MEMORANDUM

Project No. 060172

May 31, 2023

To: Joel Ostroff, Stanley Real Estate

From:

5/31/2023

Jeremy Porter, PE
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Delia Massey, PE
Project Engineer
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Re: **Confirmation Groundwater Sampling Results**

This memo documents the first year of confirmation groundwater monitoring results since completion of the cleanup action at the Spic'n Span Cleaners Site (Site) located at 652 South Dearborn Street in Seattle, Washington (Property). The cleanup action identified in the *Remedial Investigation, Feasibility Study, and Cleanup Action Plan* (RI/FS/CAP; Aspect, 2011)[1] consisted of *in situ* thermal treatment using electrical resistance heating (ERH) to address chemicals of concern (COCs) consisting of total petroleum (TPH) as mineral spirits, perchloroethene (PCE), and associated degradation products trichloroethene (TCE), cis-1,2-dichloroethene (cis-DCE), and vinyl chloride (VC) occurrences in soil and groundwater. The Washington State Department of Ecology (Ecology) reviewed the RI/FS/CAP under the Voluntary Cleanup Program (VCP) and issued an opinion agreeing that the selected remedy was appropriate for the Site (Ecology, 2013). Ecology also issued an opinion under the VCP agreeing with the *Sampling and Analysis Plan* (SAP; Aspect 2016).[2] The ERH remediation system was operated between July 2021 and January 2022, and groundwater monitoring was conducted quarterly following system shutdown, in accordance with the SAP.

Groundwater Monitoring

Groundwater samples were collected from thirteen monitoring wells (MW-1 through MW-12 and VE-1R) in June 2022, October 2022, January 2023, and April 2023. The April 2023 monitoring

[1] Aspect Consulting, LLC, 2011, Remedial Investigation, Feasibility Study, and Cleanup Action Plan, Spic'n Span Cleaners, November 16, 2011.
[2] Aspect Consulting, LLC, 2016, Sampling and Analysis Plan, Spic'n Span Cleaners Clean up Action, February 9, 2016.

event only included Site monitoring wells at which an exceedance has been detected, or reporting limits have been above the cleanup level, within the past two quarters of monitoring (MW-2R, MW-3R, MW-4, MW-6, and MW-10). Monitoring well locations are shown on Figure 1. Groundwater samples from wells within the treatment area (MW-2R, MW-3R, MW-5R, MW-10, MW-11, MW-12, and VE-1R) were collected using the Hot Groundwater Sampling Standard Operating Procedure provided in Attachment B of the *Sampling and Analysis Plan* (SAP; Aspect 2016) .

Groundwater levels were measured using a water level indicator and collected using low-flow sampling techniques with a peristaltic pump and dedicated tubing. Field parameters measured during sampling included turbidity, temperature, pH, conductivity, dissolved oxygen, and oxidation-reduction potential (ORP). Groundwater elevation contours are shown on Figure 1. The estimated direction of groundwater flow was to the southwest, consistent with historical monitoring data.

All wells were sampled and analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260 with a subset of wells, as identified in the SAP, being tested for gasoline-range TPH (TPH-G) by Method NWTPH-Gx. Analytical results from the groundwater samples are summarized in Table 1, and laboratory certificates of analysis from OnSite Environmental Inc. (OnSite) in Redmond, Washington are provided in Appendix A.

Concentrations of Site COCs[3] have remained below or decreased below cleanup levels at all wells within the treatment area, including all on-Property wells (MW-2R, MW-3R, MW-5R, MW-10, MW-11, MW-12, and VE-1R).

Concentrations of Site COCs have remained below cleanup levels at four of the off-Property wells (MW-1, MW-7, MW-8, and MW-9) during all four quarters of monitoring.

Concentrations of Site COCs remain above cleanup levels at two off-Property wells (MW-4 and MW-6), which are located immediately downgradient of the treatment area. In April 2023, the concentrations of vinyl chloride at MW-4 (13 µg/L) and MW-6 (0.85 µg/L) exceeded the cleanup level of 0.2 µg/L. The total molar mass of COCs at these wells have declined since treatment.

Conclusions and Recommendations

Confirmation groundwater monitoring indicates that on-Property groundwater quality has improved since completion of the cleanup action. Concentrations of COCs in groundwater on-Property have decreased below cleanup levels in the first year since ERH treatment has been completed. Two off-Property downgradient wells continue to have exceedances of cleanup levels for PCE degradation products (cis-DCE and vinyl chloride), although the overall molar mass of COCs has decreased since treatment.

[3] Naphthalene is not a Site COC, but was detected slightly above the MTCA Method A cleanup level at some wells in the treatment area when temperatures were highly elevated. This is suspected to have resulted from increased solubility during heating from treated wood pilings that support the building. Naphthalene concentrations decreased during cooldown and, as of April 2023, did not exceed the cleanup level at any Site well.

Subsurface soil temperatures within the treatment area have returned to ambient conditions at 5 feet below ground surface, but remain elevated at 25 feet below ground surface (30 to 40 degrees Celsius).

In accordance with the SAP, once groundwater temperatures have stabilized, groundwater monitoring will be conducted quarterly at the site wells for one year to confirm compliance with groundwater cleanup levels, and three soil vapor samples will be collected.

Limitations

Work for this project was performed for Spic'n Span Cleaners, Inc, Gerald Steven and Sandra Belle Ostroff, and the Louis and Emma Ostroff Trust Living Trust Agreement (collectively, Client), and this memorandum was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This memorandum does not represent a legal opinion. No other warranty, expressed or implied, is made.

All reports prepared by Aspect Consulting for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect Consulting. Aspect Consulting's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Attachments: Table 1 – Groundwater Analytical Results
Figure 1 – Groundwater Contour Map - January 2023
Appendix A – Laboratory Reports

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TABLE

Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation			ERH Operation	
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-1 06/21/2022 MW-1-062122	MW-1 10/07/2022 MW-1-100722	MW-1 01/04/2023 MW-1-010423	MW-2R 01/12/2022 MW-2R-011222	MW-2R 01/26/2022 MW-2R-012622
PAHs							
Naphthalene	ug/L	160	**1.4**	< 1.0 U	< 1 U	**74**	**230**
TPHs							
Gasoline Range Organics	ug/L	1000	--	--	--	**350 X**	--
VOCs							
cis-1,2-Dichloroethene (cDCE)	ug/L	16	< 0.20 U	< 0.20 U	< 0.2 U	**52**	**55**
Tetrachloroethene (PCE)	ug/L	5	**1.4**	**2.9**	**1.3**	< 0.80 U	< 1.0 U
Trichloroethene (TCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	**4.8**	**3.9**
Vinyl Chloride	ug/L	0.2	< 0.20 U	< 0.20 U	< 0.1 U	**2.5**	**3.4**
Field Parameters							
Temperature	deg C		**15.7**	**19.79**	**16.54**	**23.3**	**15.6**
Specific Conductance	uS/cm		**536.4**	**230.25**	**776.64**	**579**	**605.8**
Dissolved Oxygen	mg/L		**0.51**	**6.15**	**0.4**	**0.32**	**5.14**
pH	pH units		**6.25**	**6.33**	**6.34**	**6.31**	**6.26**
Oxidation Reduction Potential	mV		**69.4**	**138.5**	**131.7**	**117.5**	**68.5**
Turbidity	NTU		**49.2**	**10.3**	**9.8**	**5.23**	**20.8**

Notes:

Bold - detected

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U - Analyte not detected at or above Reporting Limit (RL) shown

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X - Chromatographic pattern does not match fuel standard used for quantitation

"--" - indicates results not available

Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation				ERH Operation	
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-2R 06/21/2022 MW-2R-062122	MW-2R 10/07/2022 MW-2R-100722	MW-2R 01/04/2023 MW-2R-010423	MW-2R 04/05/2023 MW-2R-040523	MW-3R 01/12/2022 MW-3R-011222	MW-3R 06/21/2022 MW-3R-062122
PAHs								
Naphthalene	ug/L	160	**85**	**82**	**97**	**55**	**16**	**150**
TPHs								
Gasoline Range Organics	ug/L	1000	< 500 U	< 500 U	< 500 U	--	**130 X**	**720 X**
VOCs								
cis-1,2-Dichloroethene (cDCE)	ug/L	16	**10**	**4.6**	**0.74**	**1.6**	< 2.0 U	< 10 U
Tetrachloroethene (PCE)	ug/L	5	< 0.40 U	< 0.40 U	< 0.4 U	< 0.4 U	< 2.0 U	< 10 U
Trichloroethene (TCE)	ug/L	5	**0.84**	**0.67**	< 0.4 U	< 0.4 U	< 2.0 U	< 10 U
Vinyl Chloride	ug/L	0.2	**0.82**	**0.55**	< 0.2 U	**0.096**	< 2.0 U	< 10 U
Field Parameters								
Temperature	deg C		**13**	**27.37**	**16.21**	**18.8**	**17.9**	**10.3**
Specific Conductance	uS/cm		**784**	**765**	**661.52**	**1136.8**	**628**	**986**
Dissolved Oxygen	mg/L		**1.5**	**0.21**	**0.19**	**0.13**	**0.9**	**0.6**
pH	pH units		**6.44**	**7.28**	**6.75**	**6.83**	**5.42**	**6.56**
Oxidation Reduction Potential	mV		**28**	**-249.6**	**36.4**	**-15.3**	**35.1**	**39.9**
Turbidity	NTU		**3.11**	**65**	**3.28**	**6.58**	**7.58**	**2.82**

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Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation			Baseline	ERH Operation
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-3R 10/06/2022 MW-3R-100622	MW-3R 01/03/2023 MW-3R-010323	MW-3R 04/05/2023 MW-3R-040523	MW-4 11/20/2019 MW-4-112019	MW-4 01/26/2022 MW-4-012622
PAHs							
Naphthalene	ug/L	160	**220**	**200**	**110**	< 1.3 U	< 1.0 U
TPHs							
Gasoline Range Organics	ug/L	1000	< 500 U	< 500 U	--	< 100 U	--
VOCs							
cis-1,2-Dichloroethene (cDCE)	ug/L	16	< 1.0 U	< 1 U	< 0.8 U	**36**	**36**
Tetrachloroethene (PCE)	ug/L	5	< 1.0 U	< 1 U	< 0.8 U	< 0.20 U	< 0.20 U
Trichloroethene (TCE)	ug/L	5	< 1.0 U	< 1 U	< 0.8 U	< 0.20 U	**0.22**
Vinyl Chloride	ug/L	0.2	< 1.0 U	< 0.5 U	< 0.08 U	**31**	**9.6**
Field Parameters							
Temperature	deg C		**23.7**	**39.13**	**12.55**	**16.7**	**16.3**
Specific Conductance	uS/cm		**754.47**	**1177**	**1198.2**	**918**	**815**
Dissolved Oxygen	mg/L		**0.04**	**0.16**	**0.14**	**1.15**	**0.33**
pH	pH units		**6.51**	**6.57**	**6.93**	**6.68**	**6.75**
Oxidation Reduction Potential	mV		**-199.3**	**-46**	**18.9**	**-1.2**	**33.1**
Turbidity	NTU		**12.5**	**2.86**	**11.3**	**20.3**	**56.5**

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Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation				Baseline	ERH Operation
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-4 06/22/2022 MW-4-062222	MW-4 10/06/2022 MW-4-100622	MW-4 01/03/2023 MW-4-010323	MW-4 04/05/2023 MW-4-040523	MW-5R 11/20/2019 MW-5R-112019	MW-5R 12/16/2021 MW-5R-121621
PAHs								
Naphthalene	ug/L	160	< 2.0 U	< 1.0 U	< 1 U	< 2 U	< 1.3 U	< 4.0
TPHs								
Gasoline Range Organics	ug/L	1000	--	--	--	--	< 100 U	--
VOCs								
cis-1,2-Dichloroethene (cDCE)	ug/L	16	**36**	**11**	**34**	**11**	**6.1**	< 0.80
Tetrachloroethene (PCE)	ug/L	5	< 0.40 U	< 0.20 U	< 0.2 U	< 0.4 U	< 0.20 U	< 0.80
Trichloroethene (TCE)	ug/L	5	< 0.40 U	< 0.20 U	< 0.2 U	< 0.4 U	< 0.20 U	< 0.80
Vinyl Chloride	ug/L	0.2	**6.9**	**19**	**28**	**13**	**2.8**	< 0.80
Field Parameters								
Temperature	deg C		**19.4**	**23.06**	**21.97**	**21.3**	**15.7**	--
Specific Conductance	uS/cm		**1116**	**761.19**	**1002**	**753.27**	**961**	--
Dissolved Oxygen	mg/L		**0.47**	**0.23**	**0.17**	**0.14**	**0.38**	--
pH	pH units		**6.56**	**6.5**	**6.52**	**6.58**	**6.64**	--
Oxidation Reduction Potential	mV		**20.7**	**-74.8**	**-6.1**	**-13.6**	**31.2**	--
Turbidity	NTU		**8.23**	**6.06**	**3.31**	**7.37**	**4.11**	--

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Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation			Baseline	Post-ERH Operation			
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-5R 06/22/2022 MW-5R-062222	MW-5R 10/07/2022 MW-5R-100722	MW-5R 01/03/2023 MW-5R-010323	MW-6 01/06/2020 MW-6-010620	MW-6 06/22/2022 MW-6-062222	MW-6 10/06/2022 MW-6-100622	MW-6 01/04/2023 MW-6-010423	MW-6 04/05/2023 MW-6-040523
PAHs										
Naphthalene	ug/L	160	**5.6**	**4.2**	**2.9**	< 1.0 U	< 1.0 U	< 1.0 U	< 1 U	< 1 U
TPHs										
Gasoline Range Organics	ug/L	1000	--	--	--	< 100 U	--	--	--	--
VOCs										
cis-1,2-Dichloroethene (cDCE)	ug/L	16	< 0.20 U	< 0.20 U	< 0.2 U	**0.53**	**0.31**	**0.26**	**0.31**	**0.34**
Tetrachloroethene (PCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U
Trichloroethene (TCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.2 U	< 0.2 U
Vinyl Chloride	ug/L	0.2	< 0.20 U	< 0.20 U	< 0.1 U	**1.2**	**0.63**	**0.49**	**0.9**	**0.85**
Field Parameters										
Temperature	deg C		**27.3**	**22.18**	**13.78**	**16.5**	**16.5**	**18.64**	**16.5**	**16.59**
Specific Conductance	uS/cm		**1228**	**1019.8**	**1240**	**917**	**733**	**472.52**	**689**	**562.37**
Dissolved Oxygen	mg/L		**0.13**	**0.18**	**0.3**	**0.51**	**0.13**	**0.14**	**0.18**	**0.1**
pH	pH units		**6.62**	**6.83**	**6.97**	**6.79**	**6.75**	**6.91**	**6.99**	**7.04**
Oxidation Reduction Potential	mV		**-26**	**-67.9**	**44.9**	**-7.00**	**55.2**	**-87.2**	**-62.5**	**-30.5**
Turbidity	NTU		**4.63**	**5.41**	**2.24**	**7.00**	**16.7**	**4.85**	**5.65**	**18.8**

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Table 1. Groundwater Analytical Results

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		Sample Event	Post-ERH Operation			Post-ERH Operation		
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-7 06/22/2022 MW-7-062222	MW-7 10/06/2022 MW-7-100622	MW-7 01/03/2023 MW-7-010323	MW-8 06/22/2022 MW-8-062222	MW-8 10/06/2022 MW-8-100622	MW-8 01/04/2023 MW-8-010423
PAHs								
Naphthalene	ug/L	160	< 1.0 U	< 1.0 U	< 1 U	< 1.0 U	< 1.0 U	< 1 U
TPHs								
Gasoline Range Organics	ug/L	1000	--	--	--	--	--	--
VOCs								
cis-1,2-Dichloroethene (cDCE)	ug/L	16	< 0.20 U	< 0.20 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.2 U
Tetrachloroethene (PCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.2 U
Trichloroethene (TCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.2 U
Vinyl Chloride	ug/L	0.2	< 0.20 U	< 0.20 U	**0.19**	< 0.20 U	< 0.20 U	< 0.1 U
Field Parameters								
Temperature	deg C		**15.7**	**17.76**	**16.16**	**17.2**	**19.94**	**17.82**
Specific Conductance	uS/cm		**1166**	**834.9**	**1178.4**	**1380**	**865.16**	**1301.9**
Dissolved Oxygen	mg/L		**0.56**	**0.1**	**0.35**	**0.58**	**1.06**	**0.18**
pH	pH units		**6.61**	**6.46**	**6.74**	**6.74**	**6.83**	**6.98**
Oxidation Reduction Potential	mV		**-40.3**	**-69.3**	**-38.8**	**-67.7**	**-71.5**	**-83.2**
Turbidity	NTU		**64.2**	**62.5**	**5.75**	**5.72**	**2.65**	**1.78**

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Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation			Baseline	ERH Operation	
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-9 06/22/2022 MW-9-062222	MW-9 10/06/2022 MW-9-100622	MW-9 01/03/2023 MW-9-010323	MW-10 11/20/2019 MW-10-112019	MW-10 01/12/2022 MW-10-011222	MW-10 01/26/2022 MW-10-012622
PAHs								
Naphthalene	ug/L	160	< 1.0 U	< 1.0 U	< 1 U	< 1.3 U	**170**	**130**
TPHs								
Gasoline Range Organics	ug/L	1000	--	--	--	**110**	< 100 U	--
VOCs								
cis-1,2-Dichloroethene (cDCE)	ug/L	16	< 0.20 U	< 0.20 U	< 0.2 U	**38**	**32**	**44**
Tetrachloroethene (PCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	**1.5**	**4**	< 4.0 U
Trichloroethene (TCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	**2.2**	**5.6**	< 4.0 U
Vinyl Chloride	ug/L	0.2	< 0.20 U	< 0.20 U	< 0.1 U	**1.4**	< 2.0 U	< 4.0 U
Field Parameters								
Temperature	deg C		**16.3**	**18.66**	**15.16**	**15.2**	**33.7**	**38.8**
Specific Conductance	uS/cm		**683**	**636.32**	**689.29**	**647**	**401.6**	**574**
Dissolved Oxygen	mg/L		**1.14**	**1.08**	**2.63**	**0.29**	**0.39**	**1.11**
pH	pH units		**6.7**	**6.66**	**6.83**	**6.54**	**5.77**	**5.99**
Oxidation Reduction Potential	mV		**8.8**	**81.8**	**33.1**	**39.1**	**-15**	**65.6**
Turbidity	NTU		**3.95**	**3.34**	**1.53**	**6.49**	**2.35**	**7.15**

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Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation				Baseline	ERH Operation	
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-10 06/21/2022 MW-10-062122	MW-10 10/06/2022 MW-10-100622	MW-10 01/04/2023 MW-10-010423	MW-10 04/05/2023 MW-10-040523	MW-11 11/20/2019 MW-11-112019	MW-11 12/02/2021 MW-11-120221	MW-11 12/16/2021 MW-11-121621
PAHs									
Naphthalene	ug/L	160	**270**	**190**	**97**	**55**	< 1.3 U	< 10 U	< 10 UJ
TPHs									
Gasoline Range Organics	ug/L	1000	< 500 U	< 500 U	< 500 U	--	< 100 U	--	--
VOCs									
cis-1,2-Dichloroethene (cDCE)	ug/L	16	**2.8**	**1.5**	< 0.4 U	< 0.4 U	**5.8**	**7.3**	**2.5 J**
Tetrachloroethene (PCE)	ug/L	5	< 1.0 U	< 0.80 U	< 0.4 U	< 0.4 U	**11**	**6.5**	**2.5 J**
Trichloroethene (TCE)	ug/L	5	< 1.0 U	< 0.80 U	< 0.4 U	< 0.4 U	**2.5**	**5.7**	**2.1 J**
Vinyl Chloride	ug/L	0.2	< 1.0 U	< 0.80 U	< 0.2 U	< 0.04 U	< 0.20 U	< 2.0 U	< 2.0 UJ
Field Parameters									
Temperature	deg C		**13.6**	**12.84**	**13.59**	**16.69**	**14.6**	**41.3**	--
Specific Conductance	uS/cm		**999**	**976.47**	**966.67**	**1382.8**	**645**	**907**	--
Dissolved Oxygen	mg/L		**0.33**	**0.05**	**0.1**	**0.15**	**0.5**	**2.18**	--
pH	pH units		**6.65**	**6.46**	**6.75**	**7.07**	**6.32**	**6.04**	--
Oxidation Reduction Potential	mV		**-8.1**	**-138.9**	**-36.7**	**-39.6**	**31.8**	**-12.4**	--
Turbidity	NTU		**5.07**	**10**	**3.47**	**6.58**	**8.02**	**7.89**	--

Notes:

Bold - detected

Yellow Shaded - Detected result exceeded screening level

Blue Shaded - Non-detected RL exceeded screening level

U - Analyte not detected at or above Reporting Limit (RL) shown

J - Result value estimated

UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

X - Chromatographic pattern does not match fuel standard used for quan

"--" - indicates results not available

Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation			Baseline	ERH Operation	
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-11 06/21/2022 MW-11-062122	MW-11 10/07/2022 MW-11-100722	MW-11 01/03/2023 MW-11-010323	MW-12 11/20/2019 MW-12-112019	MW-12 12/02/2021 MW-12-120221	MW-12 12/16/2021 MW-12-121621
PAHs								
Naphthalene	ug/L	160	< 1.0 U	< 1.0 U	< 1 U	< 1.3 U	< 1.0 U	< 2.0 UJ
TPHs								
Gasoline Range Organics	ug/L	1000	--	--	--	< 100 U	--	--
VOCs								
cis-1,2-Dichloroethene (cDCE)	ug/L	16	**0.32**	< 0.20 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.40 UJ
Tetrachloroethene (PCE)	ug/L	5	**0.26**	< 0.20 U	< 0.2 U	**3.2**	**22**	**3.9 J**
Trichloroethene (TCE)	ug/L	5	**0.36**	< 0.20 U	< 0.2 U	< 0.20 U	**0.51**	< 0.40 UJ
Vinyl Chloride	ug/L	0.2	< 0.20 U	< 0.20 U	< 0.1 U	< 0.20 U	< 0.20 U	< 0.40 UJ
Field Parameters								
Temperature	deg C		**15.6**	**16.32**	**24.17**	**15.3**	**23.4**	--
Specific Conductance	uS/cm		**434**	**472.52**	**942.85**	**663**	**689**	--
Dissolved Oxygen	mg/L		**0.5**	**0.21**	**0.18**	**1.32**	**1.09**	--
pH	pH units		**6.28**	**7.04**	**6.82**	**6.26**	**5.83**	--
Oxidation Reduction Potential	mV		**-29.3**	**-39.8**	**-90.6**	**38.4**	**-2.7**	--
Turbidity	NTU		**2.65**	**5.7**	**2.47**	**10.2**	**4.1**	--

Notes:

Bold - detected

Yellow Shaded - Detected result exceeded screening level

Blue Shaded - Non-detected RL exceeded screening level

U - Analyte not detected at or above Reporting Limit (RL) shown

J - Result value estimated

UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

X - Chromatographic pattern does not match fuel standard used for quan

"--" - indicates results not available

Table 1. Groundwater Analytical Results

Project No. 060172, Spic'n Span Cleaners, Seattle, Washington

		Sample Event	Post-ERH Operation			ERH Operation	Post-ERH Operation		
Analyte	Unit	Site Groundwater Cleanup Level (ug/L)	MW-12 06/21/2022 MW-12-062122	MW-12 10/07/2022 MW-12-100722	MW-12 01/03/2023 MW-12-010323	VE-1R 01/12/2022 VE-1R-011222	VE-1R 06/21/2022 VE-1R-062122	VE-1R 10/06/2022 VE-1R-100622	VE-1R 01/04/2023 VE-1R-010423
PAHs									
Naphthalene	ug/L	160	< 1.0 U	< 1.0 U	< 1 U	**96**	**72**	**33**	**56**
TPHs									
Gasoline Range Organics	ug/L	1000	--	--	--	**180 X**	< 500 U	< 500 U	< 500 U
VOCs									
cis-1,2-Dichloroethene (cDCE)	ug/L	16	< 0.20 U	< 0.20 U	< 0.2 U	< 2.0 U	**0.58**	< 0.20 U	< 0.4 U
Tetrachloroethene (PCE)	ug/L	5	**2.1**	**2.1**	**1.2**	< 2.0 U	< 0.40 U	< 0.20 U	< 0.4 U
Trichloroethene (TCE)	ug/L	5	< 0.20 U	< 0.20 U	< 0.2 U	< 2.0 U	< 0.40 U	< 0.20 U	< 0.4 U
Vinyl Chloride	ug/L	0.2	< 0.20 U	< 0.20 U	< 0.1 U	< 2.0 U	< 0.40 U	< 0.20 U	< 0.2 U
Field Parameters									
Temperature	deg C		**18**	**10.16**	**19.09**	**54**	**15.7**	**12.03**	**9.66**
Specific Conductance	uS/cm		**709**	**612.68**	**808.84**	**435**	**536.4**	**591.33**	**932.69**
Dissolved Oxygen	mg/L		**6.9**	**0.22**	**0.43**	**0.11**	**0.51**	**0.43**	**0.22**
pH	pH units		**6.28**	**6.18**	**6.48**	**6.32**	**6.45**	**6.45**	**7.06**
Oxidation Reduction Potential	mV		**16.3**	**127.2**	**1.8**	**-134.9**	**-4**	**-208.7**	**39**
Turbidity	NTU		**5.99**	**14.3**	**2.59**	**1.82**	**76.9**	**12.8**	**2.31**

Notes:

Bold - detected

Yellow Shaded - Detected result exceeded screening level

Blue Shaded - Non-detected RL exceeded screening level

U - Analyte not detected at or above Reporting Limit (RL) shown

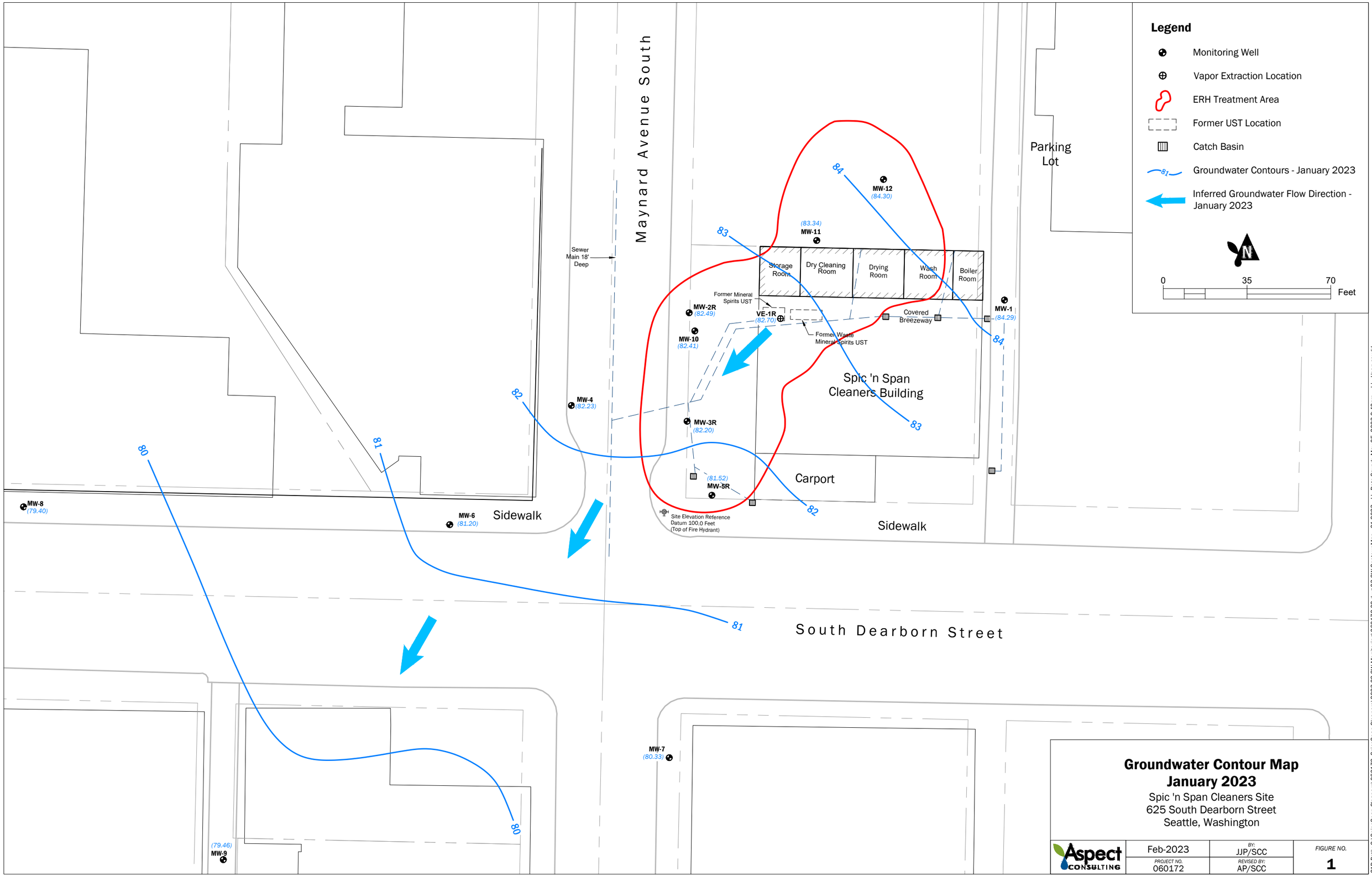
J - Result value estimated

UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

X - Chromatographic pattern does not match fuel standard used for quan

"--" - indicates results not available

FIGURE


Maynard Avenue South
Parking Lot
Sewer Main 18' Deep
MW-12 (84.30)
(83.34) MW-11
Storage Room
Dry Cleaning Room
Drying Room
Wash Room
Boiler Room
Former Mineral Spirits UST
MW-2R (82.49)
VE-1R (82.70)
MW-1 (84.29)
Covered Breezeway
Former Waste Mineral Spirits UST
MW-10 (82.41)
Spic 'n Span Cleaners Building
MW-4 (82.23)
MW-3R (82.20)
(81.52) MW-5R
Carport
Site Elevation Reference Datum 100.0 Feet (Top of Fire Hydrant)
MW-8 (79.40)
MW-6 (81.20)
Sidewalk
Sidewalk
South Dearborn Street
MW-7 (80.33)
(79.46) MW-9
84
83
82
81
80
Legend
Monitoring Well
Vapor Extraction Location
ERH Treatment Area
Former UST Location
Catch Basin
Groundwater Contours - January 2023
Inferred Groundwater Flow Direction - January 2023
N
0
35
70
Feet
Groundwater Contour Map
January 2023
Spic 'n Span Cleaners Site
625 South Dearborn Street
Seattle, Washington
Aspect CONSULTING
Feb-2023
PROJECT NO. 060172
BY: JJP/SCC
REVISED BY: AP/SCC
FIGURE NO. 1
CAD Path: Q:\SpicnSpan Cleaners\060172 SpicnSpan Cleaners\2023-02 GW Monitoring\060172-02.dwg 03 GW Contour Map - 01-2023 || Date Saved: May 05, 2023 2:40pm || User: scudd

APPENDIX A

Laboratory Reports

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 1, 2022

Delia Massey
Aspect Consulting
Dexter Horton Building
710 2nd Avenue, Suite 550
Seattle, WA 98104

Re: Analytical Data for Project 060172
Laboratory Reference No. 2206-237

Dear Delia:

Enclosed are the analytical results and associated quality control data for samples submitted on June 22, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

Case Narrative

Samples were collected on June 21, 22, 2022 and received by the laboratory on June 22, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH-Gx Analysis

The chromatogram for sample MW-3R-062122 is not similar to a typical gas.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-062122**					
Laboratory ID:	06-237-01					
Gasoline	**ND**	500	NWTPH-Gx	6-27-22	6-27-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*77*	*65-122*				
Client ID:	**MW-2R-062122**					
Laboratory ID:	06-237-03					
Gasoline	**ND**	500	NWTPH-Gx	6-27-22	6-27-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*77*	*65-122*				
Client ID:	**MW-3R-062122**					
Laboratory ID:	06-237-04					
Gasoline	**720**	500	NWTPH-Gx	6-27-22	6-27-22	T
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*76*	*65-122*				
Client ID:	**MW-10-062122**					
Laboratory ID:	06-237-11					
Gasoline	**ND**	500	NWTPH-Gx	6-27-22	6-27-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*65-122*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0627W1					
Gasoline	**ND**	100	NWTPH-Gx	6-27-22	6-27-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-263-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*78*	*79*	*65-122*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-062122**					
Laboratory ID:	06-237-01					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	3.0	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	6.4	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	20	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	24	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	2.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	2.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	0.58	0.40	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Benzene	0.96	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	6-28-22	6-28-22	
Toluene	5.4	2.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-062122**					
Laboratory ID:	06-237-01					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	4.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	0.84	0.80	EPA 8260D	6-28-22	6-28-22	
o-Xylene	0.43	0.40	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	0.67	0.40	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	2.2	0.40	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	1.9	0.40	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	72	2.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*75-127*				
Toluene-d8	*103*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1-062122**					
Laboratory ID:	06-237-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	0.38	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1-062122**					
Laboratory ID:	06-237-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	1.4	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	0.30	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	1.4	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*122*	*75-127*				
Toluene-d8	*91*	*80-127*				
4-Bromofluorobenzene	*91*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-062122**					
Laboratory ID:	06-237-03					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	3.0	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	0.82	0.40	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	6.4	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	20	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	24	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	2.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	2.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	10	0.40	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Benzene	0.90	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	0.84	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	6-28-22	6-28-22	
Toluene	2.4	2.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	

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Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-062122**					
Laboratory ID:	06-237-03					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	4.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	0.46	0.40	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	0.93	0.80	EPA 8260D	6-28-22	6-28-22	
o-Xylene	0.56	0.40	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	0.62	0.40	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	2.2	0.40	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	1.3	0.40	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	0.55	0.40	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	85	2.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*88*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-062122**					
Laboratory ID:	06-237-04					
Dichlorodifluoromethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	75	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	160	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	50	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	10	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	10	EPA 8260D	6-28-22	6-28-22	
Acetone	2000	500	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	600	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	10	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	50	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	10	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	10	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	50	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	10	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	10	EPA 8260D	6-28-22	6-28-22	
2-Butanone	630	250	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	10	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	10	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	10	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	10	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	10	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	10	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	100	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	50	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	10	EPA 8260D	6-28-22	6-28-22	

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Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-062122**					
Laboratory ID:	06-237-04					
1,1,2-Trichloroethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	10	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	100	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	10	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	20	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	10	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	50	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	10	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	10	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	50	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	10	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	50	EPA 8260D	6-28-22	6-28-22	
Naphthalene	150	50	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	50	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*113*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*89*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-062222**					
Laboratory ID:	06-237-05					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	3.0	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	6.9	0.40	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	6.4	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	20	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	24	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	2.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	2.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	36	0.40	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	10	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Benzene	0.65	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	6-28-22	6-28-22	

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-062222**					
Laboratory ID:	06-237-05					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	4.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.80	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*112*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*90*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5R-062222**					
Laboratory ID:	06-237-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	0.26	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	0.31	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	15	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5R-062222**					
Laboratory ID:	06-237-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	1.9	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	5.6	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*110*	*75-127*				
Toluene-d8	*86*	*80-127*				
4-Bromofluorobenzene	*91*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-062222**					
Laboratory ID:	06-237-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	0.63	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	0.31	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-062222**					
Laboratory ID:	06-237-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*115*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*82*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-062222**					
Laboratory ID:	06-237-08					
Dichlorodifluoromethane	5.2	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-062222**					
Laboratory ID:	06-237-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*112*	*75-127*				
Toluene-d8	*91*	*80-127*				
4-Bromofluorobenzene	*82*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8-062222**					
Laboratory ID:	06-237-09					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8-062222**					
Laboratory ID:	06-237-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*112*	*75-127*				
Toluene-d8	*102*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-062222**					
Laboratory ID:	06-237-10					
Dichlorodifluoromethane	0.60	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Samples Submitted: June 22, 2022
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Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-062222**					
Laboratory ID:	06-237-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*111*	*75-127*				
Toluene-d8	*105*	*80-127*				
4-Bromofluorobenzene	*88*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-062122**					
Laboratory ID:	06-237-11					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	7.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	16	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	50	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	60	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	5.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	5.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	2.8	1.0	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	25	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	10	EPA 8260D	6-28-22	6-28-22	
Toluene	11	5.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260D	6-28-22	6-28-22	

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Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-062122**					
Laboratory ID:	06-237-11					
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	10	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	2.0	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	8.0	1.0	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	270	20	EPA 8260D	6-29-22	6-29-22	
1,2,3-Trichlorobenzene	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*89*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-062122**					
Laboratory ID:	06-237-12					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Chloromethane	ND	1.7	EPA 8260D	6-29-22	6-29-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromomethane	ND	3.3	EPA 8260D	6-29-22	6-29-22	
Chloroethane	ND	1.3	EPA 8260D	6-29-22	6-29-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Acetone	ND	10	EPA 8260D	6-29-22	6-29-22	
Iodomethane	ND	14	EPA 8260D	6-29-22	6-29-22	
Carbon Disulfide	ND	0.28	EPA 8260D	6-29-22	6-29-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-29-22	6-29-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Methyl t-Butyl Ether	ND	0.25	EPA 8260D	6-29-22	6-29-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-29-22	6-29-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
(cis) 1,2-Dichloroethene	0.32	0.20	EPA 8260D	6-29-22	6-29-22	
2-Butanone	ND	5.0	EPA 8260D	6-29-22	6-29-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Chloroform	2.3	0.20	EPA 8260D	6-29-22	6-29-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Benzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Trichloroethene	0.36	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Dibromomethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-29-22	6-29-22	
Toluene	ND	1.0	EPA 8260D	6-29-22	6-29-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-29-22	6-29-22	

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Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-062122**					
Laboratory ID:	06-237-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Tetrachloroethene	0.26	0.20	EPA 8260D	6-29-22	6-29-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
2-Hexanone	ND	2.0	EPA 8260D	6-29-22	6-29-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-29-22	6-29-22	
o-Xylene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Styrene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromoform	ND	1.0	EPA 8260D	6-29-22	6-29-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-29-22	6-29-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-29-22	6-29-22	
Naphthalene	ND	1.0	EPA 8260D	6-29-22	6-29-22	
1,2,3-Trichlorobenzene	ND	0.26	EPA 8260D	6-29-22	6-29-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*117*	*75-127*				
Toluene-d8	*84*	*80-127*				
4-Bromofluorobenzene	*91*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-062122**					
Laboratory ID:	06-237-13					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	0.20	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	5.2	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Laboratory Reference: 2206-237
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-062122**					
Laboratory ID:	06-237-13					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	2.1	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*113*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*92*	*78-125*				

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0628W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloromethane	ND	1.5	EPA 8260D	6-28-22	6-28-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromomethane	ND	3.2	EPA 8260D	6-28-22	6-28-22	
Chloroethane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Acetone	ND	10	EPA 8260D	6-28-22	6-28-22	
Iodomethane	ND	12	EPA 8260D	6-28-22	6-28-22	
Carbon Disulfide	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-28-22	6-28-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Butanone	ND	5.0	EPA 8260D	6-28-22	6-28-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chloroform	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Benzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Trichloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Dibromomethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Toluene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-28-22	6-28-22	

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Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0628W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Hexanone	ND	2.0	EPA 8260D	6-28-22	6-28-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-28-22	6-28-22	
o-Xylene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Styrene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromoform	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Bromobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-28-22	6-28-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Naphthalene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	6-28-22	6-28-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*114*	*75-127*				
Toluene-d8	*120*	*80-127*				
4-Bromofluorobenzene	*92*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0629W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Chloromethane	ND	1.7	EPA 8260D	6-29-22	6-29-22	
Vinyl Chloride	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromomethane	ND	3.3	EPA 8260D	6-29-22	6-29-22	
Chloroethane	ND	1.3	EPA 8260D	6-29-22	6-29-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Acetone	ND	10	EPA 8260D	6-29-22	6-29-22	
Iodomethane	ND	14	EPA 8260D	6-29-22	6-29-22	
Carbon Disulfide	ND	0.28	EPA 8260D	6-29-22	6-29-22	
Methylene Chloride	ND	1.0	EPA 8260D	6-29-22	6-29-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Methyl t-Butyl Ether	ND	0.25	EPA 8260D	6-29-22	6-29-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Vinyl Acetate	ND	1.0	EPA 8260D	6-29-22	6-29-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
2-Butanone	ND	5.0	EPA 8260D	6-29-22	6-29-22	
Bromochloromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Chloroform	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Benzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Trichloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Dibromomethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromodichloromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-29-22	6-29-22	
Toluene	ND	1.0	EPA 8260D	6-29-22	6-29-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-29-22	6-29-22	

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Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0629W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Tetrachloroethene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
2-Hexanone	ND	2.0	EPA 8260D	6-29-22	6-29-22	
Dibromochloromethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Chlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Ethylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
m,p-Xylene	ND	0.40	EPA 8260D	6-29-22	6-29-22	
o-Xylene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Styrene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromoform	ND	1.0	EPA 8260D	6-29-22	6-29-22	
Isopropylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Bromobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-29-22	6-29-22	
n-Propylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
n-Butylbenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-29-22	6-29-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	6-29-22	6-29-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	6-29-22	6-29-22	
Naphthalene	ND	1.0	EPA 8260D	6-29-22	6-29-22	
1,2,3-Trichlorobenzene	ND	0.26	EPA 8260D	6-29-22	6-29-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*113*	*75-127*				
Toluene-d8	*93*	*80-127*				
4-Bromofluorobenzene	*94*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 1, 2022
Samples Submitted: June 22, 2022
Laboratory Reference: 2206-237
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0628W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.8**	**10.3**	10.0	10.0	108	103	78-125	5	19	
Benzene	**9.74**	**9.53**	10.0	10.0	97	95	80-121	2	16	
Trichloroethene	**9.39**	**10.2**	10.0	10.0	94	102	80-122	8	18	
Toluene	**8.85**	**9.54**	10.0	10.0	89	95	80-120	8	18	
Chlorobenzene	**10.6**	**10.6**	10.0	10.0	106	106	80-120	0	17	
Surrogate:										
Dibromofluoromethane					*116*	*113*	*75-127*			
Toluene-d8					*93*	*96*	*80-127*			
4-Bromofluorobenzene					*99*	*90*	*78-125*			
Laboratory ID:	SB0629W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**9.08**	**9.77**	10.0	10.0	91	98	78-125	7	19	
Benzene	**9.45**	**9.24**	10.0	10.0	95	92	80-121	2	16	
Trichloroethene	**9.50**	**8.95**	10.0	10.0	95	90	80-122	6	18	
Toluene	**9.24**	**10.1**	10.0	10.0	92	101	80-120	9	18	
Chlorobenzene	**10.0**	**10.3**	10.0	10.0	100	103	80-120	3	17	
Surrogate:										
Dibromofluoromethane					*114*	*112*	*75-127*			
Toluene-d8					*96*	*107*	*80-127*			
4-Bromofluorobenzene					*100*	*80*	*78-125*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical gas.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Aspect Consulting
Project Number: 060172
Project Name: SPIC N SPAN
Project Manager: Delia Massey
Sampled by: Ashley Prawo & Harmen Tappero

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 06-237

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	VE-1R-062122	6/21/22	1240	W	6			X		X																	
2	MW-1-062122	6/21/22	1028		3																						
3	MW-2R-062122	6/21/22	1455		6			X																			
4	MW-3R-062122	6/21/22	1345		6			X																			
5	MW-4-062222	6/22/22	1010		3																						
6	MW-5R-062222	6/22/22	1005		3																						
7	MW-6-062222	6/22/22	1130		3																						
8	MW-7-062222	6/22/22	1115		3																						
9	MW-8-062222	"	1210		3																						
10	MW-9-062222	"	1255		3					↓																	

	Signature	Company	Date	Time
Relinquished	Ashley Prawo	Aspect Consulting	6/22/22	1717
Received	Nicole Shin	OSE	6/22/22	1717
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 06-237

Company: Aspect Consulting
Project Number: 060172
Project Name: SPIC N SPAN
Project Manager: Delia Massey
Sampled by: Ashley Provow / Carmen Tappero

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	MW-10-062122	6/21/22	1420	~~GW~~	6			X		X													
12	MW-11-062122	6/21/22	1522	~~GW~~	3					↓													
13	MW-12-062122	6/21/22	1550	~~GW~~	3					↓													

	Signature	Company	Date	Time
Relinquished	[signature]	Aspect Consulting	6/22/22	1717
Received	Nicolle Shin	OSE	6/22/22	1717
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 14, 2022

Delia Massey
Aspect Consulting
Dexter Horton Building
710 2nd Avenue, Suite 550
Seattle, WA 98104

Re: Analytical Data for Project 060172
Laboratory Reference No. 2210-078

Dear Delia:

Enclosed are the analytical results and associated quality control data for samples submitted on October 7, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

Case Narrative

Samples were collected on October 6 and 7, 2022 and received by the laboratory on October 7, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-100722**					
Laboratory ID:	10-078-02					
Gasoline	**ND**	500	NWTPH-Gx	10-12-22	10-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*85*	*65-122*				
Client ID:	**MW-3R-100622**					
Laboratory ID:	10-078-03					
Gasoline	**ND**	500	NWTPH-Gx	10-12-22	10-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-122*				
Client ID:	**MW-10-100622**					
Laboratory ID:	10-078-10					
Gasoline	**ND**	500	NWTPH-Gx	10-12-22	10-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*65-122*				
Client ID:	**VE-1R-100622**					
Laboratory ID:	10-078-13					
Gasoline	**ND**	500	NWTPH-Gx	10-12-22	10-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*65-122*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1012W2					
Gasoline	**ND**	100	NWTPH-Gx	10-12-22	10-12-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-076-02										
	ORIG	DUP									
Gasoline	**195**	**181**	NA	NA		NA		NA	7	30	
Surrogate:											
Fluorobenzene						*99*	*99*	*65-122*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1-100722**					
Laboratory ID:	10-078-01					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	0.72	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1-100722**					
Laboratory ID:	10-078-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	2.9	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-100722**					
Laboratory ID:	10-078-02					
Dichlorodifluoromethane	ND	0.54	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	2.6	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	0.55	0.40	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	3.8	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	10	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	14	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	2.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	2.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	4.6	0.40	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	10	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Benzene	0.60	0.40	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	0.67	0.40	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	10-13-22	10-13-22	
Toluene	2.1	2.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	10-13-22	10-13-22	

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Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-100722**					
Laboratory ID:	10-078-02					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	4.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	0.65	0.40	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	1.2	0.80	EPA 8260D	10-13-22	10-13-22	
o-Xylene	0.74	0.40	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	1.0	0.40	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	0.47	0.40	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	3.1	0.40	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	0.47	0.40	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	1.3	0.40	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	0.42	0.40	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	82	2.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*79*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-100622**					
Laboratory ID:	10-078-03					
Dichlorodifluoromethane	ND	1.4	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	6.5	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	9.5	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	25	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	36	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	5.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	5.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	25	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	10	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	5.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260D	10-13-22	10-13-22	

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Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-100622**					
Laboratory ID:	10-078-03					
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	10	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	2.0	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	2.9	1.0	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	220	5.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-100622**					
Laboratory ID:	10-078-04					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	19	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	0.30	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	0.27	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	11	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	1.8	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	0.49	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-100622**					
Laboratory ID:	10-078-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	0.28	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*78*	*75-127*				
Toluene-d8	*94*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5R-100722**					
Laboratory ID:	10-078-05					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	0.26	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5R-100722**					
Laboratory ID:	10-078-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	2.2	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	4.2	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-100622**					
Laboratory ID:	10-078-06					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	0.49	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	0.26	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-100622**					
Laboratory ID:	10-078-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*80*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-100622**					
Laboratory ID:	10-078-07					
Dichlorodifluoromethane	6.8	0.27	EPA 8260D	10-13-22	10-13-22	Y
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-100622**					
Laboratory ID:	10-078-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8-100622**					
Laboratory ID:	10-078-08					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8-100622**					
Laboratory ID:	10-078-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*80*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-100622**					
Laboratory ID:	10-078-09					
Dichlorodifluoromethane	0.48	0.27	EPA 8260D	10-13-22	10-13-22	Y
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Laboratory Reference: 2210-078
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-100622**					
Laboratory ID:	10-078-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-100622**					
Laboratory ID:	10-078-10					
Dichlorodifluoromethane	ND	1.1	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	5.2	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	7.6	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	4.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	20	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	28	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	4.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	4.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	1.5	0.80	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	20	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	8.0	EPA 8260D	10-13-22	10-13-22	
Toluene	8.7	4.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.80	EPA 8260D	10-13-22	10-13-22	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-100622**					
Laboratory ID:	10-078-10					
1,1,2-Trichloroethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	8.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	1.6	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	4.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.80	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	5.5	0.80	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	4.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	4.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	190	4.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.80	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-100722**					
Laboratory ID:	10-078-11					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	4.0	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-100722**					
Laboratory ID:	10-078-11					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-100722**					
Laboratory ID:	10-078-12					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	2.9	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-100722**					
Laboratory ID:	10-078-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	2.1	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*81*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-100622**					
Laboratory ID:	10-078-13					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	1.8	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	0.51	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	2.3	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Laboratory Reference: 2210-078
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-100622**					
Laboratory ID:	10-078-13					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	0.48	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	0.24	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	0.38	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	1.1	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	0.47	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	33	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*80*	*75-127*				
Toluene-d8	*95*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: October 14, 2022
Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013W2					
Dichlorodifluoromethane	ND	0.27	EPA 8260D	10-13-22	10-13-22	
Chloromethane	ND	1.3	EPA 8260D	10-13-22	10-13-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromomethane	ND	1.9	EPA 8260D	10-13-22	10-13-22	
Chloroethane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Acetone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Iodomethane	ND	7.1	EPA 8260D	10-13-22	10-13-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-13-22	10-13-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Butanone	ND	5.0	EPA 8260D	10-13-22	10-13-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chloroform	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Benzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Trichloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Dibromomethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Toluene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-13-22	10-13-22	

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Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013W2					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Hexanone	ND	2.0	EPA 8260D	10-13-22	10-13-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-13-22	10-13-22	
o-Xylene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Styrene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromoform	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Bromobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
Naphthalene	ND	1.0	EPA 8260D	10-13-22	10-13-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-13-22	10-13-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*82*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1013W2									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**7.50**	**7.66**	10.0	10.0	75	77	34-166	2	21	
Chloromethane	**7.46**	**7.66**	10.0	10.0	75	77	63-138	3	18	
Vinyl Chloride	**8.02**	**8.19**	10.0	10.0	80	82	71-135	2	20	
Bromomethane	**5.29**	**6.26**	10.0	10.0	53	63	20-151	17	36	
Chloroethane	**8.36**	**8.67**	10.0	10.0	84	87	76-125	4	20	
Trichlorofluoromethane	**8.86**	**9.17**	10.0	10.0	89	92	75-131	3	19	
1,1-Dichloroethene	**8.88**	**9.04**	10.0	10.0	89	90	78-125	2	19	
Acetone	**8.37**	**8.93**	10.0	10.0	84	89	76-125	6	18	
Iodomethane	**7.00**	**7.38**	10.0	10.0	70	74	10-155	5	40	
Carbon Disulfide	**9.10**	**9.45**	10.0	10.0	91	95	58-129	4	17	
Methylene Chloride	**8.74**	**8.99**	10.0	10.0	87	90	80-120	3	15	
(trans) 1,2-Dichloroethene	**8.87**	**9.02**	10.0	10.0	89	90	80-125	2	17	
Methyl t-Butyl Ether	**8.97**	**9.31**	10.0	10.0	90	93	80-122	4	15	
1,1-Dichloroethane	**8.98**	**9.24**	10.0	10.0	90	92	80-125	3	17	
Vinyl Acetate	**9.28**	**9.64**	10.0	10.0	93	96	80-131	4	15	
2,2-Dichloropropane	**10.1**	**10.4**	10.0	10.0	101	104	80-146	3	21	
(cis) 1,2-Dichloroethene	**9.11**	**9.43**	10.0	10.0	91	94	80-129	3	17	
2-Butanone	**9.29**	**10.1**	10.0	10.0	93	101	80-129	8	16	
Bromochloromethane	**9.06**	**9.45**	10.0	10.0	91	95	80-125	4	18	
Chloroform	**8.83**	**9.09**	10.0	10.0	88	91	80-123	3	16	
1,1,1-Trichloroethane	**8.91**	**9.20**	10.0	10.0	89	92	80-123	3	18	
Carbon Tetrachloride	**9.09**	**9.43**	10.0	10.0	91	94	80-126	4	17	
1,1-Dichloropropene	**8.84**	**9.22**	10.0	10.0	88	92	80-126	4	18	
Benzene	**8.81**	**9.08**	10.0	10.0	88	91	80-121	3	16	
1,2-Dichloroethane	**9.04**	**9.29**	10.0	10.0	90	93	80-124	3	15	
Trichloroethene	**10.3**	**10.8**	10.0	10.0	103	108	80-122	5	18	
1,2-Dichloropropane	**10.6**	**11.1**	10.0	10.0	106	111	80-123	5	15	
Dibromomethane	**11.1**	**11.5**	10.0	10.0	111	115	80-123	4	15	
Bromodichloromethane	**10.8**	**11.3**	10.0	10.0	108	113	80-125	5	15	
(cis) 1,3-Dichloropropene	**11.0**	**11.5**	10.0	10.0	110	115	80-129	4	15	
Methyl Isobutyl Ketone	**10.9**	**11.5**	10.0	10.0	109	115	80-124	5	15	
Toluene	**9.95**	**10.4**	10.0	10.0	100	104	80-120	4	18	
(trans) 1,3-Dichloropropene	**11.2**	**11.6**	10.0	10.0	112	116	80-134	4	17	

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Samples Submitted: October 7, 2022
Laboratory Reference: 2210-078
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1013W2									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**10.7**	**11.1**	10.0	10.0	107	111	77-126	4	20	
Tetrachloroethene	**10.5**	**10.9**	10.0	10.0	105	109	80-124	4	18	
1,3-Dichloropropane	**10.7**	**11.1**	10.0	10.0	107	111	80-120	4	15	
2-Hexanone	**10.9**	**11.7**	10.0	10.0	109	117	80-130	7	16	
Dibromochloromethane	**11.2**	**11.7**	10.0	10.0	112	117	80-128	4	15	
1,2-Dibromoethane	**11.1**	**11.5**	10.0	10.0	111	115	80-127	4	15	
Chlorobenzene	**10.5**	**10.9**	10.0	10.0	105	109	80-120	4	17	
1,1,1,2-Tetrachloroethane	**10.8**	**11.3**	10.0	10.0	108	113	80-125	5	17	
Ethylbenzene	**10.6**	**11.1**	10.0	10.0	106	111	80-125	5	18	
m,p-Xylene	**21.1**	**22.0**	20.0	20.0	106	110	80-127	4	18	
o-Xylene	**10.6**	**11.1**	10.0	10.0	106	111	80-126	5	18	
Styrene	**11.1**	**11.7**	10.0	10.0	111	117	80-130	5	17	
Bromoform	**10.8**	**11.3**	10.0	10.0	108	113	80-130	5	15	
Isopropylbenzene	**10.8**	**11.3**	10.0	10.0	108	113	80-129	5	18	
Bromobenzene	**10.4**	**11.0**	10.0	10.0	104	110	76-128	6	16	
1,1,2,2-Tetrachloroethane	**10.7**	**11.1**	10.0	10.0	107	111	74-130	4	15	
1,2,3-Trichloropropane	**10.7**	**11.1**	10.0	10.0	107	111	71-129	4	25	
n-Propylbenzene	**10.6**	**11.0**	10.0	10.0	106	110	80-129	4	19	
2-Chlorotoluene	**10.4**	**10.7**	10.0	10.0	104	107	80-128	3	18	
4-Chlorotoluene	**10.5**	**10.7**	10.0	10.0	105	107	80-130	2	19	
1,3,5-Trimethylbenzene	**10.5**	**10.9**	10.0	10.0	105	109	80-131	4	18	
tert-Butylbenzene	**10.4**	**10.8**	10.0	10.0	104	108	80-130	4	18	
1,2,4-Trimethylbenzene	**10.4**	**11.0**	10.0	10.0	104	110	80-130	6	18	
sec-Butylbenzene	**10.6**	**11.1**	10.0	10.0	106	111	80-130	5	18	
1,3-Dichlorobenzene	**10.4**	**10.8**	10.0	10.0	104	108	80-126	4	17	
p-Isopropyltoluene	**10.7**	**11.3**	10.0	10.0	107	113	80-132	5	18	
1,4-Dichlorobenzene	**10.1**	**10.6**	10.0	10.0	101	106	80-121	5	17	
1,2-Dichlorobenzene	**10.3**	**10.8**	10.0	10.0	103	108	79-125	5	15	
n-Butylbenzene	**11.1**	**11.7**	10.0	10.0	111	117	80-138	5	19	
1,2-Dibromo-3-chloropropane	**10.0**	**10.9**	10.0	10.0	100	109	73-133	9	15	
1,2,4-Trichlorobenzene	**10.5**	**11.0**	10.0	10.0	105	110	80-139	5	18	
Hexachlorobutadiene	**10.6**	**11.4**	10.0	10.0	106	114	80-151	7	18	
Naphthalene	**10.4**	**11.1**	10.0	10.0	104	111	68-144	7	25	
1,2,3-Trichlorobenzene	**10.7**	**11.5**	10.0	10.0	107	115	75-146	7	28	
Surrogate:										
Dibromofluoromethane					*84*	*83*	*75-127*			
Toluene-d8					*98*	*98*	*80-127*			
4-Bromofluorobenzene					*101*	*99*	*78-125*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Aspect consulting
Project Number: 000172
Project Name: Spic n Span
Project Manager: Delia Messey
Sampled by: Ashley Provow; Alasdair Gourlay

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 10-078

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	MW-1R-100722	10/07/22	0902	W	3					X																	
2	MW-2R-100722	↓	0930		6			X																			
3	MW-3R-100622	10/6/22	1105		6			X																			
4	MW-4-100622	↓	1015		3																						
5	MW-5R-100722	10/7/22	1027		3																						
6	MW-6-100622	10/6/22	1325		3																						
7	MW-7-100622		1451		3																						
8	MW-8-100622		1220		3																						
9	MW-9-100422	↓	1105		3																						
10	MW-10-100622	1420 ↔ 10/6/22		↓	6			X		↓																	

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	[signature]	Aspect Consulting	10/7/22	1334	
Received	[signature]	Alpha	10/7/22	1336	
Relinquished	[signature]	Alpha	10/7/22	402	
Received	[signature]	CORE	10/7/22	1602	
Relinquished					
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Aspect
Project Number:
Project Name:
Project Manager:
Sampled by:

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 10-078

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	MW-11-100722	10/7/22	1035	W	3					X													
12	MW-12-100722	↓	1152	↓	3					↓													
13	~~MW-13~~ AMP VE-1R-100622	10/6/22	1235	↓	6			X		↓													

	Signature	Company	Date	Time
Relinquished		Aspect Consulting	10/7/22	~~1130~~ 1236
Received		Alpha	10/7/22	1336
Relinquished		Alpha	10/7/22	402
Received		ORE	10/7/22	1602
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 12, 2023

Delia Massey
Aspect Consulting
Dexter Horton Building
710 2nd Avenue, Suite 550
Seattle, WA 98104

Re: Analytical Data for Project 060172
Laboratory Reference No. 2301-017

Dear Delia:

Enclosed are the analytical results and associated quality control data for samples submitted on January 4, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

Case Narrative

Samples were collected on January 3 and 4, 2023 and received by the laboratory on January 4, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-010423**					
Laboratory ID:	01-017-01					
Mineral Spirits	**ND**	500	NWTPH-Gx	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*86*	*65-122*				
Client ID:	**MW-2R-010423**					
Laboratory ID:	01-017-03					
Mineral Spirits	**ND**	500	NWTPH-Gx	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*81*	*65-122*				
Client ID:	**MW-3R-010323**					
Laboratory ID:	01-017-04					
Mineral Spirits	**ND**	500	NWTPH-Gx	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*80*	*65-122*				
Client ID:	**MW-10-010423**					
Laboratory ID:	01-017-11					
Mineral Spirits	**ND**	500	NWTPH-Gx	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-122*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0110W1					
Mineral Spirits	**ND**	100	NWTPH-Gx	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*83*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-270-01										
	ORIG	DUP									
Mineral Spirits	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*92*	*89*	*65-122*			

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-010423**					
Laboratory ID:	01-017-01					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	10	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	10	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	2.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	2.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	10	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Benzene	0.49	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	2.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**VE-1R-010423**					
Laboratory ID:	01-017-01					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	4.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	0.47	0.40	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	0.96	0.80	EPA 8260D	1-9-23	1-9-23	
o-Xylene	0.62	0.40	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	0.92	0.40	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	2.0	0.40	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	0.43	0.40	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	4.0	0.60	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	0.68	0.40	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	56	2.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1-010423**					
Laboratory ID:	01-017-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1-010423**					
Laboratory ID:	01-017-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	1.3	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-010423**					
Laboratory ID:	01-017-03					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	10	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	10	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	2.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	2.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	0.74	0.40	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	10	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Benzene	0.81	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	1-9-23	1-9-23	
Toluene	2.6	2.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-010423**					
Laboratory ID:	01-017-03					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	4.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	0.98	0.40	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	1.5	0.80	EPA 8260D	1-9-23	1-9-23	
o-Xylene	1.1	0.40	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	0.77	0.40	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	2.8	0.40	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	1.0	0.40	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	6.3	0.60	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	1.5	0.40	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	2.6	0.40	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	0.49	0.40	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	0.78	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	97	2.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*105*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-010323**					
Laboratory ID:	01-017-04					
Dichlorodifluoromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.50	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	25	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	25	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	5.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	5.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	25	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Benzene	1.0	1.0	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	10	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	5.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-010323**					
Laboratory ID:	01-017-04					
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	10	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	2.0	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	1.5	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	200	5.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-010323**					
Laboratory ID:	01-017-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	28	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	0.40	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	0.23	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	34	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	2.2	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	0.74	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	0.35	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-010323**					
Laboratory ID:	01-017-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5R-010323**					
Laboratory ID:	01-017-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	0.32	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5R-010323**					
Laboratory ID:	01-017-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	1.4	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	2.9	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-010423**					
Laboratory ID:	01-017-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	0.90	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	0.31	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-010423**					
Laboratory ID:	01-017-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-010323**					
Laboratory ID:	01-017-08					
Dichlorodifluoromethane	5.9	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	0.19	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	0.21	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7-010323**					
Laboratory ID:	01-017-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8-010423**					
Laboratory ID:	01-017-09					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8-010423**					
Laboratory ID:	01-017-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-010323**					
Laboratory ID:	01-017-10					
Dichlorodifluoromethane	0.62	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9-010323**					
Laboratory ID:	01-017-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-010423**					
Laboratory ID:	01-017-11					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Acetone	19	10	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	10	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	2.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	2.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	10	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	2.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	1-9-23	1-9-23	

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Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-010423**					
Laboratory ID:	01-017-11					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	4.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.80	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	0.85	0.60	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	97	2.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*101*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-010323**					
Laboratory ID:	01-017-12					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	11	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11-010323**					
Laboratory ID:	01-017-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-010323**					
Laboratory ID:	01-017-13					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	2.9	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-12-010323**					
Laboratory ID:	01-017-13					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	1.2	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

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Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0109W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloromethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Vinyl Chloride	ND	0.10	EPA 8260D	1-9-23	1-9-23	
Bromomethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Chloroethane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Acetone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Iodomethane	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Carbon Disulfide	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methylene Chloride	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Vinyl Acetate	ND	1.0	EPA 8260D	1-9-23	1-9-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Butanone	ND	5.0	EPA 8260D	1-9-23	1-9-23	
Bromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chloroform	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Benzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Trichloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Dibromomethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromodichloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Toluene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	1-9-23	1-9-23	

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Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0109W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Hexanone	ND	2.0	EPA 8260D	1-9-23	1-9-23	
Dibromochloromethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Chlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-9-23	1-9-23	
o-Xylene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Styrene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromoform	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Isopropylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Bromobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Propylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trimethylbenzene	ND	0.30	EPA 8260D	1-9-23	1-9-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
n-Butylbenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
Naphthalene	ND	1.0	EPA 8260D	1-9-23	1-9-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	1-9-23	1-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0109W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**10.3**	**11.0**	10.0	10.0	103	110	34-166	7	21	
Chloromethane	**9.41**	**9.94**	10.0	10.0	94	99	63-138	5	18	
Vinyl Chloride	**9.49**	**9.94**	10.0	10.0	95	99	71-135	5	20	
Bromomethane	**8.54**	**10.1**	10.0	10.0	85	101	20-151	17	36	
Chloroethane	**9.12**	**9.49**	10.0	10.0	91	95	76-125	4	20	
Trichlorofluoromethane	**8.77**	**9.58**	10.0	10.0	88	96	75-131	9	19	
1,1-Dichloroethene	**9.59**	**10.1**	10.0	10.0	96	101	78-125	5	19	
Acetone	**8.34**	**8.78**	10.0	10.0	83	88	76-125	5	18	
Iodomethane	**8.31**	**9.08**	10.0	10.0	83	91	10-155	9	40	
Carbon Disulfide	**8.68**	**9.19**	10.0	10.0	87	92	58-129	6	17	
Methylene Chloride	**9.01**	**9.65**	10.0	10.0	90	97	80-120	7	15	
(trans) 1,2-Dichloroethene	**9.40**	**10.1**	10.0	10.0	94	101	80-125	7	17	
Methyl t-Butyl Ether	**9.54**	**10.3**	10.0	10.0	95	103	80-122	8	15	
1,1-Dichloroethane	**9.36**	**9.80**	10.0	10.0	94	98	80-125	5	17	
Vinyl Acetate	**9.19**	**9.89**	10.0	10.0	92	99	80-131	7	15	
2,2-Dichloropropane	**9.88**	**10.5**	10.0	10.0	99	105	80-146	6	21	
(cis) 1,2-Dichloroethene	**9.42**	**10.1**	10.0	10.0	94	101	80-129	7	17	
2-Butanone	**9.40**	**10.0**	10.0	10.0	94	100	80-129	6	16	
Bromochloromethane	**9.59**	**10.2**	10.0	10.0	96	102	80-125	6	18	
Chloroform	**9.13**	**9.77**	10.0	10.0	91	98	80-123	7	16	
1,1,1-Trichloroethane	**9.17**	**9.89**	10.0	10.0	92	99	80-123	8	18	
Carbon Tetrachloride	**9.23**	**9.82**	10.0	10.0	92	98	80-126	6	17	
1,1-Dichloropropene	**9.41**	**10.1**	10.0	10.0	94	101	80-126	7	18	
Benzene	**9.52**	**10.1**	10.0	10.0	95	101	80-121	6	16	
1,2-Dichloroethane	**8.89**	**9.69**	10.0	10.0	89	97	80-124	9	15	
Trichloroethene	**9.81**	**10.2**	10.0	10.0	98	102	80-122	4	18	
1,2-Dichloropropane	**9.95**	**10.6**	10.0	10.0	100	106	80-123	6	15	
Dibromomethane	**9.54**	**10.3**	10.0	10.0	95	103	80-123	8	15	
Bromodichloromethane	**9.48**	**10.1**	10.0	10.0	95	101	80-125	6	15	
(cis) 1,3-Dichloropropene	**10.2**	**10.9**	10.0	10.0	102	109	80-129	7	15	
Methyl Isobutyl Ketone	**9.37**	**10.1**	10.0	10.0	94	101	80-124	7	15	
Toluene	**9.49**	**10.1**	10.0	10.0	95	101	80-120	6	18	
(trans) 1,3-Dichloropropene	**10.0**	**10.7**	10.0	10.0	100	107	80-134	7	17	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 12, 2023
Samples Submitted: January 4, 2023
Laboratory Reference: 2301-017
Project: 060172

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0109W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**10.3**	**11.0**	10.0	10.0	103	110	34-166	7	21	
Chloromethane	**9.41**	**9.94**	10.0	10.0	94	99	63-138	5	18	
Vinyl Chloride	**9.49**	**9.94**	10.0	10.0	95	99	71-135	5	20	
Bromomethane	**8.54**	**10.1**	10.0	10.0	85	101	20-151	17	36	
Chloroethane	**9.12**	**9.49**	10.0	10.0	91	95	76-125	4	20	
Trichlorofluoromethane	**8.77**	**9.58**	10.0	10.0	88	96	75-131	9	19	
1,1-Dichloroethene	**9.59**	**10.1**	10.0	10.0	96	101	78-125	5	19	
Acetone	**8.34**	**8.78**	10.0	10.0	83	88	76-125	5	18	
Iodomethane	**8.31**	**9.08**	10.0	10.0	83	91	10-155	9	40	
Carbon Disulfide	**8.68**	**9.19**	10.0	10.0	87	92	58-129	6	17	
Methylene Chloride	**9.01**	**9.65**	10.0	10.0	90	97	80-120	7	15	
(trans) 1,2-Dichloroethene	**9.40**	**10.1**	10.0	10.0	94	101	80-125	7	17	
Methyl t-Butyl Ether	**9.54**	**10.3**	10.0	10.0	95	103	80-122	8	15	
1,1-Dichloroethane	**9.36**	**9.80**	10.0	10.0	94	98	80-125	5	17	
Vinyl Acetate	**9.19**	**9.89**	10.0	10.0	92	99	80-131	7	15	
2,2-Dichloropropane	**9.88**	**10.5**	10.0	10.0	99	105	80-146	6	21	
(cis) 1,2-Dichloroethene	**9.42**	**10.1**	10.0	10.0	94	101	80-129	7	17	
2-Butanone	**9.40**	**10.0**	10.0	10.0	94	100	80-129	6	16	
Bromochloromethane	**9.59**	**10.2**	10.0	10.0	96	102	80-125	6	18	
Chloroform	**9.13**	**9.77**	10.0	10.0	91	98	80-123	7	16	
1,1,1-Trichloroethane	**9.17**	**9.89**	10.0	10.0	92	99	80-123	8	18	
Carbon Tetrachloride	**9.23**	**9.82**	10.0	10.0	92	98	80-126	6	17	
1,1-Dichloropropene	**9.41**	**10.1**	10.0	10.0	94	101	80-126	7	18	
Benzene	**9.52**	**10.1**	10.0	10.0	95	101	80-121	6	16	
1,2-Dichloroethane	**8.89**	**9.69**	10.0	10.0	89	97	80-124	9	15	
Trichloroethene	**9.81**	**10.2**	10.0	10.0	98	102	80-122	4	18	
1,2-Dichloropropane	**9.95**	**10.6**	10.0	10.0	100	106	80-123	6	15	
Dibromomethane	**9.54**	**10.3**	10.0	10.0	95	103	80-123	8	15	
Bromodichloromethane	**9.48**	**10.1**	10.0	10.0	95	101	80-125	6	15	
(cis) 1,3-Dichloropropene	**10.2**	**10.9**	10.0	10.0	102	109	80-129	7	15	
Methyl Isobutyl Ketone	**9.37**	**10.1**	10.0	10.0	94	101	80-124	7	15	
Toluene	**9.49**	**10.1**	10.0	10.0	95	101	80-120	6	18	
(trans) 1,3-Dichloropropene	**10.0**	**10.7**	10.0	10.0	100	107	80-134	7	17	

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and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Aspect Consulting
Project Number: 060172
Project Name: SPIC N's Pan
Project Manager: Delia Massey
Sampled by: Ashley Prabu, Risa Nag

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 01-017

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx *	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	VE-1R 010423	1/4/23	1145	W	6			X		X																
2	MW-1-010423	↓	0945		3																					
3	MW-2R-010423		1225		6			X																		
4	MW-3R-010323	1/3/23	1545		6			X																		
5	MW-4-010323	1/3/23	1610		3																					
6	MW-5R-010323	1/3/23	1435		3																					
7	MW-6-010423	1/4/23	1210		3																					
8	MW-7-010323	01/03/23	1210		3																					
9	MW-8-010423	01/04/23	1330		3																					
10	MW-9-010323	1/3/23	1415	↓	3					↓																

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	[signature] #17	Aspect	01/04/23	1451	* As Mineral Spirits please.
Received		Speedy	1/4/23	2:50	
Relinquished	#17	Speedy	1/4/23	4:10	
Received	[signature]	CORE	1/4/23	1610	
Relinquished					
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Asp
Project Number: 060172
Project Name:
Project Manager:
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days)
- ☐ _____ (other)

Laboratory Number: 01-017

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260C	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
11	MW-10-010423	1/4/23	0940	W	6			x		x																	
12	MW-11-010323	1/3/23	1215	↓	3					x																	
13	MW-12-010323	↓	1330	↓	3					x																	

	Signature	Company	Date	Time
Relinquished	[signature] #17	ASPECT	1/4/23	1451
Received		Speedy	1/4/23	2:50
Relinquished	#17	Speedy	1/4/23	4:10
Received	[signature]	OSE	1/4/23	1610
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 11, 2023

Delia Massey
Aspect Consulting
Dexter Horton Building
710 2nd Avenue, Suite 550
Seattle, WA 98104

Re: Analytical Data for Project 060172
Laboratory Reference No. 2304-061

Dear Delia:

Enclosed are the analytical results and associated quality control data for samples submitted on April 6, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

Case Narrative

Samples were collected on April 5, 2023 and received by the laboratory on April 6, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-040523**					
Laboratory ID:	04-061-01					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	0.096	0.040	EPA 8260D/SIM	4-10-23	4-10-23	
Bromomethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	10	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	10	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	2.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	2.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	1.6	0.40	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	10	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Benzene	0.42	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2R-040523**					
Laboratory ID:	04-061-01					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	0.43	0.40	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
o-Xylene	0.55	0.40	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	1.0	0.40	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	0.94	0.40	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	0.63	0.40	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	0.41	0.40	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	55	2.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-040523**					
Laboratory ID:	04-061-02					
Dichlorodifluoromethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	ND	0.080	EPA 8260D/SIM	4-10-23	4-10-23	
Bromomethane	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	20	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	20	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	4.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	4.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	20	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Benzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	8.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	4.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.80	EPA 8260D	4-10-23	4-10-23	

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3R-040523**					
Laboratory ID:	04-061-02					
1,1,2-Trichloroethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	8.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	1.6	EPA 8260D	4-10-23	4-10-23	
o-Xylene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.80	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	4.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	110	4.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-040523**					
Laboratory ID:	04-061-03					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	13	0.40	EPA 8260D	4-10-23	4-10-23	
Bromomethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	10	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	10	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	2.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	2.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	11	0.40	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	10	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Benzene	0.86	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4-040523**					
Laboratory ID:	04-061-03					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
o-Xylene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-040523**					
Laboratory ID:	04-061-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	0.85	0.20	EPA 8260D	4-10-23	4-10-23	
Bromomethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	1.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	1.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	0.34	0.20	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Benzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6-040523**					
Laboratory ID:	04-061-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
o-Xylene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*96*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-040523**					
Laboratory ID:	04-061-05					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	ND	0.040	EPA 8260D/SIM	4-10-23	4-10-23	
Bromomethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	10	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	10	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	2.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	2.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	10	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Benzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	4-10-23	4-10-23	

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10-040523**					
Laboratory ID:	04-061-05					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	4.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	0.80	EPA 8260D	4-10-23	4-10-23	
o-Xylene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	55	2.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*75-127*				
Toluene-d8	*100*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	04-061-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	ND	0.020	EPA 8260D/SIM	4-10-23	4-10-23	
Bromomethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	1.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	1.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Benzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	04-061-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
o-Xylene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0410W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chloromethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Vinyl Chloride	ND	0.020	EPA 8260D/SIM	4-10-23	4-10-23	
Bromomethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Chloroethane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Trichlorofluoromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Acetone	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Iodomethane	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Carbon Disulfide	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methylene Chloride	ND	1.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Vinyl Acetate	ND	1.0	EPA 8260D	4-10-23	4-10-23	
2,2-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Butanone	ND	5.0	EPA 8260D	4-10-23	4-10-23	
Bromochloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chloroform	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Carbon Tetrachloride	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Benzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Trichloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Dibromomethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromodichloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Toluene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	4-10-23	4-10-23	

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Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0410W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Tetrachloroethene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3-Dichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Hexanone	ND	2.0	EPA 8260D	4-10-23	4-10-23	
Dibromochloromethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromoethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Chlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Ethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
m,p-Xylene	ND	0.40	EPA 8260D	4-10-23	4-10-23	
o-Xylene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Styrene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromoform	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Isopropylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Bromobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	4-10-23	4-10-23	
n-Propylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
2-Chlorotoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
4-Chlorotoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
tert-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
sec-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
p-Isopropyltoluene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
n-Butylbenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	4-10-23	4-10-23	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Hexachlorobutadiene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
Naphthalene	ND	1.0	EPA 8260D	4-10-23	4-10-23	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0410W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**9.97**	**9.57**	10.0	10.0	100	96	34-166	4	21	
Chloromethane	**10.1**	**10.5**	10.0	10.0	101	105	63-138	4	18	
Vinyl Chloride	**10.5**	**10.3**	10.0	10.0	105	103	71-135	2	20	
Bromomethane	**12.1**	**11.7**	10.0	10.0	121	117	20-151	3	36	
Chloroethane	**8.49**	**8.18**	10.0	10.0	85	82	76-125	4	20	
Trichlorofluoromethane	**9.50**	**9.14**	10.0	10.0	95	91	75-131	4	19	
1,1-Dichloroethene	**9.49**	**9.44**	10.0	10.0	95	94	78-125	1	19	
Acetone	**8.81**	**9.16**	10.0	10.0	88	92	76-125	4	18	
Iodomethane	**12.4**	**13.1**	10.0	10.0	124	131	10-155	5	40	
Carbon Disulfide	**9.22**	**8.88**	10.0	10.0	92	89	58-129	4	17	
Methylene Chloride	**9.56**	**9.19**	10.0	10.0	96	92	80-120	4	15	
(trans) 1,2-Dichloroethene	**9.96**	**9.81**	10.0	10.0	100	98	80-125	2	17	
Methyl t-Butyl Ether	**9.71**	**9.43**	10.0	10.0	97	94	80-122	3	15	
1,1-Dichloroethane	**9.94**	**9.82**	10.0	10.0	99	98	80-125	1	17	
Vinyl Acetate	**10.0**	**9.44**	10.0	10.0	100	94	80-131	6	15	
2,2-Dichloropropane	**10.8**	**10.7**	10.0	10.0	108	107	80-146	1	21	
(cis) 1,2-Dichloroethene	**9.99**	**9.85**	10.0	10.0	100	99	80-129	1	17	
2-Butanone	**9.11**	**8.63**	10.0	10.0	91	86	80-129	5	16	
Bromochloromethane	**11.1**	**10.7**	10.0	10.0	111	107	80-125	4	18	
Chloroform	**9.57**	**9.37**	10.0	10.0	96	94	80-123	2	16	
1,1,1-Trichloroethane	**9.44**	**9.25**	10.0	10.0	94	93	80-123	2	18	
Carbon Tetrachloride	**9.13**	**9.25**	10.0	10.0	91	93	80-126	1	17	
1,1-Dichloropropene	**9.35**	**9.22**	10.0	10.0	94	92	80-126	1	18	
Benzene	**9.87**	**9.61**	10.0	10.0	99	96	80-121	3	16	
1,2-Dichloroethane	**9.44**	**9.19**	10.0	10.0	94	92	80-124	3	15	
Trichloroethene	**10.7**	**10.6**	10.0	10.0	107	106	80-122	1	18	
1,2-Dichloropropane	**10.4**	**10.2**	10.0	10.0	104	102	80-123	2	15	
Dibromomethane	**11.0**	**10.6**	10.0	10.0	110	106	80-123	4	15	
Bromodichloromethane	**10.5**	**10.2**	10.0	10.0	105	102	80-125	3	15	
(cis) 1,3-Dichloropropene	**10.9**	**10.7**	10.0	10.0	109	107	80-129	2	15	
Methyl Isobutyl Ketone	**10.3**	**9.97**	10.0	10.0	103	100	80-124	3	15	
Toluene	**9.65**	**9.37**	10.0	10.0	97	94	80-120	3	18	
(trans) 1,3-Dichloropropene	**11.0**	**10.8**	10.0	10.0	110	108	80-134	2	17	

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Date of Report: April 11, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-061
Project: 060172

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0410W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**10.4**	**10.3**	10.0	10.0	104	103	77-126	1	20	
Tetrachloroethene	**10.3**	**10.6**	10.0	10.0	103	106	80-124	3	18	
1,3-Dichloropropane	**10.0**	**9.86**	10.0	10.0	100	99	80-120	1	15	
2-Hexanone	**10.2**	**10.5**	10.0	10.0	102	105	80-130	3	16	
Dibromochloromethane	**11.0**	**10.7**	10.0	10.0	110	107	80-128	3	15	
1,2-Dibromoethane	**10.9**	**10.8**	10.0	10.0	109	108	80-127	1	15	
Chlorobenzene	**10.2**	**10.1**	10.0	10.0	102	101	80-120	1	17	
1,1,1,2-Tetrachloroethane	**10.5**	**10.3**	10.0	10.0	105	103	80-125	2	17	
Ethylbenzene	**10.5**	**10.4**	10.0	10.0	105	104	80-125	1	18	
m,p-Xylene	**21.0**	**21.0**	20.0	20.0	105	105	80-127	0	18	
o-Xylene	**10.5**	**10.4**	10.0	10.0	105	104	80-126	1	18	
Styrene	**9.53**	**9.34**	10.0	10.0	95	93	80-130	2	17	
Bromoform	**10.5**	**10.2**	10.0	10.0	105	102	80-130	3	15	
Isopropylbenzene	**9.63**	**9.57**	10.0	10.0	96	96	80-129	1	18	
Bromobenzene	**10.4**	**10.3**	10.0	10.0	104	103	76-128	1	16	
1,1,2,2-Tetrachloroethane	**10.2**	**10.1**	10.0	10.0	102	101	74-130	1	15	
1,2,3-Trichloropropane	**9.93**	**9.84**	10.0	10.0	99	98	71-129	1	25	
n-Propylbenzene	**10.7**	**10.8**	10.0	10.0	107	108	80-129	1	19	
2-Chlorotoluene	**10.4**	**10.6**	10.0	10.0	104	106	80-128	2	18	
4-Chlorotoluene	**10.9**	**10.9**	10.0	10.0	109	109	80-130	0	19	
1,3,5-Trimethylbenzene	**10.8**	**10.8**	10.0	10.0	108	108	80-131	0	18	
tert-Butylbenzene	**10.8**	**10.9**	10.0	10.0	108	109	80-130	1	18	
1,2,4-Trimethylbenzene	**11.0**	**11.0**	10.0	10.0	110	110	80-130	0	18	
sec-Butylbenzene	**11.0**	**11.0**	10.0	10.0	110	110	80-130	0	18	
1,3-Dichlorobenzene	**10.7**	**10.7**	10.0	10.0	107	107	80-126	0	17	
p-Isopropyltoluene	**11.2**	**11.3**	10.0	10.0	112	113	80-132	1	18	
1,4-Dichlorobenzene	**10.3**	**10.3**	10.0	10.0	103	103	80-121	0	17	
1,2-Dichlorobenzene	**10.4**	**10.5**	10.0	10.0	104	105	79-125	1	15	
n-Butylbenzene	**10.9**	**11.0**	10.0	10.0	109	110	80-138	1	19	
1,2-Dibromo-3-chloropropane	**10.1**	**10.3**	10.0	10.0	101	103	73-133	2	15	
1,2,4-Trichlorobenzene	**10.8**	**11.3**	10.0	10.0	108	113	80-139	5	18	
Hexachlorobutadiene	**10.3**	**10.6**	10.0	10.0	103	106	80-151	3	18	
Naphthalene	**8.60**	**9.15**	10.0	10.0	86	92	68-144	6	25	
1,2,3-Trichlorobenzene	**10.1**	**10.9**	10.0	10.0	101	109	75-146	8	28	
Surrogate:										
Dibromofluoromethane					*96*	*96*	*75-127*			
Toluene-d8					*100*	*99*	*80-127*			
4-Bromofluorobenzene					*104*	*103*	*78-125*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 04-061

Company: Aspect
Project Number: 060172
Project Name: Spic n Span
Project Manager: Peria Massey
Sampled by: Ashley Provow

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	MW-2R-040523	4/5/23	1015	W	3					X																	
2	MW-3R-040523	↓	1150	↓	↓					↓																	
3	MW-4-040523		1320																								
4	MW-6-040523		1410																								
5	MW-10-040523	↓	1030	↓	↓					↓																	
6	Trip Blank			W	3					↓																	

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Aaron Perry	Aspect Consulting	4/5/23	1515	
Received	#17	Speedy Alpha	4/5/23	10:23	
Relinquished	#17	Speedy Alpha	4/5/23	12:56	
Received	Nichelle Bayhan	OSE	4/6/23	1250	
Relinquished					
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐