Waste Management Environmental Monitoring Group
N96 W13600 County Line Road
Germantown, WI 53022

September 30, 2022

Mr. Thomas Wentland
Wisconsin Department of Natural Resources
Plymouth Service Center
1155 Pilgrim Road
Plymouth, WI 53073

RE: BOUNDARY ROAD LANDFILL
SEPTEMBER 2022 WATER SUPPLY WELL RESULTS
FACILITY NO. 00011 FID NO. 268152390

Dear Mr. Wentland:

Enclosed are the September 2022 private water supply well results for Boundary Road Landfill in accordance with ch 160.27(6) Stats, NR507.26(2)(a) and NR140.24(1)(a). Included are hard copies of the original laboratory results. The analytical results, which attain or exceed preventive action limits or enforcement standards in s. NR140, are as follows:

Well	Parameter	Sample Concentration	Standard	Exceedance
PW07	Arsenic	5.2 ug/l	1.0/10.0 ug/l	P
	Iron	2.0 mg/l	.15/.30 mg/l	E
	Manganese	43.6 ug/l	25/50 ug/l	P
	Boron	0.25 mg/l	.20/1.0 mg/l	P
PW08	Arsenic	6.1 ug/l	1.0/10.0 ug/l	P
	Iron	2.3 mg/l	.15/.30 mg/l	E
	Boron	0.28 mg/l	.20/1.0 mg/l	P
PW09	Arsenic	8.4 ug/l	1.0/10.0 ug/l	P
	Iron	0.98 mg/l	.15/.30 mg/l	E
	Boron	0.23 mg/l	.20/1.0 mg/l	P

The preventive action limit exceedances for arsenic, manganese, and boron as well as the enforcement standard exceedances for iron are likely due to natural hydrogeologic conditions present in the primary aquifer in the area.

Should you have any questions regarding the information submitted, please contact me at (414) 405-6785.

Sincerely,
Waste Management of Wisconsin, Inc.

Greg Konsionowski
Chemist

Enclosures
cc: WDNR Plymouth Service Center(letter only)
WDNR Southeast Region – Region Hydrogeologist
Larry Buechel - WMWI-Closed Sites Group / Boundary Road Master File
Boundary Road Monitoring File

Client Sample ID: PW07
Date Collected: 09/12/22 09:30
Date Received: 09/14/22 10:00

Lab Sample ID: 480-201600-2
Matrix: Potable Water

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

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	1.2	0.35	ug/L		09/15/22 16:09	1
1,1,1-Trichloroethane	ND		1.0	2.7	0.82	ug/L		09/15/22 16:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.70	0.21	ug/L		09/15/22 16:09	1
1,1,2-Trichloroethane	ND		1.0	0.77	0.23	ug/L		09/15/22 16:09	1
1,1-Dichloroethane	ND		1.0	1.3	0.38	ug/L		09/15/22 16:09	1
1,1-Dichloroethene	ND		1.0	0.97	0.29	ug/L		09/15/22 16:09	1
1,2,3-Trichloropropane	ND		1.0	3.0	0.89	ug/L		09/15/22 16:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	1.3	0.39	ug/L		09/15/22 16:09	1
1,2-Dibromoethane (EDB)	ND		1.0	2.4	0.73	ug/L		09/15/22 16:09	1
1,2-Dichlorobenzene	ND		1.0	2.6	0.79	ug/L		09/15/22 16:09	1
1,2-Dichloroethane	ND		1.0	0.70	0.21	ug/L		09/15/22 16:09	1
1,2-Dichloropropane	ND		1.0	2.4	0.72	ug/L		09/15/22 16:09	1
1,3-Dichlorobenzene	ND		1.0	2.6	0.78	ug/L		09/15/22 16:09	1
1,4-Dichlorobenzene	ND		1.0	2.8	0.84	ug/L		09/15/22 16:09	1
2-Butanone (MEK)	ND		10	4.4	1.3	ug/L		09/15/22 16:09	1
2-Hexanone	ND		5.0	4.1	1.2	ug/L		09/15/22 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	7.0	2.1	ug/L		09/15/22 16:09	1
Acetone	ND		10	10	3.0	ug/L		09/15/22 16:09	1
Acrolein	ND		100	3.0	0.91	ug/L		09/15/22 16:09	1
Acrylonitrile	ND		100	2.8	0.83	ug/L		09/15/22 16:09	1
Benzene	ND		1.0	1.4	0.41	ug/L		09/15/22 16:09	1
Bromochloromethane	ND		5.0	2.9	0.87	ug/L		09/15/22 16:09	1
Bromodichloromethane	ND		1.0	1.3	0.39	ug/L		09/15/22 16:09	1
Bromoform	ND		1.0	0.87	0.26	ug/L		09/15/22 16:09	1
Bromomethane	ND		1.0	2.3	0.69	ug/L		09/15/22 16:09	1
Carbon disulfide	ND		1.0	0.63	0.19	ug/L		09/15/22 16:09	1
Carbon tetrachloride	ND		1.0	0.90	0.27	ug/L		09/15/22 16:09	1
Chlorobenzene	ND		1.0	2.5	0.75	ug/L		09/15/22 16:09	1
Chloroethane	ND		1.0	1.1	0.32	ug/L		09/15/22 16:09	1
Chloroform	ND		1.0	1.1	0.34	ug/L		09/15/22 16:09	1
Chloromethane	ND		1.0	1.2	0.35	ug/L		09/15/22 16:09	1
cis-1,2-Dichloroethene	ND		1.0	2.7	0.81	ug/L		09/15/22 16:09	1
cis-1,3-Dichloropropene	ND		1.0	1.2	0.36	ug/L		09/15/22 16:09	1
Dibromochloromethane	ND		1.0	1.1	0.32	ug/L		09/15/22 16:09	1
Dichlorodifluoromethane	ND		1.0	2.3	0.68	ug/L		09/15/22 16:09	1
Ethylbenzene	ND		1.0	2.5	0.74	ug/L		09/15/22 16:09	1
Iodomethane	ND		5.0	1.0	0.30	ug/L		09/15/22 16:09	1
Methylene bromide	ND		1.0	1.4	0.41	ug/L		09/15/22 16:09	1
Methylene Chloride	ND		1.0	1.5	0.44	ug/L		09/15/22 16:09	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.53	0.16	ug/L		09/15/22 16:09	1
Naphthalene	ND		1.0	1.4	0.43	ug/L		09/15/22 16:09	1
Styrene	ND		1.0	2.4	0.73	ug/L		09/15/22 16:09	1
Tetrachloroethene	ND		1.0	1.2	0.36	ug/L		09/15/22 16:09	1
Tetrahydrofuran	ND		5.0	4.2	1.3	ug/L		09/15/22 16:09	1
Toluene	ND		1.0	1.7	0.51	ug/L		09/15/22 16:09	1
trans-1,2-Dichloroethene	ND		1.0	3.0	0.90	ug/L		09/15/22 16:09	1
trans-1,3-Dichloropropene	ND		1.0	1.2	0.37	ug/L		09/15/22 16:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.73	0.22	ug/L		09/15/22 16:09	1
Trichloroethene	ND		1.0	1.5	0.46	ug/L		09/15/22 16:09	1

Client Sample ID: PW07
Date Collected: 09/12/22 09:30
Date Received: 09/14/22 10:00

Lab Sample ID: 480-201600-2
Matrix: Potable Water

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

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Trichlorofluoromethane	ND	^c	1.0	2.9	0.88	ug/L		09/15/22 16:09	1
Vinyl acetate	ND		5.0	2.8	0.85	ug/L		09/15/22 16:09	1
Vinyl chloride	ND		1.0	3.0	0.90	ug/L		09/15/22 16:09	1
Xylenes, Total	ND		2.0	2.2	0.66	ug/L		09/15/22 16:09	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Aluminum	ND		200	200	60.0	ug/L		09/16/22 23:03	1
Barium	**31.2**		200	2.3	0.70	ug/L		09/16/22 23:03	1
Boron	**0.25**	**B**	0.020	0.013	0.0040	mg/L		09/16/22 23:03	1
Chromium	ND		10.0	3.3	1.0	ug/L		09/16/22 23:03	1
Iron	**2.0**		0.10	0.064	0.019	mg/L		09/16/22 23:03	1
Manganese	**43.6**		15.0	1.3	0.40	ug/L		09/16/22 23:03	1
Sodium	**32.6**		1.0	1.1	0.32	mg/L		09/16/22 23:03	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Antimony	ND		0.50	1.2	0.35	ug/L		09/16/22 17:58	1
Arsenic	**5.2**		1.0	0.90	0.27	ug/L		09/16/22 17:58	1
Cadmium	ND		0.20	0.24	0.071	ug/L		09/16/22 17:58	1
Selenium	ND		1.0	1.5	0.44	ug/L		09/16/22 17:58	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Total Hardness	**265**		0.50	0.33	0.10	mg/L		09/20/22 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Fluoride	**0.55**		0.10	0.17	0.052	mg/L		09/20/22 04:09	2
Alkalinity, Total	**183**		100	133	40.0	mg/L		09/18/22 10:32	10
Chloride	**39.7**		1.0	1.9	0.56	mg/L		09/20/22 04:09	2
Sulfate	**92.9**		4.0	2.3	0.70	mg/L		09/20/22 04:09	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Color	**No**					NONE		09/12/22 10:30	1
Odor	**No**					NONE		09/12/22 10:30	1
pH, Field	**8.21**					SU		09/12/22 10:30	1
Specific Conductance, Field	**689**					umhos/cm		09/12/22 10:30	1
Temperature, Field (C)	**14.7**					Degrees C		09/12/22 10:30	1
Turbidity, Field	**No**					NONE		09/12/22 10:30	1

Client Sample ID: PW08
Date Collected: 09/12/22 09:45
Date Received: 09/14/22 10:00

Lab Sample ID: 480-201600-3
Matrix: WATER

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

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	1.2	0.35	ug/L		09/15/22 16:33	1
1,1,1-Trichloroethane	ND		1.0	2.7	0.82	ug/L		09/15/22 16:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.70	0.21	ug/L		09/15/22 16:33	1
1,1,2-Trichloroethane	ND		1.0	0.77	0.23	ug/L		09/15/22 16:33	1
1,1-Dichloroethane	ND		1.0	1.3	0.38	ug/L		09/15/22 16:33	1
1,1-Dichloroethene	ND		1.0	0.97	0.29	ug/L		09/15/22 16:33	1
1,2,3-Trichloropropane	ND		1.0	3.0	0.89	ug/L		09/15/22 16:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	1.3	0.39	ug/L		09/15/22 16:33	1
1,2-Dibromoethane (EDB)	ND		1.0	2.4	0.73	ug/L		09/15/22 16:33	1
1,2-Dichlorobenzene	ND		1.0	2.6	0.79	ug/L		09/15/22 16:33	1
1,2-Dichloroethane	ND		1.0	0.70	0.21	ug/L		09/15/22 16:33	1
1,2-Dichloropropane	ND		1.0	2.4	0.72	ug/L		09/15/22 16:33	1
1,3-Dichlorobenzene	ND		1.0	2.6	0.78	ug/L		09/15/22 16:33	1
1,4-Dichlorobenzene	ND		1.0	2.8	0.84	ug/L		09/15/22 16:33	1
2-Butanone (MEK)	ND		10	4.4	1.3	ug/L		09/15/22 16:33	1
2-Hexanone	ND		5.0	4.1	1.2	ug/L		09/15/22 16:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	7.0	2.1	ug/L		09/15/22 16:33	1
Acetone	ND		10	10	3.0	ug/L		09/15/22 16:33	1
Acrolein	ND		100	3.0	0.91	ug/L		09/15/22 16:33	1
Acrylonitrile	ND		100	2.8	0.83	ug/L		09/15/22 16:33	1
Benzene	ND		1.0	1.4	0.41	ug/L		09/15/22 16:33	1
Bromochloromethane	ND		5.0	2.9	0.87	ug/L		09/15/22 16:33	1
Bromodichloromethane	ND		1.0	1.3	0.39	ug/L		09/15/22 16:33	1
Bromoform	ND		1.0	0.87	0.26	ug/L		09/15/22 16:33	1
Bromomethane	ND		1.0	2.3	0.69	ug/L		09/15/22 16:33	1
Carbon disulfide	ND		1.0	0.63	0.19	ug/L		09/15/22 16:33	1
Carbon tetrachloride	ND		1.0	0.90	0.27	ug/L		09/15/22 16:33	1
Chlorobenzene	ND		1.0	2.5	0.75	ug/L		09/15/22 16:33	1
Chloroethane	ND		1.0	1.1	0.32	ug/L		09/15/22 16:33	1
Chloroform	ND		1.0	1.1	0.34	ug/L		09/15/22 16:33	1
Chloromethane	ND		1.0	1.2	0.35	ug/L		09/15/22 16:33	1
cis-1,2-Dichloroethene	ND		1.0	2.7	0.81	ug/L		09/15/22 16:33	1
cis-1,3-Dichloropropene	ND		1.0	1.2	0.36	ug/L		09/15/22 16:33	1
Dibromochloromethane	ND		1.0	1.1	0.32	ug/L		09/15/22 16:33	1
Dichlorodifluoromethane	ND		1.0	2.3	0.68	ug/L		09/15/22 16:33	1
Ethylbenzene	ND		1.0	2.5	0.74	ug/L		09/15/22 16:33	1
Iodomethane	ND		5.0	1.0	0.30	ug/L		09/15/22 16:33	1
Methylene bromide	ND		1.0	1.4	0.41	ug/L		09/15/22 16:33	1
Methylene Chloride	ND		1.0	1.5	0.44	ug/L		09/15/22 16:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.53	0.16	ug/L		09/15/22 16:33	1
Naphthalene	ND		1.0	1.4	0.43	ug/L		09/15/22 16:33	1
Styrene	ND		1.0	2.4	0.73	ug/L		09/15/22 16:33	1
Tetrachloroethene	ND		1.0	1.2	0.36	ug/L		09/15/22 16:33	1
Tetrahydrofuran	ND		5.0	4.2	1.3	ug/L		09/15/22 16:33	1
Toluene	ND		1.0	1.7	0.51	ug/L		09/15/22 16:33	1
trans-1,2-Dichloroethene	ND		1.0	3.0	0.90	ug/L		09/15/22 16:33	1
trans-1,3-Dichloropropene	ND		1.0	1.2	0.37	ug/L		09/15/22 16:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.73	0.22	ug/L		09/15/22 16:33	1
Trichloroethene	ND		1.0	1.5	0.46	ug/L		09/15/22 16:33	1

Client Sample ID: PW08
Date Collected: 09/12/22 09:45
Date Received: 09/14/22 10:00

Lab Sample ID: 480-201600-3
Matrix: WATER

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

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Trichlorofluoromethane	ND	^c	1.0	2.9	0.88	ug/L		09/15/22 16:33	1
Vinyl acetate	ND		5.0	2.8	0.85	ug/L		09/15/22 16:33	1
Vinyl chloride	ND		1.0	3.0	0.90	ug/L		09/15/22 16:33	1
Xylenes, Total	ND		2.0	2.2	0.66	ug/L		09/15/22 16:33	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Aluminum	ND		200	200	60.0	ug/L		09/16/22 23:07	1
Barium	**1.2**	**J**	200	2.3	0.70	ug/L		09/16/22 23:07	1
Boron	**0.28**	**B**	0.020	0.013	0.0040	mg/L		09/16/22 23:07	1
Chromium	ND		10.0	3.3	1.0	ug/L		09/16/22 23:07	1
Iron	**2.3**		0.10	0.064	0.019	mg/L		09/16/22 23:07	1
Manganese	**1.9**		15.0	1.3	0.40	ug/L		09/16/22 23:07	1
Sodium	**137**		1.0	1.1	0.32	mg/L		09/16/22 23:07	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Antimony	ND		0.50	1.2	0.35	ug/L		09/16/22 18:01	1
Arsenic	**6.1**		1.0	0.90	0.27	ug/L		09/16/22 18:01	1
Cadmium	ND		0.20	0.24	0.071	ug/L		09/16/22 18:01	1
Selenium	ND		1.0	1.5	0.44	ug/L		09/16/22 18:01	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Total Hardness	**2.0**		0.50	0.33	0.10	mg/L		09/20/22 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Fluoride	**0.64**		0.10	0.17	0.052	mg/L		09/20/22 04:29	2
Alkalinity, Total	**151**		100	133	40.0	mg/L		09/18/22 10:33	10
Chloride	**27.1**		1.0	1.9	0.56	mg/L		09/20/22 04:29	2
Sulfate	**79.6**		4.0	2.3	0.70	mg/L		09/20/22 04:29	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Color	**No**					NONE		09/12/22 10:45	1
Odor	**No**					NONE		09/12/22 10:45	1
pH, Field	**8.93**					SU		09/12/22 10:45	1
Specific Conductance, Field	**657**					umhos/cm		09/12/22 10:45	1
Temperature, Field (C)	**17.4**					Degrees C		09/12/22 10:45	1
Turbidity, Field	**No**					NONE		09/12/22 10:45	1

Client Sample ID: PW09
Date Collected: 09/12/22 10:00
Date Received: 09/14/22 10:00

Lab Sample ID: 480-201600-4
Matrix: WATER

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

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	1.2	0.35	ug/L		09/15/22 16:57	1
1,1,1-Trichloroethane	ND		1.0	2.7	0.82	ug/L		09/15/22 16:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.70	0.21	ug/L		09/15/22 16:57	1
1,1,2-Trichloroethane	ND		1.0	0.77	0.23	ug/L		09/15/22 16:57	1
1,1-Dichloroethane	ND		1.0	1.3	0.38	ug/L		09/15/22 16:57	1
1,1-Dichloroethene	ND		1.0	0.97	0.29	ug/L		09/15/22 16:57	1
1,2,3-Trichloropropane	ND		1.0	3.0	0.89	ug/L		09/15/22 16:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	1.3	0.39	ug/L		09/15/22 16:57	1
1,2-Dibromoethane (EDB)	ND		1.0	2.4	0.73	ug/L		09/15/22 16:57	1
1,2-Dichlorobenzene	ND		1.0	2.6	0.79	ug/L		09/15/22 16:57	1
1,2-Dichloroethane	ND		1.0	0.70	0.21	ug/L		09/15/22 16:57	1
1,2-Dichloropropane	ND		1.0	2.4	0.72	ug/L		09/15/22 16:57	1
1,3-Dichlorobenzene	ND		1.0	2.6	0.78	ug/L		09/15/22 16:57	1
1,4-Dichlorobenzene	ND		1.0	2.8	0.84	ug/L		09/15/22 16:57	1
2-Butanone (MEK)	ND		10	4.4	1.3	ug/L		09/15/22 16:57	1
2-Hexanone	ND		5.0	4.1	1.2	ug/L		09/15/22 16:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	7.0	2.1	ug/L		09/15/22 16:57	1
Acetone	ND		10	10	3.0	ug/L		09/15/22 16:57	1
Acrolein	ND		100	3.0	0.91	ug/L		09/15/22 16:57	1
Acrylonitrile	ND		100	2.8	0.83	ug/L		09/15/22 16:57	1
Benzene	ND		1.0	1.4	0.41	ug/L		09/15/22 16:57	1
Bromochloromethane	ND		5.0	2.9	0.87	ug/L		09/15/22 16:57	1
Bromodichloromethane	ND		1.0	1.3	0.39	ug/L		09/15/22 16:57	1
Bromoform	ND		1.0	0.87	0.26	ug/L		09/15/22 16:57	1
Bromomethane	ND		1.0	2.3	0.69	ug/L		09/15/22 16:57	1
Carbon disulfide	ND		1.0	0.63	0.19	ug/L		09/15/22 16:57	1
Carbon tetrachloride	ND		1.0	0.90	0.27	ug/L		09/15/22 16:57	1
Chlorobenzene	ND		1.0	2.5	0.75	ug/L		09/15/22 16:57	1
Chloroethane	ND		1.0	1.1	0.32	ug/L		09/15/22 16:57	1
Chloroform	ND		1.0	1.1	0.34	ug/L		09/15/22 16:57	1
Chloromethane	ND		1.0	1.2	0.35	ug/L		09/15/22 16:57	1
cis-1,2-Dichloroethene	ND		1.0	2.7	0.81	ug/L		09/15/22 16:57	1
cis-1,3-Dichloropropene	ND		1.0	1.2	0.36	ug/L		09/15/22 16:57	1
Dibromochloromethane	ND		1.0	1.1	0.32	ug/L		09/15/22 16:57	1
Dichlorodifluoromethane	ND		1.0	2.3	0.68	ug/L		09/15/22 16:57	1
Ethylbenzene	ND		1.0	2.5	0.74	ug/L		09/15/22 16:57	1
Iodomethane	ND		5.0	1.0	0.30	ug/L		09/15/22 16:57	1
Methylene bromide	ND		1.0	1.4	0.41	ug/L		09/15/22 16:57	1
Methylene Chloride	ND		1.0	1.5	0.44	ug/L		09/15/22 16:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.53	0.16	ug/L		09/15/22 16:57	1
Naphthalene	ND		1.0	1.4	0.43	ug/L		09/15/22 16:57	1
Styrene	ND		1.0	2.4	0.73	ug/L		09/15/22 16:57	1
Tetrachloroethene	ND		1.0	1.2	0.36	ug/L		09/15/22 16:57	1
Tetrahydrofuran	ND		5.0	4.2	1.3	ug/L		09/15/22 16:57	1
Toluene	ND		1.0	1.7	0.51	ug/L		09/15/22 16:57	1
trans-1,2-Dichloroethene	ND		1.0	3.0	0.90	ug/L		09/15/22 16:57	1
trans-1,3-Dichloropropene	ND		1.0	1.2	0.37	ug/L		09/15/22 16:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.73	0.22	ug/L		09/15/22 16:57	1
Trichloroethene	ND		1.0	1.5	0.46	ug/L		09/15/22 16:57	1

Client Sample ID: PW09
Date Collected: 09/12/22 10:00
Date Received: 09/14/22 10:00

Lab Sample ID: 480-201600-4
Matrix: WATER

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

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Trichlorofluoromethane	ND	^c	1.0	2.9	0.88	ug/L		09/15/22 16:57	1
Vinyl acetate	ND		5.0	2.8	0.85	ug/L		09/15/22 16:57	1
Vinyl chloride	ND		1.0	3.0	0.90	ug/L		09/15/22 16:57	1
Xylenes, Total	ND		2.0	2.2	0.66	ug/L		09/15/22 16:57	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Aluminum	ND		200	200	60.0	ug/L		09/16/22 23:11	1
Barium	32.2		200	2.3	0.70	ug/L		09/16/22 23:11	1
Boron	0.23	B	0.020	0.013	0.0040	mg/L		09/16/22 23:11	1
Chromium	ND		10.0	3.3	1.0	ug/L		09/16/22 23:11	1
Iron	0.98		0.10	0.064	0.019	mg/L		09/16/22 23:11	1
Manganese	12.7		15.0	1.3	0.40	ug/L		09/16/22 23:11	1
Sodium	37.1		1.0	1.1	0.32	mg/L		09/16/22 23:11	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Antimony	ND		0.50	1.2	0.35	ug/L		09/16/22 18:10	1
Arsenic	8.4		1.0	0.90	0.27	ug/L		09/16/22 18:10	1
Cadmium	ND		0.20	0.24	0.071	ug/L		09/16/22 18:10	1
Selenium	ND		1.0	1.5	0.44	ug/L		09/16/22 18:10	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Total Hardness	212		0.50	0.33	0.10	mg/L		09/20/22 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Fluoride	0.64		0.10	0.17	0.052	mg/L		09/20/22 04:48	2
Alkalinity, Total	211		100	133	40.0	mg/L		09/18/22 11:28	10
Chloride	34.4		1.0	1.9	0.56	mg/L		09/20/22 04:48	2
Sulfate	73.3		4.0	2.3	0.70	mg/L		09/20/22 04:48	2

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	LOQ	LOD	Unit	D	Analyzed	Dil Fac
Color	No					NONE		09/12/22 11:00	1
Odor	No					NONE		09/12/22 11:00	1
pH, Field	7.95					SU		09/12/22 11:00	1
Specific Conductance, Field	602					umhos/cm		09/12/22 11:00	1
Temperature, Field (C)	16.1					Degrees C		09/12/22 11:00	1
Turbidity, Field	No					NONE		09/12/22 11:00	1