

GMP 2021-09 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Bromide by Method EPA 300.0 (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
MW-34-100	MW-34-100-Q321	N	LF		GW	8/26/2021		< 0.10 UJ			< 1.0 U	< 1.0 U	160
MW-38S	MW-38S-Q321	N	LF		GW	8/27/2021		6.5 J			15	17	22
MW-44-115	MW-44-115-Q321	N	LF		GW	8/26/2021		0.51 J			< 1.0 U	< 1.0 U	19
MW-46-175	MW-46-175-Q321	N	LF		GW	8/26/2021					5.3	7.2	
MW-58BR	MW-58BR-Q321	N	LF		GW	8/26/2021		< 0.10 UJ			16	17	380
MW-60BR-245	MW-60BR-245-Q321	N	LF		GW	8/26/2021		< 0.10 UJ			5.5	5.5	< 0.50 U
MW-62-065	MW-62-065-Q321	N	LF		GW	8/27/2021		< 0.10 UJ			590	660	1.7
MW-62-065	MW-901-Q321	FD		MW-62-065-Q321	GW	8/27/2021		< 0.10 UJ			600	610	2.2
MW-62-110	MW-62-110-Q321	N	EP		GW	8/27/2021		< 0.10 UJ			< 1.0 U	< 1.0 U	150
MW-63-065	MW-63-065-Q321	N	LF		GW	8/26/2021		< 0.10 UJ			1.3	1.7	3.3
MW-64BR	MW-64BR-Q321	N	LF		GW	8/26/2021		< 0.10 UJ			< 1.0 U	< 1.0 U	970
MW-65-160	MW-65-160-Q321	N	LF		GW	8/25/2021		< 0.10 UJ			290	310	0.75
MW-65-225	MW-65-225-Q321	N	LF		GW	8/25/2021		< 0.10 UJ			200	210	7.4
MW-68-180	MW-68-180-Q321	N	LF		GW	9/9/2021		1			49000	60000	1.4
MW-69-195	MW-69-195-Q321	N	LF		GW	8/26/2021		1.2 J			480	460	2.2
MW-72-080	MW-72-080-Q321	N	LF		GW	8/27/2021		2.9 J			61	58	55
MW-72BR-200	MW-72BR-200-Q321	N	LF		GW	8/27/2021		5.7 J			< 1.0 U	3	100
MW-73-080	MW-73-080-Q321	N	LF		GW	8/27/2021		< 0.10 UJ			19	22	2.8
TW-02D	TW-02D-Q321	N	EP		GW	9/8/2021	190		< 2.5 U	1900	27	33	130
TW-02D	MW-902-Q321	FD		TW-02D-Q321	GW	9/8/2021	190		< 2.5 U	1900	27	34	140

Notes:

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Specific conductance by Method FIELD DATA (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
MW-34-100	MW-34-100-Q321	N	LF		GW	8/26/2021	65	< 0.10 U	< 0.50 U	9000	11287		
MW-38S	MW-38S-Q321	N	LF		GW	8/27/2021	12	6.1	4.4	1600			
MW-44-115	MW-44-115-Q321	N	LF		GW	8/26/2021	77	< 0.10 U	< 0.50 U	9200	11256		
MW-46-175	MW-46-175-Q321	N	LF		GW	8/26/2021	200	0.94	0.79	15000	20241		
MW-58BR	MW-58BR-Q321	N	LF		GW	8/26/2021	26	0.71	2.2	6400	9038		
MW-60BR-245	MW-60BR-245-Q321	N	LF		GW	8/26/2021	64	0.12	3.8	14000	19684		
MW-62-065	MW-62-065-Q321	N	LF		GW	8/27/2021	13	5.2	3.9	6400			
MW-62-065	MW-901-Q321	FD		MW-62-065-Q321	GW	8/27/2021	13	4.9	3.6	6400			
MW-62-110	MW-62-110-Q321	N	EP		GW	8/27/2021	56	< 0.10 U	< 0.50 U	12000	14398		
MW-63-065	MW-63-065-Q321	N	LF		GW	8/26/2021	16	1.5	1.1	6100	7566		
MW-64BR	MW-64BR-Q321	N	LF		GW	8/26/2021	60	< 0.10 U	< 0.50 U	11000	15290		
MW-65-160	MW-65-160-Q321	N	LF		GW	8/25/2021	24	15	9.4	4100	4503		
MW-65-225	MW-65-225-Q321	N	LF		GW	8/25/2021	39	3.2	3	15000	16998		
MW-68-180	MW-68-180-Q321	N	LF		GW	9/9/2021	55	34	25	5600	6008		
MW-69-195	MW-69-195-Q321	N	LF		GW	8/26/2021	62	17	11	2800	3386		
MW-72-080	MW-72-080-Q321	N	LF		GW	8/27/2021	77	1.2	1.4	15000			
MW-72BR-200	MW-72BR-200-Q321	N	LF		GW	8/27/2021	80	< 0.10 U	< 0.50 U	15000			
MW-73-080	MW-73-080-Q321	N	LF		GW	8/27/2021	35	3.5	4.5	9400			
TW-02D	TW-02D-Q321	N	EP		GW	9/8/2021	18		0.92	6800	7130	460	4200
TW-02D	MW-902-Q321	FD		TW-02D-Q321	GW	9/8/2021	18		0.73	6800		460	4200

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Preliminary Hydro 6 2021-09 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Aluminum, dissolved by Method SW 6020A (µg/L)	Antimony, dissolved by Method SW 6020A (µg/L)	Arsenic, dissolved by Method SW 6020A (µg/L)	Barium, dissolved by Method SW 6020A (µg/L)	Beryllium, dissolved by Method SW 6020A (µg/L)	Boron, dissolved by Method SW 6020A (mg/L)	Cadmium, dissolved by Method SW 6020A (µg/L)
HNWR-01A	HNWR-01A-098-Q321	N	LF		GW	9/21/2021	< 200 U	< 1.0 U	16.3	95	< 1.0 U	0.621	< 1.0 U
HNWR-01A	HNWR-01A-174-Q321	N	LF		GW	9/21/2021	< 200 U	< 1.0 U	13.9	100	< 1.0 U	0.572	< 1.0 U
MARINA-1	MARINA-1-Q321	N	EP		GW	9/20/2021	< 2000 U	< 10 U	< 10 U	80.7	< 10 U	2.87	< 10 U
MTS-1	MTS-1-Q321	N	EP		GW	9/22/2021	< 200 U	< 1.0 U	15.3	82.6	< 1.0 U	0.996	< 1.0 U
MTS-2	MTS-2-Q321	N	EP		GW	9/22/2021	< 200 U	< 1.0 U	18.1	84.4	< 1.0 U	0.972	< 1.0 U
MW-94-030	MW-94-030-Q321	N	LF		GW	9/22/2021	< 200 U	< 1.0 U	5.16	58.1	< 1.0 U	0.694	< 1.0 U
MW-94-100	MW-94-100-Q321	N	LF		GW	9/22/2021	< 200 U	< 1.0 U	11.6	85.5	< 1.0 U	0.622	< 1.0 U
MW-94-100	MW-933-Q321	FD		MW-94-100-Q321	GW	9/22/2021	< 200 U	< 1.0 U	11.5	84.2	< 1.0 U	0.592	< 1.0 U
MW-94-175	MW-94-175-Q321	N	LF		GW	9/22/2021	< 200 U	< 1.0 U	11.6	96.7	< 1.0 U	0.505	< 1.0 U
MW-99-060	MW-99-060-Q321	N	LF		GW	9/23/2021	< 200 U	< 1.0 U	8.9	28.1	< 1.0 U	1.6	< 1.0 U
MW-99-140	MW-99-140-Q321	N	LF		GW	9/23/2021	< 200 U	< 1.0 U	4.75	58.5	< 1.0 U	0.793	< 1.0 U
PGE-09S	PGE-09S-Q321	N	LF		GW	9/21/2021	< 2000 U	< 10 U	17.1	49.3	< 10 U	2.5	< 10 U
SITE B	SITE B-165-Q321	N	LF		GW	9/21/2021	< 2000 U	< 10 U	16.4	111	< 10 U	0.382	< 10 U
							< 200 U	< 1.0 U	16.6	110	< 1.0 U		< 1.0 U
SITE B	SITE B-220-Q321	N	LF		GW	9/21/2021	< 200 U	< 1.0 U	16.5	112	< 1.0 U	0.375	< 1.0 U
SITE B	SITE B-285-Q321	N	LF		GW	9/21/2021	< 200 U	< 1.0 U	15.5	112	< 1.0 U	0.37	< 1.0 U
TOPOCK-2	TOPOCK-2-Q321	N	EP		GW	9/20/2021	< 200 U	< 1.0 U	12.1	51.9	< 1.0 U	0.557	< 1.0 U
TOPOCK-3	TOPOCK-3-Q321	N	EP		GW	9/20/2021	< 200 U	< 1.0 U	13.4	69.3	< 1.0 U	0.508	< 1.0 U

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HNWR-01A	HNWR-01A-098-Q321	N	LF		GW	9/21/2021	30	629	14.5	30.1	< 1.0 U	< 2.0 U	-74.1
HNWR-01A	HNWR-01A-174-Q321	N	LF		GW	9/21/2021	28.5	561	12.7	15.3	< 1.0 U	< 2.0 U	-72.6
MARINA-1	MARINA-1-Q321	N	EP		GW	9/20/2021	338	9580	1.28	< 10 U	< 10 U	< 20 U	-76.9
MTS-1	MTS-1-Q321	N	EP		GW	9/22/2021	87.8	565	2.02	3.32	< 1.0 U	< 2.0 U	-75
MTS-2	MTS-2-Q321	N	EP		GW	9/22/2021	88	586	8.5	10.3	< 1.0 U	< 2.0 U	-75
MW-94-030	MW-94-030-Q321	N	LF		GW	9/22/2021	52.3	291	19.8	21.7	< 1.0 U	< 2.0 U	-72.3
MW-94-100	MW-94-100-Q321	N	LF		GW	9/22/2021	45 43.7	368	9.25	11.4	< 1.0 U	< 2.0 U	-73
MW-94-100	MW-933-Q321	FD		MW-94-100-Q321	GW	9/22/2021	42.7 42.6	370	8.92	11.3	< 1.0 U	< 2.0 U	-72.8
MW-94-175	MW-94-175-Q321	N	LF		GW	9/22/2021	24.4 23.9	199	14.9	16.6	< 1.0 U	< 2.0 U	-74.2
MW-99-060	MW-99-060-Q321	N	LF		GW	9/23/2021	48.6	461	< 0.20 U	< 1.0 U	< 1.0 U	< 2.0 U	-71.8
MW-99-140	MW-99-140-Q321	N	LF		GW	9/23/2021	70	575	0.764	1.44	< 1.0 U	< 2.0 U	-73.3
PGE-09S	PGE-09S-Q321	N	LF		GW	9/21/2021	152	3360	< 1.0 U	< 10 U	< 10 U	< 20 U	-78.2
SITE B	SITE B-165-Q321	N	LF		GW	9/21/2021	35.7 35.3	318	29.9	32.9 32	< 10 U < 1.0 U	< 20 U < 2.0 U	-76.3
SITE B	SITE B-220-Q321	N	LF		GW	9/21/2021	36.5	325	30	34.1	< 1.0 U	< 2.0 U	-75.2
SITE B	SITE B-285-Q321	N	LF		GW	9/21/2021	36.6	336	27.9	33.1	< 1.0 U	< 2.0 U	-74.5
TOPOCK-2	TOPOCK-2-Q321	N	EP		GW	9/20/2021	37	343	11.8	13	< 1.0 U	4.67	-72.6
TOPOCK-3	TOPOCK-3-Q321	N	EP		GW	9/20/2021	30.1	333	14.2	14.9	< 1.0 U	11	-72.8

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Fluoride by Method EPA 300.0 (mg/L)	Iron, dissolved by Method SW 6020A (µg/L)	Lead, dissolved by Method SW 6020A (µg/L)	Magnesium, dissolved by Method SW 6020A (mg/L)	Manganese, dissolved by Method SW 6020A (µg/L)	Mercury, dissolved by Method EPA 7470A (µg/L)	Molybdenum, dissolved by Method SW 6020A (µg/L)
HNWR-01A	HNWR-01A-098-Q321	N	LF		GW	9/21/2021	4.45	110	< 1.0 U	2.13	< 10 U	< 0.50 U	15
HNWR-01A	HNWR-01A-174-Q321	N	LF		GW	9/21/2021	4.48	< 100 U	< 1.0 U	2.01	< 10 U	< 0.50 U	15.8
MARINA-1	MARINA-1-Q321	N	EP		GW	9/20/2021	3.28	< 1000 U	< 10 U	10.4	< 100 U	< 0.50 U	61.4
MTS-1	MTS-1-Q321	N	EP		GW	9/22/2021	5.25	< 100 U	< 1.0 U	2.84	< 10 U	< 0.50 U	19.5
MTS-2	MTS-2-Q321	N	EP		GW	9/22/2021	5.1	< 100 U	< 1.0 U	2.82	< 10 U	< 0.50 U	19.1
MW-94-030	MW-94-030-Q321	N	LF		GW	9/22/2021	3.95	< 100 U	< 1.0 U	11	< 10 U	< 0.50 U	14.5
MW-94-100	MW-94-100-Q321	N	LF		GW	9/22/2021	3.39	< 100 U	< 1.0 U	6.05	< 10 U	< 0.50 U	20.7
MW-94-100	MW-933-Q321	FD		MW-94-100-Q321	GW	9/22/2021	3.35	< 100 U	< 1.0 U	6.02	< 10 U	< 0.50 U	20.3
MW-94-175	MW-94-175-Q321	N	LF		GW	9/22/2021	4	< 100 U	< 1.0 U	1.45	< 10 U	< 0.50 U	10.9
MW-99-060	MW-99-060-Q321	N	LF		GW	9/23/2021	2.94	136	< 1.0 U	19	117	< 0.50 U	34.1
MW-99-140	MW-99-140-Q321	N	LF		GW	9/23/2021	3.61	< 100 U	< 1.0 U	12.1	31.2	< 0.50 U	25.7
PGE-09S	PGE-09S-Q321	N	LF		GW	9/21/2021	1.7	13600	< 10 U	113	461	< 0.50 U	30.2
SITE B	SITE B-165-Q321	N	LF		GW	9/21/2021	4.25	< 1000 U	< 10 U	6.87	< 100 U	< 0.50 U	< 20 U
								< 100 U	< 1.0 U	6.73	< 10 U		13
SITE B	SITE B-220-Q321	N	LF		GW	9/21/2021	4.22	< 100 U	< 1.0 U	6.94	< 10 U	< 0.50 U	14.3
SITE B	SITE B-285-Q321	N	LF		GW	9/21/2021	4.23	< 100 U	< 1.0 U	7.1	< 10 U	< 0.50 U	16.3
TOPOCK-2	TOPOCK-2-Q321	N	EP		GW	9/20/2021	4.22	< 100 U	< 1.0 U	4.2	< 10 U	< 0.50 U	19.1
TOPOCK-3	TOPOCK-3-Q321	N	EP		GW	9/20/2021	4.21	< 100 U	< 1.0 U	4.1	< 10 U	< 0.50 U	16.3

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HNWR-01A	HNWR-01A-098-Q321	N	LF		GW	9/21/2021	16.1	2.15	-10.06	7.1	< 1.0 U	< 1.0 U	435
HNWR-01A	HNWR-01A-174-Q321	N	LF		GW	9/21/2021	22.3	2.19	-10.07	6.8	< 1.0 U	< 1.0 U	396
MARINA-1	MARINA-1-Q321	N	EP		GW	9/20/2021	< 10 U	< 2.0 U	-10.19	51.3	< 10 U	< 10 U	5360
MTS-1	MTS-1-Q321	N	EP		GW	9/22/2021	< 1.0 U	1.75	-10.07	7.94	< 1.0 U	< 1.0 U	404
MTS-2	MTS-2-Q321	N	EP		GW	9/22/2021	< 1.0 U	1.76	-10.06	7.87	< 1.0 U	< 1.0 U	400
MW-94-030	MW-94-030-Q321	N	LF		GW	9/22/2021	< 1.0 U	3.33	-9.59	6.45	3.72	< 1.0 U	225
MW-94-100	MW-94-100-Q321	N	LF		GW	9/22/2021	< 1.0 U	1.99	-9.77	6.9	< 1.0 U	< 1.0 U	273
MW-94-100	MW-933-Q321	FD		MW-94-100-Q321	GW	9/22/2021	< 1.0 U	1.94	-9.79	6.74	< 1.0 U	< 1.0 U	258
MW-94-175	MW-94-175-Q321	N	LF		GW	9/22/2021	< 1.0 U	2.32	-10.06	5.49	< 1.0 U	< 1.0 U	189
MW-99-060	MW-99-060-Q321	N	LF		GW	9/23/2021	2.57	< 0.10 U	-9.62	13.6	< 1.0 U	< 1.0 U	446 E
MW-99-140	MW-99-140-Q321	N	LF		GW	9/23/2021	2.25	1.11	-9.88	10.6	1.12	< 1.0 U	388 E
PGE-09S	PGE-09S-Q321	N	LF		GW	9/21/2021	< 10 U	< 1.0 U	-10.04	15.1	< 10 U	< 10 U	2300
SITE B	SITE B-165-Q321	N	LF		GW	9/21/2021	37.7 35.5	2.43	-10.2	5.65 5.59	< 10 U 1.05	< 10 U < 1.0 U	227
SITE B	SITE B-220-Q321	N	LF		GW	9/21/2021	29.8	2.5	-10.21	5.72	1.12	< 1.0 U	231
SITE B	SITE B-285-Q321	N	LF		GW	9/21/2021	32.4	2.37	-10.22	5.78	1.14	< 1.0 U	234
TOPOCK-2	TOPOCK-2-Q321	N	EP		GW	9/20/2021	< 1.0 U	2.09	-9.83	6.71	< 1.0 U	< 1.0 U	259
TOPOCK-3	TOPOCK-3-Q321	N	EP		GW	9/20/2021	< 1.0 U	2.25	-9.88	5.67	< 1.0 U	< 1.0 U	203

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HNWR-01A	HNWR-01A-098-Q321	N	LF		GW	9/21/2021	76.8	< 1.0 U	1120	18.5	< 20 U
HNWR-01A	HNWR-01A-174-Q321	N	LF		GW	9/21/2021	78.3	< 1.0 U	1070	16.2	< 20 U
MARINA-1	MARINA-1-Q321	N	EP		GW	9/20/2021	653	< 10 U	19400	< 10 U	< 200 U
MTS-1	MTS-1-Q321	N	EP		GW	9/22/2021	129	< 1.0 U	1090	9.65	20.7
MTS-2	MTS-2-Q321	N	EP		GW	9/22/2021	124	< 1.0 U	1120	11.8	< 20 U
MW-94-030	MW-94-030-Q321	N	LF		GW	9/22/2021	163	< 1.0 U	793	15.4	< 20 U
MW-94-100	MW-94-100-Q321	N	LF		GW	9/22/2021	99.7	< 1.0 U	860	16.2	< 20 U
MW-94-100	MW-933-Q321	FD		MW-94-100-Q321	GW	9/22/2021	101	< 1.0 U	798	16.2	< 20 U
MW-94-175	MW-94-175-Q321	N	LF		GW	9/22/2021	63.1	< 1.0 U	521	17.3	< 20 U
MW-99-060	MW-99-060-Q321	N	LF		GW	9/23/2021	183	< 1.0 U	1360	< 1.0 U	< 20 U
MW-99-140	MW-99-140-Q321	N	LF		GW	9/23/2021	138	< 1.0 U	1100	3.13	< 20 U
PGE-09S	PGE-09S-Q321	N	LF		GW	9/21/2021	983	< 10 U	6300	< 10 U	< 200 U
SITE B	SITE B-165-Q321	N	LF		GW	9/21/2021	73	< 10 U < 1.0 U	699	20.3 16	< 200 U < 20 U
SITE B	SITE B-220-Q321	N	LF		GW	9/21/2021	73.9	< 1.0 U	737	15.6	< 20 U
SITE B	SITE B-285-Q321	N	LF		GW	9/21/2021	76.5	< 1.0 U	728	14.2	< 20 U
TOPOCK-2	TOPOCK-2-Q321	N	EP		GW	9/20/2021	83.9	< 1.0 U	765	17.9	26.9
TOPOCK-3	TOPOCK-3-Q321	N	EP		GW	9/20/2021	72	< 1.0 U	549	18.1	34.2

Notes:

Analyses were performed by Emax Laboratory.

< = analyte not detected at the reporting limit shown

-- = data not analyzed or data not reportable

Acronyms and Abbreviations:

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µS/cm = microsiemens per centimeter

EPA = Environmental Protection Agency

FD = field duplicate

GW = groundwater

mg/L = milligrams per liter

N = Normal

SW = solid waste

PMP 2021-08 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Alkalinity, total as CaCO ₃ by Method SM 2320 B (mg/L)	Calcium, dissolved by Method EPA 200.7 (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method EPA 200.8 (µg/L)	Iron, dissolved by Method EPA 200.7 (µg/L)	Magnesium, dissolved by Method EPA 200.7 (mg/L)	Manganese, dissolved by Method EPA 200.8 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)
TW-02D	TW-02D-0821	N	EP	GW	8/4/2021	160	170	2100	350	360	< 20 U	20	52	2.4

Notes:

Analyses were performed by Asset Laboratory.

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GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-08 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	pH by Method SM 4500-H+ B (PHUNITS)	Sodium, dissolved by Method EPA 200.7 (mg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
TW-02D	TW-02D-0821	N	EP	GW	8/4/2021	7.2	1300	6500	480	4500

Notes:

Analyses were performed by Asset Laboratory.

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GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-09 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Alkalinity, total as CaCO ₃ by Method SM 2320 B (mg/L)	Calcium, dissolved by Method EPA 200.7 (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method EPA 200.8 (µg/L)	Iron, dissolved by Method EPA 200.7 (µg/L)	Magnesium, dissolved by Method EPA 200.7 (mg/L)	Manganese, dissolved by Method EPA 200.8 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	pH by Method SM 4500-H+ B (PHUNITS)
TW-02D	TW-02D-0921	N	EP	GW	9/8/2021	200	200	1900	27	35	< 20 U	34 J	130	1.1	7.3

Notes:

Analyses were performed by Asset Laboratory.

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GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-09 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Sodium, dissolved by Method EPA 200.7 (mg/L)	Specific conductance by Method EPA 120.1 ($\mu\text{S}/\text{cm}$)	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
TW-02D	TW-02D-0921	N	EP	GW	9/8/2021	1500	6800	460	4100

Notes:

Analyses were performed by Asset Laboratory.

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Acronyms and Abbreviations:

$\mu\text{g}/\text{L}$ = micrograms per liter

$\mu\text{S}/\text{cm}$ = microsiemens per centimeter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-10 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Alkalinity, total as CaCO ₃ by Method SM 2320 B (mg/L)	Calcium, dissolved by Method EPA 200.7 (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method EPA 200.8 (µg/L)	Iron, dissolved by Method EPA 200.7 (µg/L)	Magnesium, dissolved by Method EPA 200.7 (mg/L)	Manganese, dissolved by Method EPA 200.8 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)
TW-03D	TW-03D-1021	N	EP	GW	10/7/2021	150	210	2100	390	380	< 20 U	28	7.1	2.4

Notes:

Analyses were performed by Asset Laboratory.

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mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-10 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	pH by Method SM 4500-H+ B (PHUNITS)	Sodium, dissolved by Method EPA 200.7 (mg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
TW-03D	TW-03D-1021	N	EP	GW	10/7/2021	7.2	1500 J	7300	480	4400

Notes:

Analyses were performed by Asset Laboratory.

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Acronyms and Abbreviations:

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µS/cm = microsiemens per centimeter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

RMP 2021-07 Surface Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)
C-BNS	C-BNS-Q321	N	R		Surface Water	8/18/2021	2.3	100	< 0.20 U	< 1.0 U	26 J	< 20 U	< 0.50 U	4.1	0.36
C-CON-D	C-CON-D-Q321	N	R		Surface Water	8/19/2021	2	98	< 0.20 U	< 1.0 U	25	< 20 UJ	< 0.50 U	4.1	0.37
C-CON-S	C-CON-S-Q321	N	R		Surface Water	8/19/2021	2.2	100	< 0.20 U	< 1.0 U	21	< 20 UJ	< 0.50 U	4.4	0.38
C-I-3-D	C-I-3-D-Q321	N	R		Surface Water	8/18/2021	2.1	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U	< 0.50 U	4.3	0.36
C-I-3-S	C-I-3-S-Q321	N	R		Surface Water	8/18/2021	2.1	100	< 0.20 U	< 1.0 U	25 J	< 20 U	< 0.50 U	4.2	0.37
C-MAR-D	C-MAR-D-Q321	N	R		Surface Water	8/19/2021	2.1	100	< 0.20 U	< 1.0 U	190	< 20 UJ	3.2	4.3	0.36
C-MAR-S	C-MAR-S-Q321	N	R		Surface Water	8/19/2021	2.6	100	< 0.20 U	< 1.0 U	150	< 20 UJ	4.8	4.3	0.35
C-NR1-D	C-NR1-D-Q321	N	R		Surface Water	8/19/2021	1.8	100	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ	< 0.50 U	4.1	0.37
C-NR1-S	C-NR1-S-Q321	N	R		Surface Water	8/19/2021	1.7	99	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ	< 0.50 U	4.2	0.36
C-NR3-D	C-NR3-D-Q321	N	R		Surface Water	8/19/2021	2	99	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ	< 0.50 U	4.2	0.38
C-NR3-S	C-NR3-S-Q321	N	R		Surface Water	8/19/2021	2.4	100	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ	< 0.50 U	4.2	0.38
C-NR4-D	C-NR4-D-Q321	N	R		Surface Water	8/19/2021	2.4	100	< 0.20 U	< 1.0 U	24	< 20 UJ	< 0.50 U	4.2	0.39
C-NR4-D	MW-903-Q321	FD		C-NR4-D-Q321	Surface Water	8/19/2021	2	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ	< 0.50 U	4.2	0.36
C-NR4-S	C-NR4-S-Q321	N	R		Surface Water	8/19/2021	1.9	99	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ	< 0.50 U	4.2	0.36
C-R22A-D	C-R22A-D-Q321	N	R		Surface Water	8/18/2021	2	100	< 0.20 U	< 1.0 U	21 J	< 20 U	< 0.50 U	4.1	0.35
C-R22A-S	C-R22A-S-Q321	N	R		Surface Water	8/18/2021	2.2	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U	< 0.50 U	4.3	0.37
C-R27-D	C-R27-D-Q321	N	R		Surface Water	8/18/2021	1.9	100	< 0.20 U	< 1.0 U	23 J	21	< 0.50 U	4.3	0.37
C-R27-S	C-R27-S-Q321	N	R		Surface Water	8/18/2021	2	100	< 0.20 U	< 1.0 U	43 J	< 20 U	< 0.50 U	4.3	0.36
C-TAZ-D	C-TAZ-D-Q321	N	R		Surface Water	8/18/2021	2	100	< 0.20 U	< 1.0 U	36 J	< 20 U	< 0.50 U	4.2	0.37
C-TAZ-D	MW-904-Q321	FD		C-TAZ-D-Q321	Surface Water	8/18/2021	2.2	98	< 0.20 U	< 1.0 U	23 J	< 20 U	< 0.50 U	4.2	0.35
C-TAZ-S	C-TAZ-S-Q321	N	R		Surface Water	8/18/2021	2.2	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U	< 0.50 U	4.2	0.37
R-19	R-19-Q321	N	R		Surface Water	8/19/2021	2.3	100	< 0.20 U	< 1.0 U	21	< 20 UJ	< 0.50 U	4	0.36
R-19	MW-905-Q321	FD		R-19-Q321	Surface Water	8/19/2021	2.1	100	< 0.20 U	< 1.0 U	22	< 20 UJ	< 0.50 U	4.1	0.35
R-28	R-28-Q321	N	R		Surface Water	8/18/2021	2.1	100	< 0.20 U	< 1.0 U	22 J	< 20 U	< 0.50 U	4.3	0.35
R63	R63-Q321	N	R		Surface Water	8/18/2021	2	100	< 0.20 U	< 1.0 U	29 J	< 20 U	1.7	4.1	0.35
RRB	RRB-Q321	N	R		Surface Water	8/19/2021	2.2	110	< 0.20 U	< 1.0 U	57	< 20 UJ	6.4	4.3	0.23
SW1	SW1-Q321	N	R		Surface Water	8/18/2021			< 0.20 U	< 1.0 U					
SW2	SW2-Q321	N	R		Surface Water	8/18/2021			< 0.20 U	< 1.0 U					

Notes:

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SM = standard method

SW = solid waste

U = analyte not detected

RMP 2021-07 Surface Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	pH by Method SM 4500-H+ B (PHUNITS)	Selenium, dissolved by Method SW 6020 (µg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Specific conductance by Method FIELD DATA (µS/cm)	Total Suspended Solids (TSS) by Method SM 2540 D (mg/L)
C-BNS	C-BNS-Q321	N	R		Surface Water	8/18/2021	8	1.4	920	920	< 5.0 U
C-CON-D	C-CON-D-Q321	N	R		Surface Water	8/19/2021	8	1.4	890		5.5
C-CON-S	C-CON-S-Q321	N	R		Surface Water	8/19/2021	7.8	1.4	900		< 5.0 U
C-I-3-D	C-I-3-D-Q321	N	R		Surface Water	8/18/2021	8	1.6	910		< 5.0 U
C-I-3-S	C-I-3-S-Q321	N	R		Surface Water	8/18/2021	8	1.4	920		< 5.0 U
C-MAR-D	C-MAR-D-Q321	N	R		Surface Water	8/19/2021	8.2	1.5	920		10
C-MAR-S	C-MAR-S-Q321	N	R		Surface Water	8/19/2021	8.2	1.5	930		8
C-NR1-D	C-NR1-D-Q321	N	R		Surface Water	8/19/2021	8	1.5	920	918	< 5.0 U
C-NR1-S	C-NR1-S-Q321	N	R		Surface Water	8/19/2021	8	1.4	920	920	< 5.0 U
C-NR3-D	C-NR3-D-Q321	N	R		Surface Water	8/19/2021	8.1	1.4	920	921	< 5.0 U
C-NR3-S	C-NR3-S-Q321	N	R		Surface Water	8/19/2021	8.1	1.5	930	922	< 5.0 U
C-NR4-D	C-NR4-D-Q321	N	R		Surface Water	8/19/2021	8.1	1.3	930	919	< 5.0 U
C-NR4-D	MW-903-Q321	FD		C-NR4-D-Q321	Surface Water	8/19/2021	8	1.4	910		< 5.0 U
C-NR4-S	C-NR4-S-Q321	N	R		Surface Water	8/19/2021	8	1.6	900	922	< 5.0 U
C-R22A-D	C-R22A-D-Q321	N	R		Surface Water	8/18/2021	8	1.2	920	919	< 5.0 U
C-R22A-S	C-R22A-S-Q321	N	R		Surface Water	8/18/2021	8.1	1.3	920	921	< 5.0 U
C-R27-D	C-R27-D-Q321	N	R		Surface Water	8/18/2021	8	1.5	910	920	< 5.0 U
C-R27-S	C-R27-S-Q321	N	R		Surface Water	8/18/2021	8	1.2	920	922	< 5.0 U
C-TAZ-D	C-TAZ-D-Q321	N	R		Surface Water	8/18/2021	8.1	1.4	910		< 5.0 U
C-TAZ-D	MW-904-Q321	FD		C-TAZ-D-Q321	Surface Water	8/18/2021	8	1.4	900		< 5.0 U
C-TAZ-S	C-TAZ-S-Q321	N	R		Surface Water	8/18/2021	8	1.3	920		< 5.0 U
R-19	R-19-Q321	N	R		Surface Water	8/19/2021	8.2	1.5	920		< 5.0 U
R-19	MW-905-Q321	FD		R-19-Q321	Surface Water	8/19/2021	8.2	1.5	920		< 5.0 U
R-28	R-28-Q321	N	R		Surface Water	8/18/2021	8	1.6	950	923	< 5.0 U
R63	R63-Q321	N	R		Surface Water	8/18/2021	8	1.4	920		< 5.0 U
RRB	RRB-Q321	N	R		Surface Water	8/19/2021	7.7	1.3	910		< 5.0 U
SW1	SW1-Q321	N	R		Surface Water	8/18/2021	7.6		950	993	
SW2	SW2-Q321	N	R		Surface Water	8/18/2021	7.5		960	980	

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N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Aluminum by Method SW 6010B (µg/L)	Aluminum, dissolved by Method SW 6010B (µg/L)	Ammonia as nitrogen by Method A4500NH3G (mg/L)	Antimony by Method SW 6020 (µg/L)	Antimony, dissolved by Method SW 6020 (µg/L)	Arsenic by Method SW 6020 (µg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)
MW-10D	MW-10D-0821	N	LF		GW	8/24/2021	120	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	49	43
MW-11D	MW-11D-0821	N	LF		GW	8/24/2021	79	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	69	63
MW-70BR-287	MW-70BR-287-0821	N			GW	8/19/2021	34	< 50 U	< 50 U	0.28	1.7	1.6	< 0.10 UJ	< 0.10 U	69 J	63 J
MW-75-033	MW-75-033-0821	N			GW	8/17/2021	83	200	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	75 J	64
MW-75-117	MW-75-117-0821	N			GW	8/17/2021	73	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	71 J	64
MW-75-202	MW-75-202-0821	N			GW	8/17/2021	65	50	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	76 J	61
MW-75-202	MW-906-Q321	FD		MW-75-202-0821	GW	8/17/2021	65	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	74 J	59
MW-75-267	MW-75-267-0821	N			GW	8/17/2021	46	320	< 50 U	0.22	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	72 J	59
MW-75-337	MW-75-337-0821	N			GW	8/17/2021	44	220	< 50 U	0.2	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	66 J	51
MW-76-039	MW-76-039-0821	N	LF		GW	8/18/2021	49	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	52	49
MW-76-156	MW-76-156-0821	N	LF		GW	8/18/2021	51	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	41	47
MW-76-181	MW-76-181-0821	N	LF		GW	8/18/2021	64	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	59	65
MW-76-218	MW-76-218-0821	N	LF		GW	8/18/2021	43	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	59	70
MW-76-218	MW-907-Q321	FD		MW-76-218-0821	GW	8/18/2021	42	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	63	73
MW-77-046	MW-77-046-0821	N	LF		GW	8/18/2021	320	210	< 50 U	0.78	< 0.50 U	< 0.50 U	11 J	1.7 J	98	58
MW-77-102	MW-77-102-0821	N	LF		GW	8/18/2021	150	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	34	39
MW-77-158	MW-77-158-0821	N	LF		GW	8/18/2021	55	< 250 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	42	46
MW-77-187	MW-77-187-0821	N	LF		GW	8/18/2021	43	< 250 U	< 250 U	< 0.20 U	< 2.5 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	50	42
MW-78-070	MW-78-070-0821	N	LF		GW	8/19/2021	100	60	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	0.5 J	0.71	39 J	35 J
MW-78-142	MW-78-142-0821	N	LF		GW	8/19/2021	98	700	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	38 J	29 J
MW-79-058	MW-79-058-0821	N	LF		GW	8/19/2021	190	79	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	100 J	98 J
MW-79-102	MW-79-102-0821	N	LF		GW	8/19/2021	170	72	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.2 J	1.3	35 J	32 J
MW-80-057	MW-80-057-0821	N	LF		GW	8/19/2021	110	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	0.8 J	1.2	50 J	50 J
MW-80-082	MW-80-082-0821	N	LF		GW	8/19/2021	110	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	34 J	32 J
MW-81-043	MW-81-043-0821	N	LF		GW	8/17/2021	180	120	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1	0.73	120 J	93
MW-81-098	MW-81-098-0821	N	LF		GW	8/17/2021	170	87	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	84 J	65
MW-81-098	MW-908-Q321	FD		MW-81-098-0821	GW	8/17/2021	180	95	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	79 J	63
MW-82-046	MW-82-046-0821	N	LF		GW	8/17/2021	1100	150	< 50 U	6.5	< 0.50 U	< 0.50 U	16	13	80 J	53
MW-82-112	MW-82-112-0821	N	LF		GW	8/17/2021	100	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	32 J	29
MW-82-168	MW-82-168-0821	N	LF		GW	8/17/2021	78	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	62 J	49
MW-82-198	MW-82-198-0821	N	LF		GW	8/17/2021	48	110	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	55 J	42
MW-83-090	MW-83-090-0821	N	LF		GW	8/23/2021	96	280	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	84	78
MW-83-180	MW-83-180-0821	N	LF		GW	8/23/2021	37	300	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	47	47
MW-83-225	MW-83-225-0821	N	LF		GW	8/23/2021	35	1100	110	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	43	38
MW-83-245	MW-83-245-0821	N	LF		GW	8/23/2021	89	97	< 50 U	0.21	3.1	3.3	< 0.10 U	< 0.10 U	110	110
MW-84-057	MW-84-057-0821	N	LF		GW	8/20/2021	77	76	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	0.75	1.1	56	56
MW-84-095	MW-84-095-0821	N	LF		GW	8/20/2021	52	600	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	200	180
MW-84-132	MW-84-132-0821	N	LF		GW	8/20/2021	51	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	75	76
MW-84-193	MW-84-193-0821	N	LF		GW	8/20/2021	47	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	42	40
MW-85-129	MW-85-129-0821	N	LF		GW	8/20/2021	130	93	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	0.77	0.41	62	56
MW-85-217	MW-85-217-0821	N	LF		GW	8/20/2021	51	800	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	32	25
MW-85-237	MW-85-237-0821	N	LF		GW	8/20/2021	44	64	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	42	44
MW-86-030	MW-86-030-0821	N	LF		GW	8/18/2021	310	< 50 U	< 50 U	0.24	< 0.50 U	< 0.50 U	1.8 J	1.6 J	77	87
MW-86-030	MW-909-Q321	FD		MW-86-030-0821	GW	8/18/2021	320	< 50 U	< 50 U	0.23	< 0.50 U	< 0.50 U	1.5 J	1.7 J	77	87
MW-86-066	MW-86-066-0821	N	LF		GW	8/18/2021	150	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	71	76
MW-86-120	MW-86-120-0821	N	LF		GW	8/18/2021	87	74	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	36	36
MW-86-140	MW-86-140-0821	N	LF		GW	8/18/2021	97	110	< 50 U	0.79	2.7	1.1	< 0.10 UJ	< 0.10 UJ	54	49
MW-87-109	MW-87-109-0821	N	LF		GW	8/23/2021	71	200	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	0.52	< 0.10 U	130	120
MW-87-139	MW-87-139-0821	N	LF		GW	8/23/2021	49	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	270	260
MW-87-192	MW-87-192-0821	N	LF		GW	8/23/2021	48	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	76	73
MW-87-275	MW-87-275-0821	N	LF		GW	8/23/2021	47	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	59	58
MW-88-107	MW-88-107-0821	N	LF		GW	8/20/2021	130	89	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.1 J	3.8 J	52	50
MW-88-107	MW-910-Q321	FD		MW-88-107-0821	GW	8/20/2021	120	160	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.4 J	1 J	51	50

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Beryllium by Method SW 6020 (µg/L)	Beryllium, dissolved by Method SW 6020 (µg/L)	Boron by Method SW 6010B (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	Bromide by Method EPA 300.0 (mg/L)	Cadmium by Method SW 6020 (µg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium by Method SW 6010B (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)
MW-10D	MW-10D-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	1100	1.1	< 5.0 U	< 0.50 U	< 0.50 U	140000	130	920
MW-11D	MW-11D-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	900	0.88	< 10 U	< 0.50 U	< 0.50 U	330000	350	1600
MW-70BR-287	MW-70BR-287-0821	N			GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	1700	1.7	< 5.0 U	< 0.50 U	< 0.50 U	460000 J	470 J	5100
MW-75-033	MW-75-033-0821	N			GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	590	0.57	< 2.5 U	< 0.50 U	< 0.50 U	160000 J	160	1300
MW-75-117	MW-75-117-0821	N			GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	780	0.88	< 5.0 U	< 0.50 U	< 0.50 U	220000 J	240	3700
MW-75-202	MW-75-202-0821	N			GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	910	0.97	< 5.0 U	< 0.50 U	< 0.50 U	760000 J	750	5600
MW-75-202	MW-906-Q321	FD		MW-75-202-0821	GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	900	0.98	< 5.0 U	< 0.50 U	< 0.50 U	640000 J	620	5600
MW-75-267	MW-75-267-0821	N			GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	3200	1.7	< 5.0 U	< 0.50 U	< 0.50 U	540000 J	350	7500
MW-75-337	MW-75-337-0821	N			GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	2200	2.1	< 5.0 U	< 0.50 U	< 0.50 U	260000 J	240	10000
MW-76-039	MW-76-039-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1300	1.4	< 2.5 UJ	< 0.50 U	< 0.50 U	380000 J	420 J	5200
MW-76-156	MW-76-156-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1400	1.4	< 5.0 UJ	< 0.50 U	< 0.50 U	390000 J	410 J	5100
MW-76-181	MW-76-181-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1100	1.3	< 5.0 UJ	< 0.50 U	< 0.50 U	550000 J	570 J	6500
MW-76-218	MW-76-218-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	3000 J	2	< 5.0 UJ	< 0.50 U	< 0.50 U	370000 J	390 J	6900
MW-76-218	MW-907-Q321	FD		MW-76-218-0821	GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1800 J	1.9	< 5.0 UJ	< 0.50 U	< 0.50 U	360000 J	370 J	7100
MW-77-046	MW-77-046-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1300	1.3	< 5.0 UJ	< 0.50 U	< 0.50 U	100000 J	100 J	1700
MW-77-102	MW-77-102-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1200	1.2	< 5.0 UJ	< 0.50 U	< 0.50 U	220000 J	58 J	2200
MW-77-158	MW-77-158-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	2500	2.6	< 5.0 UJ	< 0.50 U	< 0.50 U	560000 J	580 J	6400
MW-77-187	MW-77-187-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	4500	4	< 5.0 UJ	< 2.5 U	< 2.5 U	170000 J	180 J	6700
MW-78-070	MW-78-070-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	600	0.65	< 2.5 U	< 0.50 U	< 0.50 U	110000 J	110 J	460
MW-78-142	MW-78-142-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	1900	2	< 5.0 U	< 0.50 U	< 0.50 U	280000 J	290 J	3500
MW-79-058	MW-79-058-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	670	0.64	< 5.0 U	< 0.50 U	< 0.50 U	190000 J	200 J	700
MW-79-102	MW-79-102-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	1600	1.6	< 5.0 U	< 0.50 U	< 0.50 U	140000 J	140 J	1800
MW-80-057	MW-80-057-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	700	0.82	< 2.5 U	< 0.50 U	< 0.50 U	97000 J	95 J	1300
MW-80-082	MW-80-082-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	990	1	< 5.0 U	< 0.50 U	< 0.50 U	180000 J	180 J	2200
MW-81-043	MW-81-043-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	960	0.99	< 5.0 U	< 0.50 U	< 0.50 U	220000 J	230	2000
MW-81-098	MW-81-098-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1100	1.2	< 5.0 U	< 0.50 U	< 0.50 U	250000 J	270	2300
MW-81-098	MW-908-Q321	FD		MW-81-098-0821	GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1100	1.1	< 5.0 U	< 0.50 U	< 0.50 U	250000 J	250	2300
MW-82-046	MW-82-046-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1400	1.3	< 5.0 U	< 0.50 U	< 0.50 U	150000 J	140	2300
MW-82-112	MW-82-112-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1400	1.4	< 5.0 U	< 0.50 U	< 0.50 U	190000 J	180	2300
MW-82-168	MW-82-168-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	900	1	< 5.0 U	< 0.50 U	< 0.50 U	870000 J	700	6000
MW-82-198	MW-82-198-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1500	1.6	< 5.0 U	< 0.50 U	< 0.50 U	150000 J	150	6100
MW-83-090	MW-83-090-0821	N	LF		GW	8/23/2021	< 0.50 U	< 0.50 U	290	0.28	< 2.5 U	< 0.50 U	< 0.50 U	140000	140	550
MW-83-180	MW-83-180-0821	N	LF		GW	8/23/2021	< 2.5 U	< 0.50 U	1200	1.2	< 5.0 U	< 0.50 U	< 0.50 U	280000	270	3600
MW-83-225	MW-83-225-0821	N	LF		GW	8/23/2021	< 2.5 U	< 0.50 U	1600	1.5	< 5.0 U	< 0.50 U	< 0.50 U	380000	350	5100
MW-83-245	MW-83-245-0821	N	LF		GW	8/23/2021	< 2.5 U	< 2.5 U	1700	1.7	< 5.0 U	< 0.50 U	< 0.50 U	380000	370	6200
MW-84-057	MW-84-057-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	380	0.37	< 5.0 U	< 0.50 U	< 0.50 U	98000	97	510
MW-84-095	MW-84-095-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	390	0.41	< 5.0 U	< 0.50 U	< 0.50 U	310000	320	1700
MW-84-132	MW-84-132-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	850	0.83	< 5.0 U	< 0.50 U	< 0.50 U	290000	300	2600
MW-84-193	MW-84-193-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	1500	1.5	< 5.0 U	< 0.50 U	< 0.50 U	180000	170	3900
MW-85-129	MW-85-129-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	440	0.43	< 2.5 U	< 0.50 U	< 0.50 U	110000	110	380
MW-85-217	MW-85-217-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	1700	1.7	< 5.0 U	< 0.50 U	< 0.50 U	220000	230	4000
MW-85-237	MW-85-237-0821	N	LF		GW	8/20/2021	< 0.50 U	< 2.5 U	1900	1.9	< 5.0 U	< 0.50 U	< 0.50 U	290000	350	5300
MW-86-030	MW-86-030-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	390	0.28	< 2.5 UJ	< 0.50 U	< 0.50 U	86000 J	84 J	120
MW-86-030	MW-909-Q321	FD		MW-86-030-0821	GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	410	0.28	< 2.5 UJ	< 0.50 U	< 0.50 U	88000 J	89 J	120
MW-86-066	MW-86-066-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	850	0.83	< 5.0 UJ	< 0.50 U	< 0.50 U	220000 J	230 J	2000
MW-86-120	MW-86-120-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	880	0.93	< 5.0 UJ	< 0.50 U	< 0.50 U	260000 J	270 J	3500
MW-86-140	MW-86-140-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	980	1	< 5.0 UJ	< 0.50 U	< 0.50 U	310000 J	350 J	4000
MW-87-109	MW-87-109-0821	N	LF		GW	8/23/2021	< 0.50 U	< 0.50 U	330	0.32	< 5.0 U	< 0.50 U	< 0.50 U	130000	120	610
MW-87-139	MW-87-139-0821	N	LF		GW	8/23/2021	< 0.50 U	< 0.50 U	460	0.44	< 5.0 U	< 0.50 U	< 0.50 U	540000	490	2200
MW-87-192	MW-87-192-0821	N	LF		GW	8/23/2021	< 0.50 U	< 0.50 U	910	0.97	< 5.0 U	< 0.50 U	< 0.50 U	250000	260	2700
MW-87-275	MW-87-275-0821	N	LF		GW	8/23/2021	< 2.5 U	< 0.50 U	1300	1.3	< 5.0 U	< 0.50 U	< 0.50 U	270000	270	3700
MW-88-107	MW-88-107-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	450	0.42	< 2.5 U	< 0.50 U	< 0.50 U	100000	100	490
MW-88-107	MW-910-Q321	FD		MW-88-107-0821	GW	8/20/2021	< 0.50 U	< 0.50 U	410	0.42	< 2.5 U	< 0.50 U	< 0.50 U	100000	100	490

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total by Method SW 6020 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt by Method SW 6020 (µg/L)	Cobalt, dissolved by Method SW 6020 (µg/L)	Copper by Method SW 6020 (µg/L)	Copper, dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)
MW-10D	MW-10D-0821	N	LF		GW	8/24/2021	240	280	270	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	1.2	53 J	< 20 UJ
MW-11D	MW-11D-0821	N	LF		GW	8/24/2021	300	340	330	0.61	< 0.50 U	< 1.0 U	< 1.0 UJ	< 2.0 U	23 J	< 20 UJ
MW-70BR-287	MW-70BR-287-0821	N			GW	8/19/2021	280	310 J	310	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	3.7	74 J	< 20 U
MW-75-033	MW-75-033-0821	N			GW	8/17/2021	29	34	28	< 0.50 U	< 0.50 U	1.7	< 1.0 U	2.5	220 J	< 20 U
MW-75-117	MW-75-117-0821	N			GW	8/17/2021	7.4	9.5	7	< 0.50 U	< 0.50 U	2.3	< 1.0 U	3.1	33 J	< 20 U
MW-75-202	MW-75-202-0821	N			GW	8/17/2021	< 1.0 U	7 J	< 1.0 U	< 0.50 U	< 0.50 U	10	3.1	3.1	32 J	22
MW-75-202	MW-906-Q321	FD		MW-75-202-0821	GW	8/17/2021	< 1.0 U	3.2 J	< 1.0 U	< 0.50 U	< 0.50 U	8.2	3.5	3.5	32 J	25
MW-75-267	MW-75-267-0821	N			GW	8/17/2021	< 1.0 U	1.7	< 1.0 U	< 0.50 U	< 0.50 U	3.2	< 1.0 U	3.8	540 J	250
MW-75-337	MW-75-337-0821	N			GW	8/17/2021	< 1.0 U	7.6	1.4	< 0.50 U	< 0.50 U	5.6	1.9	4.4	450 J	260
MW-76-039	MW-76-039-0821	N	LF		GW	8/18/2021	3.2	6.8 J	3.3	< 0.50 U	< 0.50 U	14 J	11 J	2.2	69 J	23 J
MW-76-156	MW-76-156-0821	N	LF		GW	8/18/2021	2.3	2.6 J	2.6	< 0.50 U	< 0.50 U	1.9 J	1.2 J	3.1	< 20 UJ	< 20 UJ
MW-76-181	MW-76-181-0821	N	LF		GW	8/18/2021	1500	1400 J	1400	< 0.50 U	< 0.50 U	5.5 J	1.4 J	2.7	97 J	< 20 UJ
MW-76-218	MW-76-218-0821	N	LF		GW	8/18/2021	320	310 J	310	< 0.50 U	< 0.50 U	6.3 J	3.8 J	4	23 J	< 20 UJ
MW-76-218	MW-907-Q321	FD		MW-76-218-0821	GW	8/18/2021	290	310 J	310	< 0.50 U	< 0.50 U	5.6 J	2.6 J	4	34 J	< 20 UJ
MW-77-046	MW-77-046-0821	N	LF		GW	8/18/2021	< 0.20 U	5.4 J	< 1.0 U	0.91	< 0.50 U	1.3 J	< 1.0 UJ	6.1	4800 J	220 J
MW-77-102	MW-77-102-0821	N	LF		GW	8/18/2021	0.55	1.3 J	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 UJ	3.1	29 J	< 20 UJ
MW-77-158	MW-77-158-0821	N	LF		GW	8/18/2021	1.8	14 J	3.1	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 UJ	3.4	100 J	26 J
MW-77-187	MW-77-187-0821	N	LF		GW	8/18/2021	1.1	8.1 J	3	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 UJ	6.6	< 100 UJ	< 100 UJ
MW-78-070	MW-78-070-0821	N	LF		GW	8/19/2021	3500	4500 J	4300	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	1.6	58 J	< 20 U
MW-78-142	MW-78-142-0821	N	LF		GW	8/19/2021	5200	6500 J	6400	0.53	< 0.50 U	1.8 J	< 1.0 U	3.2	1200 J	26
MW-79-058	MW-79-058-0821	N	LF		GW	8/19/2021	2600	3500 J	2700	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	< 1.0 U	110 J	< 20 U
MW-79-102	MW-79-102-0821	N	LF		GW	8/19/2021	2400	3400 J	2500	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	2.7	120 J	< 20 U
MW-80-057	MW-80-057-0821	N	LF		GW	8/19/2021	680	750 J	760	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	3.3	58 J	< 20 U
MW-80-082	MW-80-082-0821	N	LF		GW	8/19/2021	1300	1900 J	1600	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	2.7	64 J	< 20 U
MW-81-043	MW-81-043-0821	N	LF		GW	8/17/2021	7.3	15	7.7	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	3.8	350 J	79
MW-81-098	MW-81-098-0821	N	LF		GW	8/17/2021	0.56	8.2	< 1.0 U	< 0.50 U	< 0.50 U	1.5	< 1.0 U	2.4	320 J	25
MW-81-098	MW-908-Q321	FD		MW-81-098-0821	GW	8/17/2021	0.59	6.9	< 1.0 U	< 0.50 U	< 0.50 U	1.1	< 1.0 U	2.6	270 J	36
MW-82-046	MW-82-046-0821	N	LF		GW	8/17/2021	< 0.20 U	7.4	< 1.0 U	0.98	< 0.50 U	1.4	< 1.0 U	2.6	3700 J	3000
MW-82-112	MW-82-112-0821	N	LF		GW	8/17/2021	0.28	2.8	< 1.0 U	< 0.50 U	< 0.50 U	1.3	< 1.0 U	2.8	51 J	< 20 U
MW-82-168	MW-82-168-0821	N	LF		GW	8/17/2021	< 1.0 U	63	< 1.0 U	0.85	< 0.50 U	3	< 1.0 U	2.7	270 J	28
MW-82-198	MW-82-198-0821	N	LF		GW	8/17/2021	< 1.0 U	6	< 1.0 U	< 0.50 U	< 0.50 U	1.4	< 1.0 U	4	230 J	20
MW-83-090	MW-83-090-0821	N	LF		GW	8/23/2021	52	61	55	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	1.3	420 J	32 J
MW-83-180	MW-83-180-0821	N	LF		GW	8/23/2021	3.9	24	7.3	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	4.1	380 J	90 J
MW-83-225	MW-83-225-0821	N	LF		GW	8/23/2021	370	440	420	0.74	< 0.50 U	4.8	< 1.0 U	4.2	1100 J	82 J
MW-83-245	MW-83-245-0821	N	LF		GW	8/23/2021	17	25	17	< 0.50 U	< 0.50 U	1.5	< 1.0 U	4	110 J	21 J
MW-84-057	MW-84-057-0821	N	LF		GW	8/20/2021	23	26 J	26	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2	76 J	20 J
MW-84-095	MW-84-095-0821	N	LF		GW	8/20/2021	2.6	6.3 J	3.5	< 0.50 U	< 0.50 U	1.3	< 1.0 U	2.8	760 J	< 20 UJ
MW-84-132	MW-84-132-0821	N	LF		GW	8/20/2021	2.6	4 J	3.6	< 0.50 U	< 0.50 U	1.7	< 1.0 U	3.4	47 J	26 J
MW-84-193	MW-84-193-0821	N	LF		GW	8/20/2021	23	27 J	25	< 0.50 U	< 0.50 U	5.9	3.7	3.7	57 J	21 J
MW-85-129	MW-85-129-0821	N	LF		GW	8/20/2021	130	150 J	130	0.59	< 0.50 U	< 1.0 U	< 1.0 U	0.56	160 J	35 J
MW-85-217	MW-85-217-0821	N	LF		GW	8/20/2021	520	670 J	580	1	< 0.50 U	5.6	< 1.0 U	4.3	1100 J	32 J
MW-85-237	MW-85-237-0821	N	LF		GW	8/20/2021	1400	940 J	1500	< 0.50 U	< 0.50 U	3.8	1.4	4.5	97 J	36 J
MW-86-030	MW-86-030-0821	N	LF		GW	8/18/2021	< 0.20 U	< 1.0 UJ	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 UJ	1.4	150 J	42 J
MW-86-030	MW-909-Q321	FD		MW-86-030-0821	GW	8/18/2021	< 0.20 U	< 1.0 UJ	< 1.0 U	< 0.50 U	< 0.50 U	1.1 J	< 1.0 UJ	1.4	59 J	45 J
MW-86-066	MW-86-066-0821	N	LF		GW	8/18/2021	< 0.20 U	3.2 J	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 UJ	2	34 J	21 J
MW-86-120	MW-86-120-0821	N	LF		GW	8/18/2021	< 1.0 U	11 J	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 UJ	3.1	210 J	58 J
MW-86-140	MW-86-140-0821	N	LF		GW	8/18/2021	< 1.0 U	6.1 J	< 1.0 U	0.63	< 0.50 U	1.8 J	< 1.0 UJ	3.1	1200 J	530 J
MW-87-109	MW-87-109-0821	N	LF		GW	8/23/2021	27	29	28	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2.3	240 J	39 J
MW-87-139	MW-87-139-0821	N	LF		GW	8/23/2021	11	12	11	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2.4	140 J	26 J
MW-87-192	MW-87-192-0821	N	LF		GW	8/23/2021	1.4	3.3	2.1	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	3.5	61 J	45 J
MW-87-275	MW-87-275-0821	N	LF		GW	8/23/2021	< 1.0 U	2.1	1.5	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	4.1	210 J	25 J
MW-88-107	MW-88-107-0821	N	LF		GW	8/20/2021	120	140 J	130	0.51	< 0.50 U	< 1.0 U	< 1.0 U	1	170 J	24 J
MW-88-107	MW-910-Q321	FD		MW-88-107-0821	GW	8/20/2021	120	140 J	130	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	1	220 J	72 J

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Lead by Method SW 6020 (µg/L)	Lead, dissolved by Method SW 6020 (µg/L)	Magnesium by Method SW 6010B (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Mercury by Method EPA 7470A (µg/L)	Mercury, dissolved by Method EPA 7470A (µg/L)	Molybdenum by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)
MW-10D	MW-10D-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	27000	28	10	< 0.50 UJ	< 0.20 U	< 0.20 U	1.5	1.4
MW-11D	MW-11D-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	56000	64	< 0.50 U	< 0.50 UJ	< 0.20 U	< 0.20 U	4.2	4.1
MW-70BR-287	MW-70BR-287-0821	N			GW	8/19/2021	< 1.0 U	< 1.0 U	25000 J	2 J	5.7	1.1	< 0.20 U	< 0.20 U	52	52
MW-75-033	MW-75-033-0821	N			GW	8/17/2021	< 1.0 U	< 1.0 U	31000 J	31 J	33	11	< 0.20 U	< 0.20 UJ	8.8	8.1
MW-75-117	MW-75-117-0821	N			GW	8/17/2021	< 1.0 U	< 1.0 U	52000 J	55 J	230	150	< 0.20 U	< 0.20 UJ	38	33
MW-75-202	MW-75-202-0821	N			GW	8/17/2021	< 1.0 U	< 1.0 U	53000 J	54 J	1600	1500	< 0.20 U	< 0.20 UJ	54	45
MW-75-202	MW-906-Q321	FD		MW-75-202-0821	GW	8/17/2021	< 1.0 U	< 1.0 U	52000 J	54 J	1600	1500	< 0.20 U	< 0.20 UJ	52	44
MW-75-267	MW-75-267-0821	N			GW	8/17/2021	< 1.0 U	< 25 U	25000 J	15 J	1700	1500	< 0.20 U	< 0.20 UJ	78	67
MW-75-337	MW-75-337-0821	N			GW	8/17/2021	< 1.0 U	< 5.0 U	4200 J	4.4 J	480	470	< 0.20 U	< 0.20 UJ	240	230
MW-76-039	MW-76-039-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	26000 J	25 J	120	110	< 0.20 U	< 0.20 U	25	28
MW-76-156	MW-76-156-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	29000 J	27 J	110	110	< 0.20 U	< 0.20 U	27	28
MW-76-181	MW-76-181-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	57000 J	63 J	160	120	< 0.20 U	< 0.20 U	27	25
MW-76-218	MW-76-218-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	16000 J	15 J	410	380	< 0.20 U	< 0.20 U	44	47
MW-76-218	MW-907-Q321	FD		MW-76-218-0821	GW	8/18/2021	1.2	< 1.0 U	16000 J	15 J	410	390	< 0.20 U	< 0.20 U	47	48
MW-77-046	MW-77-046-0821	N	LF		GW	8/18/2021	2.8	< 1.0 U	58000 J	58 J	510	440	< 0.20 U	< 0.20 U	120	120
MW-77-102	MW-77-102-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	29000 J	9 J	30	28	< 0.20 U	< 0.20 U	4.1	4.2
MW-77-158	MW-77-158-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	28000 J	31 J	85	79	< 0.20 U	< 0.20 U	33	34
MW-77-187	MW-77-187-0821	N	LF		GW	8/18/2021	< 1.0 U	< 5.0 U	6600 J	6.6 J	69	65	< 0.20 U	< 0.20 U	180	210
MW-78-070	MW-78-070-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	22000 J	22 J	1.9	< 0.50 U	< 0.20 U	< 0.20 U	9	8.7
MW-78-142	MW-78-142-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	19000 J	18 J	27	8.2	< 0.20 U	< 0.20 U	22	21
MW-79-058	MW-79-058-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	44000 J	45 J	3.4	< 0.50 U	< 0.20 U	< 0.20 U	9.7	10
MW-79-102	MW-79-102-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	19000 J	17 J	20	17	< 0.20 U	< 0.20 U	28	28
MW-80-057	MW-80-057-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	15000 J	13 J	4.4	1.8	< 0.20 U	< 0.20 U	34	34
MW-80-082	MW-80-082-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	20000 J	18 J	1.9	< 0.50 U	< 0.20 U	< 0.20 U	25	24
MW-81-043	MW-81-043-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	50000 J	52 J	230	180	< 0.20 U	< 0.20 UJ	24	21
MW-81-098	MW-81-098-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	40000 J	39 J	130	110	< 0.20 U	< 0.20 UJ	4.5	3.8
MW-81-098	MW-908-Q321	FD		MW-81-098-0821	GW	8/17/2021	< 1.0 U	< 1.0 U	39000 J	36 J	130	110	< 0.20 U	< 0.20 UJ	4.4	3.5
MW-82-046	MW-82-046-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	200000 J	190 J	230	160	< 0.20 U	< 0.20 UJ	17	15
MW-82-112	MW-82-112-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	16000 J	15 J	26	23	< 0.20 U	< 0.20 UJ	9.1	8.3
MW-82-168	MW-82-168-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	57000 J	67 J	380	320	< 0.20 U	< 0.20 UJ	24	18
MW-82-198	MW-82-198-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	4500 J	4.8 J	260	210	< 0.20 U	< 0.20 UJ	83	75
MW-83-090	MW-83-090-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	26000	25 J	26	< 0.50 U	< 0.20 U	< 0.20 U	3.3	2.9
MW-83-180	MW-83-180-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	17000	16 J	6.4	< 0.50 U	< 0.20 U	< 0.20 U	31	30
MW-83-225	MW-83-225-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	17000	15 J	35	3.8	< 0.20 U	< 0.20 U	49	45
MW-83-245	MW-83-245-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	4800	3.1 J	30	1.9	< 0.20 U	< 0.20 U	67	60
MW-84-057	MW-84-057-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	17000	16 J	1.3	< 0.50 U	< 0.20 U	< 0.20 U	12	12
MW-84-095	MW-84-095-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	53000	54 J	25	< 0.50 U	< 0.20 U	< 0.20 U	5.7	5.4
MW-84-132	MW-84-132-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	34000	33 J	0.85	< 0.50 U	0.26	< 0.20 U	18	18
MW-84-193	MW-84-193-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	6600	6.3 J	6	1.2	< 0.20 U	< 0.20 U	51	50
MW-85-129	MW-85-129-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	22000	21 J	4.4	< 0.50 U	< 0.20 U	< 0.20 U	4.9	4.2
MW-85-217	MW-85-217-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	9000	8.7 J	62	2.2	< 0.20 U	< 0.20 U	89	81
MW-85-237	MW-85-237-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	9800	10 J	23	15	< 0.20 U	< 0.20 U	84	76
MW-86-030	MW-86-030-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	30000 J	29 J	59	63	< 0.20 U	< 0.20 U	10	10
MW-86-030	MW-909-Q321	FD		MW-86-030-0821	GW	8/18/2021	< 1.0 U	< 1.0 U	27000 J	30 J	59	72	< 0.20 U	< 0.20 U	9.9	10
MW-86-066	MW-86-066-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	42000 J	42 J	750	720	< 0.20 U	< 0.20 U	21	22
MW-86-120	MW-86-120-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	55000 J	52 J	300	260	< 0.20 U	< 0.20 U	32	33
MW-86-140	MW-86-140-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	40000 J	41 J	860	870	< 0.20 U	< 0.20 U	32	31
MW-87-109	MW-87-109-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	19000	17 J	19	0.92	< 0.20 U	< 0.20 U	8.1	6.8
MW-87-139	MW-87-139-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	81000	74 J	35	3.2	< 0.20 U	< 0.20 U	3.4	3.9
MW-87-192	MW-87-192-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	25000	25 J	1.5	< 0.50 U	< 0.20 U	< 0.20 U	22	20
MW-87-275	MW-87-275-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	18000	19 J	29	28	< 0.20 U	< 0.20 U	44	41
MW-88-107	MW-88-107-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	14000	14 J	3.2	< 0.50 U	< 0.20 U	< 0.20 U	9.6	9.4
MW-88-107	MW-910-Q321	FD		MW-88-107-0821	GW	8/20/2021	< 1.0 U	< 1.0 U	14000	14 J	3.2	< 0.50 U	< 0.20 U	< 0.20 U	9.8	9.3

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nickel by Method SW 6020 (µg/L)	Nickel, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	pH by Method FIELD DATA (PHUNITS)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium by Method SW 6020 (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)
MW-10D	MW-10D-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	11	7.44	18 J	6.3	6.6	< 0.50 U	< 0.50 U	630
MW-11D	MW-11D-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	5.3 J	7.15	23 J	4	4.1	< 0.50 U	< 0.50 U	820
MW-70BR-287	MW-70BR-287-0821	N			GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	1.3		38	1.2	1	< 0.50 U	< 0.50 U	3800 J
MW-75-033	MW-75-033-0821	N			GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	2.2		9.3 J	2.2	1.9	< 0.50 U	< 0.50 U	730 J
MW-75-117	MW-75-117-0821	N			GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	2.3		24 J	1.5	1.4	< 0.50 U	< 0.50 U	2800 J
MW-75-202	MW-75-202-0821	N			GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.9		30 J	0.62	< 0.50 U	< 0.50 U	< 0.50 U	3800 J
MW-75-202	MW-906-Q321	FD		MW-75-202-0821	GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.89		27 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	3900 J
MW-75-267	MW-75-267-0821	N			GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U		54 J	0.5	< 0.50 U	< 0.50 U	< 0.50 U	4200 J
MW-75-337	MW-75-337-0821	N			GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U		69 J	< 0.50 U	0.52 J	< 0.50 U	< 0.50 U	8000 J
MW-76-039	MW-76-039-0821	N	LF		GW	8/18/2021	< 5.0 UJ	< 5.0 UJ	1.8	7.31	25	0.99 J	1	< 0.50 U	< 0.50 U	3800 J
MW-76-156	MW-76-156-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	1.8	7.65	25	1 J	1	< 0.50 U	< 0.50 U	4800 J
MW-76-181	MW-76-181-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	2.3	7.43	30	1.8 J	1.8	< 0.50 U	< 0.50 U	5100 J
MW-76-218	MW-76-218-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	1.5	8.2	45	1.3 J	1.3	< 0.50 U	< 0.50 U	5600 J
MW-76-218	MW-907-Q321	FD		MW-76-218-0821	GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	1.5		45	1.8 J	1.2	< 0.50 U	< 0.50 U	5600 J
MW-77-046	MW-77-046-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U	7.43	17	1.6 J	< 0.50 U	< 0.50 U	< 0.50 U	1500 J
MW-77-102	MW-77-102-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	0.52	7.22	15	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	1600 J
MW-77-158	MW-77-158-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	0.82	7.58	38	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	4900 J
MW-77-187	MW-77-187-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	1.4	8.24	41	0.58 J	0.81	< 2.5 U	< 2.5 U	6300 J
MW-78-070	MW-78-070-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	11	7.54	8	9.5	8.8	< 0.50 U	< 0.50 U	340 J
MW-78-142	MW-78-142-0821	N	LF		GW	8/19/2021	< 25 UJ	< 25 UJ	10	7.38	28	36	38	< 0.50 U	< 0.50 U	2700 J
MW-79-058	MW-79-058-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	10	7.49	13	8.6	10	< 0.50 U	< 0.50 U	350 J
MW-79-102	MW-79-102-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	15	7.52	16	57	67	< 0.50 U	< 0.50 U	1900 J
MW-80-057	MW-80-057-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	16	7.67	9.5	32	41	< 0.50 U	< 0.50 U	1300 J
MW-80-082	MW-80-082-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	14	7.54	19	25	29	< 0.50 U	< 0.50 U	1800 J
MW-81-043	MW-81-043-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.53	7.43	15 J	1.4	1.3	< 0.50 U	< 0.50 U	1300 J
MW-81-098	MW-81-098-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.53	7.19	18 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	1500 J
MW-81-098	MW-908-Q321	FD		MW-81-098-0821	GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.45		15 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	1500 J
MW-82-046	MW-82-046-0821	N	LF		GW	8/17/2021	< 5.0 UJ	< 1.0 UJ	< 0.10 U	7.37	18 J	1.7	1.7	< 0.50 U	< 0.50 U	2000 J
MW-82-112	MW-82-112-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.62	7.59	15 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	1600 J
MW-82-168	MW-82-168-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.77		37 J	0.57	< 0.50 U	< 0.50 U	< 0.50 U	4200 J
MW-82-198	MW-82-198-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	1.1		41 J	< 0.50 U	0.87	< 0.50 U	< 0.50 U	5200 J
MW-83-090	MW-83-090-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	4.5	7.57	9.2 J	3.5	1.9	< 0.50 U	< 0.50 U	230
MW-83-180	MW-83-180-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	0.6	7.66	30 J	0.65	0.66	< 0.50 U	< 0.50 U	2200
MW-83-225	MW-83-225-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	0.72	7.95	28 J	0.56	1.6	< 0.50 U	< 0.50 U	3400
MW-83-245	MW-83-245-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	< 0.10 U	8.12	87 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	4400
MW-84-057	MW-84-057-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	7.4	7.7	8 J	3.6	3.4	< 0.50 U	< 0.50 U	300 J
MW-84-095	MW-84-095-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	1.3	7.46	16 J	1.1	0.9	< 0.50 U	< 0.50 U	600 J
MW-84-132	MW-84-132-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	1.1	7.45	18 J	1.4	0.84	< 0.50 U	< 0.50 U	1500 J
MW-84-193	MW-84-193-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	0.84	7.83	28 J	1.1	0.95	< 0.50 U	< 0.50 U	2400 J
MW-85-129	MW-85-129-0821	N	LF		GW	8/20/2021	2.9	< 1.0 U	16		10 J	9.9	8.2	< 0.50 U	< 0.50 U	250 J
MW-85-217	MW-85-217-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	4.5		27 J	4.4	3.9	< 0.50 U	< 0.50 U	3000 J
MW-85-237	MW-85-237-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	3		34 J	2.6	3	< 0.50 U	< 0.50 U	3900 J
MW-86-030	MW-86-030-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U	7.44	4	0.74 J	1.1	< 0.50 U	< 0.50 U	220 J
MW-86-030	MW-909-Q321	FD		MW-86-030-0821	GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U		4.1	0.78 J	0.69	< 0.50 U	< 0.50 U	190 J
MW-86-066	MW-86-066-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U		12	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	1300 J
MW-86-120	MW-86-120-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	0.67		16	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	2600 J
MW-86-140	MW-86-140-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	0.15		23	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	2700 J
MW-87-109	MW-87-109-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	8.5	7.49	10 J	5	4.1	< 0.50 U	< 0.50 U	290
MW-87-139	MW-87-139-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	1.3	7.35	19 J	0.95	0.71	< 0.50 U	< 0.50 U	680
MW-87-192	MW-87-192-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	1	7.39	21 J	1.2	2.6	< 0.50 U	< 0.50 U	1500
MW-87-275	MW-87-275-0821	N	LF		GW	8/23/2021	< 1.0 U	< 1.0 U	0.76	7.47	19 J	0.82	0.72	< 0.50 U	< 0.50 U	1800
MW-88-107	MW-88-107-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	12	7.36	13 J	4.1 J	3.8	< 0.50 U	< 0.50 U	330 J
MW-88-107	MW-910-Q321	FD		MW-88-107-0821	GW	8/20/2021	< 1.0 U	< 1.0 U	12		14 J	5.4 J	4.4	< 0.50 U	< 0.50 U	270 J

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Thallium by Method SW 6020 (µg/L)	Thallium, dissolved by Method SW 6020 (µg/L)	Total dissolved solids by Method SM 2540 C (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)	Vanadium by Method SW 6020 (µg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
MW-10D	MW-10D-0821	N	LF		GW	8/24/2021	370	< 0.50 U	< 0.50 U	2200	< 1.0 U	15	14	< 10 U	< 10 U
MW-11D	MW-11D-0821	N	LF		GW	8/24/2021	360	< 0.50 U	< 0.50 U	4100	< 1.0 U	6.3	5.9	< 10 U	< 10 U
MW-70BR-287	MW-70BR-287-0821	N			GW	8/19/2021	800	< 0.50 U	< 0.50 U	11000	< 1.0 U	2.2	1.7	< 10 UJ	< 10 UJ
MW-75-033	MW-75-033-0821	N			GW	8/17/2021	240	< 0.50 U	< 0.50 U	3000	< 1.0 U	4.3	2.8	< 10 UJ	< 10 U
MW-75-117	MW-75-117-0821	N			GW	8/17/2021	540	< 0.50 U	< 0.50 U	7500	< 1.0 U	2	1.8	< 10 UJ	< 10 U
MW-75-202	MW-75-202-0821	N			GW	8/17/2021	1000	< 0.50 U	< 0.50 U	13000	< 1.0 U	1.4	1.4	< 10 UJ	< 10 U
MW-75-202	MW-906-Q321	FD		MW-75-202-0821	GW	8/17/2021	1100	< 0.50 U	< 0.50 U	12000	< 1.0 U	1.3	1.2	< 10 UJ	< 10 U
MW-75-267	MW-75-267-0821	N			GW	8/17/2021	1200	< 0.50 U	< 12 U	14000	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UJ	< 10 U
MW-75-337	MW-75-337-0821	N			GW	8/17/2021	1600	< 0.50 U	< 2.5 U	18000	< 1.0 U	1.5	< 1.0 U	< 10 UJ	< 10 U
MW-76-039	MW-76-039-0821	N	LF		GW	8/18/2021	770	< 0.50 U	< 0.50 U	11000	< 20 U	4.7	4.3	< 10 UJ	< 10 UJ
MW-76-156	MW-76-156-0821	N	LF		GW	8/18/2021	770	< 0.50 U	< 0.50 U	11000	< 1.0 U	4.7	4.6	< 10 UJ	< 10 UJ
MW-76-181	MW-76-181-0821	N	LF		GW	8/18/2021	870	< 0.50 U	< 0.50 U	14000	< 1.0 U	2.7	2	< 10 UJ	< 10 UJ
MW-76-218	MW-76-218-0821	N	LF		GW	8/18/2021	890	< 0.50 U	< 0.50 U	13000	< 1.0 U	2.8	3.2	< 10 UJ	< 10 UJ
MW-76-218	MW-907-Q321	FD		MW-76-218-0821	GW	8/18/2021	920	< 0.50 U	< 0.50 U	13000 J	< 1.0 U	3.2	2.9	< 10 UJ	< 10 UJ
MW-77-046	MW-77-046-0821	N	LF		GW	8/18/2021	510	< 0.50 U	< 0.50 U	3900	< 1.0 U	11	4.1	< 10 UJ	< 10 UJ
MW-77-102	MW-77-102-0821	N	LF		GW	8/18/2021	550	< 0.50 U	< 0.50 U	4700	< 1.0 U	6.1	5.6	< 10 UJ	< 10 UJ
MW-77-158	MW-77-158-0821	N	LF		GW	8/18/2021	1100	< 0.50 U	< 0.50 U	13000	< 1.0 U	4.4	3.4	< 10 UJ	< 10 UJ
MW-77-187	MW-77-187-0821	N	LF		GW	8/18/2021	920	< 0.50 U	< 2.5 U	12000	< 1.0 U	4.2	3.5	< 10 UJ	< 10 UJ
MW-78-070	MW-78-070-0821	N	LF		GW	8/19/2021	320	< 0.50 U	< 0.50 U	1400	< 1.0 U	7.5	6.1	< 10 UJ	< 10 UJ
MW-78-142	MW-78-142-0821	N	LF		GW	8/19/2021	870	< 0.50 U	< 0.50 U	7700	< 20 U	4	1.9	< 10 UJ	< 10 UJ
MW-79-058	MW-79-058-0821	N	LF		GW	8/19/2021	410	< 0.50 U	< 0.50 U	2000	< 1.0 U	4.3	3.7	< 10 UJ	< 10 UJ
MW-79-102	MW-79-102-0821	N	LF		GW	8/19/2021	860	< 0.50 U	< 0.50 U	4400	< 1.0 U	4.1	3.4	< 10 UJ	< 10 UJ
MW-80-057	MW-80-057-0821	N	LF		GW	8/19/2021	490	< 0.50 U	< 0.50 U	3200	< 1.0 U	5	4.3	< 10 UJ	< 10 UJ
MW-80-082	MW-80-082-0821	N	LF		GW	8/19/2021	530	< 0.50 U	< 0.50 U	4800	< 1.0 U	2.1	1.5	< 10 UJ	< 10 UJ
MW-81-043	MW-81-043-0821	N	LF		GW	8/17/2021	480	< 0.50 U	< 0.50 U	4400	< 1.0 U	13	10	< 10 UJ	< 10 U
MW-81-098	MW-81-098-0821	N	LF		GW	8/17/2021	580	< 0.50 U	< 0.50 U	5000	< 1.0 U	6.5	4.4	< 10 UJ	< 10 U
MW-81-098	MW-908-Q321	FD		MW-81-098-0821	GW	8/17/2021	570	< 0.50 U	< 0.50 U	5200	< 1.0 U	6.3	4.1	< 10 UJ	< 10 U
MW-82-046	MW-82-046-0821	N	LF		GW	8/17/2021	1500	< 0.50 U	< 0.50 U	7100	< 20 U	3.8	1.8	< 10 UJ	< 10 U
MW-82-112	MW-82-112-0821	N	LF		GW	8/17/2021	590	< 0.50 U	< 0.50 U	4900	< 1.0 U	7.7	6.6	< 10 UJ	< 10 U
MW-82-168	MW-82-168-0821	N	LF		GW	8/17/2021	990	< 0.50 U	< 0.50 U	13000	< 1.0 U	2.5	2	< 10 UJ	< 10 U
MW-82-198	MW-82-198-0821	N	LF		GW	8/17/2021	1000	< 0.50 U	< 0.50 U	12000	< 1.0 U	3.3	2.7	< 10 UJ	< 10 U
MW-83-090	MW-83-090-0821	N	LF		GW	8/23/2021	150	< 0.50 U	< 0.50 U	1600	< 1.0 U	3.7	3	< 10 U	< 10 U
MW-83-180	MW-83-180-0821	N	LF		GW	8/23/2021	490	< 0.50 U	< 0.50 U	7400	< 1.0 U	11	9.9	< 10 U	< 10 U
MW-83-225	MW-83-225-0821	N	LF		GW	8/23/2021	710	< 0.50 U	< 0.50 U	10000	< 1.0 U	8.9	6.6	< 10 U	12
MW-83-245	MW-83-245-0821	N	LF		GW	8/23/2021	630	< 0.50 U	< 0.50 U	12000	< 1.0 U	4.6	5.1	< 10 U	< 10 U
MW-84-057	MW-84-057-0821	N	LF		GW	8/20/2021	170	< 0.50 U	< 0.50 U	1200	< 1.0 U	8.7	8.6	< 10 U	< 10 U
MW-84-095	MW-84-095-0821	N	LF		GW	8/20/2021	230	0.61	0.59	3900	< 1.0 U	7.1	5.1	< 10 U	< 10 U
MW-84-132	MW-84-132-0821	N	LF		GW	8/20/2021	330	< 0.50 U	< 0.50 U	5600	< 1.0 U	8.1	8.2	< 10 U	< 10 U
MW-84-193	MW-84-193-0821	N	LF		GW	8/20/2021	530	< 0.50 U	< 0.50 U	7700	< 1.0 U	11	11	< 10 U	< 10 U
MW-85-129	MW-85-129-0821	N	LF		GW	8/20/2021	220	< 0.50 U	< 0.50 U	1200	< 5.0 U	8.3	7.5	< 10 U	< 10 U
MW-85-217	MW-85-217-0821	N	LF		GW	8/20/2021	830	< 0.50 U	< 0.50 U	7800	< 1.0 U	9.7	6.7	< 10 U	< 10 U
MW-85-237	MW-85-237-0821	N	LF		GW	8/20/2021	820	< 0.50 U	< 0.50 U	10000	< 1.0 U	6.5	5.3	< 10 U	< 10 U
MW-86-030	MW-86-030-0821	N	LF		GW	8/18/2021	240	< 0.50 U	< 0.50 U	870	1.9	1	< 1.0 U	< 10 UJ	< 10 UJ
MW-86-030	MW-909-Q321	FD		MW-86-030-0821	GW	8/18/2021	250	< 0.50 U	< 0.50 U	860	2.1	1.1	< 1.0 U	< 10 UJ	< 10 UJ
MW-86-066	MW-86-066-0821	N	LF		GW	8/18/2021	430	< 0.50 U	< 0.50 U	4600	< 1.0 U	1.6	1.6	< 10 UJ	< 10 UJ
MW-86-120	MW-86-120-0821	N	LF		GW	8/18/2021	1000	< 0.50 U	< 0.50 U	8200	< 1.0 U	2.5	1.7	< 10 UJ	< 10 UJ
MW-86-140	MW-86-140-0821	N	LF		GW	8/18/2021	840	< 0.50 U	< 0.50 U	8600	< 1.0 U	2.4	1.3	< 10 UJ	< 10 UJ
MW-87-109	MW-87-109-0821	N	LF		GW	8/23/2021	170	< 0.50 U	< 0.50 U	1600	< 1.0 U	3.8	3.5	< 10 U	< 10 U
MW-87-139	MW-87-139-0821	N	LF		GW	8/23/2021	360	< 0.50 U	< 0.50 U	5400	< 1.0 U	3.3	3.7	< 10 U	< 10 U
MW-87-192	MW-87-192-0821	N	LF		GW	8/23/2021	330	< 0.50 U	< 0.50 U	5700	< 1.0 U	7.3	8.2	< 10 U	< 10 U
MW-87-275	MW-87-275-0821	N	LF		GW	8/23/2021	460	< 0.50 U	< 0.50 U	7500	< 1.0 U	4.3	5.1	< 10 U	< 10 U
MW-88-107	MW-88-107-0821	N	LF		GW	8/20/2021	200	< 0.50 U	< 0.50 U	1300	< 1.0 U	14	14	< 10 U	< 10 U
MW-88-107	MW-910-Q321	FD		MW-88-107-0821	GW	8/20/2021	200	< 0.50 U	< 0.50 U	1300	< 1.0 U	14	13	< 10 U	< 10 U

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Aluminum by Method SW 6010B (µg/L)	Aluminum, dissolved by Method SW 6010B (µg/L)	Ammonia as nitrogen by Method A4500NH3G (mg/L)	Antimony by Method SW 6020 (µg/L)	Antimony, dissolved by Method SW 6020 (µg/L)	Arsenic by Method SW 6020 (µg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)
MW-89-183	MW-89-183-0821	N	LF		GW	8/25/2021	50	300	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	140	130
MW-89-273	MW-89-273-0821	N	LF		GW	8/25/2021	59	54	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.6	1.2	34	32
MW-90-031	MW-90-031-0821	N	LF		GW	8/18/2021	820	< 50 U	< 50 U	9.2	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 UJ	72	73
MW-91-045	MW-91-045-0821	N	LF		GW	8/24/2021	150	61	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	5.7	5.1	120	110
MW-91-120	MW-91-120-0821	N	LF		GW	8/24/2021	150	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	37	33
MW-91-170	MW-91-170-0821	N	LF		GW	8/24/2021	55	120	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	96	55
MW-91-320	MW-91-320-0821	N	LF		GW	8/24/2021	66	< 50 U	< 50 U	0.27	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	81	77
MW-92-037	MW-92-037-0821	N	LF		GW	8/24/2021	140	< 50 U	< 50 U	0.24	< 0.50 U	< 0.50 U	19	19	47	45
MW-92-072	MW-92-072-0821	N	LF		GW	8/24/2021	120	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	16	16	76	72
MW-92-102	MW-92-102-0821	N	LF		GW	8/24/2021	110	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	15	0.55 J	94	4.8 J
MW-92-102	MW-911-Q321	FD		MW-92-102-0821	GW	8/24/2021	130	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	15	14 J	91	85 J
MW-92-122	MW-92-122-0821	N	LF		GW	8/24/2021	110	< 50 U	< 50 U	0.2	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	110	100
MW-93-050	MW-93-050-0821	N	LF		GW	8/19/2021	100	170	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	63 J	58 J
MW-93-213	MW-93-213-0821	N	LF		GW	8/19/2021	60	61	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	62 J	55 J
MW-94-030	MW-94-030-0821	N	LF		GW	8/19/2021	95	120	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	4.1 J	4	61 J	56 J
MW-94-100	MW-94-100-0821	N	LF		GW	8/19/2021	85	990	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	11 J	9.7	130 J	84 J
MW-94-175	MW-94-175-0821	N	LF		GW	8/19/2021	110	350	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	10 J	9.9	100 J	92 J
MW-95-113	MW-95-113-0821	N	LF		GW	8/25/2021	92	370	< 50 U	< 0.20 U	0.59	< 0.50 U	1.3	0.97	51	44
MW-95-157	MW-95-157-0821	N	LF		GW	8/25/2021	69	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	82	75
MW-96-045	MW-96-045-0821	N	LF		GW	8/19/2021	240	380	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	57 J	47 J
MW-96-217	MW-96-217-0821	N	LF		GW	8/19/2021	50	< 50 U	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 UJ	< 0.10 U	49 J	47 J
MW-97-042	MW-97-042-0821	N	LF		GW	8/17/2021	110	160	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	2.6	1.6	70 J	61
MW-97-202	MW-97-202-0821	N	LF		GW	8/17/2021	97	< 50 U	< 50 U	0.31	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	140 J	120
MW-97-202	MW-912-Q321	FD		MW-97-202-0821	GW	8/17/2021	94	< 50 U	< 50 U	0.26	< 0.50 U	< 0.50 U	< 0.10 U	< 0.10 U	130 J	120
MW-98-055	MW-98-055-0821	N	LF		GW	8/20/2021	100	130	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.4	< 0.10 U	56	56
MW-98-077	MW-98-077-0821	N	LF		GW	8/20/2021	100	68	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	4.1	4.3	39	38

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- LF = low flow
- mg/L = milligrams per liter
- N = Normal
- SW = solid waste
- SM = standard method
- U = analyte not detected

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Beryllium by Method SW 6020 (µg/L)	Beryllium, dissolved by Method SW 6020 (µg/L)	Boron by Method SW 6010B (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	Bromide by Method EPA 300.0 (mg/L)	Cadmium by Method SW 6020 (µg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium by Method SW 6010B (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)
MW-89-183	MW-89-183-0821	N	LF		GW	8/25/2021	< 0.50 U	< 0.50 U	630	0.63	< 5.0 U	< 0.50 U	< 0.50 U	340000	310	2100
MW-89-273	MW-89-273-0821	N	LF		GW	8/25/2021	< 0.50 U	< 0.50 U	930	0.92	< 5.0 U	< 0.50 U	< 0.50 U	130000	120	2100
MW-90-031	MW-90-031-0821	N	LF		GW	8/18/2021	< 0.50 UJ	< 0.50 UJ	1600	1.7	< 5.0 UJ	< 0.50 U	< 0.50 U	290000 J	350 J	3300
MW-91-045	MW-91-045-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	480	0.44	< 5.0 U	< 0.50 U	< 0.50 U	39000	36	360
MW-91-120	MW-91-120-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	1000	0.94	< 5.0 U	< 0.50 U	< 0.50 U	200000	190	2600
MW-91-170	MW-91-170-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	1000	1	< 5.0 U	< 0.50 U	< 0.50 U	150000	150	3500
MW-91-320	MW-91-320-0821	N	LF		GW	8/24/2021	< 2.5 U	< 2.5 U	2700	2.5	< 5.0 U	< 0.50 U	< 0.50 U	450000	410	12000
MW-92-037	MW-92-037-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	510	0.51	< 5.0 U	< 0.50 U	< 0.50 U	9200	8.9	330
MW-92-072	MW-92-072-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	620	0.59	< 5.0 U	< 0.50 U	< 0.50 U	17000	16	580
MW-92-102	MW-92-102-0821	N	LF		GW	8/24/2021	< 0.50 U	< 0.50 U	800	0.77	< 5.0 U	< 0.50 U	< 0.50 U	17000	16	950
MW-92-102	MW-911-Q321	FD		MW-92-102-0821	GW	8/24/2021	< 0.50 U	< 0.50 U	810	0.77	< 5.0 U	< 0.50 U	< 0.50 U	17000	17	940
MW-92-122	MW-92-122-0821	N	LF		GW	8/24/2021	< 2.5 U	< 2.5 U	2300	2.4	< 5.0 U	< 0.50 U	< 0.50 U	72000	77	4700
MW-93-050	MW-93-050-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	480	0.5	< 5.0 U	< 0.50 U	< 0.50 U	150000 J	140 J	1300
MW-93-213	MW-93-213-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	810	0.84	< 5.0 U	< 0.50 U	< 0.50 U	320000 J	320 J	4600
MW-94-030	MW-94-030-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	570	0.6	< 2.5 U	< 0.50 U	< 0.50 U	43000 J	44 J	280
MW-94-100	MW-94-100-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	530	0.57	< 2.5 U	< 0.50 U	< 0.50 U	39000 J	41 J	350
MW-94-175	MW-94-175-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	470	0.49	< 5.0 U	< 0.50 U	< 0.50 U	22000 J	21 J	200
MW-95-113	MW-95-113-0821	N	LF		GW	8/25/2021	< 0.50 U	< 0.50 U	180	0.24	< 2.5 U	< 0.50 U	< 0.50 U	91000	80	280
MW-95-157	MW-95-157-0821	N	LF		GW	8/25/2021	< 0.50 U	< 0.50 U	470	0.49	< 5.0 U	< 0.50 U	< 0.50 U	280000	280	1600
MW-96-045	MW-96-045-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	1800	1.6	< 5.0 U	< 0.50 U	< 0.50 U	160000 J	140 J	2800
MW-96-217	MW-96-217-0821	N	LF		GW	8/19/2021	< 0.50 UJ	< 0.50 UJ	1700	0.93	< 5.0 U	< 0.50 U	< 0.50 U	530000 J	490 J	6200
MW-97-042	MW-97-042-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	690	0.57	< 2.5 U	< 0.50 U	< 0.50 U	120000 J	120	940
MW-97-202	MW-97-202-0821	N	LF		GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1300	0.96	< 5.0 U	< 0.50 U	< 0.50 U	570000 J	560	6100
MW-97-202	MW-912-Q321	FD		MW-97-202-0821	GW	8/17/2021	< 0.50 UJ	< 0.50 UJ	1300	0.87	< 5.0 U	< 0.50 U	< 0.50 U	580000 J	560	6100
MW-98-055	MW-98-055-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	560	0.54	< 2.5 U	< 0.50 U	< 0.50 U	95000	100	870
MW-98-077	MW-98-077-0821	N	LF		GW	8/20/2021	< 0.50 U	< 0.50 U	830	0.77	< 5.0 U	< 0.50 U	< 0.50 U	62000	63	1100

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- SW = solid waste
- SM = standard method
- U = analyte not detected

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total by Method SW 6020 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt by Method SW 6020 (µg/L)	Cobalt, dissolved by Method SW 6020 (µg/L)	Copper by Method SW 6020 (µg/L)	Copper, dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)
MW-89-183	MW-89-183-0821	N	LF		GW	8/25/2021	0.93	6.2	1.5	0.57	< 0.50 U	< 1.0 U	< 1.0 UJ	3.2	320 J	31 J
MW-89-273	MW-89-273-0821	N	LF		GW	8/25/2021	0.51	2.9	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	4.8	80 J	64 J
MW-90-031	MW-90-031-0821	N	LF		GW	8/18/2021	< 1.0 U	7.4 J	< 1.0 U	0.54	< 0.50 U	1.1 J	< 1.0 UJ	1.6	6700 J	7100 J
MW-91-045	MW-91-045-0821	N	LF		GW	8/24/2021	< 0.20 U	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	3.2	510 J	< 20 UJ
MW-91-120	MW-91-120-0821	N	LF		GW	8/24/2021	< 0.20 U	2.2	< 1.0 U	0.88	0.73	< 1.0 U	< 1.0 UJ	2.5	64 J	< 20 UJ
MW-91-170	MW-91-170-0821	N	LF		GW	8/24/2021	< 1.0 U	2.1	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	3.9	140 J	200 J
MW-91-320	MW-91-320-0821	N	LF		GW	8/24/2021	< 1.0 U	1.6	< 1.0 U	< 0.50 U	< 0.50 U	2.9	< 1.0 UJ	2.9	770 J	660 J
MW-92-037	MW-92-037-0821	N	LF		GW	8/24/2021	0.21	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	1.8 J	4.4	69 J	41 J
MW-92-072	MW-92-072-0821	N	LF		GW	8/24/2021	< 0.20 U	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	4.5	32 J	< 20 UJ
MW-92-102	MW-92-102-0821	N	LF		GW	8/24/2021	1	< 1.0 U	1.3	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	5.6	< 20 UJ	< 20 UJ
MW-92-102	MW-911-Q321	FD		MW-92-102-0821	GW	8/24/2021	1	< 1.0 U	1.1	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	5.4	43 J	< 20 UJ
MW-92-122	MW-92-122-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	6.6	160 J	160 J
MW-93-050	MW-93-050-0821	N	LF		GW	8/19/2021	12	15 J	13	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	2.8	180 J	46
MW-93-213	MW-93-213-0821	N	LF		GW	8/19/2021	< 1.0 U	4.6 J	1.5	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	3.6	130 J	25
MW-94-030	MW-94-030-0821	N	LF		GW	8/19/2021	20	21 J	20	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	4	150 J	< 20 U
MW-94-100	MW-94-100-0821	N	LF		GW	8/19/2021	9.1	24 J	9.8	0.83	< 0.50 U	< 1.0 UJ	< 1.0 U	3.4	1400 J	< 20 U
MW-94-175	MW-94-175-0821	N	LF		GW	8/19/2021	15	24 J	15	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	4.1	360 J	< 20 U
MW-95-113	MW-95-113-0821	N	LF		GW	8/25/2021	2.1	4.7	2.3	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	< 0.50 U	820 J	31 J
MW-95-157	MW-95-157-0821	N	LF		GW	8/25/2021	8.7	13	9.9	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 UJ	< 1.0 U	79 J	56 J
MW-96-045	MW-96-045-0821	N	LF		GW	8/19/2021	< 0.20 U	6.7 J	< 1.0 U	0.51	< 0.50 U	< 1.0 UJ	< 1.0 U	6.6	520 J	44
MW-96-217	MW-96-217-0821	N	LF		GW	8/19/2021	< 1.0 U	18 J	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U	3.5	78 J	< 20 U
MW-97-042	MW-97-042-0821	N	LF		GW	8/17/2021	3.3	5.8	3.4	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2.1	170 J	45
MW-97-202	MW-97-202-0821	N	LF		GW	8/17/2021	< 1.0 U	8.1	3	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2.9	470 J	520
MW-97-202	MW-912-Q321	FD		MW-97-202-0821	GW	8/17/2021	< 1.0 U	8	3	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	3	470 J	460
MW-98-055	MW-98-055-0821	N	LF		GW	8/20/2021	84	110 J	93	0.71	< 0.50 U	< 1.0 U	< 1.0 U	1.4	270 J	29 J
MW-98-077	MW-98-077-0821	N	LF		GW	8/20/2021	340	400 J	390	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2.6	85 J	30 J

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SM = standard method

U = analyte not detected

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Lead by Method SW 6020 (µg/L)	Lead, dissolved by Method SW 6020 (µg/L)	Magnesium by Method SW 6010B (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Mercury by Method EPA 7470A (µg/L)	Mercury, dissolved by Method EPA 7470A (µg/L)	Molybdenum by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)
MW-89-183	MW-89-183-0821	N	LF		GW	8/25/2021	< 1.0 U	< 1.0 U	51000	48	37	< 0.50 UJ	< 0.20 U	< 0.20 U	9	8.3
MW-89-273	MW-89-273-0821	N	LF		GW	8/25/2021	< 1.0 U	< 1.0 U	6500	6.1	2.2	< 0.50 UJ	< 0.20 U	< 0.20 U	34	33
MW-90-031	MW-90-031-0821	N	LF		GW	8/18/2021	< 1.0 U	< 1.0 U	170000 J	190 J	290	270	< 0.20 U	< 0.20 U	16	13
MW-91-045	MW-91-045-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	12000	13	110	89 J	0.23	< 0.20 U	9.8	9.4
MW-91-120	MW-91-120-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	63000	67	1100	1000 J	< 0.20 U	< 0.20 U	26	25
MW-91-170	MW-91-170-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	4800	5.1	280	270 J	< 0.20 U	< 0.20 U	96	94
MW-91-320	MW-91-320-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	12000	13	1500	1500 J	< 0.20 U	< 0.20 U	62	60
MW-92-037	MW-92-037-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	1200	1.3	22	22 J	< 0.20 U	< 0.20 U	17	16
MW-92-072	MW-92-072-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	1400	1.4	15	14 J	< 0.20 U	< 0.20 U	24	23
MW-92-102	MW-92-102-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	1100	1.1	5	< 0.50 UJ	< 0.20 U	< 0.20 U	46	1.5 J
MW-92-102	MW-911-Q321	FD		MW-92-102-0821	GW	8/24/2021	< 1.0 U	< 1.0 U	1100	1.2	5.1	5 J	< 0.20 U	< 0.20 U	47	45 J
MW-92-122	MW-92-122-0821	N	LF		GW	8/24/2021	< 1.0 U	< 1.0 U	3200	3.5	210	190 J	< 0.20 U	< 0.20 U	230	210
MW-93-050	MW-93-050-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	39000 J	35 J	14	1.5	< 0.20 U	< 0.20 U	23	22
MW-93-213	MW-93-213-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	58000 J	55 J	290	250	< 0.20 U	< 0.20 U	68	66
MW-94-030	MW-94-030-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	9800 J	10 J	20	1.3	< 0.20 U	< 0.20 U	16	16
MW-94-100	MW-94-100-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	6100 J	6 J	35	< 0.50 U	< 0.20 U	< 0.20 U	22	23
MW-94-175	MW-94-175-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	1700 J	1.7 J	6.5	0.61	0.28	< 0.20 U	13	12
MW-95-113	MW-95-113-0821	N	LF		GW	8/25/2021	< 1.0 U	< 1.0 U	23000	21	85	18 J	< 0.20 U	< 0.20 U	4.1	4
MW-95-157	MW-95-157-0821	N	LF		GW	8/25/2021	< 1.0 U	< 1.0 U	60000	57	15	2 J	< 0.20 U	< 0.20 U	4.3	4.1
MW-96-045	MW-96-045-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	73000 J	58 J	200	94	< 0.20 U	< 0.20 U	94	93
MW-96-217	MW-96-217-0821	N	LF		GW	8/19/2021	< 1.0 U	< 1.0 U	37000 J	49 J	500	510	< 0.20 U	< 0.20 U	59	59
MW-97-042	MW-97-042-0821	N	LF		GW	8/17/2021	< 1.0 U	< 1.0 U	19000 J	21 J	140	110	< 0.20 U	< 0.20 UJ	18	16
MW-97-202	MW-97-202-0821	N	LF		GW	8/17/2021	< 1.0 U	< 5.0 U	70000 J	65 J	1900	1700	< 0.20 U	< 0.20 UJ	36	30
MW-97-202	MW-912-Q321	FD		MW-97-202-0821	GW	8/17/2021	< 1.0 U	< 1.0 U	63000 J	63 J	1800	1700	< 0.20 U	< 0.20 UJ	36	29
MW-98-055	MW-98-055-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	19000	19 J	40	31	< 0.20 U	< 0.20 U	18	18
MW-98-077	MW-98-077-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	4000	3.9 J	7.8	2	< 0.20 U	< 0.20 U	28	28

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U = analyte not detected

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nickel by Method SW 6020 (µg/L)	Nickel, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	pH by Method FIELD DATA (PHUNITS)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium by Method SW 6020 (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)
MW-89-183	MW-89-183-0821	N	LF		GW	8/25/2021	< 1.0 UJ	< 1.0 UJ	2.7 J	7.39	21 J	2.6	2.8	< 0.50 U	< 0.50 U	1300
MW-89-273	MW-89-273-0821	N	LF		GW	8/25/2021	< 1.0 UJ	< 1.0 UJ	2.8 J	7.78	26 J	3.6	3.7	< 0.50 U	< 0.50 U	1600
MW-90-031	MW-90-031-0821	N	LF		GW	8/18/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U	7.17	16	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	2900 J
MW-91-045	MW-91-045-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	0.19	7.57	5.5 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	310
MW-91-120	MW-91-120-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	0.83	7.44	18 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	2100
MW-91-170	MW-91-170-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	0.2		24 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	2900
MW-91-320	MW-91-320-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U		89 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	7900
MW-92-037	MW-92-037-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U	8.33	5 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	330
MW-92-072	MW-92-072-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	0.26	8.26	14 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	540
MW-92-102	MW-92-102-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	0.84	8.36	11 J	0.65	< 0.50 U	< 0.50 U	< 0.50 U	560
MW-92-102	MW-911-Q321	FD		MW-92-102-0821	GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	0.86		13 J	0.62	0.77	< 0.50 U	< 0.50 U	700
MW-92-122	MW-92-122-0821	N	LF		GW	8/24/2021	< 1.0 UJ	< 1.0 UJ	< 0.10 U	7.89	46 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	4400
MW-93-050	MW-93-050-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	2.6		9.5	1.8	1.5	< 0.50 U	< 0.50 U	580 J
MW-93-213	MW-93-213-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	1.5		18	1.1	0.99	< 0.50 U	< 0.50 U	3300 J
MW-94-030	MW-94-030-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	3.5	7.81	5.6	3.4	3.5	< 0.50 U	< 0.50 U	230 J
MW-94-100	MW-94-100-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	2	7.87	6.4	0.58	0.59	< 0.50 U	< 0.50 U	270 J
MW-94-175	MW-94-175-0821	N	LF		GW	8/19/2021	2.1 J	< 1.0 UJ	2.5	7.91	4.9	0.51	0.51	< 0.50 U	< 0.50 U	190 J
MW-95-113	MW-95-113-0821	N	LF		GW	8/25/2021	< 1.0 UJ	< 1.0 UJ	6.2 J	7.41	12 J	5.2	4.7	< 0.50 U	< 0.50 U	160
MW-95-157	MW-95-157-0821	N	LF		GW	8/25/2021	< 1.0 UJ	< 1.0 UJ	9.3 J	7.26	27 J	7	7	< 0.50 U	< 0.50 U	910
MW-96-045	MW-96-045-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	0.71		7.7	1.1	1.1	< 0.50 U	< 0.50 U	2600 J
MW-96-217	MW-96-217-0821	N	LF		GW	8/19/2021	< 1.0 UJ	< 1.0 UJ	0.86		22	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	3800 J
MW-97-042	MW-97-042-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.47	7.55	8.9 J	1	< 0.50 U	< 0.50 U	< 0.50 U	610 J
MW-97-202	MW-97-202-0821	N	LF		GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.21	7.52	31 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	3900 J
MW-97-202	MW-912-Q321	FD		MW-97-202-0821	GW	8/17/2021	< 1.0 UJ	< 1.0 UJ	0.18		26 J	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	3900 J
MW-98-055	MW-98-055-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	6	7.63	13 J	5.8	5.7	< 0.50 U	< 0.50 U	560 J
MW-98-077	MW-98-077-0821	N	LF		GW	8/20/2021	< 1.0 U	< 1.0 U	7.9	7.82	9.3 J	20	18	< 0.50 U	< 0.50 U	870 J

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- mg/L = milligrams per liter
- N = Normal
- SW = solid waste
- SM = standard method
- U = analyte not detected

TMP 2021-08 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Thallium by Method SW 6020 (µg/L)	Thallium, dissolved by Method SW 6020 (µg/L)	Total dissolved solids by Method SM 2540 C (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)	Vanadium by Method SW 6020 (µg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
MW-89-183	MW-89-183-0821	N	LF		GW	8/25/2021	490	< 0.50 U	< 0.50 U	5000	< 1.0 U	4.9	4.3	< 10 U	< 10 U
MW-89-273	MW-89-273-0821	N	LF		GW	8/25/2021	460	< 0.50 U	< 0.50 U	4300	< 1.0 U	17	17	< 10 U	< 10 U
MW-90-031	MW-90-031-0821	N	LF		GW	8/18/2021	1500	< 0.50 U	< 0.50 U	8200	2.5	3.5	2.8	< 10 UJ	< 10 UJ
MW-91-045	MW-91-045-0821	N	LF		GW	8/24/2021	100	< 0.50 U	< 0.50 U	910	< 1.0 U	2.2	2.1	< 10 U	< 10 U
MW-91-120	MW-91-120-0821	N	LF		GW	8/24/2021	850	< 0.50 U	< 0.50 U	6500	< 1.0 U	2	1.7	< 10 U	< 10 U
MW-91-170	MW-91-170-0821	N	LF		GW	8/24/2021	590	< 0.50 U	< 0.50 U	7500	< 1.0 U	1.5	1.1	< 10 U	< 10 U
MW-91-320	MW-91-320-0821	N	LF		GW	8/24/2021	1800	< 0.50 U	< 0.50 U	19000	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-92-037	MW-92-037-0821	N	LF		GW	8/24/2021	80	< 0.50 U	< 0.50 U	810	< 5.0 U	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-92-072	MW-92-072-0821	N	LF		GW	8/24/2021	100	< 0.50 U	< 0.50 U	1200	< 1.0 U	7.4	7.2	< 10 U	< 10 U
MW-92-102	MW-92-102-0821	N	LF		GW	8/24/2021	130	< 0.50 U	< 0.50 U	1900	< 1.0 U	13	1 J	< 10 U	< 10 U
MW-92-102	MW-911-Q321	FD		MW-92-102-0821	GW	8/24/2021	130	< 0.50 U	< 0.50 U	1900	< 1.0 U	13	12 J	< 10 U	< 10 U
MW-92-122	MW-92-122-0821	N	LF		GW	8/24/2021	410	< 0.50 U	< 0.50 U	8500	< 1.0 U	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-93-050	MW-93-050-0821	N	LF		GW	8/19/2021	220	< 0.50 U	< 0.50 U	2900	< 1.0 U	3.8	2.8	< 10 UJ	< 10 UJ
MW-93-213	MW-93-213-0821	N	LF		GW	8/19/2021	790	< 0.50 U	< 0.50 U	9200	< 1.0 U	1.3	< 1.0 U	< 10 UJ	< 10 UJ
MW-94-030	MW-94-030-0821	N	LF		GW	8/19/2021	130	< 0.50 U	< 0.50 U	780	< 1.0 U	17	14	< 10 UJ	< 10 UJ
MW-94-100	MW-94-100-0821	N	LF		GW	8/19/2021	90	< 0.50 U	< 0.50 U	830	< 1.0 U	20	15	< 10 UJ	< 10 UJ
MW-94-175	MW-94-175-0821	N	LF		GW	8/19/2021	56	< 0.50 U	< 0.50 U	550	< 5.0 U	18	15	< 10 UJ	< 10 UJ
MW-95-113	MW-95-113-0821	N	LF		GW	8/25/2021	140	< 0.50 U	< 0.50 U	910	< 1.0 U	13	11	< 10 U	< 10 U
MW-95-157	MW-95-157-0821	N	LF		GW	8/25/2021	300	< 0.50 U	< 0.50 U	4000	< 1.0 U	8.1	7.4	< 10 U	< 10 U
MW-96-045	MW-96-045-0821	N	LF		GW	8/19/2021	1100	< 0.50 U	< 0.50 U	6700	< 1.0 U	12	9.9	< 10 UJ	< 10 UJ
MW-96-217	MW-96-217-0821	N	LF		GW	8/19/2021	1200	< 0.50 U	< 0.50 U	13000	< 1.0 U	1.9	1.4	< 10 UJ	< 10 UJ
MW-97-042	MW-97-042-0821	N	LF		GW	8/17/2021	210	< 0.50 U	< 0.50 U	2100	< 1.0 U	2.4	1.4	< 10 UJ	< 10 U
MW-97-202	MW-97-202-0821	N	LF		GW	8/17/2021	970	< 0.50 U	< 2.5 U	13000	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UJ	< 10 U
MW-97-202	MW-912-Q321	FD		MW-97-202-0821	GW	8/17/2021	980	< 0.50 U	< 0.50 U	14000	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UJ	< 10 U
MW-98-055	MW-98-055-0821	N	LF		GW	8/20/2021	470	< 0.50 U	< 0.50 U	2200	< 1.0 U	5.2	4.7	< 10 U	< 10 U
MW-98-077	MW-98-077-0821	N	LF		GW	8/20/2021	470	< 0.50 U	< 0.50 U	2600	< 1.0 U	8.3	8	< 10 U	< 10 U

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TW-01 Extended Aquifer Test-M2W6

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)
TW-01	TW-01-M2W6-0821	N	EP	GW	8/3/2021	< 0.10 U	240	1600	< 0.015 U	< 0.0020 U	25	< 0.50 U	30
TW-01	TW-01-M2W6-0821-CS	N		Charcoal	8/9/2021				< 0.015 U	< 0.0020 U			

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 N = Normal
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TW-01 Extended Aquifer Test-M2W6

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Sulfate by Method EPA 300.0 (mg/L)
TW-01	TW-01-M2W6-0821	N	EP	GW	8/3/2021	13	18	< 0.015 U	12	1100	520
TW-01	TW-01-M2W6-0821-CS	N		Charcoal	8/9/2021			< 0.015 U			

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 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W7

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Aluminum, dissolved by Method SW 6010B (µg/L)	Ammonia as nitrogen by Method A4500NH3G (mg/L)	Antimony, dissolved by Method SW 6020 (µg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Beryllium, dissolved by Method SW 6020 (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
MW-24A	MW-24A-M2W7-0821	N	LF		GW	8/11/2021											
MW-24B	MW-24B-M2W7-0821	N	LF		GW	8/11/2021											
MW-34-055	MW-34-055-M2W7-0821	N	LF		GW	8/10/2021											< 0.20 U
MW-34-080	MW-34-080-M2W7-0821	N	LF		GW	8/10/2021											< 0.20 U
MW-34-100	MW-34-100-M2W7-0821	N	LF		GW	8/10/2021											< 0.20 U
MW-36-020	MW-36-020-M2W7-0821	N	LF		GW	8/9/2021											< 0.20 U
MW-36-040	MW-36-040-M2W7-0821	N	LF		GW	8/9/2021											< 0.20 U
MW-36-050	MW-36-050-M2W7-0821	N			GW	8/9/2021											< 0.20 U
MW-36-070	MW-36-070-M2W7-0821	N	LF		GW	8/9/2021											< 0.20 U
MW-36-090	MW-36-090-M2W7-0821	N	LF		GW	8/9/2021											< 0.20 U
MW-36-100	MW-36-100-M2W7-0821	N	LF		GW	8/9/2021											< 0.20 U
MW-38D	MW-38D-M2W7-0821	N	LF		GW	8/11/2021											
MW-38S	MW-38S-M2W7-0821	N	LF		GW	8/11/2021											
MW-44-070	MW-44-070-M2W7-0821	N	LF		GW	8/10/2021											< 0.20 U
MW-44-070	MW-917-M2W7-Q321	FD		MW-44-070-M2W7-0821	GW	8/10/2021											< 0.20 U
MW-44-115	MW-44-115-M2W7-0821	N	LF		GW	8/10/2021											0.99
MW-44-125	MW-44-125-M2W7-0821	N	LF		GW	8/10/2021											< 0.20 U
MW-46-175	MW-46-175-M2W7-0821	N	LF		GW	8/10/2021											5.3
MW-67-185	MW-67-185-M2W7-0821	N	LF		GW	8/17/2021											
MW-67-225	MW-67-225-M2W7-0821	N	LF		GW	8/17/2021											
MW-68-180	MW-68-180-M2-0821	N			GW	8/16/2021											47000
PT7D	PT7D-M2W7-0821	N	LF		GW	8/11/2021											
PT7M	PT7M-M2W7-0821	N	LF		GW	8/11/2021											
PT7S	PT7S-M2W7-0821	N	LF		GW	8/11/2021											
PT8D	PT8D-M2W7-0821	N	LF		GW	8/16/2021											
PT8D	MW-915-M2W7-Q321	FD		PT8D-M2W7-0821	GW	8/16/2021											
PT8M	PT8M-M2W7-0821	N	LF		GW	8/16/2021											
PT8S	PT8S-M2W7-0821	N	LF		GW	8/16/2021											
PT9D	PT9D-M2W7-0821	N	LF		GW	8/16/2021											
PT9M	PT9M-M2W7-0821	N	LF		GW	8/16/2021											
PT9S	PT9S-M2W7-0821	N	LF		GW	8/16/2021											
TW-01	TW-01-M2W7-0821	N	EP		GW	8/16/2021	< 50 U	< 0.20 U	< 0.50 U	< 0.10 U	35	< 0.50 UJ	1.3	< 0.50 U	230	1700	1400
TW-01	MW-918-M2W7-Q321	FD		TW-01-M2W7-0821	GW	8/16/2021	< 50 U	< 0.20 U	< 0.50 U	< 0.10 U	34	< 0.50 UJ	1.3	< 0.50 U	220	1700	1400
TW-01	TW-01-M2W7-0821-CS	N			Charcoal	8/16/2021											

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N = Normal

SW = solid waste

U = analyte not detected

TW-01 Extended Aquifer Test-M2W7

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt, dissolved by Method SW 6020 (µg/L)	Copper, dissolved by Method SW 6020 (µg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Lead, dissolved by Method SW 6020 (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Mercury, dissolved by Method EPA 7470A (µg/L)
MW-24A	MW-24A-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	6.8						
MW-24B	MW-24B-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	0.216						
MW-34-055	MW-34-055-M2W7-0821	N	LF		GW	8/10/2021											
MW-34-080	MW-34-080-M2W7-0821	N	LF		GW	8/10/2021											
MW-34-100	MW-34-100-M2W7-0821	N	LF		GW	8/10/2021											
MW-36-020	MW-36-020-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-040	MW-36-040-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-050	MW-36-050-M2W7-0821	N			GW	8/9/2021											
MW-36-070	MW-36-070-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-090	MW-36-090-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-100	MW-36-100-M2W7-0821	N	LF		GW	8/9/2021											
MW-38D	MW-38D-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	16900						
MW-38S	MW-38S-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	< 0.0020 U						
MW-44-070	MW-44-070-M2W7-0821	N	LF		GW	8/10/2021											
MW-44-070	MW-917-M2W7-Q321	FD		MW-44-070-M2W7-0821	GW	8/10/2021											
MW-44-115	MW-44-115-M2W7-0821	N	LF		GW	8/10/2021											
MW-44-125	MW-44-125-M2W7-0821	N	LF		GW	8/10/2021											
MW-46-175	MW-46-175-M2W7-0821	N	LF		GW	8/10/2021											
MW-67-185	MW-67-185-M2W7-0821	N	LF		GW	8/17/2021				< 0.015 U	< 0.0020 U						
MW-67-225	MW-67-225-M2W7-0821	N	LF		GW	8/17/2021				< 0.015 U	< 0.0020 U						
MW-68-180	MW-68-180-M2-0821	N			GW	8/16/2021											
PT7D	PT7D-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	114						
PT7M	PT7M-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	91.5						
PT7S	PT7S-M2W7-0821	N	LF		GW	8/11/2021				< 0.015 U	0.377						
PT8D	PT8D-M2W7-0821	N	LF		GW	8/16/2021				< 0.015 U	0.369						
PT8D	MW-915-M2W7-Q321	FD		PT8D-M2W7-0821	GW	8/16/2021				< 0.015 U	0.371						
PT8M	PT8M-M2W7-0821	N	LF		GW	8/16/2021				< 0.015 U	25.1						
PT8S	PT8S-M2W7-0821	N	LF		GW	8/16/2021				< 0.015 U	0.045						
PT9D	PT9D-M2W7-0821	N	LF		GW	8/16/2021				0.151	0.076						
PT9M	PT9M-M2W7-0821	N	LF		GW	8/16/2021				< 0.015 U	84.1						
PT9S	PT9S-M2W7-0821	N	LF		GW	8/16/2021				< 0.015 U	< 0.0020 U						
TW-01	TW-01-M2W7-0821	N	EP		GW	8/16/2021	1400	< 0.50 U	< 1.0 U	< 0.015 U	< 0.0020 U	3.4	< 20 U	< 1.0 U	24 J	< 0.50 U	< 0.20 UJ
TW-01	MW-918-M2W7-Q321	FD		TW-01-M2W7-0821	GW	8/16/2021	1500	< 0.50 U	< 1.0 U	< 0.015 U	< 0.0020 U	3.2	< 20 U	< 1.0 U	24 J	< 0.50 U	< 0.20 UJ
TW-01	TW-01-M2W7-0821-CS	N			Charcoal	8/16/2021				< 0.015 U	< 0.0020 U						

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EP = extraction port

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

U = analyte not detected

TW-01 Extended Aquifer Test-M2W7

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nickel, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Oil and Grease by Method 1664B (mg/L)	pH by Method SM 4500-H+ B (PHUNITS)	Potassium, dissolved by Method SW 6010B (mg/L)	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Specific conductance by Method EPA 120.1 (µS/cm)
MW-24A	MW-24A-M2W7-0821	N	LF		GW	8/11/2021							49.5				
MW-24B	MW-24B-M2W7-0821	N	LF		GW	8/11/2021							< 0.015 U				
MW-34-055	MW-34-055-M2W7-0821	N	LF		GW	8/10/2021											
MW-34-080	MW-34-080-M2W7-0821	N	LF		GW	8/10/2021											
MW-34-100	MW-34-100-M2W7-0821	N	LF		GW	8/10/2021											
MW-36-020	MW-36-020-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-040	MW-36-040-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-050	MW-36-050-M2W7-0821	N			GW	8/9/2021											
MW-36-070	MW-36-070-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-090	MW-36-090-M2W7-0821	N	LF		GW	8/9/2021											
MW-36-100	MW-36-100-M2W7-0821	N	LF		GW	8/9/2021											
MW-38D	MW-38D-M2W7-0821	N	LF		GW	8/11/2021							< 0.015 U				
MW-38S	MW-38S-M2W7-0821	N	LF		GW	8/11/2021							< 0.015 U				
MW-44-070	MW-44-070-M2W7-0821	N	LF		GW	8/10/2021											
MW-44-070	MW-917-M2W7-Q321	FD		MW-44-070-M2W7-0821	GW	8/10/2021											
MW-44-115	MW-44-115-M2W7-0821	N	LF		GW	8/10/2021											
MW-44-125	MW-44-125-M2W7-0821	N	LF		GW	8/10/2021											
MW-46-175	MW-46-175-M2W7-0821	N	LF		GW	8/10/2021											
MW-67-185	MW-67-185-M2W7-0821	N	LF		GW	8/17/2021							239000				
MW-67-225	MW-67-225-M2W7-0821	N	LF		GW	8/17/2021							< 0.015 U				
MW-68-180	MW-68-180-M2-0821	N			GW	8/16/2021											
PT7D	PT7D-M2W7-0821	N	LF		GW	8/11/2021							< 0.015 U				
PT7M	PT7M-M2W7-0821	N	LF		GW	8/11/2021							< 0.015 U				
PT7S	PT7S-M2W7-0821	N	LF		GW	8/11/2021							< 0.015 U				
PT8D	PT8D-M2W7-0821	N	LF		GW	8/16/2021							< 0.015 U				
PT8D	MW-915-M2W7-Q321	FD		PT8D-M2W7-0821	GW	8/16/2021							< 0.015 U				
PT8M	PT8M-M2W7-0821	N	LF		GW	8/16/2021							< 0.015 U				
PT8S	PT8S-M2W7-0821	N	LF		GW	8/16/2021							< 0.015 U				
PT9D	PT9D-M2W7-0821	N	LF		GW	8/16/2021							< 0.015 U				
PT9M	PT9M-M2W7-0821	N	LF		GW	8/16/2021							< 0.015 U				
PT9S	PT9S-M2W7-0821	N	LF		GW	8/16/2021							< 0.015 U				
TW-01	TW-01-M2W7-0821	N	EP		GW	8/16/2021	30	< 5.0 UJ	12	< 4.0 UJ	7.3	17	< 0.015 U	12	< 0.50 U	1100	6700
TW-01	MW-918-M2W7-Q321	FD		TW-01-M2W7-0821	GW	8/16/2021	29	< 1.0 UJ	13	< 4.0 UJ	7.3	24	< 0.015 U	12	< 0.50 U	1300	6600
TW-01	TW-01-M2W7-0821-CS	N			Charcoal	8/16/2021							< 0.015 U				

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EP = extraction port

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

U = analyte not detected

TW-01 Extended Aquifer Test-M2W7

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Thallium, dissolved by Method SW 6020 (µg/L)	Total dissolved solids by Method SM 2540 C (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)	Total Suspended Solids (TSS) by Method SM 2540 D (mg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
MW-24A	MW-24A-M2W7-0821	N	LF		GW	8/11/2021							
MW-24B	MW-24B-M2W7-0821	N	LF		GW	8/11/2021							
MW-34-055	MW-34-055-M2W7-0821	N	LF		GW	8/10/2021							
MW-34-080	MW-34-080-M2W7-0821	N	LF		GW	8/10/2021							
MW-34-100	MW-34-100-M2W7-0821	N	LF		GW	8/10/2021							
MW-36-020	MW-36-020-M2W7-0821	N	LF		GW	8/9/2021							
MW-36-040	MW-36-040-M2W7-0821	N	LF		GW	8/9/2021							
MW-36-050	MW-36-050-M2W7-0821	N			GW	8/9/2021							
MW-36-070	MW-36-070-M2W7-0821	N	LF		GW	8/9/2021							
MW-36-090	MW-36-090-M2W7-0821	N	LF		GW	8/9/2021							
MW-36-100	MW-36-100-M2W7-0821	N	LF		GW	8/9/2021							
MW-38D	MW-38D-M2W7-0821	N	LF		GW	8/11/2021							
MW-38S	MW-38S-M2W7-0821	N	LF		GW	8/11/2021							
MW-44-070	MW-44-070-M2W7-0821	N	LF		GW	8/10/2021							
MW-44-070	MW-917-M2W7-Q321	FD		MW-44-070-M2W7-0821	GW	8/10/2021							
MW-44-115	MW-44-115-M2W7-0821	N	LF		GW	8/10/2021							
MW-44-125	MW-44-125-M2W7-0821	N	LF		GW	8/10/2021							
MW-46-175	MW-46-175-M2W7-0821	N	LF		GW	8/10/2021							
MW-67-185	MW-67-185-M2W7-0821	N	LF		GW	8/17/2021							
MW-67-225	MW-67-225-M2W7-0821	N	LF		GW	8/17/2021							
MW-68-180	MW-68-180-M2-0821	N			GW	8/16/2021							
PT7D	PT7D-M2W7-0821	N	LF		GW	8/11/2021							
PT7M	PT7M-M2W7-0821	N	LF		GW	8/11/2021							
PT7S	PT7S-M2W7-0821	N	LF		GW	8/11/2021							
PT8D	PT8D-M2W7-0821	N	LF		GW	8/16/2021							
PT8D	MW-915-M2W7-Q321	FD		PT8D-M2W7-0821	GW	8/16/2021							
PT8M	PT8M-M2W7-0821	N	LF		GW	8/16/2021							
PT8S	PT8S-M2W7-0821	N	LF		GW	8/16/2021							
PT9D	PT9D-M2W7-0821	N	LF		GW	8/16/2021							
PT9M	PT9M-M2W7-0821	N	LF		GW	8/16/2021							
PT9S	PT9S-M2W7-0821	N	LF		GW	8/16/2021							
TW-01	TW-01-M2W7-0821	N	EP		GW	8/16/2021	530	< 0.50 U	4000	< 5.0 U	< 5.0 U	10	< 10 U
TW-01	MW-918-M2W7-Q321	FD		TW-01-M2W7-0821	GW	8/16/2021	530	< 0.50 U	3900	< 1.0 U	< 5.0 U	10	< 10 U
TW-01	TW-01-M2W7-0821-CS	N			Charcoal	8/16/2021							

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EP = extraction port

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

U = analyte not detected

TW-01 Extended Aquifer Test-M2W9

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)
MW-34-055	MW-34-055-M2W9-0821	N	LF		GW	8/26/2021			
MW-34-080	MW-34-080-M2W9-0821	N	LF		GW	8/26/2021			
MW-34-100	MW-34-100-M2W9-0821	N	LF		GW	8/26/2021			
MW-36-020	MW-36-020-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-040	MW-36-040-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-050	MW-36-050-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-050	MW-929-Q321	FD		MW-36-050-M2W9-0821	GW	8/25/2021			
MW-36-070	MW-36-070-M2W9-0821	N			GW	8/25/2021			
MW-36-090	MW-36-090-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-100	MW-36-100-M2W9-0821	N	LF		GW	8/25/2021			
MW-44-070	MW-44-070-M2W9-0821	N	LF		GW	8/26/2021			
MW-44-115	MW-44-115-M2W9-0821	N	LF		GW	8/26/2021			
MW-44-125	MW-44-125-M2W9-0821	N	LF		GW	8/26/2021			
MW-46-175	MW-46-175-M2W9-0821	N	LF		GW	8/26/2021			
TW-01	TW-01-M2W9-0821	N	EP		GW	8/25/2021	< 0.10 UJ	250	1700

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W9

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M2W9-0821	N	LF		GW	8/26/2021	< 0.20 U		
MW-34-080	MW-34-080-M2W9-0821	N	LF		GW	8/26/2021	< 0.20 U		
MW-34-100	MW-34-100-M2W9-0821	N	LF		GW	8/26/2021	< 0.20 U		
MW-36-020	MW-36-020-M2W9-0821	N	LF		GW	8/25/2021	< 0.20 U		
MW-36-040	MW-36-040-M2W9-0821	N	LF		GW	8/25/2021	< 0.20 U		
MW-36-050	MW-36-050-M2W9-0821	N	LF		GW	8/25/2021	< 0.20 U		
MW-36-050	MW-929-Q321	FD		MW-36-050-M2W9-0821	GW	8/25/2021	< 0.20 U		
MW-36-070	MW-36-070-M2W9-0821	N			GW	8/25/2021	< 0.20 U		
MW-36-090	MW-36-090-M2W9-0821	N	LF		GW	8/25/2021	< 0.20 U		
MW-36-100	MW-36-100-M2W9-0821	N	LF		GW	8/25/2021	8.7		
MW-44-070	MW-44-070-M2W9-0821	N	LF		GW	8/26/2021	< 0.20 U		
MW-44-115	MW-44-115-M2W9-0821	N	LF		GW	8/26/2021	< 1.0 U		
MW-44-125	MW-44-125-M2W9-0821	N	LF		GW	8/26/2021	< 0.20 U		
MW-46-175	MW-46-175-M2W9-0821	N	LF		GW	8/26/2021	5.2		
TW-01	TW-01-M2W9-0821	N	EP		GW	8/25/2021		23	< 0.50 U

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W9

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)
MW-34-055	MW-34-055-M2W9-0821	N	LF		GW	8/26/2021			
MW-34-080	MW-34-080-M2W9-0821	N	LF		GW	8/26/2021			
MW-34-100	MW-34-100-M2W9-0821	N	LF		GW	8/26/2021			
MW-36-020	MW-36-020-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-040	MW-36-040-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-050	MW-36-050-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-050	MW-929-Q321	FD		MW-36-050-M2W9-0821	GW	8/25/2021			
MW-36-070	MW-36-070-M2W9-0821	N			GW	8/25/2021			
MW-36-090	MW-36-090-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-100	MW-36-100-M2W9-0821	N	LF		GW	8/25/2021			
MW-44-070	MW-44-070-M2W9-0821	N	LF		GW	8/26/2021			
MW-44-115	MW-44-115-M2W9-0821	N	LF		GW	8/26/2021			
MW-44-125	MW-44-125-M2W9-0821	N	LF		GW	8/26/2021			
MW-46-175	MW-46-175-M2W9-0821	N	LF		GW	8/26/2021			
TW-01	TW-01-M2W9-0821	N	EP		GW	8/25/2021	31	12	18

Notes:

All analyses were performed by Asset Laboratory.
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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W9

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Sulfate by Method EPA 300.0 (mg/L)
MW-34-055	MW-34-055-M2W9-0821	N	LF		GW	8/26/2021			
MW-34-080	MW-34-080-M2W9-0821	N	LF		GW	8/26/2021			
MW-34-100	MW-34-100-M2W9-0821	N	LF		GW	8/26/2021			
MW-36-020	MW-36-020-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-040	MW-36-040-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-050	MW-36-050-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-050	MW-929-Q321	FD		MW-36-050-M2W9-0821	GW	8/25/2021			
MW-36-070	MW-36-070-M2W9-0821	N			GW	8/25/2021			
MW-36-090	MW-36-090-M2W9-0821	N	LF		GW	8/25/2021			
MW-36-100	MW-36-100-M2W9-0821	N	LF		GW	8/25/2021			
MW-44-070	MW-44-070-M2W9-0821	N	LF		GW	8/26/2021			
MW-44-115	MW-44-115-M2W9-0821	N	LF		GW	8/26/2021			
MW-44-125	MW-44-125-M2W9-0821	N	LF		GW	8/26/2021			
MW-46-175	MW-46-175-M2W9-0821	N	LF		GW	8/26/2021			
TW-01	TW-01-M2W9-0821	N	EP		GW	8/25/2021	12	1100	510

Notes:

All analyses were performed by Asset Laboratory.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W10

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)
TW-01	TW-01-M2W10-0821	N	EP	GW	9/1/2021	< 0.10 U	240	1700		1500 J	< 0.015 U	< 0.0020 U	3.5	23
TW-01	TW-01-M2W10-0821-CS	N		Charcoal	9/1/2021						5.58	< 0.0020 U		
TW-01	TW-01-M2W10-090221	N	EP	GW	9/2/2021				1200					

Notes:

All analyses were performed by Asset Laboratory.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W10

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)
TW-01	TW-01-M2W10-0821	N	EP	GW	9/1/2021	< 0.50 U	22	12	18	< 0.015 U	9.2	1200	6200	510
TW-01	TW-01-M2W10-0821-CS	N		Charcoal	9/1/2021					< 0.015 U				
TW-01	TW-01-M2W10-090221	N	EP	GW	9/2/2021									

Notes:

All analyses were performed by Asset Laboratory.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M2W10

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Total dissolved solids by Method SM 2540 C (mg/L)
TW-01	TW-01-M2W10-0821	N	EP	GW	9/1/2021	4000
TW-01	TW-01-M2W10-0821-CS	N		Charcoal	9/1/2021	
TW-01	TW-01-M2W10-090221	N	EP	GW	9/2/2021	

Notes:

All analyses were performed by Asset Laboratory.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W11

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Aluminum, dissolved by Method SW 6010B (µg/L)	Ammonia as nitrogen by Method A4500NH3G (mg/L)	Antimony, dissolved by Method SW 6020 (µg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Beryllium, dissolved by Method SW 6020 (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M3W11-0921	N	LF		GW	9/8/2021								
MW-34-080	MW-34-080-M3W11-0921	N	LF		GW	9/8/2021								
MW-34-100	MW-34-100-M3W11-0921	N	LF		GW	9/8/2021								
MW-36-020	MW-36-020-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-040	MW-36-040-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-050	MW-36-050-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-070	MW-36-070-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-090	MW-36-090-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-100	MW-36-100-M3W11-0921	N	LF		GW	9/7/2021								
MW-44-070	MW-44-070-M3W11-0921	N	LF		GW	9/8/2021								
MW-44-115	MW-44-115-M3W11-0921	N	LF		GW	9/8/2021								
MW-44-125	MW-44-125-M3W11-0921	N	LF		GW	9/8/2021								
MW-46-175	MW-46-175-M3W11-0921	N	LF		GW	9/9/2021								
MW-68-180	MW-68-180-M3W11-0921	N	LF		GW	9/9/2021								
TW-01	TW-01-M3W11-0921	N	EP		GW	9/9/2021	< 50 U	< 0.20 U	< 0.50 U	< 0.10 U	42	< 0.50 U	1.2	< 0.50 U
TW-01	MW-930-Q321	FD		TW-01-M3W11-0921	GW	9/9/2021	< 50 U	< 0.20 U	< 0.50 U	< 0.10 U	42	< 0.50 U	1.2	< 0.50 U

Notes:

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 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W11

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt, dissolved by Method SW 6020 (µg/L)	Copper, dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron, dissolved by Method SW 6010B (µg/L)
MW-34-055	MW-34-055-M3W11-0921	N	LF		GW	9/8/2021			< 0.20 U					
MW-34-080	MW-34-080-M3W11-0921	N	LF		GW	9/8/2021			< 0.20 U					
MW-34-100	MW-34-100-M3W11-0921	N	LF		GW	9/8/2021			< 0.20 U					
MW-36-020	MW-36-020-M3W11-0921	N	LF		GW	9/7/2021			< 0.20 U					
MW-36-040	MW-36-040-M3W11-0921	N	LF		GW	9/7/2021			< 0.20 U					
MW-36-050	MW-36-050-M3W11-0921	N	LF		GW	9/7/2021			< 0.20 U					
MW-36-070	MW-36-070-M3W11-0921	N	LF		GW	9/7/2021			< 0.20 U					
MW-36-090	MW-36-090-M3W11-0921	N	LF		GW	9/7/2021			< 0.20 U					
MW-36-100	MW-36-100-M3W11-0921	N	LF		GW	9/7/2021			< 0.20 U					
MW-44-070	MW-44-070-M3W11-0921	N	LF		GW	9/8/2021			< 0.20 U					
MW-44-115	MW-44-115-M3W11-0921	N	LF		GW	9/8/2021			1.4					
MW-44-125	MW-44-125-M3W11-0921	N	LF		GW	9/8/2021			< 0.20 U					
MW-46-175	MW-46-175-M3W11-0921	N	LF		GW	9/9/2021			5.4					
MW-68-180	MW-68-180-M3W11-0921	N	LF		GW	9/9/2021			48000					
TW-01	TW-01-M3W11-0921	N	EP		GW	9/9/2021	240	1700	1200	1300	< 0.50 U	< 1.0 U	3.5	< 20 UJ
TW-01	MW-930-Q321	FD		TW-01-M3W11-0921	GW	9/9/2021	230	1700	1300	1500	< 0.50 U	< 1.0 U	3.4	< 20 UJ

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TW-01 Extended Aquifer Test-M3W11

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Lead, dissolved by Method SW 6020 (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Mercury, dissolved by Method EPA 7470A (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nickel, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Oil and Grease by Method 1664B (mg/L)
MW-34-055	MW-34-055-M3W11-0921	N	LF		GW	9/8/2021								
MW-34-080	MW-34-080-M3W11-0921	N	LF		GW	9/8/2021								
MW-34-100	MW-34-100-M3W11-0921	N	LF		GW	9/8/2021								
MW-36-020	MW-36-020-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-040	MW-36-040-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-050	MW-36-050-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-070	MW-36-070-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-090	MW-36-090-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-100	MW-36-100-M3W11-0921	N	LF		GW	9/7/2021								
MW-44-070	MW-44-070-M3W11-0921	N	LF		GW	9/8/2021								
MW-44-115	MW-44-115-M3W11-0921	N	LF		GW	9/8/2021								
MW-44-125	MW-44-125-M3W11-0921	N	LF		GW	9/8/2021								
MW-46-175	MW-46-175-M3W11-0921	N	LF		GW	9/9/2021								
MW-68-180	MW-68-180-M3W11-0921	N	LF		GW	9/9/2021								
TW-01	TW-01-M3W11-0921	N	EP		GW	9/9/2021	< 1.0 U	23 J	< 0.50 U	< 0.20 U	39	< 1.0 U	12	< 4.0 U
TW-01	MW-930-Q321	FD		TW-01-M3W11-0921	GW	9/9/2021	< 1.0 U	23 J	< 0.50 U	< 0.20 U	38	< 1.0 U	11	< 4.0 U

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 mg/L = milligrams per liter
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TW-01 Extended Aquifer Test-M3W11

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	pH by Method SM 4500-H+ B (PHUNITS)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Thallium, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M3W11-0921	N	LF		GW	9/8/2021								
MW-34-080	MW-34-080-M3W11-0921	N	LF		GW	9/8/2021								
MW-34-100	MW-34-100-M3W11-0921	N	LF		GW	9/8/2021								
MW-36-020	MW-36-020-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-040	MW-36-040-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-050	MW-36-050-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-070	MW-36-070-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-090	MW-36-090-M3W11-0921	N	LF		GW	9/7/2021								
MW-36-100	MW-36-100-M3W11-0921	N	LF		GW	9/7/2021								
MW-44-070	MW-44-070-M3W11-0921	N	LF		GW	9/8/2021								
MW-44-115	MW-44-115-M3W11-0921	N	LF		GW	9/8/2021								
MW-44-125	MW-44-125-M3W11-0921	N	LF		GW	9/8/2021								
MW-46-175	MW-46-175-M3W11-0921	N	LF		GW	9/9/2021								
MW-68-180	MW-68-180-M3W11-0921	N	LF		GW	9/9/2021								
TW-01	TW-01-M3W11-0921	N	EP		GW	9/9/2021	7.4	18	14	< 0.50 U	700 J	6400	510	< 0.50 U
TW-01	MW-930-Q321	FD		TW-01-M3W11-0921	GW	9/9/2021	7.4	17	14	< 0.50 U	1300 J	6400	500	< 0.50 U

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Acronyms and Abbreviations:

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 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
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TW-01 Extended Aquifer Test-M3W11

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total dissolved solids by Method SM 2540 C (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)	Total Suspended Solids (TSS) by Method SM 2540 D (mg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M3W11-0921	N	LF		GW	9/8/2021					
MW-34-080	MW-34-080-M3W11-0921	N	LF		GW	9/8/2021					
MW-34-100	MW-34-100-M3W11-0921	N	LF		GW	9/8/2021					
MW-36-020	MW-36-020-M3W11-0921	N	LF		GW	9/7/2021					
MW-36-040	MW-36-040-M3W11-0921	N	LF		GW	9/7/2021					
MW-36-050	MW-36-050-M3W11-0921	N	LF		GW	9/7/2021					
MW-36-070	MW-36-070-M3W11-0921	N	LF		GW	9/7/2021					
MW-36-090	MW-36-090-M3W11-0921	N	LF		GW	9/7/2021					
MW-36-100	MW-36-100-M3W11-0921	N	LF		GW	9/7/2021					
MW-44-070	MW-44-070-M3W11-0921	N	LF		GW	9/8/2021					
MW-44-115	MW-44-115-M3W11-0921	N	LF		GW	9/8/2021					
MW-44-125	MW-44-125-M3W11-0921	N	LF		GW	9/8/2021					
MW-46-175	MW-46-175-M3W11-0921	N	LF		GW	9/9/2021					
MW-68-180	MW-68-180-M3W11-0921	N	LF		GW	9/9/2021					
TW-01	TW-01-M3W11-0921	N	EP		GW	9/9/2021	4000	< 1.0 U	< 5.0 U	14	< 10 U
TW-01	MW-930-Q321	FD		TW-01-M3W11-0921	GW	9/9/2021	4100	< 1.0 U	< 5.0 U	14	< 10 U

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W12

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)
TW-01	TW-01-M3W12-0921	N	EP	GW	9/15/2021	< 0.10 U	240	1700	< 0.015 U	< 0.0020 U	23 J	< 0.50 U	37	12	20 J
TW-01	TW-01-M3W12-0921-CS	N		Charcoal	9/15/2021				< 0.015 U	< 0.0020 U					

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W12

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Sulfate by Method EPA 300.0 (mg/L)
TW-01	TW-01-M3W12-0921	N	EP	GW	9/15/2021	< 0.015 U	14	1200 J	520
TW-01	TW-01-M3W12-0921-CS	N		Charcoal	9/15/2021	< 0.015 U			

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W13

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)
MW-10	MW-10-M3W13-0921	N			GW	9/22/2021	1.6 J	150 J	710	120	140 J	< 0.015 U	< 0.0020 U	23 J	< 0.50 U	17 J	11
MW-10D	MW-10D-M3W13-0921	N	LF		GW	9/22/2021	< 0.10 UJ	120 J	840	94	120 J	< 0.015 U	< 0.0020 U	22 J	< 0.50 U	1.4 J	9.5
MW-34-055	MW-34-055-M3W13-0921	N	LF		GW	9/22/2021				< 0.20 U							
MW-34-080	MW-34-080-M3W13-0921	N	LF		GW	9/22/2021				< 0.20 U							
MW-34-100	MW-34-100-M3W13-0921	N	LF		GW	9/22/2021				< 0.20 U							
MW-36-020	MW-36-020-M3W13-0921	N	LF		GW	9/21/2021				< 0.20 U							
MW-36-040	MW-36-040-M3W13-0921	N	LF		GW	9/21/2021				< 0.20 U							
MW-36-050	MW-36-050-M3W13-0921	N	LF		GW	9/21/2021				< 0.20 U							
MW-36-070	MW-36-070-M3W13-0921	N	LF		GW	9/21/2021				< 0.20 U							
MW-36-090	MW-36-090-M3W13-0921	N	LF		GW	9/21/2021				< 0.20 U							
MW-36-100	MW-36-100-M3W13-0921	N	LF		GW	9/21/2021				< 0.20 U							
MW-38D	MW-38D-M3W13-0921	N	LF		GW	9/22/2021	< 0.10 UJ	550 J	7000	30	36 J	< 0.015 U	3160	11 J	5.4	38 J	0.36
MW-38S	MW-38S-M3W13-0921	N	LF		GW	9/22/2021	9 J	18 J	140	5.6	5.3 J	< 0.015 U	< 0.0020 U	3.3 J	14	16 J	6.1
MW-44-070	MW-44-070-M3W13-0921	N	LF		GW	9/23/2021				< 0.20 U							
MW-44-115	MW-44-115-M3W13-0921	N			GW	9/23/2021				1							
MW-44-115	MW-932-Q321	FD		MW-44-115-M3W13-0921	GW	9/23/2021				1							
MW-44-125	MW-44-125-M3W13-0921	N	LF		GW	9/23/2021				< 0.20 U							
MW-46-175	MW-46-175-M3W13-0921	N			GW	9/23/2021				4.3							
MW-66-165	MW-66-165-M3W13-0921	N	LF		GW	9/24/2021	< 0.10 UJ	230 J	820	360	410	< 0.015 U	< 0.0020 U	37 J	4.8	6.7	19
MW-66-230	MW-66-230-M3W13-0921	N			GW	9/24/2021	3.4 J	570 J	7000	4800	5400	< 0.015 U	< 0.0020 U	5.3 J	14	76	8.8
MW-66BR-270	MW-66BR-270-M3W13-0921	N			GW	10/8/2021	0.11	280	5600	< 1.0 U	< 1.0 U			18	40	12	< 0.10 U
MW-67-185	MW-67-185-M3W13-0921	N	LF		GW	9/23/2021	2.2 J	190 J	910	< 100 U	< 5.0 UJ	< 0.015 U	2.19	29	1600	89 J	0.12
MW-67-225	MW-67-225-M3W13-0921	N			GW	9/24/2021	< 0.10 UJ	140 J	1300	2100	2400	< 0.015 U	2.21	6.3 J	32	72	32
MW-67-260	MW-67-260-M3W13-0921	N			GW	9/24/2021	< 0.10 UJ	340 J	5300	770	840	< 0.015 U	5.57	0.11 J	0.57	70	0.61
MW-68-180	MW-68-180-M3W13-0921	N	LF		GW	9/23/2021	1 J	680 J	1100	46000	56000 J	< 0.015 U	0.285	65	< 0.50 U	58 J	34
MW-68-240	MW-68-240-M3W13-0921	N	LF		GW	9/23/2021	< 0.10 UJ	660 J	5400	1800	2000 J	< 0.015 U	< 0.0020 U	19	18	28 J	4.8
MW-68BR-280	MW-68BR-280-M3W13-0921	N	LF		GW	9/23/2021	< 0.10 UJ	340 J	7200	< 1.0 U	< 1.0 UJ	< 0.015 U	< 0.0020 U	2.7	68	27 J	< 0.10 U
TW-01	TW-01-M3W13-0921	N	EP		GW	9/23/2021	< 0.10 UJ	280 J	1700	1200	1400 J	< 0.015 U	< 0.0020 U	25	< 0.50 U	38 J	11
TW-01	MW-931-Q321	FD		TW-01-M3W13-0921	GW	9/23/2021	< 0.10 UJ	270 J	1700	1200	1400 J	< 0.015 U	< 0.0020 U	24	< 0.50 U	39 J	11
TW-01	TW-01-M3W13-0921-CS	N			Charcoal	9/23/2021						< 0.015 U	< 0.0020 U				

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 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W13

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Potassium, dissolved by Method SW 6010B (mg/L)	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
MW-10	MW-10-M3W13-0921	N			GW	9/22/2021	11	< 0.015 U	7.3	500	3000	280	1800
MW-10D	MW-10D-M3W13-0921	N	LF		GW	9/22/2021	12	< 0.015 U	6.6	520	3400	270	1900
MW-34-055	MW-34-055-M3W13-0921	N	LF		GW	9/22/2021							
MW-34-080	MW-34-080-M3W13-0921	N	LF		GW	9/22/2021							
MW-34-100	MW-34-100-M3W13-0921	N	LF		GW	9/22/2021							
MW-36-020	MW-36-020-M3W13-0921	N	LF		GW	9/21/2021							
MW-36-040	MW-36-040-M3W13-0921	N	LF		GW	9/21/2021							
MW-36-050	MW-36-050-M3W13-0921	N	LF		GW	9/21/2021							
MW-36-070	MW-36-070-M3W13-0921	N	LF		GW	9/21/2021							
MW-36-090	MW-36-090-M3W13-0921	N	LF		GW	9/21/2021							
MW-36-100	MW-36-100-M3W13-0921	N	LF		GW	9/21/2021							
MW-38D	MW-38D-M3W13-0921	N	LF		GW	9/22/2021	47	< 0.015 U	< 0.50 U	5300	21000	700	13000
MW-38S	MW-38S-M3W13-0921	N	LF		GW	9/22/2021	3.7	< 0.015 U	2.2	190	1000	81	580
MW-44-070	MW-44-070-M3W13-0921	N	LF		GW	9/23/2021							
MW-44-115	MW-44-115-M3W13-0921	N			GW	9/23/2021							
MW-44-115	MW-932-Q321	FD		MW-44-115-M3W13-0921	GW	9/23/2021							
MW-44-125	MW-44-125-M3W13-0921	N	LF		GW	9/23/2021							
MW-46-175	MW-46-175-M3W13-0921	N			GW	9/23/2021							
MW-66-165	MW-66-165-M3W13-0921	N	LF		GW	9/24/2021	13	< 0.015 U	17	490	3000	360	2100
MW-66-230	MW-66-230-M3W13-0921	N			GW	9/24/2021	56	< 0.015 U	7.1	5200	19000	990	13000
MW-66BR-270	MW-66BR-270-M3W13-0921	N			GW	10/8/2021	38		< 0.50 U	3600	15000	250	9200
MW-67-185	MW-67-185-M3W13-0921	N	LF		GW	9/23/2021	18	0.015	54	330	3800	360	2100
MW-67-225	MW-67-225-M3W13-0921	N			GW	9/24/2021	16	0.015	72	1400	5400	990	4000
MW-67-260	MW-67-260-M3W13-0921	N			GW	9/24/2021	77	0.015	1.4	4500	15000	690	11000
MW-68-180	MW-68-180-M3W13-0921	N	LF		GW	9/23/2021	18	< 0.015 U	25	680	5700	1400	4300
MW-68-240	MW-68-240-M3W13-0921	N	LF		GW	9/23/2021	43	< 0.015 U	4.4	4300	17000	890	11000
MW-68BR-280	MW-68BR-280-M3W13-0921	N	LF		GW	9/23/2021	47	< 0.015 U	< 0.50 U	5900	22000	670	13000
TW-01	TW-01-M3W13-0921	N	EP		GW	9/23/2021	19	< 0.015 U	12	1200	6500	520	4100
TW-01	MW-931-Q321	FD		TW-01-M3W13-0921	GW	9/23/2021	18	< 0.015 U	13	1200	6500	510	3900
TW-01	TW-01-M3W13-0921-CS	N			Charcoal	9/23/2021		< 0.015 U					

Notes:

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Acronyms and Abbreviations:

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 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

TW-01 Extended Aquifer Test-M3W14

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Sulfate by Method EPA 300.0 (mg/L)
TW-01	TW-01-M3W14-0921	N	EP	GW	9/30/2021	< 0.10 UJ	310 J	1700	30	< 0.50 U	40	15	20	14	1300	540

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EP = extraction port

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

U = analyte not detected

Preliminary TW-01 Extended Aquifer Test-M4W15

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Aluminum, dissolved by Method SW 6010B (µg/L)	Ammonia as nitrogen by Method A4500NH3G (mg/L)	Antimony, dissolved by Method SW 6020 (µg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Beryllium, dissolved by Method SW 6020 (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M4W15-1021	N			GW	10/6/2021								
MW-34-080	MW-34-080-M4W15-1021	N	LF		GW	10/6/2021								
MW-34-100	MW-34-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-020	MW-36-020-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-040	MW-36-040-M4W15-1021	N			GW	10/6/2021								
MW-36-050	MW-36-050-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-070	MW-36-070-M4W15-1021	N			GW	10/6/2021								
MW-36-090	MW-36-090-M4W15-1021	N			GW	10/6/2021								
MW-36-100	MW-36-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-070	MW-44-070-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-115	MW-44-115-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-125	MW-44-125-M4W15-1021	N	LF		GW	10/6/2021								
MW-46-175	MW-46-175-M4W15-1021	N	LF		GW	10/6/2021								
MW-68-180	MW-68-180-M4W15-1021	N			GW	10/7/2021								
TW-01	TW-01-M4W15-1021	N	EP		GW	10/7/2021	< 50 U	< 0.20 U	< 0.50 U	0.79	37	< 0.50 U	1.4	< 0.50 U
TW-01	MW-901-Q421	FD		TW-01-M4W15-1021	GW	10/7/2021	< 50 U	< 0.20 U	< 0.50 U	0.72	36	< 0.50 U	1.5	< 0.50 U

Notes:

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 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

Preliminary TW-01 Extended Aquifer Test-M4W15

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt, dissolved by Method SW 6020 (µg/L)	Copper, dissolved by Method SW 6020 (µg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)
MW-34-055	MW-34-055-M4W15-1021	N			GW	10/6/2021			< 0.20 U					
MW-34-080	MW-34-080-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-34-100	MW-34-100-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-36-020	MW-36-020-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-36-040	MW-36-040-M4W15-1021	N			GW	10/6/2021			< 0.20 U					
MW-36-050	MW-36-050-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-36-070	MW-36-070-M4W15-1021	N			GW	10/6/2021			< 0.20 U					
MW-36-090	MW-36-090-M4W15-1021	N			GW	10/6/2021			< 0.20 U					
MW-36-100	MW-36-100-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-44-070	MW-44-070-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-44-115	MW-44-115-M4W15-1021	N	LF		GW	10/6/2021			0.9					
MW-44-125	MW-44-125-M4W15-1021	N	LF		GW	10/6/2021			< 0.20 U					
MW-46-175	MW-46-175-M4W15-1021	N	LF		GW	10/6/2021			6.1					
MW-68-180	MW-68-180-M4W15-1021	N			GW	10/7/2021			49000					
TW-01	TW-01-M4W15-1021	N	EP		GW	10/7/2021	260	1800	1300	1300	< 0.50 U	< 1.0 U	< 0.015 U	< 0.0020 U
TW-01	MW-901-Q421	FD		TW-01-M4W15-1021	GW	10/7/2021	250	1800	1300	1300	< 0.50 U	< 1.0 U	< 0.015 U	< 0.0020 U

Notes:

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 mg/L = milligrams per liter
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Preliminary TW-01 Extended Aquifer Test-M4W15

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Fluoride by Method EPA 300.0 (mg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Lead, dissolved by Method SW 6020 (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Mercury, dissolved by Method EPA 7470A (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nickel, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M4W15-1021	N			GW	10/6/2021								
MW-34-080	MW-34-080-M4W15-1021	N	LF		GW	10/6/2021								
MW-34-100	MW-34-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-020	MW-36-020-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-040	MW-36-040-M4W15-1021	N			GW	10/6/2021								
MW-36-050	MW-36-050-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-070	MW-36-070-M4W15-1021	N			GW	10/6/2021								
MW-36-090	MW-36-090-M4W15-1021	N			GW	10/6/2021								
MW-36-100	MW-36-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-070	MW-44-070-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-115	MW-44-115-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-125	MW-44-125-M4W15-1021	N	LF		GW	10/6/2021								
MW-46-175	MW-46-175-M4W15-1021	N	LF		GW	10/6/2021								
MW-68-180	MW-68-180-M4W15-1021	N			GW	10/7/2021								
TW-01	TW-01-M4W15-1021	N	EP		GW	10/7/2021	3.9	< 20 U	< 1.0 U	25	< 0.50 U	< 0.20 U	34	< 5.0 U
TW-01	MW-901-Q421	FD		TW-01-M4W15-1021	GW	10/7/2021	4.2	< 20 U	< 1.0 U	26	< 0.50 U	< 0.20 U	34	< 1.0 U

Notes:

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 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

Preliminary TW-01 Extended Aquifer Test-M4W15

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Oil and Grease by Method 1664B (mg/L)	pH by Method SM 4500-H+ B (PHUNITS)	Potassium, dissolved by Method SW 6010B (mg/L)	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)
MW-34-055	MW-34-055-M4W15-1021	N			GW	10/6/2021								
MW-34-080	MW-34-080-M4W15-1021	N	LF		GW	10/6/2021								
MW-34-100	MW-34-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-020	MW-36-020-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-040	MW-36-040-M4W15-1021	N			GW	10/6/2021								
MW-36-050	MW-36-050-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-070	MW-36-070-M4W15-1021	N			GW	10/6/2021								
MW-36-090	MW-36-090-M4W15-1021	N			GW	10/6/2021								
MW-36-100	MW-36-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-070	MW-44-070-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-115	MW-44-115-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-125	MW-44-125-M4W15-1021	N	LF		GW	10/6/2021								
MW-46-175	MW-46-175-M4W15-1021	N	LF		GW	10/6/2021								
MW-68-180	MW-68-180-M4W15-1021	N			GW	10/7/2021								
TW-01	TW-01-M4W15-1021	N	EP		GW	10/7/2021	11	< 4.0 U	7.4	22	< 0.015 U	12	< 0.50 U	1200
TW-01	MW-901-Q421	FD		TW-01-M4W15-1021	GW	10/7/2021	12	< 4.0 U	7.4	21	< 0.015 U	12	< 0.50 U	1200

Notes:

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 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

Preliminary TW-01 Extended Aquifer Test-M4W15

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Thallium, dissolved by Method SW 6020 (µg/L)	Total dissolved solids by Method SM 2540 C (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)	Total Suspended Solids (TSS) by Method SM 2540 D (mg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M4W15-1021	N			GW	10/6/2021								
MW-34-080	MW-34-080-M4W15-1021	N	LF		GW	10/6/2021								
MW-34-100	MW-34-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-020	MW-36-020-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-040	MW-36-040-M4W15-1021	N			GW	10/6/2021								
MW-36-050	MW-36-050-M4W15-1021	N	LF		GW	10/6/2021								
MW-36-070	MW-36-070-M4W15-1021	N			GW	10/6/2021								
MW-36-090	MW-36-090-M4W15-1021	N			GW	10/6/2021								
MW-36-100	MW-36-100-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-070	MW-44-070-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-115	MW-44-115-M4W15-1021	N	LF		GW	10/6/2021								
MW-44-125	MW-44-125-M4W15-1021	N	LF		GW	10/6/2021								
MW-46-175	MW-46-175-M4W15-1021	N	LF		GW	10/6/2021								
MW-68-180	MW-68-180-M4W15-1021	N			GW	10/7/2021								
TW-01	TW-01-M4W15-1021	N	EP		GW	10/7/2021	6200	520	< 0.50 U	3800	< 1.0 U	< 5.0 U	12	< 10 U
TW-01	MW-901-Q421	FD		TW-01-M4W15-1021	GW	10/7/2021	6400	510	< 0.50 U	4000	< 1.0 U	< 5.0 U	12	< 10 U

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

Preliminary TW-01 Extended Aquifer Test-M4W17

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Eosine by Method Dye Test (µg/L)	Fluorescein by Method Dye Test (µg/L)
MW-34-055	MW-34-055-M4W17-1021	N	LF		GW	10/20/2021				< 0.20 U			
MW-34-080	MW-34-080-M4W17-1021	N	LF		GW	10/20/2021				< 0.20 U			
MW-34-100	MW-34-100-M4W17-1021	N	LF		GW	10/20/2021				< 0.20 U			
MW-34-100	MW-903-Q421	FD		MW-34-100-M4W17-1021	GW	10/20/2021				< 1.0 U			
MW-36-020	MW-36-020-M4W17-1021	N	LF		GW	10/18/2021				< 0.20 U			
MW-36-040	MW-36-040-M4W17-1021	N	LF		GW	10/18/2021				< 0.20 U			
MW-36-050	MW-36-050-M4W17-1021	N	LF		GW	10/18/2021				< 0.20 U			
MW-36-070	MW-36-070-M4W17-1021	N	LF		GW	10/18/2021				< 0.20 U			
MW-36-090	MW-36-090-M4W17-1021	N	LF		GW	10/18/2021				< 0.20 U			
MW-36-100	MW-36-100-M4W17-1021	N	LF		GW	10/18/2021				< 0.20 U			
MW-44-070	MW-44-070-M4W17-1021	N	LF		GW	10/20/2021				< 0.20 U			
MW-44-115	MW-44-115-M4W17-1021	N	LF		GW	10/20/2021				1.4			
MW-44-125	MW-44-125-M4W17-1021	N	LF		GW	10/20/2021				< 0.20 U			
MW-46-175	MW-46-175-M4W17-1021	N	LF		GW	10/20/2021				3.6			
MW-46-175	MW-904-Q421	FD		MW-46-175-M4W17-1021	GW	10/20/2021				3.6			
TW-01	TW-01-M4W17-1021	N	EP		GW	10/20/2021	0.92	270	1800	1300	1400	< 0.015 U	0.017
TW-01	MW-902-Q421	FD		TW-01-M4W17-1021	GW	10/20/2021	1	290	1800	1300	1400	< 0.015 U	0.019

Notes:

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 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected

Preliminary TW-01 Extended Aquifer Test-M4W17

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Rhodamine-clc by Method Dye Test (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M4W17-1021	N	LF		GW	10/20/2021							
MW-34-080	MW-34-080-M4W17-1021	N	LF		GW	10/20/2021							
MW-34-100	MW-34-100-M4W17-1021	N	LF		GW	10/20/2021							
MW-34-100	MW-903-Q421	FD		MW-34-100-M4W17-1021	GW	10/20/2021							
MW-36-020	MW-36-020-M4W17-1021	N	LF		GW	10/18/2021							
MW-36-040	MW-36-040-M4W17-1021	N	LF		GW	10/18/2021							
MW-36-050	MW-36-050-M4W17-1021	N	LF		GW	10/18/2021							
MW-36-070	MW-36-070-M4W17-1021	N	LF		GW	10/18/2021							
MW-36-090	MW-36-090-M4W17-1021	N	LF		GW	10/18/2021							
MW-36-100	MW-36-100-M4W17-1021	N	LF		GW	10/18/2021							
MW-44-070	MW-44-070-M4W17-1021	N	LF		GW	10/20/2021							
MW-44-115	MW-44-115-M4W17-1021	N	LF		GW	10/20/2021							
MW-44-125	MW-44-125-M4W17-1021	N	LF		GW	10/20/2021							
MW-46-175	MW-46-175-M4W17-1021	N	LF		GW	10/20/2021							
MW-46-175	MW-904-Q421	FD		MW-46-175-M4W17-1021	GW	10/20/2021							
TW-01	TW-01-M4W17-1021	N	EP		GW	10/20/2021	26	< 0.50 U	33	11	19	< 0.015 U	13
TW-01	MW-902-Q421	FD		TW-01-M4W17-1021	GW	10/20/2021	27	< 0.50 U	34	11	20	< 0.015 U	14

Notes:

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Acronyms and Abbreviations:

µg/L = micrograms per liter
 EP = extraction port
 EPA = Environmental Protection Agency
 GW = groundwater
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SW = solid waste
 U = analyte not detected