	5.0	10		87	70-130		30
2-Hexanone	**8.603**		ug/L	5.0	10		86	70-130		30
1,4-Dichlorobenzene	**9.247**		ug/L	1.0	10		92	70-130		30
Carbon Disulfide	**8.676**		ug/L	1.0	10		87	70-130		30
Surrogate: % Dibromofluoromethane	*9.988*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Toluene-d8	*9.871*		ug/L		*10*		*99*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*9.859*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.811*		ug/L		*10*		*98*	*70-130*		
LCSD (CB82246-LCSD)					Prepared: Analyzed: 29-Oct-18					
Chlorobenzene	**9.556**		ug/L	1.0	10		96	70-130	3.2	30
Dichlorodifluoromethane	**8.931**		ug/L	1.0	10		89	70-130	3.4	30
m&p-Xylene	**18.58**		ug/L	1.0	20		93	70-130	2.2	30
Isopropylbenzene	**9.680**		ug/L	1.0	10		97	70-130	4.2	30
Ethylbenzene	**9.768**		ug/L	1.0	10		98	70-130	5.2	30
Dibromochloromethane	**9.693**		ug/L	0.50	10		97	70-130	3.1	30
Cyclohexane	**9.049**		ug/L	5.0	10		90	70-130	3.4	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454083A - SW8260C										
LCSD (CB82246-LCSD)					Prepared: Analyzed: 29-Oct-18					
cis-1,3-Dichloropropene	**8.834**		ug/L	0.40	10		88	70-130	1.1	30
cis-1,2-Dichloroethene	**9.389**		ug/L	1.0	10		94	70-130	7.7	30
Chloromethane	**7.725**		ug/L	1.0	10		77	70-130	4.0	30
Chloroethane	**8.898**		ug/L	1.0	10		89	70-130	2.3	30
Chloroform	**9.032**		ug/L	1.0	10		90	70-130	0.0	30
Methyl ethyl ketone	**7.979**		ug/L	5.0	10		80	70-130	2.5	30
Methyl t-butyl ether (MTBE)	**8.925**		ug/L	1.0	10		89	70-130	0.0	30
Methylacetate	**7.352**		ug/L	2.5	10		74	70-130	0.0	30
Methylcyclohexane	**8.858**		ug/L	1.0	10		89	70-130	3.4	30
Methylene chloride	**9.410**		ug/L	1.0	10		94	70-130	3.2	30
o-Xylene	**9.618**		ug/L	1.0	10		96	70-130	2.1	30
Styrene	**9.456**		ug/L	1.0	10		95	70-130	2.1	30
Tetrachloroethene	**9.451**		ug/L	1.0	10		95	70-130	4.3	30
Toluene	**9.210**		ug/L	1.0	10		92	70-130	4.4	30
Carbon tetrachloride	**9.664**		ug/L	1.0	10		97	70-130	4.2	30
trans-1,3-Dichloropropene	**8.608**		ug/L	0.40	10		86	70-130	0.0	30
1,2-Dibromoethane	**9.200**		ug/L	1.0	10		92	70-130	3.2	30
Trichloroethene	**9.343**		ug/L	1.0	10		93	70-130	2.2	30
trans-1,2-Dichloroethene	**9.456**		ug/L	1.0	10		95	70-130	5.4	30
1,2-Dichlorobenzene	**9.196**		ug/L	1.0	10		92	70-130	1.1	30
Trichlorofluoromethane	**9.524**		ug/L	1.0	10		95	70-130	7.7	30
Vinyl chloride	**9.148**		ug/L	1.0	10		91	70-130	5.6	30
Trichlorotrifluoroethane	**10.38**		ug/L	1.0	10		104	70-130	3.9	30
1,1,1-Trichloroethane	**9.409**		ug/L	1.0	10		94	70-130	4.3	30
1,1,2,2-Tetrachloroethane	**9.049**		ug/L	0.50	10		90	70-130	4.3	30
1,1,2-Trichloroethane	**8.798**		ug/L	1.0	10		88	70-130	1.1	30
1,1-Dichloroethane	**9.543**		ug/L	1.0	10		95	70-130	3.2	30
1,1-Dichloroethene	**9.853**		ug/L	1.0	10		99	70-130	5.2	30
1,2,3-Trichlorobenzene	**10.57**		ug/L	1.0	10		106	70-130	6.8	30
1,2-Dichloroethane	**9.556**		ug/L	1.0	10		96	70-130	2.1	30
1,2-Dibromo-3-chloropropane	**9.102**		ug/L	1.0	10		91	70-130	2.2	30
Carbon Disulfide	**9.277**		ug/L	1.0	10		93	70-130	6.7	30
1,2-Dichloropropane	**9.288**		ug/L	1.0	10		93	70-130	5.5	30
1,3-Dichlorobenzene	**9.498**		ug/L	1.0	10		95	70-130	2.1	30
1,4-Dichlorobenzene	**9.413**		ug/L	1.0	10		94	70-130	2.2	30
2-Hexanone	**8.498**		ug/L	5.0	10		85	70-130	1.2	30
4-Methyl-2-pentanone	**8.294**		ug/L	5.0	10		83	70-130	4.7	30
Acetone	**8.303**		ug/L	5.0	10		83	70-130	3.7	30
Benzene	**9.246**		ug/L	0.70	10		92	70-130	4.4	30
Bromochloromethane	**9.492**		ug/L	1.0	10		95	70-130	1.0	30
Bromodichloromethane	**9.153**		ug/L	0.50	10		92	70-130	1.1	30
Bromoform	**9.299**		ug/L	1.0	10		93	70-130	3.2	30
Bromomethane	**9.129**		ug/L	1.0	10		91	70-130	10.4	30
1,2,4-Trichlorobenzene	**9.882**		ug/L	1.0	10		99	70-130	1.0	30
Surrogate: % 1,2-dichlorobenzene-d4	*9.788*		ug/L		*10*		*98*	*70-130*		
Surrogate: % Toluene-d8	*9.781*		ug/L		*10*		*98*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.961*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Dibromofluoromethane	*9.806*		ug/L		*10*		*98*	*70-130*		

Notes and Definitions

J	J=Estimated Below RL
m	This parameter is outside laboratory ms/msd specified recovery limits.
r	This parameter is outside laboratory rpd specified recovery limits.
S	S - Laboratory solvent, contamination is possible.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SC51327

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CHAIN OF CUSTODY RECORD

Page 1 of 3

Special Handling:

☒ Standard TAT - 7 to 10 business days

☐ Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Patrode
368 pleasantview Dr
Lancaster NY 14086

Telephone #: 716 684-8060
Project Mgr: Ashlee Patrode

Invoice To: Ashlee Patrode
368 Pleasantview Dr
Lancaster NY 14086

P.O No.: _____ Quote #: _____

Project No: 10C3074.0011.011
Site Name: Mr C's
Location: EAST Aurora State: NY
Sampler(s): L.Reed / MATT GEIB

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: 8260	List Preservative Code below: 2	Check if chlorinated
SC51327-01	TB-101618	10-16-18	8:00	G	GW	1				X		☐
02	MW8-101618	10/16/18	8:56	G	GW	3				X		☐
03	MPI5S-101618	10/16/18	10:40	G	GW	3				X		☐
04	MPI5S-101618Q	10/16/18	10:40	G	GW	3				X		☐
05	PZ3B-101618	10/16/18	12:20	G	GW	3				X		☐
	PZ3B-101618 MS	10/16/18	12:20	G	GW	3				X		☐
	PZ3B-101618 MSD	10/16/18	12:20	G	GW	3				X		☐
06	ESI-2R101618	10/16/18	13:57	G	GW	3				X		☐
07	MPI8SR101618	10/16/18	15:40	G	GW	3				X		☐
08	ESI5R	10/17/18	14:05	G	GW	3				X		☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☒ Other: As per contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
Lawrence T Reed	Fedex	10/19/18	15:00	Observed 5.2
Fedex	[signature]	10/20/18	12:40	Correction Factor 0
				Corrected 5.2
				IR ID# 1

☐ EDD format: As per Contract
☐ E-mail to: _____

Condition upon receipt: Custody Seals: ☑ Present ☑ Intact ☐
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐

SC51327 By

eurofins | Spectrum Analytical

CHAIN OF CUSTODY RECORD

Page 2 of 3

Special Handling:
- ☑ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Patnode
368 Pleasantview Dr
Lancaster NY 14086

Telephone #: 716 684-8060
Project Mgr: Ashlee Patnode

Invoice To: Ashlee Patnode
368 Pleasantview Dr
Lancaster NY 14086

P.O No.: _____ Quote #: _____

Project No: 10C3074.0011.011
Site Name: Mr C's
Location: East Aurora State: NY
Sampler(s): L. Roell / McHugh

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List Preservative Code below: 2	Analysis: 8260	Check if chlorinated
SC5132709	EE2-101718	10/17/18	12:16	G	GW	3					X	☐
10	MPI 9S-101718	10/17/18	10:54	G	GW	3					X	☐
11	MPI 14BR-101718	10/17/18	9:50	G	GW	3					X	☐
12	MPI 15B-101818	10/18/18	0856	G	GW	3					X	☐
13	EE3-101818	10/18/18	10:46	G	GW	3					X	☐
14	MPI 3S-101818	10/18/18	11:43	G	GW	3					X	☐
15	MPI 1S-101818	10/18/18	12:57	G	GW	3					X	☐
16	ESI-6 101818	10/18/18	14:30	G	GW	3					X	☐
17	PZ6A-101918	10/19/18	856	G	GW	3					X	☐
18	PZ6A-101918Q	10/19/18	8:56	G	GW	3					X	☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☒ Other: As per contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
Roell	Fedex	10/19/18	15:00	Observed 5.2
Fedex	[signature]	10/20/18	12:40	Correction Factor 0
				Corrected 5.2
				IR ID # 1

☐ EDD format: As per contract
☐ E-mail to: _____

Condition upon receipt: Custody Seals: ☑ Present ☑ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SC51327

SPECTRUM ANALYTICAL, INC.

CHAIN OF CUSTODY RECORD

Page 3 of 3

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
  All TATs subject to laboratory approval
  Min. 24-hr notification needed for rushes
  Samples disposed after 60 days unless otherwise instructed.

Report To: Ashlee Patnode
368 Pleasantview Drive
Lancaster NY 14086

Telephone #: 716 684-8066
Project Mgr: Ashlee Patnode

Invoice To: Ashlee Patnode
368 Pleasantview Dr
Lancaster NY 14086

P.O No.: _____ Quote/RQN: _____

Project No: 10C3024.0011.011
Site Name: Mr C's
Location: East Aurora State: NY
Sampler(s): L. Hoedl Matt Gelb

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Dinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: 8260	Check if chlorinated
SC51327-19	MPI65-101918	10/19/18	10:16	G	GW	3				X	☐
20	PZ7D-101918	10/19/18	11:40	G	GW	3				X	☐
21	PZ8C-101918	10/19/18	13:10	G	GW	3				X	☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐
											☐

List Preservative Code below: 2

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: As per contract
State-specific reporting standards:

Lauren Reed 10/19/18

Relinquished by:	Received by:	Date:	Time:
Lauren Reed	Fedex	10/19/18	15:00
Fedex		10/20/18	12:40

Temp °C: Observed 5.2; Correction Factor 0; Corrected 5.2; IR ID # 1

☐ EDD format: As per contract.
☐ E-mail to: _____

Condition upon receipt: Custody Seals: ☑ Present ☑ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

ORIGIN ID:DKKA (716) 684-8060
ATTN: ASHLEE PATNODE
ECOLOGY AND ENVIRONMENTAL ENG. P.C.
368 PLEASANTVIEW DRIVE

LANCASTER, NY 14086
UNITED STATES US

SHIP DATE: 16OCT18
ACTWGT: 10.00 LB
CAD: 0654830/CAFE3210

TO **ROBERT BRISTOL**
EUROFINS SPECTRUM ANALYTICAL, INC.
11 ALMGREN DRIVE

AGAWAM MA 01001
(413) 789-9018 REF:
INV:
PO: DEPT.

552J1/88FB/DCA5

RMA:

FedEx Express

FedEx
TRK# 0223 **4663 8817 2345**

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO EHTA

01001
MA-US BDL

#5149641 10/19 552J1/88FB/DCA5

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Batch Summary

453701A

Subcontracted Analyses

CB80458-BLK
CB80458-LCS
CB80458-LCSD
CB80458-MS
CB80458-MSD
SC51327-01 (TB-101618)
SC51327-02 (MW8-101618)
SC51327-03 (MPI5S-101618)
SC51327-04 (MPI5S-101618Q)
SC51327-05 (PZ3B-101618)
SC51327-07 (MPI8SR-101618)
SC51327-09 (EE2-101718)
SC51327-11 (MPI14BR-101718)
SC51327-12 (MPI15B-101818)
SC51327-13 (EE3-101818)
SC51327-14 (MPI3S-101818)
SC51327-15 (MPI1S-101818)

453901A

Subcontracted Analyses

CB80459-BLK
CB80459-LCS
CB80459-LCSD
SC51327-06 (ESI-2R-101618)
SC51327-08 (ESI5R-101718)
SC51327-10 (MPI9S-101718)
SC51327-16 (ESI-6-101818)
SC51327-17 (PZ6A-101918)

453955A

Subcontracted Analyses

CB82378-BLK
CB82378-LCS
CB82378-LCSD
CB82378-MS
CB82378-MSD
SC51327-18 (PZ6A-101918Q)
SC51327-21 (P28C-101918)

454083A

Subcontracted Analyses

CB82246-BLK
CB82246-LCS
CB82246-LCSD
SC51327-19 (MPI6S-101918)
SC51327-20 (P27D-101918)

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☑ Final Report
☐ Revised Report

Report Date:
12-Nov-18 16:58

Laboratory Report
SC51444

Ecology and Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086
Attn: Ashlee Patnode

Project: Mr. C's Groundwaters
Project #: 10C3074.0011.011

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

Rebecca Merz
Quality Services Manager

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 63 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

Sample Summary

Work Order: SC51444

Project: Mr. C's Groundwaters

Project Number: 10C3074.0011.011

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC51444-01	TB-102218	Ground Water	22-Oct-18 08:00	25-Oct-18 09:49
SC51444-02	ESI3-102218	Ground Water	22-Oct-18 09:45	25-Oct-18 09:49
SC51444-03	MPI7-IR-102218	Ground Water	22-Oct-18 11:44	25-Oct-18 09:49
SC51444-04	PZ-1D-102218	Ground Water	22-Oct-18 12:49	25-Oct-18 09:49
SC51444-05	PZ-5A-102218	Ground Water	22-Oct-18 14:02	25-Oct-18 09:49
SC51444-06	MPI2SR-102318	Ground Water	23-Oct-18 08:28	25-Oct-18 09:49
SC51444-07	MW7-102318	Ground Water	23-Oct-18 10:23	25-Oct-18 09:49
SC51444-08	MPI13BR-102418	Ground Water	24-Oct-18 09:00	25-Oct-18 09:49
SC51444-09	MPI4-I-102418	Ground Water	24-Oct-18 10:20	25-Oct-18 09:49
SC51444-10	MPI4-S-102418	Ground Water	24-Oct-18 10:58	25-Oct-18 09:49
SC51444-11	PW4-102418	Ground Water	24-Oct-18 11:43	25-Oct-18 09:49
SC51444-12	PW6-102418	Ground Water	24-Oct-18 12:05	25-Oct-18 09:49
SC51444-13	PW7-102418	Ground Water	24-Oct-18 12:50	25-Oct-18 09:49
SC51444-14	PW8-102418	Ground Water	24-Oct-18 12:47	25-Oct-18 09:49
SC51444-15	PW2-102418	Ground Water	24-Oct-18 13:10	25-Oct-18 09:49
SC51444-16	RW1-102418	Ground Water	24-Oct-18 13:35	25-Oct-18 09:49
SC51444-17	PW3-102418	Ground Water	24-Oct-18 13:52	25-Oct-18 09:49
SC51444-18	PW5-102418	Ground Water	24-Oct-18 14:25	25-Oct-18 09:49

CASE NARRATIVE:

Data has been reported to the RDL. This report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the detection limit are reported as "<" (less than) the detection limit in this report.

The samples were received 2.1 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group. If method or program required MS/MSD/Dup were not performed, sufficient sample was not provided to the laboratory.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW8260C

Samples:

SC51444-02 *ESI3-102218*

Estimated values

1,1,1-Trichloroethane
1,1-Dichloroethane
Acetone
Methyl t-butyl ether (MTBE)

Laboratory solvent, contamination is possible.

Acetone

SC51444-03 *MPI7-IR-102218*

Estimated values

Tetrachloroethene

SC51444-04 *PZ-1D-102218*

Estimated values

1,1,1-Trichloroethane
Chloroform
trans-1,2-Dichloroethene

SC51444-05 *PZ-5A-102218*

Estimated values

cis-1,2-Dichloroethene
trans-1,2-Dichloroethene

SC51444-06 *MPI2SR-102318*

Estimated values

1,1,1-Trichloroethane
Chloroform

SC51444-08 *MPI13BR-102418*

Estimated values

Trichloroethene

SC51444-09 *MPI4-I-102418*

SW8260C

Samples:

SC51444-09 *MPI4-I-102418*

Estimated values

1,1-Dichloroethene
trans-1,2-Dichloroethene

SC51444-13 *PW7-102418*

Estimated values

Methyl t-butyl ether (MTBE)
trans-1,2-Dichloroethene

SC51444-14 *PW8-102418*

Estimated values

Methyl t-butyl ether (MTBE)

SC51444-16 *RW1-102418*

Estimated values

Trichloroethene

SC51444-17 *PW3-102418*

Estimated values

cis-1,2-Dichloroethene

SC51444-18 *PW5-102418*

Estimated values

trans-1,2-Dichloroethene

CB86819-LCSD

This parameter is outside laboratory lcs/lcsd specified recovery limits.

Acetone

CB86821-MSD

This parameter is outside laboratory ms/msd specified recovery limits.

2-Chlorotoluene

Sample Acceptance Check Form

Client:	Ecology and Environment, Inc.
Project:	Mr. C's Groundwaters / 10C3074.0011.011
Work Order:	SC51444
Sample(s) received on:	10/25/2018

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☑	☐	☐
Were custody seals intact?	☑	☐	☐
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples cooled on ice upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC51444-02 **Client ID:** ESI3-102218

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	1.1	J.	5.0	ug/L	SW8260C
1,1-Dichloroethane	0.71	J.	5.0	ug/L	SW8260C
Acetone	3.0	J., S	5.0	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	0.27	J.	1.0	ug/L	SW8260C
Tetrachloroethene	96		10	ug/L	SW8260C

Lab ID: SC51444-03 **Client ID:** MPI7-IR-102218

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	0.76	J.	1.0	ug/L	SW8260C

Lab ID: SC51444-04 **Client ID:** PZ-1D-102218

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	0.43	J.	5.0	ug/L	SW8260C
Chloroform	0.59	J.	5.0	ug/L	SW8260C
cis-1,2-Dichloroethene	1.5		1.0	ug/L	SW8260C
Tetrachloroethene	15		1.0	ug/L	SW8260C
trans-1,2-Dichloroethene	0.50	J.	5.0	ug/L	SW8260C
Trichloroethene	2.4		1.0	ug/L	SW8260C

Lab ID: SC51444-05 **Client ID:** PZ-5A-102218

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	7.4	J.	10	ug/L	SW8260C
Tetrachloroethene	2600		200	ug/L	SW8260C
trans-1,2-Dichloroethene	11	J.	50	ug/L	SW8260C
Trichloroethene	100		10	ug/L	SW8260C

Lab ID: SC51444-06 **Client ID:** MPI2SR-102318

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1,1-Trichloroethane	2.9	J.	5.0	ug/L	SW8260C
Chloroform	4.0	J.	5.0	ug/L	SW8260C
Tetrachloroethene	2.9		1.0	ug/L	SW8260C

Lab ID: SC51444-07 **Client ID:** MW7-102318

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	760		50	ug/L	SW8260C
Trichloroethene	2.5		1.0	ug/L	SW8260C

Lab ID: SC51444-08 **Client ID:** MPI13BR-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Tetrachloroethene	2.0		1.0	ug/L	SW8260C
Trichloroethene	0.38	J.	1.0	ug/L	SW8260C

Lab ID: SC51444-09 **Client ID:** MPI4-I-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethene	0.49	J.	1.0	ug/L	SW8260C
cis-1,2-Dichloroethene	440		50	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	310		50	ug/L	SW8260C
Tetrachloroethene	210		10	ug/L	SW8260C
trans-1,2-Dichloroethene	1.2	J.	5.0	ug/L	SW8260C
Trichloroethene	65		10	ug/L	SW8260C
Vinyl chloride	260		10	ug/L	SW8260C

Lab ID: SC51444-10 **Client ID:** MPI4-S-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	18		1.0	ug/L	SW8260C
Tetrachloroethene	7.4		1.0	ug/L	SW8260C
Trichloroethene	1.6		1.0	ug/L	SW8260C
Vinyl chloride	2.1		1.0	ug/L	SW8260C

Lab ID: SC51444-11 **Client ID:** PW4-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	92		20	ug/L	SW8260C
Tetrachloroethene	2800		200	ug/L	SW8260C
Trichloroethene	200		20	ug/L	SW8260C

Lab ID: SC51444-12 **Client ID:** PW6-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	40		10	ug/L	SW8260C
Tetrachloroethene	2500		200	ug/L	SW8260C
Trichloroethene	88		10	ug/L	SW8260C

Lab ID: SC51444-13 **Client ID:** PW7-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
1,1-Dichloroethene	11		10	ug/L	SW8260C
cis-1,2-Dichloroethene	5200		500	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	4.4	J.	10	ug/L	SW8260C
Tetrachloroethene	5600		200	ug/L	SW8260C
trans-1,2-Dichloroethene	36	J.	50	ug/L	SW8260C
Trichloroethene	740		200	ug/L	SW8260C
Vinyl chloride	690		200	ug/L	SW8260C

Lab ID: SC51444-14 **Client ID:** PW8-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	480		50	ug/L	SW8260C
Methyl t-butyl ether (MTBE)	7.2	J.	10	ug/L	SW8260C
Tetrachloroethene	170		10	ug/L	SW8260C
Trichloroethene	12		10	ug/L	SW8260C
Vinyl chloride	110		10	ug/L	SW8260C

Lab ID: SC51444-15 **Client ID:** PW2-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	1.4		1.0	ug/L	SW8260C
Tetrachloroethene	7.3		1.0	ug/L	SW8260C

Lab ID: SC51444-16 **Client ID:** RW1-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	4.1		1.0	ug/L	SW8260C
Tetrachloroethene	8.8		1.0	ug/L	SW8260C
Trichloroethene	0.55	J.	1.0	ug/L	SW8260C

Lab ID: SC51444-17 **Client ID:** PW3-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	0.55	J.	1.0	ug/L	SW8260C
Tetrachloroethene	6.1		1.0	ug/L	SW8260C

Lab ID: SC51444-18 **Client ID:** PW5-102418

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
cis-1,2-Dichloroethene	11		5.0	ug/L	SW8260C
Tetrachloroethene	1700		200	ug/L	SW8260C
trans-1,2-Dichloroethene	3.6	J.	25	ug/L	SW8260C
Trichloroethene	51		5.0	ug/L	SW8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 08:00	02-Nov-18 08:38	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB-102218	10C3074.0011.011	Ground Water	22-Oct-18 08:00	25-Oct-18
SC51444-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 08:00	02-Nov-18 08:38	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-buten e	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*101*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*98*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 09:45	02-Nov-18 09:23	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	**1.1**	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	**0.71**	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	**3.0**	J., S	ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 09:45	02-Nov-18 09:23	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**0.27**	J.	ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**96**		ug/L	10	2.5	10	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	

Surrogate recoveries:

2199-69-1	*% 1,2-dichlorobenzene-d4*	*97*		*70-130 %*				"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*		*70-130 %*				"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*		*70-130 %*				"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*98*		*70-130 %*				"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 11:44	02-Nov-18 19:16	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI7-IR-102218	10C3074.0011.011	Ground Water	22-Oct-18 11:44	25-Oct-18
SC51444-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 11:44	02-Nov-18 19:16	CT007	454937A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**0.76**	J.	ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-buten e	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*96*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ-1D-102218	10C3074.0011.011	Ground Water	22-Oct-18 12:49	25-Oct-18
SC51444-04				

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 12:49	02-Nov-18 10:08	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	**0.43**	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	**0.59**	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**1.5**		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	22-Oct-18 12:49	02-Nov-18 10:08	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**15**		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**0.50**	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	**2.4**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*104*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*99*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	SW8260C	22-Oct-18 14:02	02-Nov-18 22:38	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 10		ug/L	10	5.0	10	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 6.0		ug/L	6.0	5.0	10	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
591-78-6	2-Hexanone	< 25		ug/L	25	25	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 25		ug/L	25	25	10	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	25	10	"	"	"	"	"	
107-02-8	Acrolein	< 50		ug/L	50	25	10	"	"	"	"	"	
107-13-1	Acrylonitrile	< 50		ug/L	50	25	10	"	"	"	"	"	
71-43-2	Benzene	< 7.0		ug/L	7.0	2.5	10	"	"	"	"	"	
108-86-1	Bromobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-97-5	Bromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-25-2	Bromoform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-83-9	Bromomethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 10		ug/L	10	2.5	10	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-90-7	Chlorobenzene	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-00-3	Chloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
67-66-3	Chloroform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-87-3	Chloromethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	7.4	J.	ug/L	10	2.5	10	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PZ-5A-102218	10C3074.0011.011	Ground Water	22-Oct-18 14:02	25-Oct-18
SC51444-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 10		ug/L	10	2.5	10	SW8260C	22-Oct-18 14:02	02-Nov-18 22:38	CT007	454937A	
124-48-1	Dibromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-95-3	Dibromomethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-41-4	Ethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 5.0		ug/L	5.0	2.0	10	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 25		ug/L	25	25	10	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 50		ug/L	50	5.0	10	"	"	"	"	"	
75-09-2	Methylene chloride	< 30		ug/L	30	10	10	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
91-20-3	Naphthalene	< 10		ug/L	10	10	10	"	"	"	"	"	
95-47-6	o-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-42-5	Styrene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
127-18-4	Tetrachloroethene	**2,600**		ug/L	200	50	200	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 50		ug/L	50	25	10	"	"	"	"	"	
108-88-3	Toluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**11**	J.	ug/L	50	2.5	10	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-buten e	< 25		ug/L	25	25	10	"	"	"	"	"	
79-01-6	Trichloroethene	**100**		ug/L	10	2.5	10	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-01-4	Vinyl chloride	< 10		ug/L	10	2.5	10	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*98*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	23-Oct-18 08:28	02-Nov-18 19:38	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	2.9	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	4.0	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	23-Oct-18 08:28	02-Nov-18 19:38	CT007	454937A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**2.9**		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*101*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW7-102318	10C3074.0011.011	Ground Water	23-Oct-18 10:23	25-Oct-18
SC51444-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	23-Oct-18 10:23	02-Nov-18 11:16	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW7-102318	10C3074.0011.011	Ground Water	23-Oct-18 10:23	25-Oct-18
SC51444-07				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	23-Oct-18 10:23	02-Nov-18 11:16	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**760**		ug/L	50	13	50	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	**2.5**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*100*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*94*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 09:00	02-Nov-18 20:23	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI13BR-102418	10C3074.0011.011	Ground Water	24-Oct-18 09:00	25-Oct-18
SC51444-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 09:00	02-Nov-18 20:23	CT007	454937A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**2.0**		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	**0.38**	J.	ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*95*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 10:20	02-Nov-18 12:01	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	**0.49**	J.	ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**440**		ug/L	50	13	50	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 10:20	02-Nov-18 12:01	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**310**		ug/L	50	13	50	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**210**		ug/L	10	2.5	10	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**1.2**	J.	ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	**65**		ug/L	10	2.5	10	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**260**		ug/L	10	2.5	10	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*100*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*102*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 10:58	02-Nov-18 20:46	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	18		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MPI4-S-102418	10C3074.0011.011	Ground Water	24-Oct-18 10:58	25-Oct-18
SC51444-10				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 10:58	02-Nov-18 20:46	CT007	454937A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**7.4**		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	**1.6**		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	**2.1**		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*97*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*103*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*96*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	SW8260C	24-Oct-18 11:43	03-Nov-18 01:16	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 20		ug/L	20	10	20	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 12		ug/L	12	10	20	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
591-78-6	2-Hexanone	< 50		ug/L	50	50	20	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 50		ug/L	50	50	20	"	"	"	"	"	
67-64-1	Acetone	< 100		ug/L	100	50	20	"	"	"	"	"	
107-02-8	Acrolein	< 100		ug/L	100	50	20	"	"	"	"	"	
107-13-1	Acrylonitrile	< 100		ug/L	100	50	20	"	"	"	"	"	
71-43-2	Benzene	< 14		ug/L	14	5.0	20	"	"	"	"	"	
108-86-1	Bromobenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-97-5	Bromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-25-2	Bromoform	< 100		ug/L	100	5.0	20	"	"	"	"	"	
74-83-9	Bromomethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 20		ug/L	20	5.0	20	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-90-7	Chlorobenzene	< 100		ug/L	100	5.0	20	"	"	"	"	"	
75-00-3	Chloroethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
67-66-3	Chloroform	< 100		ug/L	100	5.0	20	"	"	"	"	"	
74-87-3	Chloromethane	< 100		ug/L	100	5.0	20	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	92		ug/L	20	5.0	20	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 20		ug/L	20	5.0	20	SW8260C	24-Oct-18 11:43	03-Nov-18 01:16	CT007	454937A	
124-48-1	Dibromochloromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
74-95-3	Dibromomethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-41-4	Ethylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 10		ug/L	10	4.0	20	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 50		ug/L	50	50	20	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 20		ug/L	20	5.0	20	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 100		ug/L	100	10	20	"	"	"	"	"	
75-09-2	Methylene chloride	< 60		ug/L	60	20	20	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
91-20-3	Naphthalene	< 20		ug/L	20	20	20	"	"	"	"	"	
95-47-6	o-Xylene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
100-42-5	Styrene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
127-18-4	Tetrachloroethene	**2,800**		ug/L	200	50	200	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 100		ug/L	100	50	20	"	"	"	"	"	
108-88-3	Toluene	< 20		ug/L	20	5.0	20	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 100		ug/L	100	5.0	20	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 8.0		ug/L	8.0	5.0	20	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 50		ug/L	50	50	20	"	"	"	"	"	
79-01-6	Trichloroethene	**200**		ug/L	20	5.0	20	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 20		ug/L	20	5.0	20	"	"	"	"	"	
75-01-4	Vinyl chloride	< 20		ug/L	20	5.0	20	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*97*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	SW8260C	24-Oct-18 12:05	03-Nov-18 02:24	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 10		ug/L	10	5.0	10	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 6.0		ug/L	6.0	5.0	10	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
591-78-6	2-Hexanone	< 25		ug/L	25	25	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 25		ug/L	25	25	10	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	25	10	"	"	"	"	"	
107-02-8	Acrolein	< 50		ug/L	50	25	10	"	"	"	"	"	
107-13-1	Acrylonitrile	< 50		ug/L	50	25	10	"	"	"	"	"	
71-43-2	Benzene	< 7.0		ug/L	7.0	2.5	10	"	"	"	"	"	
108-86-1	Bromobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-97-5	Bromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-25-2	Bromoform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-83-9	Bromomethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 10		ug/L	10	2.5	10	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-90-7	Chlorobenzene	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-00-3	Chloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
67-66-3	Chloroform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-87-3	Chloromethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	40		ug/L	10	2.5	10	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW6-102418	10C3074.0011.011	Ground Water	24-Oct-18 12:05	25-Oct-18
SC51444-12				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 10		ug/L	10	2.5	10	SW8260C	24-Oct-18 12:05	03-Nov-18 02:24	CT007	454937A	
124-48-1	Dibromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-95-3	Dibromomethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-41-4	Ethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 5.0		ug/L	5.0	2.0	10	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 25		ug/L	25	25	10	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 50		ug/L	50	5.0	10	"	"	"	"	"	
75-09-2	Methylene chloride	< 30		ug/L	30	10	10	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
91-20-3	Naphthalene	< 10		ug/L	10	10	10	"	"	"	"	"	
95-47-6	o-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-42-5	Styrene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
127-18-4	Tetrachloroethene	**2,500**		ug/L	200	50	200	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 50		ug/L	50	25	10	"	"	"	"	"	
108-88-3	Toluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 50		ug/L	50	2.5	10	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 25		ug/L	25	25	10	"	"	"	"	"	
79-01-6	Trichloroethene	**88**		ug/L	10	2.5	10	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-01-4	Vinyl chloride	< 10		ug/L	10	2.5	10	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*101*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*102*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	SW8260C	24-Oct-18 12:50	03-Nov-18 12:30	CT007	454962A	
71-55-6	1,1,1-Trichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	11		ug/L	10	2.5	10	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 10		ug/L	10	5.0	10	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 6.0		ug/L	6.0	5.0	10	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
591-78-6	2-Hexanone	< 25		ug/L	25	25	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 25		ug/L	25	25	10	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	25	10	"	"	"	"	"	
107-02-8	Acrolein	< 50		ug/L	50	25	10	"	"	"	"	"	
107-13-1	Acrylonitrile	< 50		ug/L	50	25	10	"	"	"	"	"	
71-43-2	Benzene	< 7.0		ug/L	7.0	2.5	10	"	"	"	"	"	
108-86-1	Bromobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-97-5	Bromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-25-2	Bromoform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-83-9	Bromomethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 10		ug/L	10	2.5	10	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-90-7	Chlorobenzene	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-00-3	Chloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
67-66-3	Chloroform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-87-3	Chloromethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	5,200		ug/L	500	130	500	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW7-102418	10C3074.0011.011	Ground Water	24-Oct-18 12:50	25-Oct-18
SC51444-13				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 10		ug/L	10	2.5	10	SW8260C	24-Oct-18 12:50	03-Nov-18 12:30	CT007	454962A	
124-48-1	Dibromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-95-3	Dibromomethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-41-4	Ethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 5.0		ug/L	5.0	2.0	10	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 25		ug/L	25	25	10	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**4.4**	J.	ug/L	10	2.5	10	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 50		ug/L	50	5.0	10	"	"	"	"	"	
75-09-2	Methylene chloride	< 30		ug/L	30	10	10	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
91-20-3	Naphthalene	< 10		ug/L	10	10	10	"	"	"	"	"	
95-47-6	o-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-42-5	Styrene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
127-18-4	Tetrachloroethene	**5,600**		ug/L	200	50	200	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 50		ug/L	50	25	10	"	"	"	"	"	
108-88-3	Toluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**36**	J.	ug/L	50	2.5	10	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 25		ug/L	25	25	10	"	"	"	"	"	
79-01-6	Trichloroethene	**740**		ug/L	200	50	200	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-01-4	Vinyl chloride	**690**		ug/L	200	50	200	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*99*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*100*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*100*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	SW8260C	24-Oct-18 12:47	03-Nov-18 13:38	CT007	454962A	
71-55-6	1,1,1-Trichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 10		ug/L	10	5.0	10	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 6.0		ug/L	6.0	5.0	10	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
591-78-6	2-Hexanone	< 25		ug/L	25	25	10	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 25		ug/L	25	25	10	"	"	"	"	"	
67-64-1	Acetone	< 50		ug/L	50	25	10	"	"	"	"	"	
107-02-8	Acrolein	< 50		ug/L	50	25	10	"	"	"	"	"	
107-13-1	Acrylonitrile	< 50		ug/L	50	25	10	"	"	"	"	"	
71-43-2	Benzene	< 7.0		ug/L	7.0	2.5	10	"	"	"	"	"	
108-86-1	Bromobenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-97-5	Bromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-25-2	Bromoform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-83-9	Bromomethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 10		ug/L	10	2.5	10	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 10		ug/L	10	2.5	10	"	"	"	"	"	
108-90-7	Chlorobenzene	< 50		ug/L	50	2.5	10	"	"	"	"	"	
75-00-3	Chloroethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
67-66-3	Chloroform	< 50		ug/L	50	2.5	10	"	"	"	"	"	
74-87-3	Chloromethane	< 50		ug/L	50	2.5	10	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**480**		ug/L	50	13	50	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW8-102418	10C3074.0011.011	Ground Water	24-Oct-18 12:47	25-Oct-18
SC51444-14				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 10		ug/L	10	2.5	10	SW8260C	24-Oct-18 12:47	03-Nov-18 13:38	CT007	454962A	
124-48-1	Dibromochloromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
74-95-3	Dibromomethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-41-4	Ethylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 5.0		ug/L	5.0	2.0	10	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 25		ug/L	25	25	10	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	**7.2**	J.	ug/L	10	2.5	10	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 50		ug/L	50	5.0	10	"	"	"	"	"	
75-09-2	Methylene chloride	< 30		ug/L	30	10	10	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
91-20-3	Naphthalene	< 10		ug/L	10	10	10	"	"	"	"	"	
95-47-6	o-Xylene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
100-42-5	Styrene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
127-18-4	Tetrachloroethene	**170**		ug/L	10	2.5	10	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 50		ug/L	50	25	10	"	"	"	"	"	
108-88-3	Toluene	< 10		ug/L	10	2.5	10	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 50		ug/L	50	2.5	10	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 4.0		ug/L	4.0	2.5	10	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 25		ug/L	25	25	10	"	"	"	"	"	
79-01-6	Trichloroethene	**12**		ug/L	10	2.5	10	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 10		ug/L	10	2.5	10	"	"	"	"	"	
75-01-4	Vinyl chloride	**110**		ug/L	10	2.5	10	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*104*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*99*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW2-102418	10C3074.0011.011	Ground Water	24-Oct-18 13:10	25-Oct-18
SC51444-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 13:10	02-Nov-18 20:01	CT007	454937A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	1.4		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW2-102418	10C3074.0011.011	Ground Water	24-Oct-18 13:10	25-Oct-18
SC51444-15				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 13:10	02-Nov-18 20:01	CT007	454937A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**7.3**		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-buten e	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*102*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*98*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*99*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 13:35	02-Nov-18 14:38	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	4.1		ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 13:35	02-Nov-18 14:38	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	**8.8**		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	**0.55**	J.	ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*101*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*99*			*70-130 %*			"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW3-102418	10C3074.0011.011	Ground Water	24-Oct-18 13:52	25-Oct-18
SC51444-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses Prepared by method SW8260C													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
630-20-6	1,1,1,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 13:52	02-Nov-18 15:01	CT007	454935A	
71-55-6	1,1,1-Trichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 1.0		ug/L	1.0	0.50	1	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 0.60		ug/L	0.60	0.50	1	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
591-78-6	2-Hexanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
67-64-1	Acetone	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-02-8	Acrolein	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
107-13-1	Acrylonitrile	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
71-43-2	Benzene	< 0.70		ug/L	0.70	0.25	1	"	"	"	"	"	
108-86-1	Bromobenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-97-5	Bromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-25-2	Bromoform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-83-9	Bromomethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-90-7	Chlorobenzene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
75-00-3	Chloroethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
67-66-3	Chloroform	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
74-87-3	Chloromethane	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	**0.55**	J.	ug/L	1.0	0.25	1	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW3-102418	10C3074.0011.011	Ground Water	24-Oct-18 13:52	25-Oct-18
SC51444-17				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 1.0		ug/L	1.0	0.25	1	SW8260C	24-Oct-18 13:52	02-Nov-18 15:01	CT007	454935A	
124-48-1	Dibromochloromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
74-95-3	Dibromomethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-41-4	Ethylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 0.50		ug/L	0.50	0.20	1	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 5.0		ug/L	5.0	0.50	1	"	"	"	"	"	
75-09-2	Methylene chloride	< 3.0		ug/L	3.0	1.0	1	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
91-20-3	Naphthalene	< 1.0		ug/L	1.0	1.0	1	"	"	"	"	"	
95-47-6	o-Xylene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
100-42-5	Styrene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
127-18-4	Tetrachloroethene	6.1		ug/L	1.0	0.25	1	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 5.0		ug/L	5.0	2.5	1	"	"	"	"	"	
108-88-3	Toluene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	< 5.0		ug/L	5.0	0.25	1	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 0.40		ug/L	0.40	0.25	1	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 2.5		ug/L	2.5	2.5	1	"	"	"	"	"	
79-01-6	Trichloroethene	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
75-01-4	Vinyl chloride	< 1.0		ug/L	1.0	0.25	1	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*99*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*97*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	

Subcontracted Analyses

Subcontracted Analyses
Prepared by method SW8260C

*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
630-20-6	1,1,1,2-Tetrachloroethane	< 5.0		ug/L	5.0	1.3	5	SW8260C	24-Oct-18 14:25	03-Nov-18 14:46	CT007	454962A	
71-55-6	1,1,1-Trichloroethane	< 25		ug/L	25	1.3	5	"	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
79-00-5	1,1,2-Trichloroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-34-3	1,1-Dichloroethane	< 25		ug/L	25	1.3	5	"	"	"	"	"	
75-35-4	1,1-Dichloroethene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
563-58-6	1,1-Dichloropropene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
87-61-6	1,2,3-Trichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
96-18-4	1,2,3-Trichloropropane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
95-63-6	1,2,4-Trimethylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
96-12-8	1,2-Dibromo-3-chloropropane	< 5.0		ug/L	5.0	2.5	5	"	"	"	"	"	
106-93-4	1,2-Dibromoethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
95-50-1	1,2-Dichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
107-06-2	1,2-Dichloroethane	< 3.0		ug/L	3.0	2.5	5	"	"	"	"	"	
78-87-5	1,2-Dichloropropane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
108-67-8	1,3,5-Trimethylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
541-73-1	1,3-Dichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
142-28-9	1,3-Dichloropropane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
106-46-7	1,4-Dichlorobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
594-20-7	2,2-Dichloropropane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
95-49-8	2-Chlorotoluene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
591-78-6	2-Hexanone	< 13		ug/L	13	13	5	"	"	"	"	"	
106-43-4	4-Chlorotoluene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
108-10-1	4-Methyl-2-pentanone	< 13		ug/L	13	13	5	"	"	"	"	"	
67-64-1	Acetone	< 25		ug/L	25	13	5	"	"	"	"	"	
107-02-8	Acrolein	< 25		ug/L	25	13	5	"	"	"	"	"	
107-13-1	Acrylonitrile	< 25		ug/L	25	13	5	"	"	"	"	"	
71-43-2	Benzene	< 3.5		ug/L	3.5	1.3	5	"	"	"	"	"	
108-86-1	Bromobenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
74-97-5	Bromochloromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-27-4	Bromodichloromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-25-2	Bromoform	< 25		ug/L	25	1.3	5	"	"	"	"	"	
74-83-9	Bromomethane	< 25		ug/L	25	1.3	5	"	"	"	"	"	
75-15-0	Carbon Disulfide	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
56-23-5	Carbon tetrachloride	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
108-90-7	Chlorobenzene	< 25		ug/L	25	1.3	5	"	"	"	"	"	
75-00-3	Chloroethane	< 25		ug/L	25	1.3	5	"	"	"	"	"	
67-66-3	Chloroform	< 25		ug/L	25	1.3	5	"	"	"	"	"	
74-87-3	Chloromethane	< 25		ug/L	25	1.3	5	"	"	"	"	"	
156-59-2	cis-1,2-Dichloroethene	11		ug/L	5.0	1.3	5	"	"	"	"	"	
10061-01-5	cis-1,3-Dichloropropene	< 2.0		ug/L	2.0	1.3	5	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
PW5-102418	10C3074.0011.011	Ground Water	24-Oct-18 14:25	25-Oct-18
SC51444-18				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Subcontracted Analyses													
Subcontracted Analyses													
*Analysis performed by Phoenix Environmental Labs, Inc. * - CT007*													
110-82-7	Cyclohexane	< 5.0		ug/L	5.0	1.3	5	SW8260C	24-Oct-18 14:25	03-Nov-18 14:46	CT007	454962A	
124-48-1	Dibromochloromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
74-95-3	Dibromomethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-71-8	Dichlorodifluoromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
100-41-4	Ethylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
87-68-3	Hexachlorobutadiene	< 2.5		ug/L	2.5	1.0	5	"	"	"	"	"	
98-82-8	Isopropylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
179601-23-1	m&p-Xylene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
78-93-3	Methyl ethyl ketone	< 13		ug/L	13	13	5	"	"	"	"	"	
1634-04-4	Methyl t-butyl ether (MTBE)	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
108-87-2	Methylcyclohexane	< 25		ug/L	25	2.5	5	"	"	"	"	"	
75-09-2	Methylene chloride	< 15		ug/L	15	5.0	5	"	"	"	"	"	
104-51-8	n-Butylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
103-65-1	n-Propylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
91-20-3	Naphthalene	< 5.0		ug/L	5.0	5.0	5	"	"	"	"	"	
95-47-6	o-Xylene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
99-87-6	p-Isopropyltoluene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
135-98-8	sec-Butylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
100-42-5	Styrene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
98-06-6	tert-Butylbenzene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
127-18-4	Tetrachloroethene	**1,700**		ug/L	200	50	200	"	"	"	"	"	
109-99-9	Tetrahydrofuran (THF)	< 25		ug/L	25	13	5	"	"	"	"	"	
108-88-3	Toluene	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	**3.6**	J.	ug/L	25	1.3	5	"	"	"	"	"	
10061-02-6	trans-1,3-Dichloropropene	< 2.0		ug/L	2.0	1.3	5	"	"	"	"	"	
110-57-6	trans-1,4-dichloro-2-butene	< 13		ug/L	13	13	5	"	"	"	"	"	
79-01-6	Trichloroethene	**51**		ug/L	5.0	1.3	5	"	"	"	"	"	
75-69-4	Trichlorofluoromethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
76-13-1	Trichlorotrifluoroethane	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
75-01-4	Vinyl chloride	< 5.0		ug/L	5.0	1.3	5	"	"	"	"	"	
Surrogate recoveries:													
2199-69-1	*% 1,2-dichlorobenzene-d4*	*103*			*70-130 %*			"	"	"	"	"	
460-00-4	*% Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"	"	
1868-53-7	*% Dibromofluoromethane*	*96*			*70-130 %*			"	"	"	"	"	
2037-26-5	*% Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
BLK (CB86821-BLK)						Prepared:	Analyzed: 02-Nov-18			
2-Isopropyltoluene	**ND**		ug/L	1.0			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Dibromomethane	**ND**		ug/L	1.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Hexachlorobutadiene	**ND**		ug/L	0.40			ND	-		
Chloroform	**ND**		ug/L	1.0			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
trans-1,4-dichloro-2-butene	**ND**		ug/L	5.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
n-Propylbenzene	**ND**		ug/L	1.0			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Toluene	**ND**		ug/L	1.0			ND	-		
Tetrahydrofuran (THF)	**ND**		ug/L	2.5			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		
tert-Butylbenzene	**ND**		ug/L	1.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
sec-Butylbenzene	**ND**		ug/L	1.0			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
Bromobenzene	**ND**		ug/L	1.0			ND	-		
n-Butylbenzene	**ND**		ug/L	1.0			ND	-		
Naphthalene	**ND**		ug/L	1.0			ND	-		
Methylene chloride	**ND**		ug/L	1.0			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
p-Isopropyltoluene	**ND**		ug/L	1.0			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichloropropane	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloropropene	**ND**		ug/L	1.0			ND	-		
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
BLK (CB86821-BLK)						Prepared: Analyzed: 02-Nov-18				
1,1,1,2-Tetrachloroethane	**ND**		ug/L	1.0			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
Benzene	**ND**		ug/L	0.70			ND	-		
Acrylonitrile	**ND**		ug/L	5.0			ND	-		
Acrolein	**ND**		ug/L	5.0			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
1,2,4-Trimethylbenzene	**ND**		ug/L	1.0			ND	-		
4-Chlorotoluene	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
2-Chlorotoluene	**ND**		ug/L	1.0			ND	-		
2,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,3-Dichloropropane	**ND**		ug/L	1.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,3,5-Trimethylbenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
Surrogate: % Toluene-d8	*101*		ug/L		*10*		*101*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*101*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Bromofluorobenzene	*99*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Dibromofluoromethane	*104*		ug/L		*10*		*104*	*70-130*		
LCS (CB86821-LCS)						Prepared: Analyzed: 02-Nov-18				
2-Isopropyltoluene	**9.514**		ug/L	1.0	10		95	70-130		30
Acrolein	**49.60**		ug/L	5.0	50		99	70-130		30
1,4-Dichlorobenzene	**9.823**		ug/L	1.0	10		98	70-130		30
2,2-Dichloropropane	**10.56**		ug/L	1.0	10		106	70-130		30
2-Chlorotoluene	**9.329**		ug/L	1.0	10		93	70-130		30
2-Hexanone	**9.989**		ug/L	5.0	10		100	70-130		30
4-Chlorotoluene	**9.611**		ug/L	1.0	10		96	70-130		30
Carbon tetrachloride	**10.21**		ug/L	1.0	10		102	70-130		30
Acetone	**8.724**		ug/L	5.0	10		87	70-130		30
1,3,5-Trimethylbenzene	**9.637**		ug/L	1.0	10		96	70-130		30
Acrylonitrile	**9.721**		ug/L	5.0	10		97	70-130		30
Benzene	**9.841**		ug/L	0.70	10		98	70-130		30
Bromobenzene	**9.732**		ug/L	1.0	10		97	70-130		30
Bromochloromethane	**10.03**		ug/L	1.0	10		100	70-130		30
Bromodichloromethane	**10.22**		ug/L	0.50	10		102	70-130		30
Vinyl chloride	**10.51**		ug/L	1.0	10		105	70-130		30
Bromomethane	**10.29**		ug/L	1.0	10		103	70-130		30
4-Methyl-2-pentanone	**10.36**		ug/L	5.0	10		104	70-130		30
1,2,4-Trichlorobenzene	**10.95**		ug/L	1.0	10		109	70-130		30
1,1,1,2-Tetrachloroethane	**9.838**		ug/L	1.0	10		98	70-130		30
1,1,1-Trichloroethane	**9.796**		ug/L	1.0	10		98	70-130		30
1,1,2,2-Tetrachloroethane	**10.88**		ug/L	0.50	10		109	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
LCS (CB86821-LCS)					Prepared: Analyzed: 02-Nov-18					
1,1,2-Trichloroethane	**10.66**		ug/L	1.0	10		107	70-130		30
1,1-Dichloroethane	**10.12**		ug/L	1.0	10		101	70-130		30
1,1-Dichloroethene	**10.35**		ug/L	1.0	10		104	70-130		30
1,1-Dichloropropene	**10.20**		ug/L	1.0	10		102	70-130		30
1,3-Dichloropropane	**9.806**		ug/L	1.0	10		98	70-130		30
1,2,3-Trichloropropane	**10.04**		ug/L	1.0	10		100	70-130		30
1,3-Dichlorobenzene	**9.840**		ug/L	1.0	10		98	70-130		30
1,2,4-Trimethylbenzene	**9.626**		ug/L	1.0	10		96	70-130		30
1,2-Dibromo-3-chloropropane	**11.57**		ug/L	1.0	10		116	70-130		30
1,2-Dibromoethane	**10.03**		ug/L	1.0	10		100	70-130		30
1,2-Dichlorobenzene	**10.08**		ug/L	1.0	10		101	70-130		30
1,2-Dichloroethane	**10.37**		ug/L	1.0	10		104	70-130		30
1,2-Dichloropropane	**9.912**		ug/L	1.0	10		99	70-130		30
Carbon Disulfide	**10.01**		ug/L	1.0	10		100	70-130		30
1,2,3-Trichlorobenzene	**11.43**		ug/L	1.0	10		114	70-130		30
Tetrahydrofuran (THF)	**25.30**		ug/L	2.5	25		101	70-130		30
Chlorobenzene	**9.641**		ug/L	1.0	10		96	70-130		30
n-Butylbenzene	**10.05**		ug/L	1.0	10		101	70-130		30
Bromoform	**10.23**		ug/L	1.0	10		102	70-130		30
o-Xylene	**9.863**		ug/L	1.0	10		99	70-130		30
p-Isopropyltoluene	**9.687**		ug/L	1.0	10		97	70-130		30
sec-Butylbenzene	**10.35**		ug/L	1.0	10		104	70-130		30
Styrene	**9.626**		ug/L	1.0	10		96	70-130		30
Methylene chloride	**9.635**		ug/L	1.0	10		96	70-130		30
Tetrachloroethene	**10.16**		ug/L	1.0	10		102	70-130		30
Naphthalene	**11.27**		ug/L	1.0	10		113	70-130		30
Toluene	**9.673**		ug/L	1.0	10		97	70-130		30
trans-1,2-Dichloroethene	**10.38**		ug/L	1.0	10		104	70-130		30
trans-1,3-Dichloropropene	**9.883**		ug/L	0.40	10		99	70-130		30
trans-1,4-dichloro-2-butene	**43.10**		ug/L	5.0	50		86	70-130		30
Trichloroethene	**9.798**		ug/L	1.0	10		98	70-130		30
Trichlorofluoromethane	**10.69**		ug/L	1.0	10		107	70-130		30
Trichlorotrifluoroethane	**9.968**		ug/L	1.0	10		100	70-130		30
tert-Butylbenzene	**9.903**		ug/L	1.0	10		99	70-130		30
Dibromochloromethane	**9.986**		ug/L	0.50	10		100	70-130		30
Chloroethane	**10.31**		ug/L	1.0	10		103	70-130		30
Chloroform	**9.595**		ug/L	1.0	10		96	70-130		30
Chloromethane	**9.486**		ug/L	1.0	10		95	70-130		30
cis-1,2-Dichloroethene	**9.938**		ug/L	1.0	10		99	70-130		30
n-Propylbenzene	**9.714**		ug/L	1.0	10		97	70-130		30
Cyclohexane	**8.836**		ug/L	5.0	10		88	70-130		30
Methylcyclohexane	**10.02**		ug/L	1.0	10		100	70-130		30
Dibromomethane	**9.823**		ug/L	1.0	10		98	70-130		30
Dichlorodifluoromethane	**10.83**		ug/L	1.0	10		108	70-130		30
Ethylbenzene	**9.733**		ug/L	1.0	10		97	70-130		30
Hexachlorobutadiene	**10.63**		ug/L	0.40	10		106	70-130		30
Isopropylbenzene	**9.972**		ug/L	1.0	10		100	70-130		30
m&p-Xylene	**19.22**		ug/L	1.0	20		96	70-130		30
Methyl ethyl ketone	**10.19**		ug/L	5.0	10		102	70-130		30
Methyl t-butyl ether (MTBE)	**10.20**		ug/L	1.0	10		102	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
LCS (CB86821-LCS)					Prepared: Analyzed: 02-Nov-18					
cis-1,3-Dichloropropene	**10.08**		ug/L	0.40	10		101	70-130		30
Surrogate: % Toluene-d8	*9.986*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.55*		ug/L		*10*		*106*	*70-130*		
Surrogate: % Bromofluorobenzene	*10.02*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.25*		ug/L		*10*		*103*	*70-130*		
LCSD (CB86821-LCSD)					Prepared: Analyzed: 02-Nov-18					
2-Isopropyltoluene	**9.293**		ug/L	1.0	10		93	70-130	2.1	30
Carbon Disulfide	**9.883**		ug/L	1.0	10		99	70-130	1.0	30
Acrolein	**46.09**		ug/L	5.0	50		92	70-130	7.3	30
1,3-Dichloropropane	**9.878**		ug/L	1.0	10		99	70-130	1.0	30
1,4-Dichlorobenzene	**9.873**		ug/L	1.0	10		99	70-130	1.0	30
2,2-Dichloropropane	**10.44**		ug/L	1.0	10		104	70-130	1.9	30
2-Chlorotoluene	**9.772**		ug/L	1.0	10		98	70-130	5.2	30
2-Hexanone	**9.800**		ug/L	5.0	10		98	70-130	2.0	30
4-Chlorotoluene	**9.704**		ug/L	1.0	10		97	70-130	1.0	30
Carbon tetrachloride	**10.19**		ug/L	1.0	10		102	70-130	0.0	30
Acetone	**9.803**		ug/L	5.0	10		98	70-130	11.9	30
1,2-Dichloropropane	**9.592**		ug/L	1.0	10		96	70-130	3.1	30
Acrylonitrile	**9.484**		ug/L	5.0	10		95	70-130	2.1	30
Benzene	**9.832**		ug/L	0.70	10		98	70-130	0.0	30
Bromobenzene	**9.908**		ug/L	1.0	10		99	70-130	2.0	30
Bromochloromethane	**9.757**		ug/L	1.0	10		98	70-130	2.0	30
Bromoform	**9.728**		ug/L	1.0	10		97	70-130	5.0	30
Chlorobenzene	**9.572**		ug/L	1.0	10		96	70-130	0.0	30
4-Methyl-2-pentanone	**10.02**		ug/L	5.0	10		100	70-130	3.9	30
1,2,3-Trichloropropane	**9.904**		ug/L	1.0	10		99	70-130	1.0	30
1,1,1,2-Tetrachloroethane	**9.639**		ug/L	1.0	10		96	70-130	2.1	30
1,1,1-Trichloroethane	**9.790**		ug/L	1.0	10		98	70-130	0.0	30
1,1,2,2-Tetrachloroethane	**10.71**		ug/L	0.50	10		107	70-130	1.9	30
1,1,2-Trichloroethane	**10.54**		ug/L	1.0	10		105	70-130	1.9	30
1,1-Dichloroethane	**9.983**		ug/L	1.0	10		100	70-130	1.0	30
1,1-Dichloroethene	**10.10**		ug/L	1.0	10		101	70-130	2.9	30
1,3-Dichlorobenzene	**9.783**		ug/L	1.0	10		98	70-130	0.0	30
1,2,3-Trichlorobenzene	**11.18**		ug/L	1.0	10		112	70-130	1.8	30
1,3,5-Trimethylbenzene	**9.685**		ug/L	1.0	10		97	70-130	1.0	30
1,2,4-Trichlorobenzene	**11.09**		ug/L	1.0	10		111	70-130	1.8	30
1,2,4-Trimethylbenzene	**9.616**		ug/L	1.0	10		96	70-130	0.0	30
1,2-Dibromo-3-chloropropane	**10.29**		ug/L	1.0	10		103	70-130	11.9	30
1,2-Dibromoethane	**9.648**		ug/L	1.0	10		96	70-130	4.1	30
1,2-Dichlorobenzene	**9.874**		ug/L	1.0	10		99	70-130	2.0	30
1,2-Dichloroethane	**9.920**		ug/L	1.0	10		99	70-130	4.9	30
Chloroethane	**9.854**		ug/L	1.0	10		99	70-130	4.0	30
1,1-Dichloropropene	**10.33**		ug/L	1.0	10		103	70-130	1.0	30
Toluene	**9.477**		ug/L	1.0	10		95	70-130	2.1	30
n-Propylbenzene	**9.638**		ug/L	1.0	10		96	70-130	1.0	30
o-Xylene	**9.569**		ug/L	1.0	10		96	70-130	3.1	30
p-Isopropyltoluene	**9.792**		ug/L	1.0	10		98	70-130	1.0	30
sec-Butylbenzene	**10.35**		ug/L	1.0	10		104	70-130	0.0	30
Styrene	**9.455**		ug/L	1.0	10		95	70-130	1.0	30
tert-Butylbenzene	**9.621**		ug/L	1.0	10		96	70-130	3.1	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
LCSD (CB86821-LCSD)					Prepared: Analyzed: 02-Nov-18					
Bromomethane	**11.22**		ug/L	1.0	10		112	70-130	8.4	30
Tetrahydrofuran (THF)	**25.00**		ug/L	2.5	25		100	70-130	1.0	30
Methylene chloride	**9.884**		ug/L	1.0	10		99	70-130	3.1	30
trans-1,2-Dichloroethene	**10.41**		ug/L	1.0	10		104	70-130	0.0	30
trans-1,3-Dichloropropene	**9.924**		ug/L	0.40	10		99	70-130	0.0	30
trans-1,4-dichloro-2-butene	**43.03**		ug/L	5.0	50		86	70-130	0.0	30
Trichloroethene	**9.799**		ug/L	1.0	10		98	70-130	0.0	30
Trichlorofluoromethane	**10.39**		ug/L	1.0	10		104	70-130	2.8	30
Trichlorotrifluoroethane	**9.322**		ug/L	1.0	10		93	70-130	7.3	30
Tetrachloroethene	**10.07**		ug/L	1.0	10		101	70-130	1.0	30
Ethylbenzene	**9.457**		ug/L	1.0	10		95	70-130	2.1	30
Chloroform	**9.517**		ug/L	1.0	10		95	70-130	1.0	30
Chloromethane	**8.984**		ug/L	1.0	10		90	70-130	5.4	30
cis-1,2-Dichloroethene	**10.08**		ug/L	1.0	10		101	70-130	2.0	30
cis-1,3-Dichloropropene	**10.11**		ug/L	0.40	10		101	70-130	0.0	30
Cyclohexane	**8.757**		ug/L	5.0	10		88	70-130	0.0	30
Dibromochloromethane	**9.865**		ug/L	0.50	10		99	70-130	1.0	30
n-Butylbenzene	**10.17**		ug/L	1.0	10		102	70-130	1.0	30
Dichlorodifluoromethane	**10.81**		ug/L	1.0	10		108	70-130	0.0	30
Naphthalene	**11.99**		ug/L	1.0	10		120	70-130	6.0	30
Hexachlorobutadiene	**10.84**		ug/L	0.40	10		108	70-130	1.9	30
Isopropylbenzene	**9.525**		ug/L	1.0	10		95	70-130	5.1	30
m&p-Xylene	**18.87**		ug/L	1.0	20		94	70-130	2.1	30
Methyl ethyl ketone	**10.61**		ug/L	5.0	10		106	70-130	3.8	30
Methyl t-butyl ether (MTBE)	**10.31**		ug/L	1.0	10		103	70-130	1.0	30
Methylcyclohexane	**9.690**		ug/L	1.0	10		97	70-130	3.0	30
Vinyl chloride	**10.36**		ug/L	1.0	10		104	70-130	1.0	30
Dibromomethane	**9.602**		ug/L	1.0	10		96	70-130	2.1	30
Bromodichloromethane	**9.838**		ug/L	0.50	10		98	70-130	4.0	30
Surrogate: % 1,2-dichlorobenzene-d4	*9.896*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.954*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.02*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Toluene-d8	*10.16*		ug/L		*10*		*102*	*70-130*		
MS (CB86821-MS)			**Source: SC51444-05**		Prepared: Analyzed: 02-Nov-18					
2-Isopropyltoluene	**9.932**		ug/L	1.0	10		99	70-130		30
Bromobenzene	**9.584**		ug/L	1.0	10	BRL	96	70-130		30
2-Chlorotoluene	**9.483**		ug/L	1.0	10	BRL	95	70-130		30
2-Hexanone	**8.640**		ug/L	5.0	10	BRL	86	70-130		30
4-Chlorotoluene	**9.639**		ug/L	1.0	10	BRL	96	70-130		30
4-Methyl-2-pentanone	**8.166**		ug/L	5.0	10	BRL	82	70-130		30
Acetone	**8.716**		ug/L	5.0	10	BRL	87	70-130		30
Acrolein	**43.92**		ug/L	5.0	50	BRL	88	70-130		30
2,2-Dichloropropane	**10.17**		ug/L	1.0	10	BRL	102	70-130		30
Benzene	**10.01**		ug/L	0.70	10	BRL	100	66-142		30
1,2-Dichloroethane	**9.751**		ug/L	1.0	10	BRL	98	70-130		30
Bromochloromethane	**9.455**		ug/L	1.0	10	BRL	95	70-130		30
Bromodichloromethane	**9.733**		ug/L	0.50	10	BRL	97	70-130		30
Bromoform	**8.921**		ug/L	1.0	10	BRL	89	70-130		30
Bromomethane	**9.652**		ug/L	1.0	10	BRL	97	70-130		30
Carbon Disulfide	**10.80**		ug/L	1.0	10	BRL	108	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
MS (CB86821-MS)			**Source: SC51444-05**		Prepared:	Analyzed: 02-Nov-18				
Acrylonitrile	**10.82**		ug/L	5.0	10	BRL	108	70-130		30
1,2,3-Trichloropropane	**9.936**		ug/L	1.0	10	BRL	99	70-130		30
1,1,1,2-Tetrachloroethane	**9.462**		ug/L	1.0	10	BRL	95	70-130		30
1,1,1-Trichloroethane	**10.25**		ug/L	1.0	10	BRL	102	70-130		30
1,1,2,2-Tetrachloroethane	**9.828**		ug/L	0.50	10	BRL	98	70-130		30
1,1,2-Trichloroethane	**9.819**		ug/L	1.0	10	BRL	98	70-130		30
1,1-Dichloroethane	**10.14**		ug/L	1.0	10	BRL	101	70-130		30
1,1-Dichloroethene	**10.67**		ug/L	1.0	10	BRL	107	59-172		30
1,3-Dichloropropane	**9.455**		ug/L	1.0	10	BRL	95	70-130		30
1,2,3-Trichlorobenzene	**8.537**		ug/L	1.0	10	BRL	85	70-130		30
1,4-Dichlorobenzene	**9.712**		ug/L	1.0	10	BRL	97	70-130		30
1,2,4-Trichlorobenzene	**9.496**		ug/L	1.0	10	BRL	95	70-130		30
1,2,4-Trimethylbenzene	**9.525**		ug/L	1.0	10	BRL	95	70-130		30
1,2-Dibromo-3-chloropropane	**9.912**		ug/L	1.0	10	BRL	99	70-130		30
1,2-Dibromoethane	**9.151**		ug/L	1.0	10	BRL	92	70-130		30
1,2-Dichlorobenzene	**9.793**		ug/L	1.0	10	BRL	98	70-130		30
1,3,5-Trimethylbenzene	**9.556**		ug/L	1.0	10	BRL	96	70-130		30
Carbon tetrachloride	**10.46**		ug/L	1.0	10	BRL	105	70-130		30
1,1-Dichloropropene	**10.73**		ug/L	1.0	10	BRL	107	70-130		30
Tetrahydrofuran (THF)	**25.93**		ug/L	2.5	25	BRL	104	70-130		30
n-Butylbenzene	**9.735**		ug/L	1.0	10	BRL	97	70-130		30
n-Propylbenzene	**9.874**		ug/L	1.0	10	BRL	99	70-130		30
o-Xylene	**9.436**		ug/L	1.0	10	BRL	94	70-130		30
p-Isopropyltoluene	**9.730**		ug/L	1.0	10	BRL	97	70-130		30
sec-Butylbenzene	**10.34**		ug/L	1.0	10	BRL	103	70-130		30
Styrene	**9.318**		ug/L	1.0	10	BRL	93	70-130		30
Chloroethane	**10.72**		ug/L	1.0	10	BRL	107	70-130		30
Tetrachloroethene	**250.5**		ug/L	1.0	10		NC	70-130		30
Methylcyclohexane	**10.17**		ug/L	1.0	10	BRL	102	70-130		30
Toluene	**9.488**		ug/L	1.0	10	BRL	95	59-139		30
trans-1,2-Dichloroethene	**11.57**		ug/L	1.0	10		104	70-130		30
trans-1,3-Dichloropropene	**8.701**		ug/L	0.40	10	BRL	87	70-130		30
trans-1,4-dichloro-2-butene	**45.49**		ug/L	5.0	50	BRL	91	70-130		30
Trichloroethene	**20.44**		ug/L	1.0	10		105	62-137		30
Trichlorofluoromethane	**10.97**		ug/L	1.0	10	BRL	110	70-130		30
Trichlorotrifluoroethane	**10.55**		ug/L	1.0	10	BRL	105	70-130		30
tert-Butylbenzene	**9.659**		ug/L	1.0	10	BRL	97	70-130		30
Dichlorodifluoromethane	**11.83**		ug/L	1.0	10	BRL	118	70-130		30
Vinyl chloride	**11.46**		ug/L	1.0	10	BRL	115	70-130		30
Chloroform	**9.954**		ug/L	1.0	10	BRL	100	70-130		30
1,2-Dichloropropane	**9.614**		ug/L	1.0	10	BRL	96	70-130		30
Chloromethane	**9.668**		ug/L	1.0	10	BRL	97	70-130		30
cis-1,2-Dichloroethene	**11.20**		ug/L	1.0	10		105	70-130		30
cis-1,3-Dichloropropene	**9.809**		ug/L	0.40	10	BRL	98	70-130		30
Cyclohexane	**9.554**		ug/L	5.0	10	BRL	96	70-130		30
Naphthalene	**8.421**		ug/L	1.0	10	BRL	84	70-130		30
Dibromomethane	**8.976**		ug/L	1.0	10	BRL	90	70-130		30
Methylene chloride	**9.664**		ug/L	1.0	10	BRL	97	70-130		30
Ethylbenzene	**9.697**		ug/L	1.0	10	BRL	97	70-130		30
Hexachlorobutadiene	**9.151**		ug/L	0.40	10	BRL	92	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
MS (CB86821-MS)			**Source: SC51444-05**			Prepared: Analyzed: 02-Nov-18				
Isopropylbenzene	**9.698**		ug/L	1.0	10	BRL	97	70-130		30
m&p-Xylene	**19.23**		ug/L	1.0	20	BRL	96	70-130		30
Methyl ethyl ketone	**10.13**		ug/L	5.0	10	BRL	101	70-130		30
Methyl t-butyl ether (MTBE)	**9.729**		ug/L	1.0	10	BRL	97	70-130		30
Chlorobenzene	**9.205**		ug/L	1.0	10	BRL	92	60-133		30
Dibromochloromethane	**9.528**		ug/L	0.50	10	BRL	95	70-130		30
1,3-Dichlorobenzene	**9.432**		ug/L	1.0	10	BRL	94	70-130		30
Surrogate: % Bromofluorobenzene	*10.13*		ug/L		*10*		*101*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.27*		ug/L		*10*		*103*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.75*		ug/L		*10*		*107*	*70-130*		
Surrogate: % Toluene-d8	*9.801*		ug/L		*10*		*98*	*70-130*		
MSD (CB86821-MSD)			**Source: SC51444-05**			Prepared: Analyzed: 02-Nov-18				
2-Isopropyltoluene	**10.58**		ug/L	1.0	10		106	70-130	6.8	30
cis-1,3-Dichloropropene	**10.12**		ug/L	0.40	10	BRL	101	70-130	3.0	30
Methylcyclohexane	**10.60**		ug/L	1.0	10	BRL	106	70-130	3.8	30
Methyl ethyl ketone	**10.40**		ug/L	5.0	10	BRL	104	70-130	2.9	30
m&p-Xylene	**19.90**		ug/L	1.0	20	BRL	100	70-130	4.1	30
Isopropylbenzene	**10.01**		ug/L	1.0	10	BRL	100	70-130	3.0	30
Hexachlorobutadiene	**10.08**		ug/L	0.40	10	BRL	101	70-130	9.3	30
Ethylbenzene	**10.27**		ug/L	1.0	10	BRL	103	70-130	6.0	30
Dichlorodifluoromethane	**11.93**		ug/L	1.0	10	BRL	119	70-130	0.8	30
Dibromomethane	**10.43**		ug/L	1.0	10	BRL	104	70-130	14.4	30
Cyclohexane	**10.18**		ug/L	5.0	10	BRL	102	70-130	6.1	30
n-Propylbenzene	**9.781**		ug/L	1.0	10	BRL	98	70-130	1.0	30
cis-1,2-Dichloroethene	**11.11**		ug/L	1.0	10		104	70-130	1.0	30
Chloromethane	**10.12**		ug/L	1.0	10	BRL	101	70-130	4.0	30
Chloroform	**10.02**		ug/L	1.0	10	BRL	100	70-130	0.0	30
Chloroethane	**10.42**		ug/L	1.0	10	BRL	104	70-130	2.8	30
Chlorobenzene	**10.11**		ug/L	1.0	10	BRL	101	60-133	9.3	30
Dibromochloromethane	**10.81**		ug/L	0.50	10	BRL	108	70-130	12.8	30
Tetrachloroethene	**244.6**		ug/L	1.0	10		NC	70-130	NC	30
Trichlorotrifluoroethane	**11.03**		ug/L	1.0	10	BRL	110	70-130	4.7	30
Trichlorofluoromethane	**11.27**		ug/L	1.0	10	BRL	113	70-130	2.7	30
Trichloroethene	**20.37**		ug/L	1.0	10		104	62-137	1.0	30
trans-1,4-dichloro-2-butene	**47.53**		ug/L	5.0	50	BRL	95	70-130	4.3	30
trans-1,3-Dichloropropene	**9.541**		ug/L	0.40	10	BRL	95	70-130	8.8	30
trans-1,2-Dichloroethene	**11.83**		ug/L	1.0	10		107	70-130	2.8	30
Naphthalene	**10.89**		ug/L	1.0	10	BRL	109	70-130	25.9	30
Tetrahydrofuran (THF)	**26.31**		ug/L	2.5	25	BRL	105	70-130	1.0	30
Carbon tetrachloride	**10.81**		ug/L	1.0	10	BRL	108	70-130	2.8	30
tert-Butylbenzene	**10.15**		ug/L	1.0	10	BRL	101	70-130	4.0	30
Styrene	**9.981**		ug/L	1.0	10	BRL	100	70-130	7.3	30
sec-Butylbenzene	**10.71**		ug/L	1.0	10	BRL	107	70-130	3.8	30
p-Isopropyltoluene	**10.15**		ug/L	1.0	10	BRL	101	70-130	4.0	30
o-Xylene	**10.10**		ug/L	1.0	10	BRL	101	70-130	7.2	30
Methyl t-butyl ether (MTBE)	**10.26**		ug/L	1.0	10	BRL	103	70-130	6.0	30
n-Butylbenzene	**10.34**		ug/L	1.0	10	BRL	103	70-130	6.0	30
Toluene	**10.24**		ug/L	1.0	10	BRL	102	59-139	7.1	30
1,2,3-Trichloropropane	**9.942**		ug/L	1.0	10	BRL	99	70-130	0.0	30
1,3,5-Trimethylbenzene	**9.971**		ug/L	1.0	10	BRL	100	70-130	4.1	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454935A - SW8260C										
MSD (CB86821-MSD)			**Source: SC51444-05**		Prepared:	Analyzed: 02-Nov-18				
Methylene chloride	**9.917**		ug/L	1.0	10	BRL	99	70-130	2.0	30
1,2-Dichloropropane	**10.07**		ug/L	1.0	10	BRL	101	70-130	5.1	30
1,2-Dichloroethane	**10.44**		ug/L	1.0	10	BRL	104	70-130	5.9	30
1,2-Dichlorobenzene	**10.18**		ug/L	1.0	10	BRL	102	70-130	4.0	30
1,2-Dibromoethane	**10.04**		ug/L	1.0	10	BRL	100	70-130	8.3	30
1,2-Dibromo-3-chloropropane	**10.54**		ug/L	1.0	10	BRL	105	70-130	5.9	30
Carbon Disulfide	**11.31**		ug/L	1.0	10	BRL	113	70-130	4.5	30
1,2,4-Trichlorobenzene	**10.78**		ug/L	1.0	10	BRL	108	70-130	12.8	30
1,3-Dichlorobenzene	**9.797**		ug/L	1.0	10	BRL	98	70-130	4.2	30
1,2,3-Trichlorobenzene	**10.78**		ug/L	1.0	10	BRL	108	70-130	23.8	30
1,1-Dichloropropene	**11.23**		ug/L	1.0	10	BRL	112	70-130	4.6	30
1,1-Dichloroethene	**11.32**		ug/L	1.0	10	BRL	113	59-172	5.5	30
1,1-Dichloroethane	**10.47**		ug/L	1.0	10	BRL	105	70-130	3.9	30
1,1,2-Trichloroethane	**10.48**		ug/L	1.0	10	BRL	105	70-130	6.9	30
1,1,2,2-Tetrachloroethane	**10.83**		ug/L	0.50	10	BRL	108	70-130	9.7	30
1,1,1-Trichloroethane	**10.52**		ug/L	1.0	10	BRL	105	70-130	2.9	30
1,2,4-Trimethylbenzene	**10.02**		ug/L	1.0	10	BRL	100	70-130	5.1	30
Acetone	**8.557**		ug/L	5.0	10	BRL	86	70-130	1.2	30
Bromomethane	**11.33**		ug/L	1.0	10	BRL	113	70-130	15.2	30
Bromoform	**10.21**		ug/L	1.0	10	BRL	102	70-130	13.6	30
Bromodichloromethane	**10.36**		ug/L	0.50	10	BRL	104	70-130	7.0	30
Bromochloromethane	**10.22**		ug/L	1.0	10	BRL	102	70-130	7.1	30
Bromobenzene	**10.10**		ug/L	1.0	10	BRL	101	70-130	5.1	30
Benzene	**10.32**		ug/L	0.70	10	BRL	103	66-142	3.0	30
Acrolein	**44.67**		ug/L	5.0	50	BRL	89	70-130	1.1	30
Vinyl chloride	**11.43**		ug/L	1.0	10	BRL	114	70-130	0.9	30
4-Methyl-2-pentanone	**8.945**		ug/L	5.0	10	BRL	89	70-130	8.2	30
4-Chlorotoluene	**9.893**		ug/L	1.0	10	BRL	99	70-130	3.1	30
2-Hexanone	**10.06**		ug/L	5.0	10	BRL	101	70-130	16.0	30
2-Chlorotoluene	**0.7500**	m	ug/L	1.0	10	BRL	<10	70-130	NC	30
2,2-Dichloropropane	**10.52**		ug/L	1.0	10	BRL	105	70-130	2.9	30
1,4-Dichlorobenzene	**9.981**		ug/L	1.0	10	BRL	100	70-130	3.0	30
1,3-Dichloropropane	**10.06**		ug/L	1.0	10	BRL	101	70-130	6.1	30
1,1,1,2-Tetrachloroethane	**10.15**		ug/L	1.0	10	BRL	101	70-130	6.1	30
Acrylonitrile	**10.31**		ug/L	5.0	10	BRL	103	70-130	4.7	30
Surrogate: % Bromofluorobenzene	*10.08*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.02*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.09*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Toluene-d8	*10.05*		ug/L		*10*		*101*	*70-130*		
Batch 454937A - SW8260C										
BLK (CB86819-BLK)					Prepared:	Analyzed: 02-Nov-18				
2-Isopropyltoluene	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
Hexachlorobutadiene	**ND**		ug/L	0.40			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Dibromomethane	**ND**		ug/L	1.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454937A - SW8260C										
BLK (CB86819-BLK)						Prepared:	Analyzed: 02-Nov-18			
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
Chloroform	**ND**		ug/L	1.0			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
p-Isopropyltoluene	**ND**		ug/L	1.0			ND	-		
trans-1,4-dichloro-2-butene	**ND**		ug/L	5.0			ND	-		
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Toluene	**ND**		ug/L	1.0			ND	-		
Tetrahydrofuran (THF)	**ND**		ug/L	2.5			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		
tert-Butylbenzene	**ND**		ug/L	1.0			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		
sec-Butylbenzene	**ND**		ug/L	1.0			ND	-		
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
n-Propylbenzene	**ND**		ug/L	1.0			ND	-		
n-Butylbenzene	**ND**		ug/L	1.0			ND	-		
Naphthalene	**ND**		ug/L	1.0			ND	-		
Methylene chloride	**ND**		ug/L	1.0			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
1,2,4-Trimethylbenzene	**ND**		ug/L	1.0			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichloropropane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloropropene	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,1,1,2-Tetrachloroethane	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
Acrylonitrile	**ND**		ug/L	5.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454937A - SW8260C										
BLK (CB86819-BLK)						Prepared: Analyzed: 02-Nov-18				
Benzene	**ND**		ug/L	0.70			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
Acrolein	**ND**		ug/L	5.0			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
4-Chlorotoluene	**ND**		ug/L	1.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
2-Chlorotoluene	**ND**		ug/L	1.0			ND	-		
2,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,3-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Bromobenzene	**ND**		ug/L	1.0			ND	-		
1,3,5-Trimethylbenzene	**ND**		ug/L	1.0			ND	-		
Surrogate: % Toluene-d8	*100*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Bromofluorobenzene	*96*		ug/L		*10*		*96*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*101*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Dibromofluoromethane	*100*		ug/L		*10*		*100*	*70-130*		
LCS (CB86819-LCS)						Prepared: Analyzed: 02-Nov-18				
2-Isopropyltoluene	**8.939**		ug/L	1.0	10		89	70-130		30
1,3-Dichloropropane	**8.965**		ug/L	1.0	10		90	70-130		30
4-Methyl-2-pentanone	**9.359**		ug/L	5.0	10		94	70-130		30
4-Chlorotoluene	**8.733**		ug/L	1.0	10		87	70-130		30
2-Hexanone	**9.806**		ug/L	5.0	10		98	70-130		30
2-Chlorotoluene	**8.496**		ug/L	1.0	10		85	70-130		30
1,4-Dichlorobenzene	**9.096**		ug/L	1.0	10		91	70-130		30
2,2-Dichloropropane	**8.935**		ug/L	1.0	10		89	70-130		30
Acetone	**7.907**		ug/L	5.0	10		79	70-130		30
Acrolein	**41.98**		ug/L	5.0	50		84	70-130		30
Acrylonitrile	**10.22**		ug/L	5.0	10		102	70-130		30
Benzene	**8.603**		ug/L	0.70	10		86	70-130		30
Bromobenzene	**8.912**		ug/L	1.0	10		89	70-130		30
Bromochloromethane	**8.873**		ug/L	1.0	10		89	70-130		30
1,3-Dichlorobenzene	**8.819**		ug/L	1.0	10		88	70-130		30
Bromomethane	**10.86**		ug/L	1.0	10		109	70-130		30
1,1-Dichloroethene	**8.498**		ug/L	1.0	10		85	70-130		30
Bromodichloromethane	**8.861**		ug/L	0.50	10		89	70-130		30
1,2,3-Trichloropropane	**9.173**		ug/L	1.0	10		92	70-130		30
Carbon Disulfide	**8.614**		ug/L	1.0	10		86	70-130		30
Carbon tetrachloride	**8.599**		ug/L	1.0	10		86	70-130		30
1,1,1,2-Tetrachloroethane	**9.011**		ug/L	1.0	10		90	70-130		30
1,1,1-Trichloroethane	**8.399**		ug/L	1.0	10		84	70-130		30
1,1,2,2-Tetrachloroethane	**9.882**		ug/L	0.50	10		99	70-130		30
1,1,2-Trichloroethane	**9.351**		ug/L	1.0	10		94	70-130		30
1,2,3-Trichlorobenzene	**10.70**		ug/L	1.0	10		107	70-130		30
1,1-Dichloropropene	**8.716**		ug/L	1.0	10		87	70-130		30
1,3,5-Trimethylbenzene	**8.622**		ug/L	1.0	10		86	70-130		30
1,2,4-Trichlorobenzene	**10.35**		ug/L	1.0	10		103	70-130		30
1,2,4-Trimethylbenzene	**8.610**		ug/L	1.0	10		86	70-130		30
1,2-Dibromo-3-chloropropane	**9.447**		ug/L	1.0	10		94	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454937A - SW8260C										
LCS (CB86819-LCS)					Prepared: Analyzed: 02-Nov-18					
1,2-Dibromoethane	**9.012**		ug/L	1.0	10		90	70-130		30
1,2-Dichlorobenzene	**9.102**		ug/L	1.0	10		91	70-130		30
1,2-Dichloroethane	**9.141**		ug/L	1.0	10		91	70-130		30
1,2-Dichloropropane	**8.772**		ug/L	1.0	10		88	70-130		30
1,1-Dichloroethane	**8.751**		ug/L	1.0	10		88	70-130		30
Tetrahydrofuran (THF)	**23.34**		ug/L	2.5	25		93	70-130		30
Chlorobenzene	**8.668**		ug/L	1.0	10		87	70-130		30
n-Butylbenzene	**8.703**		ug/L	1.0	10		87	70-130		30
n-Propylbenzene	**8.475**		ug/L	1.0	10		85	70-130		30
o-Xylene	**8.627**		ug/L	1.0	10		86	70-130		30
p-Isopropyltoluene	**8.612**		ug/L	1.0	10		86	70-130		30
sec-Butylbenzene	**8.997**		ug/L	1.0	10		90	70-130		30
Styrene	**8.643**		ug/L	1.0	10		86	70-130		30
Methylene chloride	**8.622**		ug/L	1.0	10		86	70-130		30
Tetrachloroethene	**8.997**		ug/L	1.0	10		90	70-130		30
Methylcyclohexane	**8.191**		ug/L	1.0	10		82	70-130		30
Toluene	**8.228**		ug/L	1.0	10		82	70-130		30
trans-1,2-Dichloroethene	**8.897**		ug/L	1.0	10		89	70-130		30
trans-1,3-Dichloropropene	**8.856**		ug/L	0.40	10		89	70-130		30
trans-1,4-dichloro-2-butene	**44.72**		ug/L	5.0	50		89	70-130		30
Trichloroethene	**8.404**		ug/L	1.0	10		84	70-130		30
Trichlorofluoromethane	**8.259**		ug/L	1.0	10		83	70-130		30
Trichlorotrifluoroethane	**8.390**		ug/L	1.0	10		84	70-130		30
tert-Butylbenzene	**8.570**		ug/L	1.0	10		86	70-130		30
Dibromochloromethane	**9.162**		ug/L	0.50	10		92	70-130		30
Vinyl chloride	**8.904**		ug/L	1.0	10		89	70-130		30
Chloroethane	**8.578**		ug/L	1.0	10		86	70-130		30
Bromoform	**9.137**		ug/L	1.0	10		91	70-130		30
Chloroform	**8.343**		ug/L	1.0	10		83	70-130		30
Chloromethane	**8.318**		ug/L	1.0	10		83	70-130		30
cis-1,2-Dichloroethene	**9.185**		ug/L	1.0	10		92	70-130		30
Naphthalene	**11.25**		ug/L	1.0	10		112	70-130		30
Cyclohexane	**7.402**		ug/L	5.0	10		74	70-130		30
Dibromomethane	**8.767**		ug/L	1.0	10		88	70-130		30
Dichlorodifluoromethane	**8.421**		ug/L	1.0	10		84	70-130		30
Ethylbenzene	**8.437**		ug/L	1.0	10		84	70-130		30
Hexachlorobutadiene	**8.907**		ug/L	0.40	10		89	70-130		30
Isopropylbenzene	**8.418**		ug/L	1.0	10		84	70-130		30
m&p-Xylene	**16.92**		ug/L	1.0	20		85	70-130		30
Methyl ethyl ketone	**9.564**		ug/L	5.0	10		96	70-130		30
Methyl t-butyl ether (MTBE)	**8.971**		ug/L	1.0	10		90	70-130		30
cis-1,3-Dichloropropene	**9.011**		ug/L	0.40	10		90	70-130		30
Surrogate: % Bromofluorobenzene	*10.22*		ug/L		*10*		*102*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.15*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Toluene-d8	*9.852*		ug/L		*10*		*99*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.22*		ug/L		*10*		*102*	*70-130*		
LCSD (CB86819-LCSD)					Prepared: Analyzed: 02-Nov-18					
2-Isopropyltoluene	**8.790**		ug/L	1.0	10		88	70-130	1.1	30
Dibromochloromethane	**9.232**		ug/L	0.50	10		92	70-130	0.0	30
Vinyl chloride	**8.534**		ug/L	1.0	10		85	70-130	4.6	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454937A - SW8260C										
LCSD (CB86819-LCSD)					Prepared: Analyzed: 02-Nov-18					
Methyl ethyl ketone	**10.19**		ug/L	5.0	10		102	70-130	6.1	30
m&p-Xylene	**16.31**		ug/L	1.0	20		82	70-130	3.6	30
Isopropylbenzene	**8.266**		ug/L	1.0	10		83	70-130	1.2	30
Hexachlorobutadiene	**8.512**		ug/L	0.40	10		85	70-130	4.6	30
Ethylbenzene	**8.228**		ug/L	1.0	10		82	70-130	2.4	30
Methyl t-butyl ether (MTBE)	**9.452**		ug/L	1.0	10		95	70-130	5.4	30
Dibromomethane	**9.315**		ug/L	1.0	10		93	70-130	5.5	30
Methylene chloride	**8.506**		ug/L	1.0	10		85	70-130	1.2	30
Cyclohexane	**7.530**		ug/L	5.0	10		75	70-130	1.3	30
cis-1,3-Dichloropropene	**9.082**		ug/L	0.40	10		91	70-130	1.1	30
cis-1,2-Dichloroethene	**8.778**		ug/L	1.0	10		88	70-130	4.4	30
Chloromethane	**8.150**		ug/L	1.0	10		82	70-130	1.2	30
Chloroform	**8.451**		ug/L	1.0	10		85	70-130	2.4	30
Chloroethane	**8.661**		ug/L	1.0	10		87	70-130	1.2	30
Chlorobenzene	**8.569**		ug/L	1.0	10		86	70-130	1.2	30
Dichlorodifluoromethane	**8.704**		ug/L	1.0	10		87	70-130	3.5	30
tert-Butylbenzene	**8.307**		ug/L	1.0	10		83	70-130	3.6	30
Carbon tetrachloride	**8.308**		ug/L	1.0	10		83	70-130	3.6	30
Trichlorofluoromethane	**8.250**		ug/L	1.0	10		83	70-130	0.0	30
Trichloroethene	**8.429**		ug/L	1.0	10		84	70-130	0.0	30
trans-1,4-dichloro-2-butene	**45.62**		ug/L	5.0	50		91	70-130	2.2	30
trans-1,3-Dichloropropene	**9.084**		ug/L	0.40	10		91	70-130	2.2	30
trans-1,2-Dichloroethene	**8.759**		ug/L	1.0	10		88	70-130	1.1	30
Toluene	**8.453**		ug/L	1.0	10		85	70-130	3.6	30
1,2-Dichloropropane	**8.906**		ug/L	1.0	10		89	70-130	1.1	30
Tetrachloroethene	**8.650**		ug/L	1.0	10		86	70-130	4.5	30
Trichlorotrifluoroethane	**8.467**		ug/L	1.0	10		85	70-130	1.2	30
Styrene	**8.407**		ug/L	1.0	10		84	70-130	2.4	30
sec-Butylbenzene	**8.701**		ug/L	1.0	10		87	70-130	3.4	30
p-Isopropyltoluene	**8.305**		ug/L	1.0	10		83	70-130	3.6	30
o-Xylene	**8.356**		ug/L	1.0	10		84	70-130	2.4	30
n-Propylbenzene	**8.358**		ug/L	1.0	10		84	70-130	1.2	30
n-Butylbenzene	**8.522**		ug/L	1.0	10		85	70-130	2.3	30
Naphthalene	**10.89**		ug/L	1.0	10		109	70-130	2.7	30
Methylcyclohexane	**8.212**		ug/L	1.0	10		82	70-130	0.0	30
Tetrahydrofuran (THF)	**22.20**		ug/L	2.5	25		89	70-130	4.4	30
1,1-Dichloroethene	**8.392**		ug/L	1.0	10		84	70-130	1.2	30
1,2-Dichloroethane	**9.439**		ug/L	1.0	10		94	70-130	3.2	30
1,2-Dichlorobenzene	**9.039**		ug/L	1.0	10		90	70-130	1.1	30
1,2-Dibromoethane	**9.064**		ug/L	1.0	10		91	70-130	1.1	30
1,2-Dibromo-3-chloropropane	**8.546**		ug/L	1.0	10		85	70-130	10.1	30
1,2,4-Trimethylbenzene	**8.641**		ug/L	1.0	10		86	70-130	0.0	30
1,2,4-Trichlorobenzene	**10.06**		ug/L	1.0	10		101	70-130	2.0	30
1,3,5-Trimethylbenzene	**8.353**		ug/L	1.0	10		84	70-130	2.4	30
1,2,3-Trichlorobenzene	**10.45**		ug/L	1.0	10		105	70-130	1.9	30
1,1-Dichloropropene	**8.993**		ug/L	1.0	10		90	70-130	3.4	30
1,1,2-Trichloroethane	**9.477**		ug/L	1.0	10		95	70-130	1.1	30
1,1,2,2-Tetrachloroethane	**9.699**		ug/L	0.50	10		97	70-130	2.0	30
1,1,1-Trichloroethane	**8.354**		ug/L	1.0	10		84	70-130	0.0	30
1,1,1,2-Tetrachloroethane	**8.664**		ug/L	1.0	10		87	70-130	3.4	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454937A - SW8260C										
LCSD (CB86819-LCSD)					Prepared: Analyzed: 02-Nov-18					
1,3-Dichlorobenzene	**8.525**		ug/L	1.0	10		85	70-130	3.5	30
Carbon Disulfide	**8.704**		ug/L	1.0	10		87	70-130	1.2	30
1,2,3-Trichloropropane	**9.275**		ug/L	1.0	10		93	70-130	1.1	30
Bromobenzene	**8.679**		ug/L	1.0	10		87	70-130	2.3	30
Bromoform	**9.116**		ug/L	1.0	10		91	70-130	0.0	30
1,1-Dichloroethane	**8.651**		ug/L	1.0	10		87	70-130	1.1	30
Bromomethane	**10.30**		ug/L	1.0	10		103	70-130	5.7	30
1,3-Dichloropropane	**8.782**		ug/L	1.0	10		88	70-130	2.2	30
Bromochloromethane	**8.919**		ug/L	1.0	10		89	70-130	0.0	30
Benzene	**8.558**		ug/L	0.70	10		86	70-130	0.0	30
Acrylonitrile	**8.595**		ug/L	5.0	10		86	70-130	17.0	30
2-Hexanone	**9.736**		ug/L	5.0	10		97	70-130	1.0	30
1,4-Dichlorobenzene	**8.603**		ug/L	1.0	10		86	70-130	5.6	30
2,2-Dichloropropane	**8.709**		ug/L	1.0	10		87	70-130	2.3	30
Bromodichloromethane	**8.968**		ug/L	0.50	10		90	70-130	1.1	30
2-Chlorotoluene	**8.425**		ug/L	1.0	10		84	70-130	1.2	30
Acrolein	**44.27**		ug/L	5.0	50		89	70-130	5.8	30
4-Chlorotoluene	**8.538**		ug/L	1.0	10		85	70-130	2.3	30
4-Methyl-2-pentanone	**9.822**		ug/L	5.0	10		98	70-130	4.2	30
Acetone	**6.593**	I	ug/L	5.0	10		66	70-130	17.9	30
Surrogate: % Toluene-d8	*9.989*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Bromofluorobenzene	*10.03*		ug/L		*10*		*100*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.31*		ug/L		*10*		*103*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.08*		ug/L		*10*		*101*	*70-130*		
Batch 454962A - SW8260C										
BLK (CB86829-BLK)					Prepared: Analyzed: 03-Nov-18					
2-Isopropyltoluene	**ND**		ug/L	1.0			ND	-		
4-Methyl-2-pentanone	**ND**		ug/L	5.0			ND	-		
1,4-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
2,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
2-Chlorotoluene	**ND**		ug/L	1.0			ND	-		
2-Hexanone	**ND**		ug/L	5.0			ND	-		
4-Chlorotoluene	**ND**		ug/L	1.0			ND	-		
Acetone	**ND**		ug/L	5.0			ND	-		
Acrolein	**ND**		ug/L	5.0			ND	-		
Acrylonitrile	**ND**		ug/L	5.0			ND	-		
Benzene	**ND**		ug/L	0.70			ND	-		
Bromobenzene	**ND**		ug/L	1.0			ND	-		
Bromochloromethane	**ND**		ug/L	1.0			ND	-		
Bromodichloromethane	**ND**		ug/L	0.50			ND	-		
Bromomethane	**ND**		ug/L	1.0			ND	-		
1,3-Dichloropropane	**ND**		ug/L	1.0			ND	-		
Bromoform	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichloropropane	**ND**		ug/L	1.0			ND	-		
Methylcyclohexane	**ND**		ug/L	1.0			ND	-		
1,1,1,2-Tetrachloroethane	**ND**		ug/L	1.0			ND	-		
Carbon Disulfide	**ND**		ug/L	1.0			ND	-		
1,1,2,2-Tetrachloroethane	**ND**		ug/L	0.50			ND	-		
1,1,2-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,1-Dichloroethane	**ND**		ug/L	1.0			ND	-		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454962A - SW8260C										
BLK (CB86829-BLK)					Prepared: Analyzed: 03-Nov-18					
1,1-Dichloroethene	**ND**		ug/L	1.0			ND	-		
1,1,1-Trichloroethane	**ND**		ug/L	1.0			ND	-		
1,2,3-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,3-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,4-Trichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2,4-Trimethylbenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dibromo-3-chloropropane	**ND**		ug/L	1.0			ND	-		
1,2-Dibromoethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichlorobenzene	**ND**		ug/L	1.0			ND	-		
1,2-Dichloroethane	**ND**		ug/L	1.0			ND	-		
1,2-Dichloropropane	**ND**		ug/L	1.0			ND	-		
1,3,5-Trimethylbenzene	**ND**		ug/L	1.0			ND	-		
1,1-Dichloropropene	**ND**		ug/L	1.0			ND	-		
Toluene	**ND**		ug/L	1.0			ND	-		
n-Propylbenzene	**ND**		ug/L	1.0			ND	-		
Carbon tetrachloride	**ND**		ug/L	1.0			ND	-		
p-Isopropyltoluene	**ND**		ug/L	1.0			ND	-		
Methyl ethyl ketone	**ND**		ug/L	5.0			ND	-		
Styrene	**ND**		ug/L	1.0			ND	-		
tert-Butylbenzene	**ND**		ug/L	1.0			ND	-		
n-Butylbenzene	**ND**		ug/L	1.0			ND	-		
Tetrahydrofuran (THF)	**ND**		ug/L	2.5			ND	-		
o-Xylene	**ND**		ug/L	1.0			ND	-		
trans-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
trans-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
trans-1,4-dichloro-2-butene	**ND**		ug/L	5.0			ND	-		
Trichloroethene	**ND**		ug/L	1.0			ND	-		
Trichlorofluoromethane	**ND**		ug/L	1.0			ND	-		
Trichlorotrifluoroethane	**ND**		ug/L	1.0			ND	-		
Vinyl chloride	**ND**		ug/L	1.0			ND	-		
Tetrachloroethene	**ND**		ug/L	1.0			ND	-		
cis-1,3-Dichloropropene	**ND**		ug/L	0.40			ND	-		
Chlorobenzene	**ND**		ug/L	1.0			ND	-		
Chloroethane	**ND**		ug/L	1.0			ND	-		
Chloroform	**ND**		ug/L	1.0			ND	-		
sec-Butylbenzene	**ND**		ug/L	1.0			ND	-		
cis-1,2-Dichloroethene	**ND**		ug/L	1.0			ND	-		
Naphthalene	**ND**		ug/L	1.0			ND	-		
Cyclohexane	**ND**		ug/L	5.0			ND	-		
Dibromochloromethane	**ND**		ug/L	0.50			ND	-		
Dibromomethane	**ND**		ug/L	1.0			ND	-		
Dichlorodifluoromethane	**ND**		ug/L	1.0			ND	-		
Ethylbenzene	**ND**		ug/L	1.0			ND	-		
Hexachlorobutadiene	**ND**		ug/L	0.40			ND	-		
Isopropylbenzene	**ND**		ug/L	1.0			ND	-		
m&p-Xylene	**ND**		ug/L	1.0			ND	-		
Methyl t-butyl ether (MTBE)	**ND**		ug/L	1.0			ND	-		
Methylene chloride	**ND**		ug/L	1.0			ND	-		
Chloromethane	**ND**		ug/L	1.0			ND	-		
Surrogate: % Toluene-d8	*98*		ug/L		*10*		*98*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454962A - SW8260C										
BLK (CB86829-BLK)					Prepared: Analyzed: 03-Nov-18					
Surrogate: % Dibromofluoromethane	*102*		ug/L		*10*		*102*	*70-130*		
Surrogate: % Bromofluorobenzene	*101*		ug/L		*10*		*101*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*103*		ug/L		*10*		*103*	*70-130*		
LCS (CB86829-LCS)					Prepared: Analyzed: 03-Nov-18					
2-Isopropyltoluene	**9.373**		ug/L	1.0	10		94	70-130		30
Carbon Disulfide	**8.961**		ug/L	1.0	10		90	70-130		30
Cyclohexane	**7.694**		ug/L	5.0	10		77	70-130		30
Bromomethane	**10.68**		ug/L	1.0	10		107	70-130		30
m&p-Xylene	**18.17**		ug/L	1.0	20		91	70-130		30
Isopropylbenzene	**8.888**		ug/L	1.0	10		89	70-130		30
Hexachlorobutadiene	**9.319**		ug/L	0.40	10		93	70-130		30
Ethylbenzene	**8.941**		ug/L	1.0	10		89	70-130		30
Dichlorodifluoromethane	**7.837**		ug/L	1.0	10		78	70-130		30
Methyl t-butyl ether (MTBE)	**9.948**		ug/L	1.0	10		99	70-130		30
Dibromochloromethane	**9.413**		ug/L	0.50	10		94	70-130		30
Methylcyclohexane	**8.304**		ug/L	1.0	10		83	70-130		30
cis-1,3-Dichloropropene	**9.539**		ug/L	0.40	10		95	70-130		30
cis-1,2-Dichloroethene	**9.265**		ug/L	1.0	10		93	70-130		30
Chloromethane	**8.480**		ug/L	1.0	10		85	70-130		30
Chloroform	**9.224**		ug/L	1.0	10		92	70-130		30
Chloroethane	**9.098**		ug/L	1.0	10		91	70-130		30
Chlorobenzene	**9.173**		ug/L	1.0	10		92	70-130		30
Trichlorofluoromethane	**8.532**		ug/L	1.0	10		85	70-130		30
Dibromomethane	**9.694**		ug/L	1.0	10		97	70-130		30
Styrene	**9.109**		ug/L	1.0	10		91	70-130		30
Trichloroethene	**9.094**		ug/L	1.0	10		91	70-130		30
trans-1,4-dichloro-2-butene	**50.02**		ug/L	5.0	50		100	70-130		30
trans-1,3-Dichloropropene	**9.522**		ug/L	0.40	10		95	70-130		30
trans-1,2-Dichloroethene	**9.193**		ug/L	1.0	10		92	70-130		30
Toluene	**8.927**		ug/L	1.0	10		89	70-130		30
Tetrahydrofuran (THF)	**25.18**		ug/L	2.5	25		101	70-130		30
Methyl ethyl ketone	**10.16**		ug/L	5.0	10		102	70-130		30
tert-Butylbenzene	**8.844**		ug/L	1.0	10		88	70-130		30
Bromodichloromethane	**9.661**		ug/L	0.50	10		97	70-130		30
sec-Butylbenzene	**9.215**		ug/L	1.0	10		92	70-130		30
p-Isopropyltoluene	**8.745**		ug/L	1.0	10		87	70-130		30
o-Xylene	**9.034**		ug/L	1.0	10		90	70-130		30
n-Propylbenzene	**8.796**		ug/L	1.0	10		88	70-130		30
n-Butylbenzene	**9.070**		ug/L	1.0	10		91	70-130		30
Naphthalene	**11.67**		ug/L	1.0	10		117	70-130		30
Methylene chloride	**9.175**		ug/L	1.0	10		92	70-130		30
Tetrachloroethene	**8.915**		ug/L	1.0	10		89	70-130		30
1,1-Dichloroethane	**9.367**		ug/L	1.0	10		94	70-130		30
Carbon tetrachloride	**8.857**		ug/L	1.0	10		89	70-130		30
1,2-Dibromo-3-chloropropane	**10.49**		ug/L	1.0	10		105	70-130		30
1,2,4-Trimethylbenzene	**9.074**		ug/L	1.0	10		91	70-130		30
1,2,4-Trichlorobenzene	**10.77**		ug/L	1.0	10		108	70-130		30
1,2,3-Trichloropropane	**10.18**		ug/L	1.0	10		102	70-130		30
1,2,3-Trichlorobenzene	**11.01**		ug/L	1.0	10		110	70-130		30
1,2-Dichlorobenzene	**9.578**		ug/L	1.0	10		96	70-130		30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454962A - SW8260C										
LCS (CB86829-LCS)					Prepared: Analyzed: 03-Nov-18					
1,1-Dichloroethene	**8.842**		ug/L	1.0	10		88	70-130		30
1,2-Dichloroethane	**9.844**		ug/L	1.0	10		98	70-130		30
1,1,2-Trichloroethane	**9.885**		ug/L	1.0	10		99	70-130		30
1,1,2,2-Tetrachloroethane	**11.01**		ug/L	0.50	10		110	70-130		30
1,1,1-Trichloroethane	**9.025**		ug/L	1.0	10		90	70-130		30
1,1,1,2-Tetrachloroethane	**9.352**		ug/L	1.0	10		94	70-130		30
Trichlorotrifluoroethane	**8.580**		ug/L	1.0	10		86	70-130		30
Bromoform	**9.642**		ug/L	1.0	10		96	70-130		30
1,1-Dichloropropene	**9.023**		ug/L	1.0	10		90	70-130		30
2-Hexanone	**10.45**		ug/L	5.0	10		104	70-130		30
Bromochloromethane	**9.664**		ug/L	1.0	10		97	70-130		30
Bromobenzene	**9.135**		ug/L	1.0	10		91	70-130		30
Benzene	**9.105**		ug/L	0.70	10		91	70-130		30
Acrylonitrile	**9.922**		ug/L	5.0	10		99	70-130		30
Acrolein	**48.52**		ug/L	5.0	50		97	70-130		30
Acetone	**7.910**		ug/L	5.0	10		79	70-130		30
1,2-Dibromoethane	**9.264**		ug/L	1.0	10		93	70-130		30
4-Chlorotoluene	**9.064**		ug/L	1.0	10		91	70-130		30
Vinyl chloride	**8.660**		ug/L	1.0	10		87	70-130		30
2-Chlorotoluene	**9.005**		ug/L	1.0	10		90	70-130		30
2,2-Dichloropropane	**9.427**		ug/L	1.0	10		94	70-130		30
1,4-Dichlorobenzene	**9.304**		ug/L	1.0	10		93	70-130		30
1,3-Dichloropropane	**9.757**		ug/L	1.0	10		98	70-130		30
1,3-Dichlorobenzene	**9.034**		ug/L	1.0	10		90	70-130		30
1,3,5-Trimethylbenzene	**8.861**		ug/L	1.0	10		89	70-130		30
1,2-Dichloropropane	**9.111**		ug/L	1.0	10		91	70-130		30
4-Methyl-2-pentanone	**10.47**		ug/L	5.0	10		105	70-130		30
Surrogate: % 1,2-dichlorobenzene-d4	*10.00*		ug/L		*10*		*100*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.47*		ug/L		*10*		*105*	*70-130*		
Surrogate: % Toluene-d8	*9.746*		ug/L		*10*		*97*	*70-130*		
Surrogate: % Bromofluorobenzene	*9.990*		ug/L		*10*		*100*	*70-130*		
LCSD (CB86829-LCSD)					Prepared: Analyzed: 03-Nov-18					
2-Isopropyltoluene	**9.576**		ug/L	1.0	10		96	70-130	2.1	30
cis-1,2-Dichloroethene	**10.01**		ug/L	1.0	10		100	70-130	7.3	30
m&p-Xylene	**18.41**		ug/L	1.0	20		92	70-130	1.1	30
Isopropylbenzene	**9.162**		ug/L	1.0	10		92	70-130	3.3	30
Hexachlorobutadiene	**9.808**		ug/L	0.40	10		98	70-130	5.2	30
Ethylbenzene	**9.191**		ug/L	1.0	10		92	70-130	3.3	30
Dichlorodifluoromethane	**8.328**		ug/L	1.0	10		83	70-130	6.2	30
Dibromomethane	**9.485**		ug/L	1.0	10		95	70-130	2.1	30
Dibromochloromethane	**10.36**		ug/L	0.50	10		104	70-130	10.1	30
Carbon Disulfide	**9.442**		ug/L	1.0	10		94	70-130	4.3	30
cis-1,3-Dichloropropene	**9.925**		ug/L	0.40	10		99	70-130	4.1	30
Methylcyclohexane	**8.759**		ug/L	1.0	10		88	70-130	5.8	30
Chloromethane	**8.629**		ug/L	1.0	10		86	70-130	1.2	30
Chloroform	**9.426**		ug/L	1.0	10		94	70-130	2.2	30
Chloroethane	**9.501**		ug/L	1.0	10		95	70-130	4.3	30
Chlorobenzene	**9.522**		ug/L	1.0	10		95	70-130	3.2	30
Carbon tetrachloride	**9.465**		ug/L	1.0	10		95	70-130	6.5	30
Cyclohexane	**8.050**		ug/L	5.0	10		80	70-130	3.8	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454962A - SW8260C										
LCSD (CB86829-LCSD)					Prepared: Analyzed: 03-Nov-18					
sec-Butylbenzene	**9.706**		ug/L	1.0	10		97	70-130	5.3	30
Trichloroethene	**9.346**		ug/L	1.0	10		93	70-130	2.2	30
trans-1,4-dichloro-2-butene	**53.93**		ug/L	5.0	50		108	70-130	7.7	30
trans-1,3-Dichloropropene	**9.933**		ug/L	0.40	10		99	70-130	4.1	30
trans-1,2-Dichloroethene	**9.826**		ug/L	1.0	10		98	70-130	6.3	30
Toluene	**9.117**		ug/L	1.0	10		91	70-130	2.2	30
Tetrahydrofuran (THF)	**26.17**		ug/L	2.5	25		105	70-130	3.9	30
Tetrachloroethene	**9.605**		ug/L	1.0	10		96	70-130	7.6	30
Methyl ethyl ketone	**10.43**		ug/L	5.0	10		104	70-130	1.9	30
Styrene	**9.435**		ug/L	1.0	10		94	70-130	3.2	30
Methyl t-butyl ether (MTBE)	**9.973**		ug/L	1.0	10		100	70-130	1.0	30
p-Isopropyltoluene	**9.109**		ug/L	1.0	10		91	70-130	4.5	30
o-Xylene	**9.565**		ug/L	1.0	10		96	70-130	6.5	30
n-Propylbenzene	**9.047**		ug/L	1.0	10		90	70-130	2.2	30
n-Butylbenzene	**9.342**		ug/L	1.0	10		93	70-130	2.2	30
Naphthalene	**11.94**		ug/L	1.0	10		119	70-130	1.7	30
Methylene chloride	**9.578**		ug/L	1.0	10		96	70-130	4.3	30
Bromochloromethane	**9.905**		ug/L	1.0	10		99	70-130	2.0	30
tert-Butylbenzene	**9.113**		ug/L	1.0	10		91	70-130	3.4	30
1,1-Dichloroethene	**9.471**		ug/L	1.0	10		95	70-130	7.7	30
Bromoform	**10.23**		ug/L	1.0	10		102	70-130	6.1	30
1,2-Dibromoethane	**9.808**		ug/L	1.0	10		98	70-130	5.2	30
1,2-Dibromo-3-chloropropane	**11.38**		ug/L	1.0	10		114	70-130	8.2	30
1,2,4-Trimethylbenzene	**9.515**		ug/L	1.0	10		95	70-130	4.3	30
1,2,4-Trichlorobenzene	**10.82**		ug/L	1.0	10		108	70-130	0.0	30
1,2,3-Trichloropropane	**10.51**		ug/L	1.0	10		105	70-130	2.9	30
1,2-Dichloroethane	**10.43**		ug/L	1.0	10		104	70-130	5.9	30
1,1-Dichloropropene	**9.346**		ug/L	1.0	10		93	70-130	3.3	30
1,2-Dichloropropane	**9.782**		ug/L	1.0	10		98	70-130	7.4	30
1,1-Dichloroethane	**9.906**		ug/L	1.0	10		99	70-130	5.2	30
1,1,2-Trichloroethane	**9.998**		ug/L	1.0	10		100	70-130	1.0	30
1,1,2,2-Tetrachloroethane	**11.36**		ug/L	0.50	10		114	70-130	3.6	30
1,1,1-Trichloroethane	**9.107**		ug/L	1.0	10		91	70-130	1.1	30
1,1,1,2-Tetrachloroethane	**9.997**		ug/L	1.0	10		100	70-130	6.2	30
Trichlorotrifluoroethane	**8.836**		ug/L	1.0	10		88	70-130	2.3	30
Trichlorofluoromethane	**9.173**		ug/L	1.0	10		92	70-130	7.9	30
1,2,3-Trichlorobenzene	**11.62**		ug/L	1.0	10		116	70-130	5.3	30
4-Chlorotoluene	**9.420**		ug/L	1.0	10		94	70-130	3.2	30
Vinyl chloride	**9.465**		ug/L	1.0	10		95	70-130	8.8	30
Bromodichloromethane	**9.776**		ug/L	0.50	10		98	70-130	1.0	30
Bromobenzene	**9.646**		ug/L	1.0	10		96	70-130	5.3	30
Benzene	**9.618**		ug/L	0.70	10		96	70-130	5.3	30
Acrylonitrile	**11.03**		ug/L	5.0	10		110	70-130	10.5	30
Acrolein	**47.67**		ug/L	5.0	50		95	70-130	2.1	30
1,2-Dichlorobenzene	**9.586**		ug/L	1.0	10		96	70-130	0.0	30
4-Methyl-2-pentanone	**10.65**		ug/L	5.0	10		107	70-130	1.9	30
Bromomethane	**11.16**		ug/L	1.0	10		112	70-130	4.6	30
2-Hexanone	**10.65**		ug/L	5.0	10		107	70-130	2.8	30
2-Chlorotoluene	**9.425**		ug/L	1.0	10		94	70-130	4.3	30
2,2-Dichloropropane	**10.02**		ug/L	1.0	10		100	70-130	6.2	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW8260C										
Batch 454962A - SW8260C										
LCSD (CB86829-LCSD)					Prepared: Analyzed: 03-Nov-18					
1,4-Dichlorobenzene	**9.604**		ug/L	1.0	10		96	70-130	3.2	30
1,3-Dichloropropane	**9.874**		ug/L	1.0	10		99	70-130	1.0	30
1,3-Dichlorobenzene	**9.479**		ug/L	1.0	10		95	70-130	5.4	30
1,3,5-Trimethylbenzene	**9.276**		ug/L	1.0	10		93	70-130	4.4	30
Acetone	**9.553**		ug/L	5.0	10		96	70-130	19.4	30
Surrogate: % Bromofluorobenzene	*10.15*		ug/L		*10*		*101*	*70-130*		
Surrogate: % Dibromofluoromethane	*10.38*		ug/L		*10*		*104*	*70-130*		
Surrogate: % 1,2-dichlorobenzene-d4	*10.33*		ug/L		*10*		*103*	*70-130*		
Surrogate: % Toluene-d8	*9.885*		ug/L		*10*		*99*	*70-130*		

Notes and Definitions

J.	Estimated values
l	This parameter is outside laboratory lcs/lcsd specified recovery limits.
m	This parameter is outside laboratory ms/msd specified recovery limits.
S	Laboratory solvent, contamination is possible.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SC51444 [illegible]

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CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:

- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: As per contract

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: Ashlee Patnode, 368 pleasantview Dr, Lancaster NY 14086
Telephone #: 716 684-8060
Project Mgr: Ashlee Patnode

Invoice To: Ashlee Patnode, 368 pleasantview Dr, Lancaster NY 14086
P.O No.:
Quote #:

Project No: Mr C's (10C3074.0011.011
Site Name: Mr C's
Location: East Aurora State: NY
Sampler(s): L.Riedl M Gel B

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

List Preservative Code below: 2

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260	Check if chlorinated
SC51444.01	TB-102218	10/22/18	8:00	G	GW	1				X	☐
02	ESI 3-102218	10/22/18	9:45	G	GW	3				X	☐
03	MPI 7IR-102218	10/22/18	11:44	G	GW	3				X	☐
04	PZ4D-102218	10/22/18	12:49	G	GW	3				X	☐
05	PZ-5A-102218	10/22/18	14:02	G	GW	3				X	☐
	PZ5A-102218 MS	10/22/18	14:02	G	GW	3				X	☐
	PZ5A-102218 MSD	10/22/18	14:02	G	GW	3				X	☐
06	MPI 2SR-102318	10/23/18	08:28	G	GW	3				X	☐
07	MW7-102318	10/23/18	10:23	G	GW	3				X	☐
08	MPI 13BR-102418	10/24/18	9:00	G	GW	3				X	☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: As Per Contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]		10/24/18	10:00	Observed 2.1
[signature]	[signature]	10/25/18	949	Correction Factor 0
				Corrected 2.1
				IR ID # 01

☐ EDD format: As per Contract
☐ E-mail to:

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SC51444 8-7

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CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:

☐ Standard TAT - 7 to 10 business days

☐ Rush TAT - Date Needed: As per contract

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 30 days unless otherwise instructed.

Report To: ~~Ashlee~~ Ashlee Patnode
368 Pleasantview Dr
Lancaster NY 14206

Telephone #:
Project Mgr:

Invoice To: Ashlee Patnode
368 Pleasantview Dr
Lancaster NY 14086

P.O No.: Quote #:

Project No: 10C3074.0011.011
Site Name: MPC's
Location: East Aurora State: NY
Sampler(s): Matt Grib
L. Roell

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

List Preservative Code below: 2

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		8260								Check if chlorinated
SC51444-09	MPI4I-102418	10/24/18	10:20	G	GW	3					X								☐
10	MPI4S-102418	10/24/18	10:58	G	GW	3					X								☐
11	PW4-102418	10/24/18	11:43	G	GW	3					X								☐
12	PW6-102418	10/24/18	12:05	G	GW	3					X								☐
13	PW7-102418	10/24/18	12:50	G	GW	3					X								☐
14	PW8-102418	10/24/18	12:47	G	GW	3					X								☐
15	PW2-102418	10/24/18	13:10	G	GW	3					X								☐
16	RW1-102418	10/24/18	13:35	G	GW	3					X								☐
17	PW3-102418	10/24/18	13:52	G	GW	3					X								☐
18	PW5-102418	10/24/18	14:25	G	GW	3					X								☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☐ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: As per contract
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp °C
[signature]	FedEx	10/24/18	1600	Observed 2.1
FedEx	[signature]	10/25/18	949	Correction Factor 0
				Corrected 2.1
				IR ID # 01

☐ EDD format: As per contract
☐ E-mail to:

Condition upon receipt: Custody Seals: ~~☐ Present~~ ~~☐ Intact~~ ☐ Broken
☐ Ambient ~~☐ Iced~~ ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

ORIGIN ID:DKKA (716) 684-8060
ATTN: ASHLEE PATNODE
ECOLOGY AND ENVIRONMENTAL ENG. P.C.
368 PLEASANTVIEW DRIVE

LANCASTER, NY 14086
UNITED STATES US

SHIP DATE: 16OCT18
ACTWGT: 10.00 LB
CAD: 0654830/CAFE3210

TO **ROBERT BRISTOL**
EUROFINS SPECTRUM ANALYTICAL, INC.
11 ALMGREN DRIVE

AGAWAM MA 01001
(413) 789-9018 REF:
INV:
PO: DEPT:

552J/188FB/DCA5

RMA:

FedEx Express

J18211808159 1ov

RETURNS MON-SAT
PRIORITY OVERNIGHT

TRK# 0223 **4663 8817 2334**

01001

MA-US

After printing this label:
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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Batch Summary

454935A

Subcontracted Analyses

CB86821-BLK
CB86821-LCS
CB86821-LCSD
CB86821-MS
CB86821-MSD
SC51444-01 (TB-102218)
SC51444-02 (ESI3-102218)
SC51444-04 (PZ-1D-102218)
SC51444-07 (MW7-102318)
SC51444-09 (MPI4-I-102418)
SC51444-16 (RW1-102418)
SC51444-17 (PW3-102418)

454937A

Subcontracted Analyses

CB86819-BLK
CB86819-LCS
CB86819-LCSD
SC51444-03 (MPI7-IR-102218)
SC51444-05 (PZ-5A-102218)
SC51444-06 (MPI2SR-102318)
SC51444-08 (MPI13BR-102418)
SC51444-10 (MPI4-S-102418)
SC51444-11 (PW4-102418)
SC51444-12 (PW6-102418)
SC51444-15 (PW2-102418)

454962A

Subcontracted Analyses

CB86829-BLK
CB86829-LCS
CB86829-LCSD
SC51444-13 (PW7-102418)
SC51444-14 (PW8-102418)
SC51444-18 (PW5-102418)

Appendix C
Data Usability Summary Report (DUSR)

Data Usability Summary Report	Project: Mr. C's Cleaners
Date Completed: December 12, 2018	Completed by: Lynne Parker; Eridania Marte

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness based on applicable sections of the following guidelines.

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- EPA Region 2 Data Validation SOPs

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Project ID	Lab Work Order	Laboratory Report
10C3074.0011.09	SC51327 SC51444	Eurofins Spectrum Analytical, Inc.

Table 1 Sample Listing Summary

Work Order	Matrix	Sample ID	Lab ID	Sample Date	Lab QC	ID Corrections
SC51327	WG	EE2-101718	SC51327-09	10/17/2018 12:16		
SC51327	WG	EE3-101818	SC51327-13	10/18/2018 10:46		
SC51327	WG	ESI-2R-101618	SC51327-06	10/16/2018 13:57		
SC51327	WG	ESI5R-101718	SC51327-08	10/17/2018 14:05		
SC51327	WG	ESI-6-101818	SC51327-16	10/18/2018 14:30		
SC51327	WG	MPI14BR-101718	SC51327-11	10/17/2018 9:50		
SC51327	WG	MPI15B-101818	SC51327-12	10/18/2018 8:56		
SC51327	WG	MPI1S-101818	SC51327-15	10/18/2018 12:57		
SC51327	WG	MPI3S-101818	SC51327-14	10/18/2018 11:43		
SC51327	WG	MPI5S-101618	SC51327-03	10/16/2018 10:40		
SC51327	WG	MPI5S-101618Q	SC51327-04	10/16/2018 10:40		
SC51327	WQ	MPI6S-101918	SC51327-19	10/19/2018 10:16		
SC51327	WG	MPI8SR-101618	SC51327-07	10/16/2018 15:40		
SC51327	WG	MPI9S-101718	SC51327-10	10/17/2018 10:54		
SC51327	WG	MW8-101618	SC51327-02	10/16/2018 8:56		
SC51327	WG	P27D-101918	SC51327-20	10/19/2018 11:40		PZ7D-101918
SC51327	WQ	P28C-101918	SC51327-21	10/19/2018 13:10		PZ8C-101918
SC51327	WG	PZ3B-101618	SC51327-05	10/16/2018 12:20	MS/MSD	
SC51327	WG	PZ6A-101918	SC51327-17	10/19/2018 8:56		
SC51327	WG	PZ6A-101918Q	SC51327-18	10/19/2018 8:56		
SC51327	WG	TB-101618	SC51327-01	10/16/2018 8:00		
SC51444	WG	ESI3-102218	SC51444-02	10/22/2018 9:45		
SC51444	WG	MPI13BR-102418	SC51444-08	10/24/2018 9:00		
SC51444	WG	MPI2SR-102318	SC51444-06	10/23/2018 8:28		
SC51444	WG	MPI4-I-102418	SC51444-09	10/24/2018 10:20		
SC51444	WG	MPI4-S-102418	SC51444-10	10/24/2018 10:58		
SC51444	WG	MPI7-IR-102218	SC51444-03	10/22/2018 11:44		
SC51444	WG	MW7-102318	SC51444-07	10/23/2018 10:23		
SC51444	WG	PW2-102418	SC51444-15	10/24/2018 13:10		
SC51444	WG	PW3-102418	SC51444-17	10/24/2018 13:52		
SC51444	WG	PW4-102418	SC51444-11	10/24/2018 11:43		
SC51444	WG	PW5-102418	SC51444-18	10/24/2018 14:25		

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Work Order	Matrix	Sample ID	Lab ID	Sample Date	Lab QC	ID Corrections
SC51444	WG	PW6-102418	SC51444-12	10/24/2018 12:05		
SC51444	WG	PW7-102418	SC51444-13	10/24/2018 12:50		
SC51444	WQ	PW8-102418	SC51444-14	10/24/2018 12:47		
SC51444	WG	PZ-1D-102218	SC51444-04	10/22/2018 12:49		
SC51444	WG	PZ-5A-102218	SC51444-05	10/22/2018 14:02	MS/MSD	
SC51444	WG	RW1-102418	SC51444-16	10/24/2018 13:35		
SC51444	WG	TB-102218	SC51444-01	10/22/2018 8:00		

Table 1A Sample Test Summary

Work Orders	Matrix	Test Method	Number of Samples	Sample Type
SC51327	WG	SW8260C	20	N/FD
SC51327	WG	SW8260C	1	TB
SC51444	WG	SW8260C	17	N
SC51444	WQ	SW8260C	1	TB

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	No. Samples P27D-101918 and P28C-101918 sample name was changed to PZ7D-101918 and PZ8C-101918 to be consistent with nomenclature and sample name noted on COC.
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	Yes.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs Equipment Blank - 1/ set of samples per day?	Yes. 2 field duplicates per 35 samples. 2 MS/MSDs per 35 samples. 2 trip blanks - one per VOC cooler. No equipment blank was collected.
Case narrative present and complete?	Yes.
Any holding time violations (See table below)?	No.

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria:

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Reanalysis Results (Table 6)
- Field Duplicate Results (Table 7)

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Volatile Organic Compounds by GC/MS – Method 8260C	
Description	**Notes and Qualifiers**
Any compounds present in method, trip, or, field blanks (see Table 2)?	No.
For samples, if results are < 5 times the blank or < 10 times the blank for common laboratory contaminants, then "U" flag data. Qualification also applies to TICs.	No qualification required.
Are surrogates for method blanks and LCS within limits?	Yes.
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Matrix effects should be established.	Yes.
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes.
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No. 2-chlorotoluene was recovered low in MSD of sample PZ-5A-102218. The analyte was UJ qualified as estimated non-detect in the parent sample.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No. Acetone was recovered low in LCSD CB86819-LCSD. The analyte in samples ESI3, PZ-1D, MW7, MPI4-I, RW1, and PW3 were UJ qualified as estimated non-detect.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Unable to be assessed. Category A deliverable provided.
Is initial calibration for target compounds <20 %RSD or curve fit? Is ICV 80-120%? Is LCV 70-130%?	Unable to be assessed. Category A deliverable provided.
Does each target compound have a minimum response factor of 0.05 for the lowest calibration standard and for the average RF? Qualifications do not apply to ketones, alcohols and dioxanes due to poor purging efficiency.	Unable to be assessed. Category A deliverable provided.
Is %D in the continuing calibration for target compounds less than method specifications?	Unable to be assessed. Category A deliverable provided.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	Yes. Majority of the dilutions were related to bring the concentration of target analytes within the calibration curve. However, the following samples were initially diluted for all and elevated reporting limits were provided. Case narrative did not include explanation of dilution for all samples and only Category A deliverable was provided; therefore, unable to assess: PW4-102418, PW5-102418, PW6-102418, PW7-102418, PW8-102418, PZ-5A-102218, PZ6A-101918Q.

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Volatile Organic Compounds by GC/MS – Method 8260C	
Description	**Notes and Qualifiers**
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes. Precision between samples results for PZ6A-101918 and PZ6A-101918Q were not determined for 1,1-dichloroethane, benzene, and vinyl chloride due to analytes being detected in one sample and not the other. Detected analytes were less than or equal to the PQL; therefore, RPD was not calculated and no qualification was made.

Summary of Findings

- Samples PW4-102418, PW5-102418, PW6-102418, PW7-102418, PW8-102418, PZ-5A-102218, PZ6A-101918Q exhibited elevated method detection limits in which exceeded NYSDEC screening criteria for various of the following analytes: 1,1,2-trichloroethane, 1,2-dichloroethane, 1,2-dichloropropane, 1,2-dibromo-3-chloropropane, 1,2,3-trichloropropane, 1,2-dibromoethane, benzene, cis-1,3-dichloropropene, hexachlorobutadiene, trans-1,3-dichloropropene, 1,2-dichlorobenzene and 1,3-dichlorobenzene, vinyl chloride, methylene chloride, and xylenes.
- Acetone was recovered low in LCSD CB86819-LCSD. The analyte in samples ESI3, PZ-1D, MW7, MPI4-I, RW1, and PW3 were UJ qualified as estimated non-detect.
- 2-chlorotoluene was recovered low in MSD of sample PZ-5A-102218. The analyte was UJ qualified as estimated non-detect in the parent sample.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List of MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Sample Type	Analyte	Orig. Result	Spike Amount	MS Rec.	MSD Rec	Low Limit	High Limit	Sample Qualifier
8260C	CB86821-MSD	MSD	2-Chlorotoluene	0.7500	10	95	<10	70	130	UJ Flag

Table 5 - List of LCS Recoveries outside Control Limits

Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Sample Qualifier
8260C	CB86819-LCSD	LCSD	Acetone	66	70	130	UJ Flag

Table 6 - Samples that were Re-analyzed

Lab ID	Sample ID	Method	Sample Type	Action
SC51327-09	EE2-101718	8260C	N	100X: Diluted to bring the concentrations of tetrachloroethene, cis-1,2-dichloroethene, and trichloroethene within the calibration curve.
SC51444-02	ESI3-102218	8260C	N	10X: Diluted to bring the concentration of tetrachloroethene within the calibration curve.
SC51327-16	ESI-6-101818	8260C	N	20X: Diluted to bring the concentration of tetrachloroethene within the calibration curve.
SC51444-09	MPI4-I-102418	8260C	N	10X: Diluted to bring the concentrations of tetrachloroethene, trichloroethene, and vinyl chloride within the calibration curve. 50X: Diluted to bring the concentrations of cis-1,2-dichloroethene and tert-butyl methyl ether within the calibration curve.
SC51327-19	MPI6S-101918	8260C	N	20X: Diluted to bring the concentration of cis-1,2-dichloroethene within the calibration curve.
SC51327-07	MPI8SR-101618	8260C	N	10X: Diluted to bring the concentrations of cis-1,2-dichloroethene and tetrachloroethene within the calibration curve.

Lab ID	Sample ID	Method	Sample Type	Action
SC51444-07	MW7-102318	8260C	N	50X: Diluted to bring the concentration of tetrachloroethene within the calibration curve.
SC51327-02	MW8-101618	8260C	N	10X: Diluted to bring the concentration of cis-1,2-dichloroethene within the calibration curve.
SC51327-20	P27D-101918	8260C	N	5X: Diluted to bring the concentration of 2-hexanone within the calibration curve.
SC51444-11	PW4-102418	8260C	N	20X: Diluted to bring target analytes within the calibration range. 200X: Diluted to bring tetrachloroethene within the calibration range.
SC51444-18	PW5-102418	8260C	N	5X: Diluted to bring target analytes within the calibration range. 200X: Diluted to bring tetrachloroethene within the calibration range.
SC51444-12	PW6-102418	8260C	N	10X: Diluted to bring target analytes within the calibration range. 200X: Diluted to bring tetrachloroethene within the calibration range.
SC51444-13	PW7-102418	8260C	N	10X: Diluted to bring target analytes within the calibration range. 200X: Diluted to bring tetrachloroethene, trichloroethene, and vinyl chloride within the calibration range. 500X: Diluted to bring cis-1,2-dichloroethene within the calibration range.
SC51444-14	PW8-102418	8260C	N	10X: Diluted to bring target analytes within the calibration range. 50X: Diluted to bring cis-1,2-dichloroethene within the calibration range.
SC51327-05	PZ3B-101618	8260C	N	20X: Diluted to bring the concentration of tetrachloroethene within the calibration curve.
SC51444-05	PZ-5A-102218	8260C	N	10X: Diluted to bring target analytes within the calibration range. 200X: Diluted to bring the concentration of tetrachloroethene within the calibration curve.
SC51327-17	PZ6A-101918	8260C	N	50X: Diluted to bring the concentrations of cis-1,2-dichloroethene and trichloroethene within the calibration curve. 200X: Diluted to bring the concentration of tetrachloroethene within the calibration curve.
SC51327-18	PZ6A-101918Q	8260C	FD	20X: Diluted to bring target analytes within the calibration range. 200X: Diluted to bring tetrachloroethene within the calibration range.

Table 7 - Summary of Field Duplicate Results

Method	Analyte	Unit	Matrix	PQL	MPI5S-101618	MPI5S-101618Q	RPD	RPD Rating	Sample Qual
SW8260	Cis-1,2-Dichloroethylene	ug/l	WG	1	7.2	7.1	1.4%	Good	None
SW8260	Tetrachloroethylene(PCE)	ug/l	WG	1	18	19	5.4%	Good	None
SW8260	Trans-1,2-Dichloroethene	ug/l	WG	2	2.1	2	4.9%	Good	None
SW8260	Trichloroethylene (TCE)	ug/l	WG	1	6.2	6.1	1.6%	Good	None
SW8260	Vinyl Chloride	ug/l	WG	1	0.45	0.48	6.5%	Good	None

Method	Analyte	Unit	Matrix	PQL	PZ6A-101918	PZ6A-101918Q	RPD	RPD Rating	Sample Qual
SW8260	1,1-Dichloroethane	ug/l	WG	2	0.55	0	NC	--	None – </= PQL
SW8260	1,1-Dichloroethene	ug/l	WG	1	8.7	7.9	9.6%	Good	None
SW8260	Benzene	ug/l	WG	0.7	0.31	0	NC	--	None – </= PQL
SW8260	Tert-Butyl Methyl Ether	ug/l	WG	1	18	20	10.5%	Good	None
SW8260	Tetrachloroethylene(PCE)	ug/l	WG	200	2000	2400	18.2%	Good	None
SW8260	Trans-1,2-Dichloroethene	ug/l	WG	2	3.8	5.3	33.0%	Good	None
SW8260	Trichloroethylene (TCE)	ug/l	WG	50	420	440	4.7%	Good	None
SW8260	Vinyl Chloride	ug/l	WG	1	1	0	NC	--	None – </= PQL

Acronym List and Table Key:

COC = chain of custody
DUSR = data usability summary report
FD = field duplicate sample
GC/MS = gas chromatography / mass spectrometry
ICAL = initial calibration
LC/MS/MS = liquid chromatography/tandem-mass spectrometry
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
MB = method blank
MS = matrix spike
MSD = matrix spike duplicate
N = normal field sample
NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PCE = tetrachloroethylene
PQL = practical quantitation limit
QA = quality assurance
QAPP = quality assurance project plan

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Acronym List and Table Key:

QC = quality control
RB = rinsate blank sample
RF = response factor
RPD = relative percent difference
SDG = sample delivery group
TB = Trip blank sample
TCE = trichloroethylene
VOC = volatile organic compound