AECOM
1 John James Audubon Parkway
Amherst, NY 14228
aecom.com

May 27, 2022

Your Reference
Site Number 704015

Our Reference
Project Number 60637673

Mr. Gary Priscott
New York State Department of
Environmental Conservation
Kirkwood Sub-Office
1679 NYS Route 11
Kirkwood, NY 13795

NYSDEC Standby Contract D009803

C.A.E. Electronics, Site No. 704015

Groundwater Sampling Letter Report

WA # D009803-28

Dear Mr. Priscott,

AECOM USA Inc. (AECOM) is pleased to present the New York State Department of Environmental Conservation (NYSDEC) with this Groundwater Sampling Letter Report summarizing work completed in May and July 2021 at the C.A.E. Electronics, Site No. 704015 (shown on **Figure 1**). AECOM sampled 34 wells using passive diffusion bag (PDB) samplers.

FIELD ACTIVITES

On May 26 and 27, 2021, AECOM was onsite to set-up the PDB samplers and place them in the wells. At each well, AECOM gauged the depth to water and depth to bottom to ensure the premade tethers (designed to suspend the PDBs within the water column) would function appropriately. Adjustments to the overall length of the tether and point of attachment of the PDB were made as needed to ensure the PDB would remain under water during the deployment period. As directed by NYSDEC PDB tethers were placed in 34 wells.

On July 15 and 16, 2021 AECOM was onsite to collect the groundwater samples from the PDBs. At each well AECOM recorded the depth to water. The PDB was retrieved and used to fill the laboratory sample containers for Target Compound List (TCL) volatile organic compound (VOC) analysis by United State Environmental Protection Agency (USEPA) Method 8260C. After the samples were collected, the PDB tether hardware was left in place at each well. Two duplicate samples, two matrix spike/matrix spike duplicate pairs, and one trip blank were also submitted for analysis. Well Sampling Logs are included in **Appendix A**.

GROUNDWATER OCCURANCE AND FLOW DIRECTION

In July 2021, groundwater was observed between approximately five and 32 feet below top of riser in the monitoring wells. **Figure 2** presents the groundwater elevation contour map from July 2021. **Figure 2** only shows the wells that were sampled in July 2021. The groundwater elevations are also summarized on **Table 1**. Groundwater flow is generally west to west-northwest across most of the study area; flow appears to be more northerly along the eastern half of the study area north of monitoring well MW-28R. These results are consistent with historical results.

LABORATORY ANALYTICAL RESULTS

All of the samples collected for laboratory analysis were submitted to Eurofins TestAmerica Buffalo, New York. Data validation was performed by Environmental Data Validation Inc (EDV, Inc.). The Data Usability Summary Report prepared by EDV, Inc. is included as **Appendix B**.

Summary of Results and Comparison to Previous Results

All groundwater samples were analyzed for TCL VOCs. The groundwater sample analytical results were compared to NYSDEC Groundwater Standards[1] (see **Table 2**). **Table 2** presents the results for VOCs detected at least once in the samples during the July 2013, November 2017, and July 2021 sampling events. All wells sampled in 2017 were sampled again in 2021, with the exception of well NW-07 which has been destroyed. In addition, during this event wells MW-26 and MW-07-01 were sampled. MW-26 was not sampled in the last two events because it is offsite and upgradient, however NYSDEC requested sampling this event. Historically, MW-07-01 had an insufficient water column present to facilitate sampling via PDBs, however, that was not the case during this event so sampling was completed. **Figure 3** highlights the results for trichloroethene (TCE), the primary contaminant of concern, over the last three sampling events.

Only four of the 34 wells sampled contained VOCs at concentrations higher than their respective NYSDEC Groundwater Standards:

- MW-02: TCE was detected at well MW-02 at a concentration of 38 microgram per liter (µg/L), exceeding the groundwater standard of 5 µg/L. In 2017, TCE was detected at a concentration of 0.62 µg/L, below the groundwater standard. This well was not sampled in 2013.
- MW-06: TCE was detected at well MW-06 at an estimated concentration of 11 J µg/L, exceeding the groundwater standard. In 2017, TCE was detected at a concentration of 12 µg/L in 2017, exceeding the groundwater standard. This well was not sampled in 2013.
- MW-17:
  - TCE was detected at a concentration of 35 µg/L (with a duplicate sample result of 36 µg/L), exceeding the groundwater standard. This is down from the 2017 concentration of 41 (with a duplicate sample result of 67 µg/L). In 2013, TCE was detected at the highest concentration observed of the 2013, 2017, and 2021 sampling events at a concentration of 190 µg/L.
  - 1,1,2-trichloroethane (1,1,2-TCA) was also detected at well MW-17 at concentration of 1.2 µg/L (with a duplicate sample result of 1.1 µg/L), slightly exceeding the groundwater standard of 1 µg/L. This result was consistent with the 2017 results where 1,1,2-TCA was detected at a concentration of 1.0 µg/L (with a duplicate sample result of 1.1 µg/L). In 2013, 1,1,2-TCA was detected at the highest concentration observed of the 2013, 2017, and 2021 sampling events at a concentration of 1.6 µg/L.
- MW-21: 1,1,2-trichloro-1,2,2-trifluoroethane was detected at well MW-21 at a concentration of 5.8 µg/L, slightly exceeding the groundwater standard of 5 µg/L. In 2017, 1,1,2-trichloro-1,2,2-trifluoroethane was detected at well MW-21 at a concentration of 4.5 µg/L (with a duplicate sample result of 4.3 µg/L), below the groundwater standard; however, in 2013 1,1,2-trichloro-1,2,2-trifluoroethane was detected at a concentration of 9.7 µg/L, above the groundwater standard.

TCE concentrations stayed the same or decreased in all wells when compared to the previous sampling event with the following exceptions:

- Well MW-02: TCE increased from 0.62 J to 38 µg/L
- Well MW-11: TCE increased from 1.8 to 2.3 µg/L
- Well NW-05: TCE increased from 0.31 J µg/L to 0.71 J µg/L

[1] Reference for NYSDEC groundwater water standards: NYSDEC Technical Operational and Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998, revised June 2004, Class GA.

- Well NW-06: TCE increased from 0.50 J µg/L to 0.75 J µg/L

With the exception of well MW-02, all of these results are below the groundwater standard for TCE of 5 µg/L.

Two wells (MW-07-01 and MW-26) were sampled in 2021 but not in 2017. The only VOC detected in well MW-07-01 was TCE (at a concentration of 0.73 J, below the groundwater standard). No VOCs were detected in well MW-26.

Please call me with any questions or comments at (716) 923-1176.

Yours sincerely,

Robert J. Murphy
Senior Geologist/ Project Manager
AECOM
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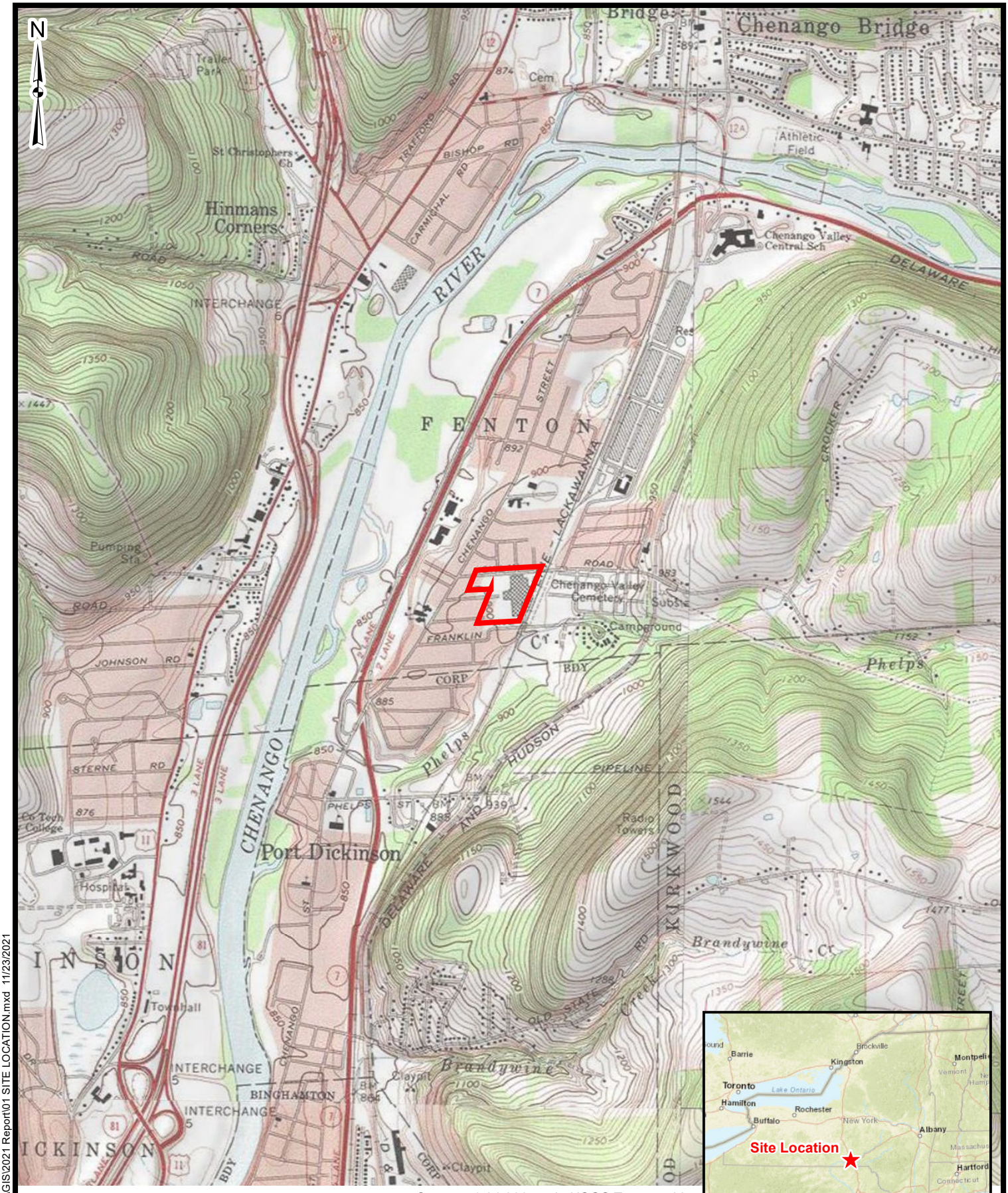
E: rob.murphy@aecom.com

enclosures: Tables
Figures
Appendix A
Appendix B

FIGURES



Source: 1:24,000-scale USGS Topographic Quadrangles: Castle Creek, 1976; Chenango Forks, 1968

AECOM

CAE ELECTRONICS
SITE LOCATION MAP

FIGURE 1

J:\Projects\11173142.00000\DB\GIS\2021 Report\01 SITE LOCATION.mxd 11/23/2021

J:\Projects\11173142.00000\DB\GIS\2021 Report\05 GW ELEVATION CONTOURS (JULY 2021).mxd 11/23/2021

N

MW-07-11, 840.87
MW-07-07, 863.10
MW-07-10, 840.45
MW-27, 864.87
MW-07-03, 879.03
MW-07-08, 876.66
MW-07-09, 840.33
MW-07-02, 879.51
MW-07-05, 879.52
MW-25, 848.86
MW-20, 876.21
MW-07-06, 879.31
MW-07-04, 879.31
MW-07-01, 884.69
MW-15, 877.51
MW-28R, 882.23
MW-24, 846.61
NW-06, 865.60
MW-17, 870.67
MW-14, 878.89
MW-19R, 881.03
MW-03, 870.78
MW-09, 882.87
MW-02, 878.97
MW-07R, 878.93
MW-21, 869.58
MW-05, 870.57
MW-06, 878.62
MW-22, 880.21
MW-11, 879.88
MW-10, 885.96
MW-23, 838.39
MW-26, 898.54
CAE-MW-03, 877.90

845 850 855 860 865 870 875 880 885 890 895 840

BILLATA DR
SALLIDA ST
AVENUE A
AVENUE B
NOWLAN RD
LOIS AVE
HASTINGS ST
BECKWITH AVE
CHEMANGO ST
UTICA AVE
FRANKLIN AVE

CAE BUILDING

Legend

- Monitoring Well
- 870 Groundwater Elevation Contour
- Groundwater Flow Direction
- MW-23, 838.39 (Location ID; Groundwater Elevation (ft amsl))

300 0 300 Feet

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CAE ELECTRONICS
GROUNDWATER ELEVATION CONTOUR MAP
(JULY 2021)

FIGURE 2

J:\Projects\11173142.00000\DB\GIS\2021 Report\06 REMAINING TCE GW SAMPLE CONCENTRATIONS (2013-2021).mxd 11/23/2021

N

MW-07-11	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	0.25	ND

MW-07-10	07/13	11/17	07/21
VOCs:			
Trichloroethene	3	0.71	ND

MW-27	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	1.2	0.55

MW-07-09	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	0.59	ND

MW-07-06	07/13	11/17	07/21
VOCs:			
Trichloroethene	3.6	1	0.56

MW-20	07/13	11/17	07/21
VOCs:			
Trichloroethene	12	0.9	0.53

MW-25	07/13	11/17	07/21
VOCs:			
Trichloroethene	2.6	1.3	1.3

MW-07R	11/17	07/21
VOCs:		
Trichloroethene	0.9	0.53

MW-17	07/13	11/17	07/21
VOCs:			
Trichloroethene	190	67	36

NW-05	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	0.31	0.71

NW-06	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.1	0.5	0.75

MW-24	11/17	07/21
VOCs:		
Trichloroethene	0.66	0.53

MW-21	07/13	11/17	7/21
VOCs:			
Trichloroethene	1.9	0.79	0.47

MW-03	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.6	1.8	0.99

MW-06	11/17	07/21
VOCs:		
Trichloroethene	12	11

NW-07	07/13	11/17
VOCs:		
Trichloroethene	1.7	0.98

MW-23	11/17	07/21
VOCs:		
Trichloroethene	ND	ND

CAE-MW-03	11/17	07/21
VOCs:		
Trichloroethene	ND	ND

MW-07-07	07/13	11/17	07/21
VOCs:			
Trichloroethene	2.4	2	1.5

MW-07-03	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	0.39	ND

MW-07-08	07/13	11/17	07/21
VOCs:			
Trichloroethene	2.4	0.87	0.76

MW-07-02	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	0.35	ND

MW-07-05	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.9	1.2	0.78

MW-15	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.6	0.76	0.56

MW-07-04	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.8	0.78	0.58

MW-14	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.1	0.79	ND

MW-07-01	07/21
VOCs:	
Trichloroethene	0.73

MW-28R	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.8	1.1	0.58

MW-09	07/13	11/17	07/21
VOCs:			
Trichloroethene	2.4	1.2	0.93

MW-19R	11/17	07/21
VOCs:		
Trichloroethene	0.59	ND

MW-10	07/13	11/17	07/21
VOCs:			
Trichloroethene	3.2	1.8	0.86

MW-22	07/13	11/17	07/21
VOCs:			
Trichloroethene	ND	2	1.3

MW-02	11/17	07/21
VOCs:		
Trichloroethene	0.62	38

MW-11	07/13	11/17	07/21
VOCs:			
Trichloroethene	1.4	1.8	2.3

MW-26	07/21
VOCs:	
Trichloroethene	ND

CORNELL AVE
CHENANGO ST
DOROTHY ST
EVERETT ST
GORDEN ST
HADSELL RD
RONAN ST
WARREN M ANDERSON EXPWY
HOTCHKISS AVE
HOYT AVE
GILMORE
ALIDA AVE
ELWELL AVE
NOWLAN RD
UTICA AVE
FRANKLIN AVE
CENTER ST
FENTON AVE

Legend

Monitoring Well

Sample ID — Sample Date

MW-10 | 07/13

VOCs:
Trichloroethene | 3.2

Compound — Result (UG/L)

NOTES:
ND - Not Detected

300 0 300 Feet

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CAE ELECTRONICS
REMAINING TCE GROUNDWATER SAMPLE CONCENTRATIONS
(JULY 2013, NOVEMBER 2017, & JULY 2021)

FIGURE 3

TABLES

TABLE 1
C.A.E. ELECTRONICS SITE
GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
CAE-MW-03 MNW	782554.6632	1009053.0144	898.20	NA	898.20	A	7/16/2021 0955	20.30	877.90	0.00	877.90	
MW-02 MNW	783383.207	1009459.279	899.69	900.22	900.22	A	7/16/2021 1010	21.25	878.97	0.00	878.97	
MW-03 MNW	783403.161	1008886.096	899.59	899.59	899.33	A	7/16/2021 0935	28.55	870.78	0.00	870.78	
MW-05 MNW	783248.242	1008840.923	899.01	899.01	898.52	A	7/16/2021 0910	27.95	870.57	0.00	870.57	
MW-06 MNW	783235.980	1009413.851	899.50	900.22	900.17	A	7/16/2021 1025	21.55	878.62	0.00	878.62	
MW-07-01 MNW	783852.37281	1010301.0847	899.21	899.21	898.94	A	7/16/2021 1147	14.25	884.69	0.00	884.69	
MW-07-02 MNW	784666.81836	1010644.8491	898.12	898.12	897.81	A	7/16/2021 1135	18.30	879.51	0.00	879.51	
MW-07-03 MNW	785056.7805	1010587.3720	898.9	898.90	898.58	A	7/15/2021 1600	19.55	879.03	0.00	879.03	
MW-07-04 MNW	784104.04104	1010105.6539	903.22	903.22	902.79	A	7/15/2021 1440	23.48	879.31	0.00	879.31	
MW-07-05 MNW	784388.95257	1009963.7687	904.95	904.95	904.72	A	7/15/2021 1550	25.20	879.52	0.00	879.52	
MW-07-06 MNW	784227.31447	1009679.0257	904.05	904.05	903.76	A	7/15/2021 1520	24.45	879.31	0.00	879.31	
MW-07-07 MNW	785405.03419	1009840.5590	894.01	894.01	893.75	A	7/15/2021 1500	30.65	863.10	0.00	863.10	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:
A Aquifer

Type:
MNW Monitoring Well
PZ Piezometer

TABLE 1
C.A.E. ELECTRONICS SITE
GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-07-08 MNW	784830.89057	1009599.5579	895.88	895.88	895.66	A	7/15/2021 1615	19.00	876.66	0.00	876.66	
MW-07-09 MNW	784711.92403	1008598.1021	853.33	853.33	853.03	A	7/15/2021 1245	12.70	840.33	0.00	840.33	
MW-07-10 MNW	785289.03552	1008837.5839	856.88	856.88	856.40	A	7/15/2021 1225	15.95	840.45	0.00	840.45	
MW-07-11 MNW	785744.55109	1009121.4373	857.57	857.57	857.12	A	7/15/2021 1310	16.25	840.87	0.00	840.87	
MW-07R MNW	783368.052	1009239.301	897.18	897.18	896.58	A	7/16/2021 0750	17.65	878.93	0.00	878.93	
MW-09 MNW	783434.54	1009930.42	902.1	902.78	901.82	A	7/16/2021 1103	18.95	882.87	0.00	882.87	
MW-10 MNW	783110.32	1009908.28	901.2	903.43	903.31	A	7/16/2021 1048	17.35	885.96	0.00	885.96	
MW-11 MNW	783091.739	1009374.519	898.70	900.07	899.63	A	7/16/2021 1037	19.75	879.88	0.00	879.88	
MW-14 MNW	783529.20	1009325.92	897.7	897.65	897.19	A	7/16/2021 0810	18.30	878.89	0.00	878.89	
MW-15 MNW	783688.49	1009313.79	899.3	899.34	898.91	A	7/16/2021 0800	21.40	877.51	0.00	877.51	
MW-17 MNW	783603.343	1008899.825	NA	NA	898.02	A	7/16/2021 0840	27.35	870.67	0.00	870.67	
MW-19R MNW	783487.831	1009653.617	900.83	900.83	900.13	A	7/16/2021 0814	19.10	881.03	0.00	881.03	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:
A Aquifer

Type:
MNW Monitoring Well
PZ Piezometer

TABLE 1
C.A.E. ELECTRONICS SITE
GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-20 MNW	784255.312	1009355.534	NA	NA	901.46	A	7/15/2021 1530	25.25	876.21	0.00	876.21	
MW-21 MNW	783341.391	1008608.369	899.75	899.84	899.68	A	7/15/2021 1645	30.10	869.58	0.00	869.58	
MW-22 MNW	783205.52	1009557.49	900.50	902.48	902.41	A	7/16/2021 1020	22.20	880.21	0.00	880.21	
MW-23 MNW	782908.346	1007833.498	852.34	NA	852.34	A	7/15/2021 1045	13.95	838.39	0.00	838.39	
MW-24 MNW	783589.453	1008120.387	878.80	878.77	878.59	A	7/15/2021 1655	31.98	846.61	0.00	846.61	
MW-25 MNW	784281.169	1008519.761	NA	NA	854.26	A	7/15/2021 1255	5.40	848.86	0.00	848.86	
MW-26 MNW	782806.175	1010342.789	NA	NA	911.44	A	7/16/2021 1112	12.90	898.54	0.00	898.54	
MW-27 MNW	785233.10	1009349.92	891.0	890.97	890.37	A	7/15/2021 1335	25.50	864.87	0.00	864.87	
MW-28R MNW	783673.1878	1009923.4735	901.5	901.50	900.93	A	7/16/2021 0825	18.70	882.23	0.00	882.23	
NW-06 MNW	783574.210	1008532.173	887.56	887.56	887.15	A	7/15/2021 1630	21.55	865.60	0.00	865.60	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:
A Aquifer

Type:
MNW Monitoring Well
PZ Piezometer

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			CAE-MW-03	CAE-MW-03	MW-02	MW-02	MW-03
Sample ID			CAE-MW-03	CAE-MW-03	MW-02	MW-02	MW-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/16/21	11/02/17	07/16/21	07/25/13
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	2.5 BJ		2.3 BJ	13 J	
Chloroform	UG/L	7			0.25 J		
Cyclohexane	UG/L	NS			0.40 J	0.31 J	
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5			0.50 J		
Trichloroethene	UG/L	5			0.62 J	38	1.6

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-03	MW-03	MW-06	MW-06	MW-07-01
Sample ID			MW-03	MW-03	MW-06	MW-06	MW-07-01
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/16/21	11/02/17	07/16/21	07/16/21
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	0.89 J				
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	0.21 J				
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5			0.37 J		
Acetone	UG/L	50	2.4 J	3.6 J	2.3 BJ	14 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS		0.24 J			
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5			0.45 J		
Trichloroethene	UG/L	5	1.8	0.99 J	12	11 J	0.73 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-02	MW-07-02	MW-07-02	MW-07-03	MW-07-03
Sample ID			MW-07-02	MW-07-02	MW-07-02	MW-07-03	MW-07-03
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	07/16/21	07/25/13	11/02/17
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		1.6 J			
Chloroform	UG/L	7		0.29 J			0.24 J
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5		0.45 J			
Trichloroethene	UG/L	5		0.35 J			0.39 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

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B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-03	MW-07-04	MW-07-04	MW-07-04	MW-07-05
Sample ID			MW-07-03	MW-07-04	MW-07-04	MW-07-04	MW-07-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/15/21	07/25/13	11/02/17	07/15/21	07/25/13
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5			0.66 J		
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1			0.29 J		
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50			2.4 J	3.0 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS	0.39 J				
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5		1.8	0.78 J	0.58 J	1.9

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-05	MW-07-05	MW-07-06	MW-07-06	MW-07-06
Sample ID			MW-07-05	MW-07-05	MW-07-06	MW-07-06	MW-07-06
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/15/21	07/24/13	11/01/17	07/15/21
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	0.23 J				
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	1.8 J	3.4 J		1.6 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS		0.32 J			0.35 J
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5	0.35 J				
Trichloroethene	UG/L	5	1.2	0.78 J	3.6	1.0	0.56 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-07	MW-07-07	MW-07-07	MW-07-08	MW-07-08
Sample ID			MW-07-07	MW-07-07	MW-07-07	FD-1-072513	MW-07-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/24/13	11/01/17	07/15/21	07/25/13	07/25/13
Parameter	**Units**	*				Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1		0.24 J			
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		2.6 J			
Chloroform	UG/L	7		0.80 J	0.36 J		
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	2.4	2.0	1.5 J	2.4	2.2

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-08	MW-07-08	MW-07-09	MW-07-09	MW-07-09
Sample ID			MW-07-08	MW-07-08	MW-07-09	MW-07-09	MW-07-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/15/21	07/24/13	11/01/17	07/15/21
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	0.34 J				
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	0.19 J				
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	3.1 J			1.9 J	3.6 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS		0.49 J			
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5				0.60 J	
Trichloroethene	UG/L	5	0.87 J	0.76 J		0.59 J	

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-10	MW-07-10	MW-07-10	MW-07-10	MW-07-11
Sample ID			FD-1-072413	MW-07-10	MW-07-10	MW-07-10	MW-07-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/24/13	07/24/13	11/01/17	07/15/21	07/24/13
Parameter	**Units**	*	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5			0.28 J		
Acetone	UG/L	50			2.9 J		
Chloroform	UG/L	7					1.2
Cyclohexane	UG/L	NS				0.44 J	
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5			0.91 J		
Trichloroethene	UG/L	5	2.0	3.0	0.71 J		

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-07-11	MW-07-11	MW-07R	MW-07R	MW-09
Sample ID			MW-07-11	MW-07-11	MW-07R	MW-07R	FD-2-072513
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/01/17	07/15/21	11/02/17	07/16/21	07/25/13
Parameter	**Units**	*					Field Duplicate (1-1)
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5			0.47 J		
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	3.3 J		2.7 BJ	3.8 J	
Chloroform	UG/L	7	3.5				
Cyclohexane	UG/L	NS		0.36 J			
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.25 J		0.90 J	0.53 J	

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-09	MW-09	MW-09	MW-10	MW-10
Sample ID			MW-09	MW-09	MW-09	MW-10	MW-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	07/16/21	07/25/13	11/02/17
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5				3.0	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		2.6 BJ	4.1 J		1.8 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS			0.24 J		
Tetrachloroethene	UG/L	5					0.40 J
Toluene	UG/L	5					
Trichloroethene	UG/L	5	2.4	1.2	0.93 J	3.2	1.8

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-10	MW-11	MW-11	MW-11	MW-14
Sample ID			MW-10	MW-11	MW-11	MW-11	MW-14
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/16/21	07/25/13	11/02/17	07/16/21	07/25/13
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		1.1	0.83 J		
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	3.3 J		3.0 BJ	4.5 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.86 J	1.4	1.8	2.3	1.1

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-14	MW-14	MW-15	MW-15	MW-15
Sample ID			MW-14	MW-14	MW-15	MW-15	MW-15
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/16/21	07/25/13	11/02/17	07/16/21
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	0.51 J			0.48 J	
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	0.23 J				
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	2.3 J			2.0 J	3.1 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS		0.51 J			0.22 J
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.79 J		1.6	0.76 J	0.56 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-17	MW-17	MW-17	MW-17	MW-17
Sample ID			MW-17	FD-110217-2	MW-17	FD-071621	MW-17
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	11/02/17	07/16/21	07/16/21
Parameter	**Units**	*		Field Duplicate (1-1)		Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	4.9	3.5	2.2	2.8	2.6
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	1.6	1.1	1.0	1.1	1.2
1,1-Dichloroethene	UG/L	5	3.7	1.7	1.0		
1,2-Dichloroethene (cis)	UG/L	5		0.35 J	0.36 J		
Acetone	UG/L	50		2.8 J		20 J	19 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS				0.23 J	0.28 J
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	190	67	41	36	35

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-19R	MW-19R	MW-19R	MW-20	MW-20
Sample ID			FD-110217-1	MW-19R	MW-19R	MW-20	MW-20
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	11/02/17	07/16/21	07/25/13	11/01/17
Parameter	**Units**	*	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					0.16 J
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	2.9 J	2.6 J			
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS			0.40 J		
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.59 J	0.50 J		12	0.90 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-20	MW-21	MW-21	MW-21	MW-21
Sample ID			MW-20	MW-21	FD-110117	MW-21	MW-21
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/15/21	07/24/13	11/01/17	11/01/17	07/15/21
Parameter	Units	*			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		1.2	0.88 J	0.97 J	
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5		9.7	4.3	4.5	5.8
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50			4.2 J	9.6	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS	0.31 J				
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.53 J	1.9	0.78 J	0.79 J	0.47 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-22	MW-22	MW-22	MW-23	MW-23
Sample ID			MW-22	MW-22	MW-22	MW-23	MW-23
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	07/16/21	11/01/17	07/15/21
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50				2.4 J	7.2 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS			0.33 J		0.41 J
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5				0.28 J	
Trichloroethene	UG/L	5		2.0	1.3		

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

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Concentration Exceeds

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B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-24	MW-24	MW-25	MW-25	MW-25
Sample ID			MW-24	MW-24	MW-25	MW-25	MW-25
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/01/17	07/15/21	07/24/13	11/01/17	07/15/21
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5				0.47 J	
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1				0.19 J	
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	6.0			1.2 J	8.5 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS		0.28 J			1.0
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.66 J	0.53 J	2.6	1.3	1.3

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-26	MW-27	MW-27	MW-27	MW-27
Sample ID			MW-26	MW-27	MW-27	FD-071521	MW-27
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/16/21	07/24/13	11/01/17	07/15/21	07/15/21
Parameter	**Units**	*				Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50			3.6 J	3.5 J	3.7 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5			1.2	0.53 J	0.55 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			MW-28R	MW-28R	MW-28R	NW-05	NW-05
Sample ID			MW-28R	MW-28R	MW-28R	NW-05	NW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	07/16/21	07/25/13	11/02/17
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		1.9 J	5.2 J		2.1 J
Chloroform	UG/L	7					0.23 J
Cyclohexane	UG/L	NS			0.28 J		
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					0.30 J
Trichloroethene	UG/L	5	1.8	1.1	0.58 J		0.31 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			NW-05	NW-06	NW-06	NW-06	NW-07
Sample ID			NW-05	NW-06	NW-06	NW-06	NW-07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/16/21	07/24/13	11/01/17	07/15/21	07/25/13
Parameter	**Units**	*					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		1.4	0.63 J		
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	2.2	4.8	1.1	1.1	
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50			4.2 J		
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS	0.61 J			0.28 J	
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.71 J	1.1	0.50 J	0.75 J	1.7

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS SITE
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013, 2017, AND 2021 SAMPLING EVENTS

Location ID			NW-07
Sample ID			NW-07
Matrix			Groundwater
Depth Interval (ft)			-
Date Sampled			11/02/17
Parameter	**Units**	*	
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	5	0.41 J
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	
1,1,2-Trichloroethane	UG/L	1	
1,1-Dichloroethene	UG/L	5	
1,2-Dichloroethene (cis)	UG/L	5	
Acetone	UG/L	50	2.2 J
Chloroform	UG/L	7	
Cyclohexane	UG/L	NS	
Tetrachloroethene	UG/L	5	
Toluene	UG/L	5	
Trichloroethene	UG/L	5	0.98 J

*- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised June 2004, Class GA.

Flags assigned during chemistry validation are shown.

(oval) Concentration Exceeds

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

APPENDIX A

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: CAE-MW-03
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☒Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 37.27
10. Screened interval/open hole (fbgs) _____
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0916
15. Depth to Ground Water Depth to ground water at time of deployment 23.19
16. Date and Time of Retrieval Date: 7/16/21 Time: 0955
17. Depth to Ground Water Depth to ground water at time of retrieval 20.30
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~35			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 58°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 74°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-02
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☒Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) —
9. Total Well Depth (fbgs) ~~BTOR~~ 32.87
10. Screened interval/open hole (fbgs) 23-33
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0930
15. Depth to Ground Water Depth to ground water at time of deployment 23.34
16. Date and Time of Retrieval Date: 7/16/21 Time: 1010
17. Depth to Ground Water Depth to ground water at time of retrieval 21.25
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~30			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: —
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: —
    Type of flow meter used: —
    Measurements taken every — feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 59°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 76°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-03
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 36.95
10. Screened interval/open hole (fbgs) 23.3 - 38.3
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0822
15. Depth to Ground Water Depth to ground water at time of deployment 29.50
16. Date and Time of Retrieval Date: 7/16/21 Time: 0935
17. Depth to Ground Water Depth to ground water at time of retrieval 28.55
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~33			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 57°F Wind Breezy ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 74°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-06
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☒Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) ____
9. Total Well Depth ~~(fbgs)~~ BTOR 42.25 (well silted up)
10. Screened interval/open hole (fbgs) 40-55
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 09:44
15. Depth to Ground Water Depth to ground water at time of deployment ~~1025~~ 2382
16. Date and Time of Retrieval Date: 7/16/21 Time: 1025
17. Depth to Ground Water Depth to ground water at time of retrieval 21.55
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
   ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
   ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
   ☐Attached to bottom of PDBS and suspended in well
   ☐Attached to bottom of deployment line and suspended in well
   ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~48.0	SET ON BOTTOM		

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
   ☒**No**, ~~this well is being profiled during this sampling round~~
   ☐**Yes**, this well was profiled already. Date when well was profiled: ____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
   ☒**No**, flow testing has not been conducted in this well
   ☐**Yes**, flow testing of this well was conducted. Date of testing: ____
   Type of flow meter used: ____
   Measurements taken every ____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 60°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 77°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-01
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 20.13
10. Screened interval/open hole (fbgs) 10.5 - 20.5'
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 1130
15. Depth to Ground Water Depth to ground water at time of deployment 16.58
16. Date and Time of Retrieval Date: 7/16/21 Time: 1135
17. Depth to Ground Water Depth to ground water at time of retrieval 14.25
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
19.25' on Bottom			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 63°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 79°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-02
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (~~fbgs~~) BTOC 24.63
10. Screened interval/open hole (fbgs) 15-25
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 1109
15. Depth to Ground Water Depth to ground water at time of deployment 20.38
16. Date and Time of Retrieval Date: 7/16/21 Time: 1135
17. Depth to Ground Water Depth to ground water at time of retrieval 18.30
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
23.25'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 63°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 79°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-03
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 27.05
10. Screened interval/open hole (fbgs) 17.5 - 27.5
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 1150
15. Depth to Ground Water Depth to ground water at time of deployment 21.52
16. Date and Time of Retrieval Date: 7/15/21 Time: 1600
17. Depth to Ground Water Depth to ground water at time of retrieval 19.55
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
   ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
   ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
   ☐Attached to bottom of PDBS and suspended in well
   ☐Attached to bottom of deployment line and suspended in well
   ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~24.25			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
   ☒**No**, ~~this well is being profiled during this sampling round~~
   ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
   ☒**No**, flow testing has not been conducted in this well
   ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
   Type of flow meter used: _____
   Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 63°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 80°F Wind LIGHT ☒Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-04
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) —
9. Total Well Depth (fbgs) BTOC 32.29
10. Screened interval/open hole (fbgs) 22.5 - 32.5
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1620
15. Depth to Ground Water Depth to ground water at time of deployment —
16. Date and Time of Retrieval Date: 7/15/21 Time: 1440
17. Depth to Ground Water Depth to ground water at time of retrieval 23.48
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~29			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: —
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: —
    Type of flow meter used: —
    Measurements taken every — feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79F Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 78°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-05
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BToR 30.08
10. Screened interval/open hole (fbgs) _____
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1427
15. Depth to Ground Water Depth to ground water at time of deployment 27.33
16. Date and Time of Retrieval Date: 7/15/21 Time: 1550
17. Depth to Ground Water Depth to ground water at time of retrieval 25.20
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~29.3 (on bottom)			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 79°F Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 80°F Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-06
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 31.69
10. Screened interval/open hole (fbgs) 22-32
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1505
15. Depth to Ground Water Depth to ground water at time of deployment 26.55
16. Date and Time of Retrieval Date: 7/15/21 Time: 1520
17. Depth to Ground Water Depth to ground water at time of retrieval 24.45
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~29			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 78°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-07
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOC 37.90
10. Screened interval/open hole (fbgs) 28-38
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 11.25
15. Depth to Ground Water Depth to ground water at time of deployment 33.20
16. Date and Time of Retrieval Date: 7/15/21 Time: 1500
17. Depth to Ground Water Depth to ground water at time of retrieval 30.65
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~36.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79 Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 78 Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-08
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 26.84
10. Screened interval/open hole (fbgs) 17-27
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1441
15. Depth to Ground Water Depth to ground water at time of deployment 20.48
16. Date and Time of Retrieval Date: 7/15/21 Time: 1615
17. Depth to Ground Water Depth to ground water at time of retrieval 19.00
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~24.			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 82°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-09
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) ____
9. Total Well Depth (fbgs) BTOC 21.48
10. Screened interval/open hole (fbgs) 9-22
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1030
15. Depth to Ground Water Depth to ground water at time of deployment 16.45
16. Date and Time of Retrieval Date: 7/15/21 Time: 1245
17. Depth to Ground Water Depth to ground water at time of retrieval 12.70
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
   ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
   ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
   ☐Attached to bottom of PDBS and suspended in well
   ☐Attached to bottom of deployment line and suspended in well
   ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~20'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
   ☒**No**, ~~this well is being profiled during this sampling round~~
   ☐**Yes**, this well was profiled already. Date when well was profiled: ____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
   ☒**No**, flow testing has not been conducted in this well
   ☐**Yes**, flow testing of this well was conducted. Date of testing: ____
   Type of flow meter used: ____
   Measurements taken every ____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 76°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-10
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 24.38
10. Screened interval/open hole (fbgs) 15-25
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1000
15. Depth to Ground Water Depth to ground water at time of deployment 19.90
16. Date and Time of Retrieval Date: 7/15/21 Time: ~~1595~~ 1225
17. Depth to Ground Water Depth to ground water at time of retrieval 15.95
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~22.5'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 76°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-11
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 27.67
10. Screened interval/open hole (fbgs) 13-28
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1230
15. Depth to Ground Water Depth to ground water at time of deployment 20.79
16. Date and Time of Retrieval Date: 7/15/21 Time: 1310
17. Depth to Ground Water Depth to ground water at time of retrieval 16.25
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 78°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07R
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 37.90
10. Screened interval/open hole (fbgs) 19 - 39
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0835
15. Depth to Ground Water Depth to ground water at time of deployment 19.80
16. Date and Time of Retrieval Date: 7/16/21 Time: 0750
17. Depth to Ground Water Depth to ground water at time of retrieval 17.65
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~36			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~.
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 58°F Wind Breezy ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 72°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-09
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount SLIGHTLY ABOVE GRADE
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth ~~(fbgs)~~ BTOR: 35.36
10. Screened interval/open hole (fbgs): 20-35
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot): Screen Slot Size 0.010"

14. Date and Time of Deployment: Date: 5/27/21 Time: 1017
15. Depth to Ground Water: Depth to ground water at time of deployment 21.20
16. Date and Time of Retrieval: Date: 7/16/21 Time: 1103
17. Depth to Ground Water: Depth to ground water at time of retrieval 18.95
18. Type of Deployment Line Used: Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight: 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used:
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS: Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight:
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS):

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~27'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~.
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment: Temp. 61°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval: Temp. 78°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-10
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☒Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (~~fbgs~~ BTOR): 32.38
10. Screened interval/open hole (fbgs): 15-30
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot): Screen Slot Size 0.010"

14. Date and Time of Deployment: Date: 5/27/21 Time: 1004
15. Depth to Ground Water: Depth to ground water at time of deployment 19.49
16. Date and Time of Retrieval: Date: 7/16/21 Time: 1048
17. Depth to Ground Water: Depth to ground water at time of retrieval 17.35
18. Type of Deployment Line Used: Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight: 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used:
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS: Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight:
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS):

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment: Temp. 61°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval: Temp. 78°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-11
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☒Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (~~fbgs~~) BTOR 38.90
10. Screened interval/open hole (fbgs) 25 - 40
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0956
15. Depth to Ground Water Depth to ground water at time of deployment 22.40
16. Date and Time of Retrieval Date: 7/16/21 Time: 1037
17. Depth to Ground Water Depth to ground water at time of retrieval 19.75
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~32'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 61° Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 77° Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-14
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 32.19
10. Screened interval/open hole (fbgs) 20-35
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1810
15. Depth to Ground Water Depth to ground water at time of deployment 20.45
16. Date and Time of Retrieval Date: 7/16/21 Time: 0810
17. Depth to Ground Water Depth to ground water at time of retrieval 18.30
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~27			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒ Sunny ☐ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 72°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-15
4. Well Permit Number: —

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 39.25
10. Screened interval/open hole (fbgs) 25-40
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1745
15. Depth to Ground Water Depth to ground water at time of deployment 22.79
16. Date and Time of Retrieval Date: 7/16/21 Time: 080
17. Depth to Ground Water Depth to ground water at time of retrieval 21.40
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
   ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
   ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
   ☐ Attached to bottom of PDBS and suspended in well
   ☐ Attached to bottom of deployment line and suspended in well
   ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~32			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
   ☒ **No**, ~~this well is being profiled during this sampling round~~
   ☐ **Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
   ☒ **No**, flow testing has not been conducted in this well
   ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
   Type of flow meter used: _____
   Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒ Sunny ☐ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 72°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-17
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 42.68
10. Screened interval/open hole (fbgs) 30-45
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0740
15. Depth to Ground Water Depth to ground water at time of deployment 28.14
16. Date and Time of Retrieval Date: 7/16/21 Time: 0840
17. Depth to Ground Water Depth to ground water at time of retrieval 27.35
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~37			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 57°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 74°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-19R
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) ____
9. Total Well Depth (fbgs) BTOR 26.65
10. Screened interval/open hole (fbgs) 12-27
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1700
15. Depth to Ground Water Depth to ground water at time of deployment 21.45
16. Date and Time of Retrieval Date: 7/16/21 Time: 0814
17. Depth to Ground Water Depth to ground water at time of retrieval 19.10
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~24.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: ____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: ____
    Type of flow meter used: ____
    Measurements taken every ____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 72°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-20
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 36.52
10. Screened interval/open hole (fbgs) 35-40
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1550
15. Depth to Ground Water Depth to ground water at time of deployment 26.56
16. Date and Time of Retrieval Date: 7/15/21 Time: 1530
17. Depth to Ground Water Depth to ground water at time of retrieval 25.25
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~34.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round.~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 80°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-21
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOC 35.38
10. Screened interval/open hole (fbgs) 32-37
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1400
15. Depth to Ground Water Depth to ground water at time of deployment 30.85
16. Date and Time of Retrieval Date: 7/15/21 Time: 1645
17. Depth to Ground Water Depth to ground water at time of retrieval 30.10
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~34			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 82°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-22
4. Well Permit Number: ~

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 31.90
10. Screened interval/open hole (fbgs) 15-30
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0938
15. Depth to Ground Water Depth to ground water at time of deployment 23.96
16. Date and Time of Retrieval Date: 7/16/21 Time: 1020
17. Depth to Ground Water Depth to ground water at time of retrieval 22.20
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~28			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 60°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 77°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-23
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOC 25.71
10. Screened interval/open hole (fbgs) 12-27
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1142
15. Depth to Ground Water Depth to ground water at time of deployment 16.56
16. Date and Time of Retrieval Date: 7/15/21 Time: 1045
17. Depth to Ground Water Depth to ground water at time of retrieval 13.95
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
   ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
   ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
   ☐Attached to bottom of PDBS and suspended in well
   ☐Attached to bottom of deployment line and suspended in well
   ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
   ☒**No**, ~~this well is being profiled during this sampling round~~
   ☐**Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
   ☒**No**, flow testing has not been conducted in this well
   ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
   Type of flow meter used: _____
   Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 79 Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 76 Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-24
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 42.48
10. Screened interval/open hole (fbgs) 27-42
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1335
15. Depth to Ground Water Depth to ground water at time of deployment 35.52
16. Date and Time of Retrieval Date: 7/15/21 Time: 1655
17. Depth to Ground Water Depth to ground water at time of retrieval 31.98
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~40.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 82°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-25
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 24.10
10. Screened interval/open hole (fbgs) 19-24
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1204
15. Depth to Ground Water Depth to ground water at time of deployment 7.04
16. Date and Time of Retrieval Date: 7/15/21 Time: 1255
17. Depth to Ground Water Depth to ground water at time of retrieval 5.40
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~21.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 76°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-26
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 26.90
10. Screened interval/open hole (fbgs) UNKNOWN
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 1034
15. Depth to Ground Water Depth to ground water at time of deployment 15.59
16. Date and Time of Retrieval Date: _____ Time: _____
17. Depth to Ground Water Depth to ground water at time of retrieval _____
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25.75'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 62°F Wind BREEZY ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 79°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-27
4. Well Permit Number: —

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR: 29.28
10. Screened interval/open hole (fbgs): 19-31
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot): Screen Slot Size 0.010"

14. Date and Time of Deployment: Date: 5/26/21 Time: 1112
15. Depth to Ground Water: Depth to ground water at time of deployment 26.42
16. Date and Time of Retrieval: Date: 7/15/21 Time: 1335
17. Depth to Ground Water: Depth to ground water at time of retrieval 25.50
18. Type of Deployment Line Used: Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight: 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used:
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS: Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight:
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS):

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~28.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No,** ~~this well is being profiled during this sampling round~~
    ☐ **Yes,** this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No,** flow testing has not been conducted in this well
    ☐ **Yes,** flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment: Temp. 79°F Wind LIGHT ☒ Sunny ☐ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval: Temp. 78°F Wind LIGHT ☒ Sunny ☐ Overcast ☐ Raining ☐ Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-28R
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOC 30.34
10. Screened interval/open hole (fbgs) 16-31
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1720
15. Depth to Ground Water Depth to ground water at time of deployment 20.65
16. Date and Time of Retrieval Date: 7/16/21 Time: 0825
17. Depth to Ground Water Depth to ground water at time of retrieval 18.70
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~26			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 79°F Wind Light ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 72°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: NW-05
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 37.30
10. Screened interval/open hole (fbgs) 28-38
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/27/21 Time: 0802
15. Depth to Ground Water Depth to ground water at time of deployment 28.95
16. Date and Time of Retrieval Date: 7/16/21 Time: 0910
17. Depth to Ground Water Depth to ground water at time of retrieval 27.95
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~33'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No,** ~~this well is being profiled during this sampling round~~
    ☐**Yes,** this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No,** flow testing has not been conducted in this well
    ☐**Yes,** flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 57°F Wind Breezy ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 74°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: NW-06
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) ____
9. Total Well Depth (fbgs) ETOR 27.80
10. Screened interval/open hole (fbgs) 18-28
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: 5/26/21 Time: 1300
15. Depth to Ground Water Depth to ground water at time of deployment 22.14
16. Date and Time of Retrieval Date: 7/15/21 Time: 1630
17. Depth to Ground Water Depth to ground water at time of retrieval 21.55
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~26.5'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: ____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: ____
    Type of flow meter used: ____
    Measurements taken every ____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. 79°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 82°F Wind LIGHT ☒Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: NW-07
4. Well Permit Number: —

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☐Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.
   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) _____
10. Screened interval/open hole (fbgs) _____
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"

14. Date and Time of Deployment Date: _____ Time: _____
15. Depth to Ground Water Depth to ground water at time of deployment _____
16. Date and Time of Retrieval Date: _____ Time: _____
17. Depth to Ground Water Depth to ground water at time of retrieval _____
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly

COULD NOT FIND WELL — DESTROYED

19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____

25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**

26. Weather Conditions During Deployment Temp. _____ Wind _____ ☐Sunny ☐Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. _____ Wind _____ ☐Sunny ☐Overcast ☐Raining ☐Snowing

28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	AECOM

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

APPENDIX B

DATA USABILITY SUMMARY REPORT

FOR

C.A.E. Electronics #704015
Water Samples

VOA
SDG No. 480-187372-1

Sampling Date: July 15-16, 2021

Submitted to:

AECOM
One John James Audubon Parkway
Suite 210
Amherst, New York, USA
716-313-0870

Prepared by:

Environmental Occupational & Public Health Consultants Inc. (EOPHC)
Environmental Data Validation Inc. (EDV, Inc.)
1326 Orangewood Ave
Pittsburgh, PA 15216
(412) 341-5281

Site: C.A.E. Electronics #704015
Client: A E C O M
Laboratory: Eurofins TestAmerica

SDG #: 480-187372-1
Date: October 7, 2021
Reviewer: K. Grasso

Sample Identification Table

Client Sample ID	Laboratory ID	Matrix	VOC
MW-23	480-187372-1	Water	X
MW-07-10	480-187372-2	Water	X
MW-07-09	480-187372-3	Water	X
MW-25	480-187372-4	Water	X
MW-07-11	480-187372-5	Water	X
MW-27	480-187372-6	Water	X
FD-071521	480-187372-7	Water	X
MW-07-07	480-187372-8	Water	X
MW-07-06	480-187372-9	Water	X
MW-20	480-187372-10	Water	X
MW-07-05	480-187372-11	Water	X
MW-07-03	480-187372-12	Water	X
MW-07-08	480-187372-13	Water	X
NW-06	480-187372-14	Water	X
MW-21	480-187372-15	Water	X
MW-24	480-187372-16	Water	X
MW-07R	480-187372-17	Water	X
MW-15	480-187372-18	Water	X
MW-14	480-187372-19	Water	X
MW-19R	480-187372-20	Water	X
MW-28R	480-187372-21	Water	X
MW-17	480-187372-22	Water	X
FD-071621	480-187372-23	Water	X
NW-05	480-187372-24	Water	X
MW-03	480-187372-25	Water	X
CAE-MW-03	480-187372-26	Water	X
MW-02	480-187372-27	Water	X
MW-22	480-187372-28	Water	X
MW-06	480-187372-29	Water	X
MW-11	480-187372-30	Water	X
MW-10	480-187372-31	Water	X
MW-09	480-187372-32	Water	X
MW-26	480-187372-33	Water	X
MW-07-02	480-187372-34	Water	X
MW-07-01	480-187372-35	Water	X
TB-071621	480-187372-36	Water	X
MW-07-04	480-187372-37	Water	X

This sample delivery group (SDG) contains volatile organic compound (VOC) results for thirty-seven (37) water samples, including two (2) field duplicate samples and one (1) trip blank sample. Two MS/MSD pairs are also included with this SDG. The samples were analyzed, per client request, using USEPA SW-846 Method 8260C. The adherence of laboratory analytical performance to this method's analytical specifications was evaluated during the data validation process. The data package was evaluated for its usability, as defined by the Guidance for the Development of Data Usability Summary Reports (DER-10, 11/09). The USEPA Region II standard operating procedures were used as guidance documents for data validation. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following Quality Control (QC) data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, laboratory control/QC standards, surrogate recoveries, spike recoveries, and sample data.

The following Attachments are included in this report: validated Form 1s are presented in Attachment A; and Case Narrative and Chain of Custody (COC) records are presented in Attachment B.

A description of the information that was examined during the data validation process and any deficiencies noted, is summarized below :

1. Cover letter, Narrative and Data Reporting Forms (Form 1s): The deficiencies noted in the case narrative that affect data usability are discussed in applicable sections. Data that have no impact on data usability are not discussed.
2. Chain of Custody (COC): Results for all samples listed in the Sample Identification Table were present on the COC.
3. Preservation: Preservation for all samples was acceptable.
4. Holding Time: Samples were analyzed within holding times.
5. Blanks Quality Control: There was no method or trip blank contamination.
6. Calibration Quality Control: There were deficiencies noted during calibration. These calibration deficiencies resulted in qualification of compounds as estimated, J, for positively reported compounds and UJ, for not detected compounds. The following table details the compounds experiencing calibration deficiencies, affected samples, and resulting qualifiers:

Calibration Deficiency Table

Compound (s)	Associated Sample ID	Qualifier(s)
Acetone tert-Butyl alcohol 1,2-Dichloroethane Bromoform	MW-23 MW-07-10 MW-07-09 MW-25 MW-07-11 MW-27 FD-071521 MW-07-07 MW-07-06 MW-20 MW-07-05 MW-07-03 MW-07-08 NW-06	UJ (non-detects) J (positive results)

Compound (s)	Associated Sample ID	Qualifier(s)
	MW-21 MW-24 MW-07R MW-15 MW-14 MW-19R	
Dichlorodifluoromethane Acetone tert-Butyl alcohol	MW-28R MW-17 FD-071621 NW-05 MW-03 CAE-MW-03 MW-02 MW-22 MW-06 MW-11 MW-10 MW-09 MW-26 MW-07-02 MW-07-01 TB-071621 MW-07-04	UJ (non-detects) J (positive results)

7. Laboratory Control Sample (LCS): There were two laboratory control samples analyzed with the samples of this SDG. Each LCS experienced recoveries for both tert-butyl alcohol and acetone that were outside of acceptance limits. However, since these compounds were previously qualified due to calibration issues, no further action was necessary.
8. Surrogates: The recoveries were acceptable.
9. Internal Standards: The recoveries were acceptable.
10. Matrix Spike (MS)/Matrix Spike Duplicate (MSD): There were two sample pairs submitted for MS/MSD analyses. There were many compounds in each MS/MSD pair with recoveries greater than acceptance limits. All these compounds were not detected in the parent samples, except for acetone in sample MW-06 and trichloroethene in both samples MW-07-07 and MW-06. The trichloroethene result, in each of these parent samples, was qualified as estimated, J, using professional judgment. The basis for qualification of this compound is that there were suspected matrix interferences, evidenced by many compounds with recoveries that exceeded acceptance limits in each parent sample. No qualification for acetone was necessary since this compound was previously qualified due to calibration issues.

MS/MSD Deficiency Table

Sample ID	Compound	Qualifier
MW-07-07	Trichloroethene	J
MW-06	Trichloroethene	J

11. Field Duplicate: There were two field duplicate samples submitted with this SDG. The Relative Percent Difference (RPD) was calculated when both parent and duplicate reported positive results. The following table describes the reported positive compound results and the corresponding RPD for the parent and field duplicate samples:

Field Duplicate Precision Tables

Compound	Sample ID Conc (ug/L) MW-27	Duplicate ID Conc (ug/L) FD-071521	RPD (%)
Acetone	3.7	3.5	6
Trichloroethylene	0.55	0.53	4

Compound	Sample ID Conc (ug/L) MW-17	Duplicate ID Conc (ug/L) FD-071621	RPD (%)
1,1,1-Trichloroethane	2.6	2.8	7
1,1,2-Trichloroethane	1.2	1.1	9
Acetone	19	20	5
Cyclohexane	0.28	0.23	20
Trichloroethylene	35	36	3

12. Compound Quantitation: There were no dilutions analyzed for the samples of this SDG. Therefore, the quantitation limit for each compound, including the Method Detection Limit (MDL) and the Reporting Limit (RL), was not elevated.

13. Method Detection Limit (MDL) and Reporting Limit (RL): Sample results were reported to the laboratory's MDL. Positive compound results above the MDL, but less than the RL, were qualified as estimated, J, by the laboratory in the "qualifier" column on the Form 1s to indicate this situation. These J qualifiers are present on the Form 1s for each sample in this SDG, where applicable, and are retained during the data validation process,

14. Additional Comments: Some Form 1s and case narratives report criteria outside of QC limits. During the validation process, if data were impacted due to a deficiency, it is discussed in this DUSR, including a description of the appropriate data validation qualifier(s) applied to sample results on the Form 1s and the Electronic Data Deliverable (EDD). Therefore, all discussions in the DUSR relate to all conditions that affected data usability.

15. Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable at the reporting limit.

ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)

Client Sample ID: MW-23
Lab Sample ID: 480-187372-1

Date Collected: 07/15/21 10:45
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 12:03	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 12:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 12:03	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 12:03	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 12:03	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 12:03	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 12:03	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 12:03	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 12:03	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 12:03	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 12:03	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 12:03	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 12:03	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 12:03	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 12:03	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 12:03	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 12:03	1
Acetone	J	**7.2**	J	10	3.0	ug/L			07/21/21 12:03	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 12:03	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 12:03	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 12:03	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 12:03	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 12:03	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 12:03	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 12:03	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 12:03	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 12:03	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 12:03	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 12:03	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 12:03	1
Cyclohexane		**0.41**	J	1.0	0.18	ug/L			07/21/21 12:03	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 12:03	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 12:03	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 12:03	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 12:03	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 12:03	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 12:03	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 12:03	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 12:03	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 12:03	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 12:03	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 12:03	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 12:03	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 12:03	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 12:03	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 12:03	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 12:03	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 12:03	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 12:03	1

Client Sample ID: MW-23
Lab Sample ID: 480-187372-1
Date Collected: 07/15/21 10:45
Matrix: Water
Date Received: 07/17/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		07/21/21 12:03	1
4-Bromofluorobenzene (Surr)	109		73 - 120		07/21/21 12:03	1
Dibromofluoromethane (Surr)	103		75 - 123		07/21/21 12:03	1
Toluene-d8 (Surr)	93		80 - 120		07/21/21 12:03	1

Client Sample ID: MW-07-10
Lab Sample ID: 480-187372-2
Date Collected: 07/15/21 12:25
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 12:26	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 12:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 12:26	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 12:26	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 12:26	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 12:26	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 12:26	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 12:26	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 12:26	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 12:26	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 12:26	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 12:26	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 12:26	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 12:26	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 12:26	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 12:26	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 12:26	1
Acetone	UJ	ND		10	3.0	ug/L			07/21/21 12:26	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 12:26	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 12:26	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 12:26	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 12:26	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 12:26	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 12:26	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 12:26	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 12:26	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 12:26	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 12:26	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 12:26	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 12:26	1
Cyclohexane		**0.44**	**J**	1.0	0.18	ug/L			07/21/21 12:26	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 12:26	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 12:26	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 12:26	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 12:26	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 12:26	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 12:26	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 12:26	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 12:26	1

Client Sample ID: MW-07-10
Lab Sample ID: 480-187372-2

Date Collected: 07/15/21 12:25
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene		ND		1.0	0.73	ug/L			07/21/21 12:26	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 12:26	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 12:26	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 12:26	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 12:26	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 12:26	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 12:26	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 12:26	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 12:26	1
tert-Butyl alcohol (TBA)	UJ	ND	^+	10	3.3	ug/L			07/21/21 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*07/21/21 12:26*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/21/21 12:26*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/21/21 12:26*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/21/21 12:26*	*1*

Client Sample ID: MW-07-09
Lab Sample ID: 480-187372-3

Date Collected: 07/15/21 12:45
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 12:50	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 12:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 12:50	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 12:50	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 12:50	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 12:50	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 12:50	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 12:50	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 12:50	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 12:50	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 12:50	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 12:50	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 12:50	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 12:50	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 12:50	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 12:50	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 12:50	1
Acetone	J	**3.6**	J ^+	10	3.0	ug/L			07/21/21 12:50	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 12:50	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 12:50	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 12:50	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 12:50	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 12:50	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 12:50	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 12:50	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 12:50	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 12:50	1

Client Sample ID: MW-07-09
Lab Sample ID: 480-187372-3

Date Collected: 07/15/21 12:45
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 12:50	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 12:50	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 12:50	1
Cyclohexane		ND		1.0	0.18	ug/L			07/21/21 12:50	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 12:50	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 12:50	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 12:50	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 12:50	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 12:50	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 12:50	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 12:50	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 12:50	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 12:50	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 12:50	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 12:50	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 12:50	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 12:50	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 12:50	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 12:50	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 12:50	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 12:50	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/21/21 12:50*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/21/21 12:50*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/21/21 12:50*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/21/21 12:50*	*1*

Client Sample ID: MW-25
Lab Sample ID: 480-187372-4

Date Collected: 07/15/21 12:55
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 13:13	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 13:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 13:13	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 13:13	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 13:13	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 13:13	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 13:13	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 13:13	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 13:13	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 13:13	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 13:13	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 13:13	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 13:13	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 13:13	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 13:13	1

Client Sample ID: MW-25
Lab Sample ID: 480-187372-4

Date Collected: 07/15/21 12:55
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 13:13	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 13:13	1
Acetone	J	**8.5**	~~J *+~~	10	3.0	ug/L			07/21/21 13:13	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 13:13	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 13:13	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 13:13	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 13:13	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 13:13	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 13:13	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 13:13	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 13:13	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 13:13	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 13:13	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 13:13	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 13:13	1
Cyclohexane		**1.0**		1.0	0.18	ug/L			07/21/21 13:13	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 13:13	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 13:13	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 13:13	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 13:13	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 13:13	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 13:13	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 13:13	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 13:13	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 13:13	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 13:13	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 13:13	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 13:13	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 13:13	1
Trichloroethene		**1.3**		1.0	0.46	ug/L			07/21/21 13:13	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 13:13	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 13:13	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 13:13	1
tert-Butyl alcohol (TBA)	UJ	ND	~~*+~~	10	3.3	ug/L			07/21/21 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/21/21 13:13*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/21/21 13:13*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*07/21/21 13:13*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*07/21/21 13:13*	*1*

Client Sample ID: MW-07-11
Lab Sample ID: 480-187372-5

Date Collected: 07/15/21 13:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 13:38	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 13:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 13:38	1

Client Sample ID: MW-07-11
Lab Sample ID: 480-187372-5

Date Collected: 07/15/21 13:10
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 13:38	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 13:38	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 13:38	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 13:38	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 13:38	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 13:38	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 13:38	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 13:38	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 13:38	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 13:38	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 13:38	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 13:38	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 13:38	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 13:38	1
Acetone	UJ	ND		10	3.0	ug/L			07/21/21 13:38	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 13:38	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 13:38	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 13:38	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 13:38	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 13:38	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 13:38	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 13:38	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 13:38	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 13:38	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 13:38	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 13:38	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 13:38	1
Cyclohexane		**0.36**	**J**	1.0	0.18	ug/L			07/21/21 13:38	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 13:38	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 13:38	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 13:38	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 13:38	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 13:38	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 13:38	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 13:38	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 13:38	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 13:38	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 13:38	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 13:38	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 13:38	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 13:38	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 13:38	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 13:38	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 13:38	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 13:38	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/21/21 13:38*	*1*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*07/21/21 13:38*	*1*

Client Sample ID: MW-07-11
Lab Sample ID: 480-187372-5

Date Collected: 07/15/21 13:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/21/21 13:38*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/21/21 13:38*	*1*

Client Sample ID: MW-27
Lab Sample ID: 480-187372-6

Date Collected: 07/15/21 13:35
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 14:01	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 14:01	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 14:01	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 14:01	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 14:01	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 14:01	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 14:01	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 14:01	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 14:01	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 14:01	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 14:01	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 14:01	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 14:01	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 14:01	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 14:01	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 14:01	1
Acetone	J	**3.7**	~~J **+~~	10	3.0	ug/L			07/21/21 14:01	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 14:01	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 14:01	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 14:01	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 14:01	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 14:01	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 14:01	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 14:01	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 14:01	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 14:01	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 14:01	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 14:01	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 14:01	1
Cyclohexane		ND		1.0	0.18	ug/L			07/21/21 14:01	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 14:01	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 14:01	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 14:01	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 14:01	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 14:01	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 14:01	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 14:01	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 14:01	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 14:01	1

Client Sample ID: MW-27
Lab Sample ID: 480-187372-6

Date Collected: 07/15/21 13:35
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 14:01	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 14:01	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 14:01	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 14:01	1
Trichloroethene		**0.55**	**J**	1.0	0.46	ug/L			07/21/21 14:01	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 14:01	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 14:01	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 14:01	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/21/21 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/21/21 14:01*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*07/21/21 14:01*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*07/21/21 14:01*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/21/21 14:01*	*1*

Client Sample ID: FD-071521
Lab Sample ID: 480-187372-7

Date Collected: 07/15/21 00:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 14:24	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 14:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 14:24	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 14:24	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 14:24	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 14:24	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 14:24	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 14:24	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 14:24	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 14:24	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 14:24	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 14:24	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 14:24	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 14:24	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 14:24	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 14:24	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 14:24	1
Acetone	J	**3.5**	J+	10	3.0	ug/L			07/21/21 14:24	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 14:24	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 14:24	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 14:24	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 14:24	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 14:24	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 14:24	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 14:24	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 14:24	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 14:24	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 14:24	1

Client Sample ID: FD-071521
Lab Sample ID: 480-187372-7

Date Collected: 07/15/21 00:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 14:24	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 14:24	1
Cyclohexane		ND		1.0	0.18	ug/L			07/21/21 14:24	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 14:24	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 14:24	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 14:24	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 14:24	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 14:24	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 14:24	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 14:24	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 14:24	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 14:24	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 14:24	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 14:24	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 14:24	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 14:24	1
Trichloroethene		**0.53**	**J**	1.0	0.46	ug/L			07/21/21 14:24	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 14:24	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 14:24	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 14:24	1
tert-Butyl alcohol (TBA)	UJ	ND	~~*1~~	10	3.3	ug/L			07/21/21 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/21/21 14:24*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/21/21 14:24*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/21/21 14:24*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/21/21 14:24*	*1*

Client Sample ID: MW-07-07
Lab Sample ID: 480-187372-8

Date Collected: 07/15/21 15:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND	~~F1~~	1.0	0.82	ug/L			07/21/21 14:47	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 14:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 14:47	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 14:47	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 14:47	1
1,1-Dichloroethene		ND	~~F1~~	1.0	0.29	ug/L			07/21/21 14:47	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 14:47	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 14:47	1
1,2-Dibromoethane		ND	~~F1~~	1.0	0.73	ug/L			07/21/21 14:47	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 14:47	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 14:47	1
1,2-Dichloropropane		ND	~~F1~~	1.0	0.72	ug/L			07/21/21 14:47	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 14:47	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 14:47	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 14:47	1
2-Hexanone		ND	~~F1~~	5.0	1.2	ug/L			07/21/21 14:47	1

Client Sample ID: MW-07-07
Lab Sample ID: 480-187372-8

Date Collected: 07/15/21 15:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 14:47	1
Acetone	UJ	ND	~~*1 F1~~	10	3.0	ug/L			07/21/21 14:47	1
Benzene		ND	~~F1~~	1.0	0.41	ug/L			07/21/21 14:47	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 14:47	1
Bromoform		ND		1.0	0.26	ug/L			07/21/21 14:47	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 14:47	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 14:47	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 14:47	1
Chlorobenzene		ND	~~F1~~	1.0	0.75	ug/L			07/21/21 14:47	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 14:47	1
Chloroform		**0.36**	**J**	1.0	0.34	ug/L			07/21/21 14:47	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 14:47	1
cis-1,2-Dichloroethene		ND	~~F1~~	1.0	0.81	ug/L			07/21/21 14:47	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 14:47	1
Cyclohexane		ND		1.0	0.18	ug/L			07/21/21 14:47	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 14:47	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 14:47	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 14:47	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 14:47	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 14:47	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 14:47	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 14:47	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 14:47	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 14:47	1
Tetrachloroethene		ND	~~F1~~	1.0	0.36	ug/L			07/21/21 14:47	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 14:47	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 14:47	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 14:47	1
Trichloroethene	J	**1.5**	~~F1~~	1.0	0.46	ug/L			07/21/21 14:47	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 14:47	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 14:47	1
Xylenes, Total		ND	~~F1~~	2.0	0.66	ug/L			07/21/21 14:47	1
tert-Butyl alcohol (TBA)	UJ	ND	~~*1 F1~~	10	3.3	ug/L			07/21/21 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/21/21 14:47*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*07/21/21 14:47*	*1*
Dibromofluoromethane (Surr)	*115*		*75 - 123*		*07/21/21 14:47*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*07/21/21 14:47*	*1*

Client Sample ID: MW-07-06
Lab Sample ID: 480-187372-9

Date Collected: 07/15/21 15:20
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 15:09	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 15:09	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 15:09	1

Client Sample ID: MW-07-06
Date Collected: 07/15/21 15:20
Date Received: 07/17/21 08:00

Lab Sample ID: 480-187372-9
Matrix: Water

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 15:09	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 15:09	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 15:09	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 15:09	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 15:09	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 15:09	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 15:09	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 15:09	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 15:09	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 15:09	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 15:09	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 15:09	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 15:09	1
Acetone	UJ	ND		10	3.0	ug/L			07/21/21 15:09	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 15:09	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 15:09	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 15:09	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 15:09	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 15:09	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 15:09	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 15:09	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 15:09	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 15:09	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 15:09	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 15:09	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 15:09	1
Cyclohexane		**0.35**	**J**	1.0	0.18	ug/L			07/21/21 15:09	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 15:09	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 15:09	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 15:09	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 15:09	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 15:09	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 15:09	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 15:09	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 15:09	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 15:09	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 15:09	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 15:09	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 15:09	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 15:09	1
Trichloroethene		**0.56**	**J**	1.0	0.46	ug/L			07/21/21 15:09	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 15:09	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 15:09	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 15:09	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/21/21 15:09*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*07/21/21 15:09*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 123*		*07/21/21 15:09*	*1*

Client Sample ID: MW-07-06
Lab Sample ID: 480-187372-9

Date Collected: 07/15/21 15:20
Matrix: Water
Date Received: 07/17/21 08:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		07/21/21 15:09	1

Client Sample ID: MW-20
Lab Sample ID: 480-187372-10

Date Collected: 07/15/21 15:30
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 15:33	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 15:33	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 15:33	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 15:33	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 15:33	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 15:33	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 15:33	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 15:33	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 15:33	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 15:33	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 15:33	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 15:33	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 15:33	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 15:33	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 15:33	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 15:33	1
Acetone	UJ	ND		10	3.0	ug/L			07/21/21 15:33	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 15:33	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 15:33	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 15:33	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 15:33	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 15:33	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 15:33	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 15:33	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 15:33	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 15:33	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 15:33	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 15:33	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 15:33	1
Cyclohexane		**0.31**	**J**	1.0	0.18	ug/L			07/21/21 15:33	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 15:33	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 15:33	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 15:33	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 15:33	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 15:33	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 15:33	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 15:33	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 15:33	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 15:33	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 15:33	1

Client Sample ID: MW-20
Lab Sample ID: 480-187372-10

Date Collected: 07/15/21 15:30
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene		ND		1.0	0.51	ug/L			07/21/21 15:33	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 15:33	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 15:33	1
Trichloroethene		**0.53**	**J**	1.0	0.46	ug/L			07/21/21 15:33	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 15:33	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 15:33	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 15:33	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/21/21 15:33*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/21/21 15:33*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/21/21 15:33*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/21/21 15:33*	*1*

Client Sample ID: MW-07-05
Lab Sample ID: 480-187372-11

Date Collected: 07/15/21 15:50
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 15:55	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 15:55	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 15:55	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 15:55	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 15:55	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 15:55	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 15:55	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 15:55	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 15:55	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 15:55	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 15:55	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 15:55	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 15:55	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 15:55	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 15:55	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 15:55	1
Acetone	J	**3.4**	**J**	10	3.0	ug/L			07/21/21 15:55	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 15:55	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 15:55	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 15:55	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 15:55	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 15:55	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 15:55	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 15:55	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 15:55	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 15:55	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 15:55	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 15:55	1

Client Sample ID: MW-07-05
Lab Sample ID: 480-187372-11
Date Collected: 07/15/21 15:50
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 15:55	1
Cyclohexane		**0.32**	**J**	1.0	0.18	ug/L			07/21/21 15:55	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 15:55	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 15:55	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 15:55	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 15:55	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 15:55	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 15:55	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 15:55	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 15:55	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 15:55	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 15:55	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 15:55	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 15:55	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 15:55	1
Trichloroethene		**0.78**	**J**	1.0	0.46	ug/L			07/21/21 15:55	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 15:55	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 15:55	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 15:55	1
tert-Butyl alcohol (TBA)	UJ	ND	+	10	3.3	ug/L			07/21/21 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/21/21 15:55*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*07/21/21 15:55*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/21/21 15:55*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/21/21 15:55*	*1*

Client Sample ID: MW-07-03
Lab Sample ID: 480-187372-12
Date Collected: 07/15/21 16:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 16:18	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 16:18	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 16:18	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 16:18	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 16:18	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 16:18	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 16:18	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 16:18	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 16:18	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 16:18	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 16:18	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 16:18	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 16:18	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 16:18	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 16:18	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 16:18	1

Client Sample ID: MW-07-03
Lab Sample ID: 480-187372-12
Date Collected: 07/15/21 16:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	UJ	ND	*+	10	3.0	ug/L			07/21/21 16:18	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 16:18	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 16:18	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 16:18	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 16:18	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 16:18	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 16:18	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 16:18	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 16:18	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 16:18	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 16:18	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 16:18	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 16:18	1
Cyclohexane		**0.39**	**J**	1.0	0.18	ug/L			07/21/21 16:18	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 16:18	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 16:18	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 16:18	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 16:18	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 16:18	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 16:18	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 16:18	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 16:18	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 16:18	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 16:18	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 16:18	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 16:18	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 16:18	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 16:18	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 16:18	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 16:18	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 16:18	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/21/21 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/21/21 16:18*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/21/21 16:18*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/21/21 16:18*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*07/21/21 16:18*	*1*

Client Sample ID: MW-07-08
Lab Sample ID: 480-187372-13
Date Collected: 07/15/21 16:15
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 16:41	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 16:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 16:41	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 16:41	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 16:41	1

Client Sample ID: MW-07-08
Lab Sample ID: 480-187372-13

Date Collected: 07/15/21 16:15
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 16:41	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 16:41	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 16:41	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 16:41	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 16:41	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 16:41	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 16:41	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 16:41	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 16:41	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 16:41	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 16:41	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 16:41	1
Acetone	UJ	ND	+	10	3.0	ug/L			07/21/21 16:41	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 16:41	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 16:41	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 16:41	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 16:41	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 16:41	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 16:41	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 16:41	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 16:41	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 16:41	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 16:41	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 16:41	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 16:41	1
Cyclohexane		**0.49**	**J**	1.0	0.18	ug/L			07/21/21 16:41	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 16:41	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 16:41	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 16:41	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 16:41	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 16:41	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 16:41	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 16:41	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 16:41	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 16:41	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 16:41	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 16:41	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 16:41	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 16:41	1
Trichloroethene		**0.76**	**J**	1.0	0.46	ug/L			07/21/21 16:41	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 16:41	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 16:41	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 16:41	1
tert-Butyl alcohol (TBA)	UJ	ND	+	10	3.3	ug/L			07/21/21 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/21/21 16:41*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*07/21/21 16:41*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*07/21/21 16:41*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/21/21 16:41*	*1*

Client Sample ID: NW-06
Lab Sample ID: 480-187372-14

Date Collected: 07/15/21 16:30
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 17:04	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane		**1.1**		1.0	0.31	ug/L			07/21/21 17:04	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 17:04	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 17:04	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 17:04	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 17:04	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 17:04	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 17:04	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 17:04	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 17:04	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 17:04	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 17:04	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 17:04	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 17:04	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 17:04	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 17:04	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/21/21 17:04	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 17:04	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 17:04	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 17:04	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 17:04	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 17:04	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 17:04	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 17:04	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 17:04	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 17:04	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 17:04	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 17:04	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 17:04	1
Cyclohexane		**0.28**	**J**	1.0	0.18	ug/L			07/21/21 17:04	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 17:04	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 17:04	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 17:04	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 17:04	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 17:04	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 17:04	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 17:04	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 17:04	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 17:04	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 17:04	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 17:04	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 17:04	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 17:04	1
Trichloroethene		**0.75**	**J**	1.0	0.46	ug/L			07/21/21 17:04	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 17:04	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 17:04	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 17:04	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/21/21 17:04	1

Client Sample ID: NW-06
Lab Sample ID: 480-187372-14
Date Collected: 07/15/21 16:30
Matrix: Water
Date Received: 07/17/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		07/21/21 17:04	1
4-Bromofluorobenzene (Surr)	108		73 - 120		07/21/21 17:04	1
Dibromofluoromethane (Surr)	107		75 - 123		07/21/21 17:04	1
Toluene-d8 (Surr)	93		80 - 120		07/21/21 17:04	1

Client Sample ID: MW-21
Lab Sample ID: 480-187372-15
Date Collected: 07/15/21 16:45
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 17:27	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane		**5.8**		1.0	0.31	ug/L			07/21/21 17:27	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 17:27	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 17:27	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 17:27	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 17:27	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 17:27	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 17:27	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 17:27	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 17:27	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 17:27	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 17:27	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 17:27	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 17:27	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 17:27	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 17:27	1
Acetone	UJ	ND		10	3.0	ug/L			07/21/21 17:27	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 17:27	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 17:27	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 17:27	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 17:27	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 17:27	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 17:27	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 17:27	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 17:27	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 17:27	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 17:27	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 17:27	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 17:27	1
Cyclohexane		ND		1.0	0.18	ug/L			07/21/21 17:27	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 17:27	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 17:27	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 17:27	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 17:27	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 17:27	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 17:27	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 17:27	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 17:27	1

Client Sample ID: MW-21
Lab Sample ID: 480-187372-15
Date Collected: 07/15/21 16:45
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene		ND		1.0	0.73	ug/L			07/21/21 17:27	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 17:27	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 17:27	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 17:27	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 17:27	1
Trichloroethene		**0.47**	**J**	1.0	0.46	ug/L			07/21/21 17:27	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 17:27	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 17:27	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 17:27	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*07/21/21 17:27*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*07/21/21 17:27*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/21/21 17:27*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/21/21 17:27*	*1*

Client Sample ID: MW-24
Lab Sample ID: 480-187372-16
Date Collected: 07/15/21 16:55
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 17:51	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 17:51	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 17:51	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 17:51	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 17:51	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 17:51	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 17:51	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 17:51	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 17:51	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 17:51	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 17:51	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 17:51	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 17:51	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 17:51	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 17:51	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 17:51	1
Acetone	UJ	ND		10	3.0	ug/L			07/21/21 17:51	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 17:51	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 17:51	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 17:51	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 17:51	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 17:51	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 17:51	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 17:51	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 17:51	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 17:51	1

Client Sample ID: MW-24
Lab Sample ID: 480-187372-16

Date Collected: 07/15/21 16:55
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 17:51	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 17:51	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 17:51	1
Cyclohexane		**0.28**	**J**	1.0	0.18	ug/L			07/21/21 17:51	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 17:51	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 17:51	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 17:51	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 17:51	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 17:51	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 17:51	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 17:51	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 17:51	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 17:51	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 17:51	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 17:51	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 17:51	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 17:51	1
Trichloroethene		**0.53**	**J**	1.0	0.46	ug/L			07/21/21 17:51	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 17:51	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 17:51	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 17:51	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/21/21 17:51*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*07/21/21 17:51*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/21/21 17:51*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/21/21 17:51*	*1*

Client Sample ID: MW-07R
Lab Sample ID: 480-187372-17

Date Collected: 07/16/21 07:50
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 18:14	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 18:14	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 18:14	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 18:14	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 18:14	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 18:14	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 18:14	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 18:14	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 18:14	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 18:14	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 18:14	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 18:14	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 18:14	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 18:14	1

Client Sample ID: MW-07R
Lab Sample ID: 480-187372-17

Date Collected: 07/16/21 07:50
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 18:14	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 18:14	1
Acetone	J	**3.8**	J +	10	3.0	ug/L			07/21/21 18:14	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 18:14	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 18:14	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 18:14	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 18:14	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 18:14	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 18:14	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 18:14	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 18:14	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 18:14	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 18:14	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 18:14	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 18:14	1
Cyclohexane		ND		1.0	0.18	ug/L			07/21/21 18:14	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 18:14	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 18:14	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 18:14	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 18:14	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 18:14	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 18:14	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 18:14	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 18:14	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 18:14	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 18:14	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 18:14	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 18:14	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 18:14	1
Trichloroethene		**0.53**	J	1.0	0.46	ug/L			07/21/21 18:14	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 18:14	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 18:14	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 18:14	1
tert-Butyl alcohol (TBA)	UJ	ND	+	10	3.3	ug/L			07/21/21 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/21/21 18:14*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/21/21 18:14*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/21/21 18:14*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/21/21 18:14*	*1*

Client Sample ID: MW-15
Lab Sample ID: 480-187372-18

Date Collected: 07/16/21 08:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 18:37	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 18:37	1

Client Sample ID: MW-15
Date Collected: 07/16/21 08:00
Date Received: 07/17/21 08:00

Lab Sample ID: 480-187372-18
Matrix: Water

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 18:37	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 18:37	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 18:37	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 18:37	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 18:37	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 18:37	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 18:37	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 18:37	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 18:37	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 18:37	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 18:37	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 18:37	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 18:37	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 18:37	1
Acetone	J	**3.1**	J	10	3.0	ug/L			07/21/21 18:37	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 18:37	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 18:37	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 18:37	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 18:37	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 18:37	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 18:37	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 18:37	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 18:37	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 18:37	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 18:37	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 18:37	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 18:37	1
Cyclohexane		**0.22**	J	1.0	0.18	ug/L			07/21/21 18:37	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 18:37	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 18:37	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 18:37	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 18:37	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 18:37	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 18:37	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 18:37	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 18:37	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 18:37	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 18:37	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 18:37	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 18:37	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 18:37	1
Trichloroethene		**0.56**	J	1.0	0.46	ug/L			07/21/21 18:37	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 18:37	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 18:37	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 18:37	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/21/21 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/21/21 18:37*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*07/21/21 18:37*	*1*

Client Sample ID: MW-15
Lab Sample ID: 480-187372-18
Date Collected: 07/16/21 08:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*07/21/21 18:37*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/21/21 18:37*	*1*

Client Sample ID: MW-14
Lab Sample ID: 480-187372-19
Date Collected: 07/16/21 08:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 19:00	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 19:00	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 19:00	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 19:00	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 19:00	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 19:00	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 19:00	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 19:00	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 19:00	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 19:00	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 19:00	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 19:00	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 19:00	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 19:00	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 19:00	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 19:00	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/21/21 19:00	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 19:00	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 19:00	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 19:00	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 19:00	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 19:00	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 19:00	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 19:00	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 19:00	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 19:00	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 19:00	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 19:00	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 19:00	1
Cyclohexane		**0.51**	**J**	1.0	0.18	ug/L			07/21/21 19:00	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 19:00	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 19:00	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 19:00	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 19:00	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 19:00	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 19:00	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 19:00	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 19:00	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 19:00	1

Client Sample ID: MW-14
Lab Sample ID: 480-187372-19

Date Collected: 07/16/21 08:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 19:00	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 19:00	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 19:00	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 19:00	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 19:00	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 19:00	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 19:00	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 19:00	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/21/21 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/21/21 19:00*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/21/21 19:00*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/21/21 19:00*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/21/21 19:00*	*1*

Client Sample ID: MW-19R
Lab Sample ID: 480-187372-20

Date Collected: 07/16/21 08:14
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/21/21 19:23	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/21/21 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/21/21 19:23	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/21/21 19:23	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/21/21 19:23	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/21/21 19:23	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/21/21 19:23	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/21/21 19:23	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/21/21 19:23	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/21/21 19:23	1
1,2-Dichloroethane	UJ	ND		1.0	0.21	ug/L			07/21/21 19:23	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/21/21 19:23	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/21/21 19:23	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/21/21 19:23	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/21/21 19:23	1
2-Hexanone		ND		5.0	1.2	ug/L			07/21/21 19:23	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/21/21 19:23	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/21/21 19:23	1
Benzene		ND		1.0	0.41	ug/L			07/21/21 19:23	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/21/21 19:23	1
Bromoform	UJ	ND		1.0	0.26	ug/L			07/21/21 19:23	1
Bromomethane		ND		1.0	0.69	ug/L			07/21/21 19:23	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/21/21 19:23	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/21/21 19:23	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/21/21 19:23	1
Chloroethane		ND		1.0	0.32	ug/L			07/21/21 19:23	1
Chloroform		ND		1.0	0.34	ug/L			07/21/21 19:23	1
Chloromethane		ND		1.0	0.35	ug/L			07/21/21 19:23	1

10/06/2021

Client Sample ID: MW-19R
Lab Sample ID: 480-187372-20

Date Collected: 07/16/21 08:14
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/21/21 19:23	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/21/21 19:23	1
Cyclohexane		**0.40**	**J**	1.0	0.18	ug/L			07/21/21 19:23	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/21/21 19:23	1
Dichlorodifluoromethane		ND		1.0	0.68	ug/L			07/21/21 19:23	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/21/21 19:23	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/21/21 19:23	1
Methyl acetate		ND		2.5	1.3	ug/L			07/21/21 19:23	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/21/21 19:23	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/21/21 19:23	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/21/21 19:23	1
Styrene		ND		1.0	0.73	ug/L			07/21/21 19:23	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/21/21 19:23	1
Toluene		ND		1.0	0.51	ug/L			07/21/21 19:23	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/21/21 19:23	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/21/21 19:23	1
Trichloroethene		ND		1.0	0.46	ug/L			07/21/21 19:23	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/21/21 19:23	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/21/21 19:23	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/21/21 19:23	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/21/21 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/21/21 19:23*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*07/21/21 19:23*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/21/21 19:23*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/21/21 19:23*	*1*

Client Sample ID: MW-28R
Lab Sample ID: 480-187372-21

Date Collected: 07/16/21 08:25
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 13:19	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 13:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 13:19	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 13:19	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 13:19	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 13:19	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 13:19	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 13:19	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 13:19	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 13:19	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 13:19	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 13:19	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 13:19	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 13:19	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 13:19	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 13:19	1

10/06/2021

Client Sample ID: MW-28R
Lab Sample ID: 480-187372-21
Date Collected: 07/16/21 08:25
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 13:19	1
Acetone	J	**5.2**	**J +**	10	3.0	ug/L			07/22/21 13:19	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 13:19	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 13:19	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 13:19	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 13:19	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 13:19	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 13:19	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 13:19	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 13:19	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 13:19	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 13:19	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 13:19	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 13:19	1
Cyclohexane		**0.28**	**J**	1.0	0.18	ug/L			07/22/21 13:19	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 13:19	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 13:19	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 13:19	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 13:19	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 13:19	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 13:19	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 13:19	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 13:19	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 13:19	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 13:19	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 13:19	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 13:19	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 13:19	1
Trichloroethene		**0.58**	**J**	1.0	0.46	ug/L			07/22/21 13:19	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 13:19	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 13:19	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 13:19	1
tert-Butyl alcohol (TBA)	UJ	ND	+	10	3.3	ug/L			07/22/21 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*07/22/21 13:19*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/22/21 13:19*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*07/22/21 13:19*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*07/22/21 13:19*	*1*

Client Sample ID: MW-17
Lab Sample ID: 480-187372-22
Date Collected: 07/16/21 08:40
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		**2.6**		1.0	0.82	ug/L			07/22/21 13:42	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 13:42	1
1,1,2-Trichloroethane		**1.2**		1.0	0.23	ug/L			07/22/21 13:42	1

10/06/2021

Client Sample ID: MW-17
Lab Sample ID: 480-187372-22

Date Collected: 07/16/21 08:40
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 13:42	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 13:42	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 13:42	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 13:42	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 13:42	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 13:42	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 13:42	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 13:42	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 13:42	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 13:42	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 13:42	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 13:42	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 13:42	1
Acetone	J	**19**		10	3.0	ug/L			07/22/21 13:42	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 13:42	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 13:42	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 13:42	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 13:42	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 13:42	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 13:42	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 13:42	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 13:42	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 13:42	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 13:42	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 13:42	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 13:42	1
Cyclohexane		**0.28**	**J**	1.0	0.18	ug/L			07/22/21 13:42	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 13:42	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 13:42	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 13:42	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 13:42	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 13:42	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 13:42	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 13:42	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 13:42	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 13:42	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 13:42	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 13:42	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 13:42	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 13:42	1
Trichloroethene		**35**		1.0	0.46	ug/L			07/22/21 13:42	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 13:42	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 13:42	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 13:42	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/22/21 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*07/22/21 13:42*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*07/22/21 13:42*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*07/22/21 13:42*	*1*

Client Sample ID: MW-17
Lab Sample ID: 480-187372-22

Date Collected: 07/16/21 08:40
Matrix: Water
Date Received: 07/17/21 08:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		07/22/21 13:42	1

Client Sample ID: FD-071621
Lab Sample ID: 480-187372-23

Date Collected: 07/16/21 00:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		**2.8**		1.0	0.82	ug/L			07/22/21 14:05	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 14:05	1
1,1,2-Trichloroethane		**1.1**		1.0	0.23	ug/L			07/22/21 14:05	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 14:05	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 14:05	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 14:05	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 14:05	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 14:05	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 14:05	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 14:05	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 14:05	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 14:05	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 14:05	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 14:05	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 14:05	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 14:05	1
Acetone	J	**20**	*+	10	3.0	ug/L			07/22/21 14:05	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 14:05	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 14:05	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 14:05	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 14:05	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 14:05	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 14:05	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 14:05	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 14:05	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 14:05	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 14:05	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 14:05	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 14:05	1
Cyclohexane		**0.23**	**J**	1.0	0.18	ug/L			07/22/21 14:05	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 14:05	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 14:05	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 14:05	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 14:05	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 14:05	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 14:05	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 14:05	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 14:05	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 14:05	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 14:05	1

Client Sample ID: FD-071621
Lab Sample ID: 480-187372-23

Date Collected: 07/16/21 00:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene		ND		1.0	0.51	ug/L			07/22/21 14:05	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 14:05	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 14:05	1
Trichloroethene		**36**		1.0	0.46	ug/L			07/22/21 14:05	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 14:05	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 14:05	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 14:05	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/22/21 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*07/22/21 14:05*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*07/22/21 14:05*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*07/22/21 14:05*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*07/22/21 14:05*	*1*

Client Sample ID: NW-05
Lab Sample ID: 480-187372-24

Date Collected: 07/16/21 09:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 14:28	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 14:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane		**2.2**		1.0	0.31	ug/L			07/22/21 14:28	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 14:28	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 14:28	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 14:28	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 14:28	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 14:28	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 14:28	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 14:28	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 14:28	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 14:28	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 14:28	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 14:28	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 14:28	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 14:28	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 14:28	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/22/21 14:28	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 14:28	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 14:28	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 14:28	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 14:28	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 14:28	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 14:28	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 14:28	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 14:28	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 14:28	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 14:28	1

Client Sample ID: NW-05
Lab Sample ID: 480-187372-24

Date Collected: 07/16/21 09:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 14:28	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 14:28	1
Cyclohexane		**0.61**	**J**	1.0	0.18	ug/L			07/22/21 14:28	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 14:28	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 14:28	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 14:28	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 14:28	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 14:28	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 14:28	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 14:28	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 14:28	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 14:28	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 14:28	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 14:28	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 14:28	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 14:28	1
Trichloroethene		**0.71**	**J**	1.0	0.46	ug/L			07/22/21 14:28	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 14:28	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 14:28	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 14:28	1
tert-Butyl alcohol (TBA)	UJ	ND	+-	10	3.3	ug/L			07/22/21 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*07/22/21 14:28*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/22/21 14:28*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*07/22/21 14:28*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*07/22/21 14:28*	*1*

Client Sample ID: MW-03
Lab Sample ID: 480-187372-25

Date Collected: 07/16/21 09:35
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 14:51	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 14:51	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 14:51	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 14:51	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 14:51	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 14:51	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 14:51	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 14:51	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 14:51	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 14:51	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 14:51	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 14:51	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 14:51	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 14:51	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 14:51	1

Client Sample ID: MW-03
Lab Sample ID: 480-187372-25

Date Collected: 07/16/21 09:35
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 14:51	1
Acetone	J	**3.6**	~~J *+~~	10	3.0	ug/L			07/22/21 14:51	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 14:51	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 14:51	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 14:51	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 14:51	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 14:51	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 14:51	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 14:51	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 14:51	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 14:51	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 14:51	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 14:51	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 14:51	1
Cyclohexane		**0.24**	**J**	1.0	0.18	ug/L			07/22/21 14:51	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 14:51	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 14:51	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 14:51	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 14:51	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 14:51	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 14:51	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 14:51	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 14:51	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 14:51	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 14:51	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 14:51	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 14:51	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 14:51	1
Trichloroethene		**0.99**	**J**	1.0	0.46	ug/L			07/22/21 14:51	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 14:51	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 14:51	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 14:51	1
tert-Butyl alcohol (TBA)	UJ	ND	~~*+~~	10	3.3	ug/L			07/22/21 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/22/21 14:51*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/22/21 14:51*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/22/21 14:51*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*07/22/21 14:51*	*1*

Client Sample ID: CAE-MW-03
Lab Sample ID: 480-187372-26

Date Collected: 07/16/21 09:55
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 15:14	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 15:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 15:14	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 15:14	1

Client Sample ID: CAE-MW-03
Lab Sample ID: 480-187372-26

Date Collected: 07/16/21 09:55
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 15:14	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 15:14	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 15:14	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 15:14	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 15:14	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 15:14	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 15:14	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 15:14	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 15:14	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 15:14	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 15:14	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 15:14	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 15:14	1
Acetone	UJ	ND		10	3.0	ug/L			07/22/21 15:14	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 15:14	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 15:14	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 15:14	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 15:14	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 15:14	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 15:14	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 15:14	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 15:14	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 15:14	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 15:14	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 15:14	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 15:14	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 15:14	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 15:14	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 15:14	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 15:14	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 15:14	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 15:14	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 15:14	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 15:14	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 15:14	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 15:14	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 15:14	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 15:14	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 15:14	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 15:14	1
Trichloroethene		ND		1.0	0.46	ug/L			07/22/21 15:14	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 15:14	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 15:14	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 15:14	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/22/21 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/22/21 15:14*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*07/22/21 15:14*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*07/22/21 15:14*	*1*

Client Sample ID: CAE-MW-03
Lab Sample ID: 480-187372-26

Date Collected: 07/16/21 09:55
Matrix: Water
Date Received: 07/17/21 08:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		07/22/21 15:14	1

Client Sample ID: MW-02
Lab Sample ID: 480-187372-27

Date Collected: 07/16/21 10:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 15:38	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 15:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 15:38	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 15:38	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 15:38	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 15:38	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 15:38	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 15:38	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 15:38	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 15:38	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 15:38	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 15:38	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 15:38	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 15:38	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 15:38	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 15:38	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 15:38	1
Acetone	J	**13**	~~+~~	10	3.0	ug/L			07/22/21 15:38	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 15:38	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 15:38	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 15:38	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 15:38	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 15:38	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 15:38	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 15:38	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 15:38	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 15:38	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 15:38	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 15:38	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 15:38	1
Cyclohexane		**0.31**	**J**	1.0	0.18	ug/L			07/22/21 15:38	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 15:38	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 15:38	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 15:38	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 15:38	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 15:38	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 15:38	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 15:38	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 15:38	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 15:38	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 15:38	1

Client Sample ID: MW-02
Lab Sample ID: 480-187372-27

Date Collected: 07/16/21 10:10
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene		ND		1.0	0.51	ug/L			07/22/21 15:38	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 15:38	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 15:38	1
Trichloroethene		**38**		1.0	0.46	ug/L			07/22/21 15:38	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 15:38	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 15:38	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 15:38	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/22/21 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/22/21 15:38*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/22/21 15:38*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*07/22/21 15:38*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/22/21 15:38*	*1*

Client Sample ID: MW-22
Lab Sample ID: 480-187372-28

Date Collected: 07/16/21 10:20
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 16:01	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 16:01	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 16:01	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 16:01	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 16:01	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 16:01	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 16:01	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 16:01	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 16:01	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 16:01	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 16:01	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 16:01	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 16:01	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 16:01	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 16:01	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 16:01	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/22/21 16:01	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 16:01	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 16:01	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 16:01	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 16:01	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 16:01	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 16:01	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 16:01	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 16:01	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 16:01	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 16:01	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 16:01	1

Client Sample ID: MW-22
Lab Sample ID: 480-187372-28

Date Collected: 07/16/21 10:20
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 16:01	1
Cyclohexane		**0.33**	**J**	1.0	0.18	ug/L			07/22/21 16:01	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 16:01	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 16:01	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 16:01	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 16:01	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 16:01	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 16:01	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 16:01	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 16:01	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 16:01	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 16:01	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 16:01	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 16:01	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 16:01	1
Trichloroethene		**1.3**		1.0	0.46	ug/L			07/22/21 16:01	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 16:01	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 16:01	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 16:01	1
tert-Butyl alcohol (TBA)	UJ	ND	~~+~~	10	3.3	ug/L			07/22/21 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/22/21 16:01*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*07/22/21 16:01*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/22/21 16:01*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/22/21 16:01*	*1*

Client Sample ID: MW-06
Lab Sample ID: 480-187372-29

Date Collected: 07/16/21 10:25
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND	~~F1~~	1.0	0.82	ug/L			07/22/21 16:24	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 16:24	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 16:24	1
1,1-Dichloroethane		ND	~~F1~~	1.0	0.38	ug/L			07/22/21 16:24	1
1,1-Dichloroethene		ND	~~F1~~	1.0	0.29	ug/L			07/22/21 16:24	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 16:24	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 16:24	1
1,2-Dibromoethane		ND	~~F1~~	1.0	0.73	ug/L			07/22/21 16:24	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 16:24	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 16:24	1
1,2-Dichloropropane		ND	~~F1~~	1.0	0.72	ug/L			07/22/21 16:24	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 16:24	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 16:24	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 16:24	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 16:24	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 16:24	1

Client Sample ID: MW-06
Lab Sample ID: 480-187372-29
Date Collected: 07/16/21 10:25
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	J	**14**	~~* F1~~	10	3.0	ug/L			07/22/21 16:24	1
Benzene		ND	~~F1~~	1.0	0.41	ug/L			07/22/21 16:24	1
Bromodichloromethane		ND	~~F1~~	1.0	0.39	ug/L			07/22/21 16:24	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 16:24	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 16:24	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 16:24	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 16:24	1
Chlorobenzene		ND	~~F1~~	1.0	0.75	ug/L			07/22/21 16:24	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 16:24	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 16:24	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 16:24	1
cis-1,2-Dichloroethene		ND	~~F1~~	1.0	0.81	ug/L			07/22/21 16:24	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 16:24	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 16:24	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 16:24	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 16:24	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 16:24	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 16:24	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 16:24	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 16:24	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 16:24	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 16:24	1
Styrene		ND	~~F1~~	1.0	0.73	ug/L			07/22/21 16:24	1
Tetrachloroethene		ND	~~F1~~	1.0	0.36	ug/L			07/22/21 16:24	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 16:24	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 16:24	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 16:24	1
Trichloroethene	J	**11**	~~F1~~	1.0	0.46	ug/L			07/22/21 16:24	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 16:24	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 16:24	1
Xylenes, Total		ND	~~F1~~	2.0	0.66	ug/L			07/22/21 16:24	1
tert-Butyl alcohol (TBA)	UJ	ND	~~* F1~~	10	3.3	ug/L			07/22/21 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/22/21 16:24*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/22/21 16:24*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/22/21 16:24*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/22/21 16:24*	*1*

Client Sample ID: MW-11
Lab Sample ID: 480-187372-30
Date Collected: 07/16/21 10:37
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 16:47	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 16:47	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 16:47	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 16:47	1

Client Sample ID: MW-11

Date Collected: 07/16/21 10:37
Date Received: 07/17/21 08:00

Lab Sample ID: 480-187372-30

Matrix: Water

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 16:47	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 16:47	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 16:47	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 16:47	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 16:47	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 16:47	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 16:47	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 16:47	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 16:47	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 16:47	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 16:47	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 16:47	1
Acetone	J	**4.5**	J+	10	3.0	ug/L			07/22/21 16:47	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 16:47	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 16:47	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 16:47	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 16:47	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 16:47	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 16:47	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 16:47	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 16:47	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 16:47	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 16:47	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 16:47	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 16:47	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 16:47	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 16:47	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 16:47	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 16:47	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 16:47	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 16:47	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 16:47	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 16:47	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 16:47	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 16:47	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 16:47	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 16:47	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 16:47	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 16:47	1
Trichloroethene		**2.3**		1.0	0.46	ug/L			07/22/21 16:47	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 16:47	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 16:47	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 16:47	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/22/21 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/22/21 16:47*	*1*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*07/22/21 16:47*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*07/22/21 16:47*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/22/21 16:47*	*1*

Client Sample ID: MW-10

Date Collected: 07/16/21 10:48
Date Received: 07/17/21 08:00

Lab Sample ID: 480-187372-31

Matrix: Water

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 17:10	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 17:10	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 17:10	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 17:10	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 17:10	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 17:10	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 17:10	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 17:10	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 17:10	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 17:10	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 17:10	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 17:10	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 17:10	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 17:10	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 17:10	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 17:10	1
Acetone	J	**3.3**	J +	10	3.0	ug/L			07/22/21 17:10	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 17:10	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 17:10	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 17:10	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 17:10	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 17:10	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 17:10	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 17:10	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 17:10	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 17:10	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 17:10	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 17:10	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 17:10	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 17:10	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 17:10	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 17:10	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 17:10	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 17:10	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 17:10	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 17:10	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 17:10	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 17:10	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 17:10	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 17:10	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 17:10	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 17:10	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 17:10	1
Trichloroethene		**0.86**	**J**	1.0	0.46	ug/L			07/22/21 17:10	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 17:10	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 17:10	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 17:10	1
tert-Butyl alcohol (TBA)	UJ	ND	+	10	3.3	ug/L			07/22/21 17:10	1

Client Sample ID: MW-10
Lab Sample ID: 480-187372-31

Date Collected: 07/16/21 10:48
Matrix: Water
Date Received: 07/17/21 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*07/22/21 17:10*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/22/21 17:10*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*07/22/21 17:10*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/22/21 17:10*	*1*

Client Sample ID: MW-09
Lab Sample ID: 480-187372-32

Date Collected: 07/16/21 11:03
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 17:33	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 17:33	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 17:33	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 17:33	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 17:33	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 17:33	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 17:33	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 17:33	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 17:33	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 17:33	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 17:33	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 17:33	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 17:33	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 17:33	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 17:33	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 17:33	1
Acetone	J	**4.1**	~~J+~~	10	3.0	ug/L			07/22/21 17:33	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 17:33	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 17:33	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 17:33	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 17:33	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 17:33	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 17:33	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 17:33	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 17:33	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 17:33	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 17:33	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 17:33	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 17:33	1
Cyclohexane		**0.24**	**J**	1.0	0.18	ug/L			07/22/21 17:33	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 17:33	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 17:33	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 17:33	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 17:33	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 17:33	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 17:33	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 17:33	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 17:33	1

10/06/2021

Client Sample ID: MW-09
Lab Sample ID: 480-187372-32

Date Collected: 07/16/21 11:03
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene		ND		1.0	0.73	ug/L			07/22/21 17:33	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 17:33	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 17:33	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 17:33	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 17:33	1
Trichloroethene		**0.93**	**J**	1.0	0.46	ug/L			07/22/21 17:33	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 17:33	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 17:33	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 17:33	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/22/21 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/22/21 17:33*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*07/22/21 17:33*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*07/22/21 17:33*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/22/21 17:33*	*1*

Client Sample ID: MW-26
Lab Sample ID: 480-187372-33

Date Collected: 07/16/21 11:12
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 17:56	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 17:56	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 17:56	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 17:56	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 17:56	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 17:56	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 17:56	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 17:56	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 17:56	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 17:56	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 17:56	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 17:56	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 17:56	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 17:56	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 17:56	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 17:56	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/22/21 17:56	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 17:56	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 17:56	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 17:56	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 17:56	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 17:56	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 17:56	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 17:56	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 17:56	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 17:56	1

Client Sample ID: MW-26
Lab Sample ID: 480-187372-33

Date Collected: 07/16/21 11:12
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 17:56	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 17:56	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 17:56	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 17:56	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 17:56	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 17:56	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 17:56	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 17:56	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 17:56	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 17:56	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 17:56	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 17:56	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 17:56	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 17:56	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 17:56	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 17:56	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 17:56	1
Trichloroethene		ND		1.0	0.46	ug/L			07/22/21 17:56	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 17:56	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 17:56	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 17:56	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/22/21 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/22/21 17:56*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/22/21 17:56*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/22/21 17:56*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/22/21 17:56*	*1*

Client Sample ID: MW-07-02
Lab Sample ID: 480-187372-34

Date Collected: 07/16/21 11:35
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 18:18	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 18:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 18:18	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 18:18	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 18:18	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 18:18	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 18:18	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 18:18	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 18:18	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 18:18	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 18:18	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 18:18	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 18:18	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 18:18	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 18:18	1

Client Sample ID: MW-07-02

Date Collected: 07/16/21 11:35
Date Received: 07/17/21 08:00

Lab Sample ID: 480-187372-34

Matrix: Water

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 18:18	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 18:18	1
Acetone	UJ	ND	*+	10	3.0	ug/L			07/22/21 18:18	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 18:18	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 18:18	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 18:18	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 18:18	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 18:18	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 18:18	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 18:18	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 18:18	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 18:18	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 18:18	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 18:18	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 18:18	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 18:18	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 18:18	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 18:18	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 18:18	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 18:18	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 18:18	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 18:18	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 18:18	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 18:18	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 18:18	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 18:18	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 18:18	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 18:18	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 18:18	1
Trichloroethene		ND		1.0	0.46	ug/L			07/22/21 18:18	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 18:18	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 18:18	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 18:18	1
tert-Butyl alcohol (TBA)	UJ	ND	+	10	3.3	ug/L			07/22/21 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/22/21 18:18*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*07/22/21 18:18*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/22/21 18:18*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/22/21 18:18*	*1*

Client Sample ID: MW-07-01

Date Collected: 07/16/21 11:47
Date Received: 07/17/21 08:00

Lab Sample ID: 480-187372-35

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/22/21 18:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/22/21 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/22/21 18:42	1

Client Sample ID: MW-07-01
Lab Sample ID: 480-187372-35

Date Collected: 07/16/21 11:47
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 18:42	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 18:42	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 18:42	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 18:42	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 18:42	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 18:42	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 18:42	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 18:42	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 18:42	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 18:42	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 18:42	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 18:42	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 18:42	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 18:42	1
Acetone	UJ	ND		10	3.0	ug/L			07/22/21 18:42	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 18:42	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 18:42	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 18:42	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 18:42	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 18:42	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 18:42	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 18:42	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 18:42	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 18:42	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 18:42	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 18:42	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 18:42	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 18:42	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 18:42	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 18:42	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 18:42	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 18:42	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 18:42	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 18:42	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 18:42	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 18:42	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 18:42	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 18:42	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 18:42	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 18:42	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 18:42	1
Trichloroethene		**0.73**	**J**	1.0	0.46	ug/L			07/22/21 18:42	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 18:42	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 18:42	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 18:42	1
tert-Butyl alcohol (TBA)	UJ	ND		10	3.3	ug/L			07/22/21 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/22/21 18:42*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/22/21 18:42*	*1*

Client Sample ID: MW-07-01
Lab Sample ID: 480-187372-35

Date Collected: 07/16/21 11:47
Matrix: Water
Date Received: 07/17/21 08:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/22/21 18:42*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*07/22/21 18:42*	*1*

Client Sample ID: TB-071621
Lab Sample ID: 480-187372-36

Date Collected: 07/16/21 00:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 19:06	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 19:06	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 19:06	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 19:06	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 19:06	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 19:06	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 19:06	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 19:06	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 19:06	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 19:06	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 19:06	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 19:06	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 19:06	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 19:06	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 19:06	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 19:06	1
Acetone	UJ	ND		10	3.0	ug/L			07/22/21 19:06	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 19:06	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 19:06	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 19:06	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 19:06	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 19:06	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 19:06	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 19:06	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 19:06	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 19:06	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 19:06	1
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 19:06	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 19:06	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 19:06	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 19:06	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 19:06	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 19:06	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 19:06	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 19:06	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 19:06	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 19:06	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 19:06	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 19:06	1

Client Sample ID: TB-071621
Lab Sample ID: 480-187372-36

Date Collected: 07/16/21 00:00
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 19:06	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 19:06	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 19:06	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 19:06	1
Trichloroethene		ND		1.0	0.46	ug/L			07/22/21 19:06	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 19:06	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 19:06	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 19:06	1
tert-Butyl alcohol (TBA)	UJ	ND	*	10	3.3	ug/L			07/22/21 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/22/21 19:06*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*07/22/21 19:06*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*07/22/21 19:06*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/22/21 19:06*	*1*

Client Sample ID: MW-07-04
Lab Sample ID: 480-187372-37

Date Collected: 07/15/21 14:40
Matrix: Water
Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane		ND		1.0	0.82	ug/L			07/22/21 19:29	1
1,1,2,2-Tetrachloroethane		ND		1.0	0.21	ug/L			07/22/21 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		1.0	0.31	ug/L			07/22/21 19:29	1
1,1,2-Trichloroethane		ND		1.0	0.23	ug/L			07/22/21 19:29	1
1,1-Dichloroethane		ND		1.0	0.38	ug/L			07/22/21 19:29	1
1,1-Dichloroethene		ND		1.0	0.29	ug/L			07/22/21 19:29	1
1,2,4-Trichlorobenzene		ND		1.0	0.41	ug/L			07/22/21 19:29	1
1,2-Dibromo-3-Chloropropane		ND		1.0	0.39	ug/L			07/22/21 19:29	1
1,2-Dibromoethane		ND		1.0	0.73	ug/L			07/22/21 19:29	1
1,2-Dichlorobenzene		ND		1.0	0.79	ug/L			07/22/21 19:29	1
1,2-Dichloroethane		ND		1.0	0.21	ug/L			07/22/21 19:29	1
1,2-Dichloropropane		ND		1.0	0.72	ug/L			07/22/21 19:29	1
1,3-Dichlorobenzene		ND		1.0	0.78	ug/L			07/22/21 19:29	1
1,4-Dichlorobenzene		ND		1.0	0.84	ug/L			07/22/21 19:29	1
2-Butanone (MEK)		ND		10	1.3	ug/L			07/22/21 19:29	1
2-Hexanone		ND		5.0	1.2	ug/L			07/22/21 19:29	1
4-Methyl-2-pentanone (MIBK)		ND		5.0	2.1	ug/L			07/22/21 19:29	1
Acetone	J	**3.0**	*	10	3.0	ug/L			07/22/21 19:29	1
Benzene		ND		1.0	0.41	ug/L			07/22/21 19:29	1
Bromodichloromethane		ND		1.0	0.39	ug/L			07/22/21 19:29	1
Bromoform		ND		1.0	0.26	ug/L			07/22/21 19:29	1
Bromomethane		ND		1.0	0.69	ug/L			07/22/21 19:29	1
Carbon disulfide		ND		1.0	0.19	ug/L			07/22/21 19:29	1
Carbon tetrachloride		ND		1.0	0.27	ug/L			07/22/21 19:29	1
Chlorobenzene		ND		1.0	0.75	ug/L			07/22/21 19:29	1
Chloroethane		ND		1.0	0.32	ug/L			07/22/21 19:29	1
Chloroform		ND		1.0	0.34	ug/L			07/22/21 19:29	1
Chloromethane		ND		1.0	0.35	ug/L			07/22/21 19:29	1

Client Sample ID: MW-07-04
Lab Sample ID: 480-187372-37

Date Collected: 07/15/21 14:40
Matrix: Water

Date Received: 07/17/21 08:00

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

Analyte	VQ	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene		ND		1.0	0.81	ug/L			07/22/21 19:29	1
cis-1,3-Dichloropropene		ND		1.0	0.36	ug/L			07/22/21 19:29	1
Cyclohexane		ND		1.0	0.18	ug/L			07/22/21 19:29	1
Dibromochloromethane		ND		1.0	0.32	ug/L			07/22/21 19:29	1
Dichlorodifluoromethane	UJ	ND		1.0	0.68	ug/L			07/22/21 19:29	1
Ethylbenzene		ND		1.0	0.74	ug/L			07/22/21 19:29	1
Isopropylbenzene		ND		1.0	0.79	ug/L			07/22/21 19:29	1
Methyl acetate		ND		2.5	1.3	ug/L			07/22/21 19:29	1
Methyl tert-butyl ether		ND		1.0	0.16	ug/L			07/22/21 19:29	1
Methylcyclohexane		ND		1.0	0.16	ug/L			07/22/21 19:29	1
Methylene Chloride		ND		1.0	0.44	ug/L			07/22/21 19:29	1
Styrene		ND		1.0	0.73	ug/L			07/22/21 19:29	1
Tetrachloroethene		ND		1.0	0.36	ug/L			07/22/21 19:29	1
Toluene		ND		1.0	0.51	ug/L			07/22/21 19:29	1
trans-1,2-Dichloroethene		ND		1.0	0.90	ug/L			07/22/21 19:29	1
trans-1,3-Dichloropropene		ND		1.0	0.37	ug/L			07/22/21 19:29	1
Trichloroethene		**0.58**	**J**	1.0	0.46	ug/L			07/22/21 19:29	1
Trichlorofluoromethane		ND		1.0	0.88	ug/L			07/22/21 19:29	1
Vinyl chloride		ND		1.0	0.90	ug/L			07/22/21 19:29	1
Xylenes, Total		ND		2.0	0.66	ug/L			07/22/21 19:29	1
tert-Butyl alcohol (TBA)	UJ	ND	*+	10	3.3	ug/L			07/22/21 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/22/21 19:29*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*07/22/21 19:29*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/22/21 19:29*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/22/21 19:29*	*1*

10/06/2021

ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY

Job Narrative
480-187372-1

Receipt
The samples were received on 7/17/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-589822 recovered above the upper control limit for Carbon tetrachloride, Acetone and 2-Methyl-2-propanol. The samples associated with this CCV were non-detects or below our reporting limit for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-23 (480-187372-1), MW-07-10 (480-187372-2), MW-07-09 (480-187372-3), MW-25 (480-187372-4), MW-07-11 (480-187372-5), MW-27 (480-187372-6), FD-071521 (480-187372-7), MW-07-07 (480-187372-8), MW-07-06 (480-187372-9), MW-20 (480-187372-10), MW-07-05 (480-187372-11), MW-07-03 (480-187372-12), MW-07-08 (480-187372-13), NW-06 (480-187372-14), MW-21 (480-187372-15), MW-24 (480-187372-16), MW-07R (480-187372-17), MW-15 (480-187372-18), MW-14 (480-187372-19) and MW-19R (480-187372-20).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-589822 recovered outside control limits for the following analytes: Acetone and 2-Methyl-2-propanol. Acetone and 2-Methyl-2-propanol have been identified as poor performing analytes when analyzed using this method; therefore, re-analysis was not performed. The following samples are impacted: MW-23 (480-187372-1), MW-07-10 (480-187372-2), MW-07-09 (480-187372-3), MW-25 (480-187372-4), MW-07-11 (480-187372-5), MW-27 (480-187372-6), FD-071521 (480-187372-7), MW-07-07 (480-187372-8), MW-07-06 (480-187372-9), MW-20 (480-187372-10), MW-07-05 (480-187372-11), MW-07-03 (480-187372-12), MW-07-08 (480-187372-13), NW-06 (480-187372-14), MW-21 (480-187372-15), MW-24 (480-187372-16), MW-07R (480-187372-17), MW-15 (480-187372-18), MW-14 (480-187372-19) and MW-19R (480-187372-20). Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-589822 were outside control limits. Sample matrix interference is suspected.

Method 8260C: The matrix spike/matrix spike duplicate (MS/MSD) for analytical batch 480-590010 exceeded control limits for the following analyte: 2-Methyl-2-propanol. Note that this analyte is a known poor performer when analyzed using this method.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-590010 recovered above the upper control limit for 2-Methyl-2-propanol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated samples are impacted: MW-28R (480-187372-21), MW-17 (480-187372-22), FD-071621 (480-187372-23), NW-05 (480-187372-24), MW-03 (480-187372-25), CAE-MW-03 (480-187372-26), MW-02 (480-187372-27), MW-22 (480-187372-28), MW-06 (480-187372-29), MW-11 (480-187372-30), MW-10 (480-187372-31), MW-09 (480-187372-32), MW-26 (480-187372-33), MW-07-02 (480-187372-34), MW-07-01 (480-187372-35), TB-071621 (480-187372-36) and MW-07-04 (480-187372-37).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-590010 recovered outside control limits for the following analytes: Acetone and 2-Methyl-2-propanol. Acetone and 2-Methyl-2-propanol have been identified as poor performing analytes when analyzed using this method; therefore, re-analysis was not performed. Batch precision also exceeded control limits for these analytes. These results have been reported and qualified.

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

Sample Summary

Client: New York State D.E.C.
Project/Site: C.A.E. Electronics #704015

Job ID: 480-187372-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-187372-1	MW-23	Water	07/15/21 10:45	07/17/21 08:00
480-187372-2	MW-07-10	Water	07/15/21 12:25	07/17/21 08:00
480-187372-3	MW-07-09	Water	07/15/21 12:45	07/17/21 08:00
480-187372-4	MW-25	Water	07/15/21 12:55	07/17/21 08:00
480-187372-5	MW-07-11	Water	07/15/21 13:10	07/17/21 08:00
480-187372-6	MW-27	Water	07/15/21 13:35	07/17/21 08:00
480-187372-7	FD-071521	Water	07/15/21 00:00	07/17/21 08:00
480-187372-8	MW-07-07	Water	07/15/21 15:00	07/17/21 08:00
480-187372-8 MS	MW-07-07	Water	07/15/21 15:00	07/17/21 08:00
480-187372-8 MSD	MW-07-07	Water	07/15/21 15:00	07/17/21 08:00
480-187372-9	MW-07-06	Water	07/15/21 15:20	07/17/21 08:00
480-187372-10	MW-20	Water	07/15/21 15:30	07/17/21 08:00
480-187372-11	MW-07-05	Water	07/15/21 15:50	07/17/21 08:00
480-187372-12	MW-07-03	Water	07/15/21 16:00	07/17/21 08:00
480-187372-13	MW-07-08	Water	07/15/21 16:15	07/17/21 08:00
480-187372-14	NW-06	Water	07/15/21 16:30	07/17/21 08:00
480-187372-15	MW-21	Water	07/15/21 16:45	07/17/21 08:00
480-187372-16	MW-24	Water	07/15/21 16:55	07/17/21 08:00
480-187372-17	MW-07R	Water	07/16/21 07:50	07/17/21 08:00
480-187372-18	MW-15	Water	07/16/21 08:00	07/17/21 08:00
480-187372-19	MW-14	Water	07/16/21 08:10	07/17/21 08:00
480-187372-20	MW-19R	Water	07/16/21 08:14	07/17/21 08:00
480-187372-21	MW-28R	Water	07/16/21 08:25	07/17/21 08:00
480-187372-22	MW-17	Water	07/16/21 08:40	07/17/21 08:00
480-187372-23	FD-071621	Water	07/16/21 00:00	07/17/21 08:00
480-187372-24	NW-05	Water	07/16/21 09:10	07/17/21 08:00
480-187372-25	MW-03	Water	07/16/21 09:35	07/17/21 08:00
480-187372-26	CAE-MW-03	Water	07/16/21 09:55	07/17/21 08:00
480-187372-27	MW-02	Water	07/16/21 10:10	07/17/21 08:00
480-187372-28	MW-22	Water	07/16/21 10:20	07/17/21 08:00
480-187372-29	MW-06	Water	07/16/21 10:25	07/17/21 08:00
480-187372-29 MS	MW-06	Water	07/16/21 10:25	07/17/21 08:00
480-187372-29 MSD	MW-06	Water	07/16/21 10:25	07/17/21 08:00
480-187372-30	MW-11	Water	07/16/21 10:37	07/17/21 08:00
480-187372-31	MW-10	Water	07/16/21 10:48	07/17/21 08:00
480-187372-32	MW-09	Water	07/16/21 11:03	07/17/21 08:00
480-187372-33	MW-26	Water	07/16/21 11:12	07/17/21 08:00
480-187372-34	MW-07-02	Water	07/16/21 11:35	07/17/21 08:00
480-187372-35	MW-07-01	Water	07/16/21 11:47	07/17/21 08:00
480-187372-36	TB-071621	Water	07/16/21 00:00	07/17/21 08:00
480-187372-37	MW-07-04	Water	07/15/21 14:40	07/17/21 08:00

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: R. MURPHY	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-162907-35797.1
Client Contact: Mr. Robert Murphy	Phone: 716-903-1346	E-Mail: Judy.Stone@Eurofinset.com	State of Origin:	Page: Page 1 of 4
Company: AECOM	PWSID:			Job #:
Address: One John James Audubon Parkway Suite 210	Due Date Requested:			
City: Amherst	TAT Requested (days):			
State, Zip: NY, 14228	Compliance Project: Δ Yes Δ No			
Phone:	PO #: CallOut ID 129525			
Email: rob.murphy@aecom.com	WO #:			
Project Name: C.A.E. Electronics #704015	Project #: 48016908			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

480-187372 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260C - (MOD) TCL list OLM04.2	Total Number of	Special Instructions/Note:
			Preservation Code:			A		
MW-23	7/15/21	1045	G	Water		3	3	
MW-07-10	7/15/21	1225	G	Water		3	3	
MW-07-09	7/15/21	1245	G	Water		3	3	
MW-25	7/15/21	1255	G	Water		3	3	
MW-07-11	7/15/21	1310	G	Water		3	3	
MW-27	7/15/21	1335	G	Water		3	3	
FD-071521	7/15/21	—	G	Water		3	3	
MW-07-04	7/15/21	1440	G	Water		3	3	
MW-07-07	7/15/21	1500	G	Water		2	2	
MW-07-07 MS	7/15/21	1500	G	Water	Y	2	2	MATRIX SPIKE
MW-07-07 MSD	7/15/21	1500	G	Water	Y	2	2	MATRIX SPIKE DUPLICATE

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: DROP OFF			
Relinquished by: R. Murphy	Date/Time: 7/16/21 1510	Company: Aecom	Received by: [signature]	Date/Time: 7-16-21, 1510	Company: [signature]	
Relinquished by: [signature]	Date/Time: 7-16-21, 1900	Company: [signature]	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 7/17/21 0800	Company: DAS	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.1 #1

Ver: 11/01/2020

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: R. MURPHY	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-162907-35797.2
Client Contact: Mr. Robert Murphy	Phone: 716-903-1346	E-Mail: Judy.Stone@Eurofinset.com	State of Origin:	Page: Page 2 of 4
Company: AECOM	PWSID:			Job #:
Address: One John James Audubon Parkway Suite 210	Due Date Requested:			
City: Amherst	TAT Requested (days):			
State, Zip: NY, 14228	Compliance Project: Δ Yes Δ No			
Phone:	PO #: CallOut ID 129525			
Email: rob.murphy@aecom.com	WO #:			
Project Name: C.A.E. Electronics #704015	Project #: 48016908			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code				A		
MW-07-06	7/15/21	1520	G	Water			3	3	
MW-20	7/15/21	1530	G	Water			3	3	
MW-07-05	7/15/21	1550	G	Water			3	3	
MW-07-03	7/15/21	1600	G	Water			3	3	
MW-07-08	7/15/21	1615	G	Water			3	3	
NW-06	7/15/21	1630	G	Water			3	3	
MW-21	7/15/21	1645	G	Water			3	3	
MW-24	7/15/21	1655	G	Water			3	3	
MW-07R	7/16/21	0750	G	Water			3	3	
MW-15	7/16/21	0800	G	Water			3	3	
MW-14	7/16/21	0810	G	Water			3	3	

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/16/21 1510	AECOM	[signature]	7-16-21, 15:10	Eyn
2	[signature]	7-16-21, 1900	Eyn	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 11/01/2020

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: LOB MURPHY	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-162907-35797.3
Client Contact: Mr. Robert Murphy	Phone: 716-903-1346	E-Mail: Judy.Stone@Eurofinset.com	State of Origin:	Page: Page 3 of 4
Company: AECOM	PWSID:			Job #:
Address: One John James Audubon Parkway Suite 210	Due Date Requested:			
City: Amherst	TAT Requested (days):			
State, Zip: NY, 14228	Compliance Project: Δ Yes Δ No			
Phone:	PO #: CallOut ID 129525			
Email: rob.murphy@aecom.com	WO #:			
Project Name: C.A.E. Electronics #704015	Project #: 48016908			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-19R	7/16/21	0814	G	Water			3	3	
MW-28R	7/16/21	0825	G	Water			3	3	
MW-17	7/16/21	0840	G	Water			3	3	
FD-071621	7/16/21	—	G	Water			2	2	
NW-05	7/16/21	0910	G	Water			3	3	
MW-03	7/16/21	0935	G	Water			3	3	
CAE-MW-03	7/16/21	0955	G	Water			3	3	
MW-02	7/16/21	1010	G	Water			3	3	
MW-22	7/16/21	1020	G	Water			3	3	
MW-06	7/16/21	1025	G	Water			2	2	
MW-06 MS	7/16/21	1025	G	Water		Y	1	1	MATRIX SPIKE

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: DROPOFF		
Relinquished by:	Date/Time: 7/16/21 1510	Company AECOM	Received by:	Date/Time: 7-16-21, 15:10	Company
Relinquished by:	Date/Time: 7-16-21, 1900	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.7

Ver: 11/01/2020

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: Rob Murphy	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-162907-35797.4
Client Contact: Mr. Robert Murphy	Phone: 716-903-1346	E-Mail: Judy.Stone@Eurofinset.com	State of Origin:	Page: Page 4 of 4
Company: AECOM	PWSID:			Job #:
Address: One John James Audubon Parkway Suite 210	Due Date Requested:			
City: Amherst	TAT Requested (days):			
State, Zip: NY, 14228	Compliance Project: Δ Yes Δ No			
Phone:	PO #: CallOut ID 129525			
Email: rob.murphy@aecom.com	WO #:			
Project Name: C.A.E. Electronics #704015	Project #: 48016908			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code				A		
MW-06 MSD	7/16/21	1025	G	Water		Y	1	1	MATRIX SPIKE DUPLICATE
MW-06 MS/MSD	7/16/21	1025	G	Water		Y	1	1	MS OR MSD IF NEEDED
MW-11	7/16/21	1037	G	Water			3	3	
MW-10	7/16/21	1048	G	Water			3	3	
MW-09	7/16/21	1103	G	Water			3	3	
MW-26	7/16/21	1112	G	Water			3	3	
MW-07-02	7/16/21	1135	G	Water			3	3	
MW-07-01	7/16/21	1147	G	Water			3	3	
TB-071621	7/16/21	—	G	Water			2	2	TRIP BLANK

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/16/21 1510	AECOM	[signature]	7-16-21, 15:10	Eur
2	[signature]	7-16-21, 1900	Eur	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.7

Ver: 11/01/2020

07/28/2021