

Preliminary Baseline TW-01 and MW-68-180

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)
MW-10	MW-10-0521	N	LF		GW	5/5/2021	--	--	--	1.5	--	--	--
MW-10D	MW-10D-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-24A	MW-24A-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-24B	MW-24B-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-38D	MW-38D-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-38S	MW-38S-0521	N	LF		GW	5/5/2021	--	--	--	5.5	--	--	--
MW-66-165	MW-66-165-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-66-230	MW-66-230-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-66BR-270	MW-66BR-270-0521	N			GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
MW-67-185	MW-918-Q221	FD		MW-67-185-0521	GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
MW-67-185	MW-67-185-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--	--
MW-67-185	MW-67-185-0521	N	LF		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
MW-67-225	MW-67-225-0521	N	LF		GW	5/4/2021	--	--	--	0.81	--	--	--
MW-67-260	MW-67-260-0521	N	LF		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
MW-68-180	MW-68-180-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--	--
MW-68-180	MW-68-180-0521	N	LF		GW	5/4/2021	--	--	--	2	--	--	--
MW-68-240	MW-68-240-0521	N	LF		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
MW-68BR-280	MW-68BR-280-0521	N	3V		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
PT7D	PT7D-0521	N	LF		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
PT7M	PT7M-0521	N	LF		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
PT7S	PT7S-0521	N	LF		GW	5/4/2021	--	--	--	0.34	--	--	--
PT8D	PT8D-0521	N	LF		GW	5/4/2021	--	--	--	< 0.10 U	--	--	--
PT8M	PT8M-0521	N	LF		GW	5/4/2021	--	--	--	3.3	--	--	--
PT8S	PT8S-0521	N	LF		GW	5/4/2021	--	--	--	34	--	--	--
PT9D	PT9D-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
PT9M	PT9M-0521	N	LF		GW	5/5/2021	--	--	--	< 0.10 U	--	--	--
PT9S	PT9S-0521	N	LF		GW	5/5/2021	--	--	--	0.77	--	--	--
TW-01	MW-917-Q221	FD		TW-01-0421	GW	6/10/2021	< 50 U	< 0.20 U	< 0.50 U	< 0.10 U	29	< 0.50 UJ	1.6 J

Notes:

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N = Normal

SM = standard method

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Preliminary Baseline TW-01 and MW-68-180

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Caprolactam by Method SW 8270C (µg/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)
MW-10	MW-10-0521	N	LF		GW	5/5/2021	--	160	< 10 U	670	130	130 J	--
MW-10D	MW-10D-0521	N	LF		GW	5/5/2021	--	200	< 10 U	990	400	370 J	--
MW-24A	MW-24A-0521	N	LF		GW	5/5/2021	--	11	< 10 U	300	< 0.20 U	< 1.0 UJ	--
MW-24B	MW-24B-0521	N	LF		GW	5/5/2021	--	97	< 10 U	6700	48	45 J	--
MW-38D	MW-38D-0521	N	LF		GW	5/5/2021	--	96	< 10 U	7500	23	22 J	--
MW-38S	MW-38S-0521	N	LF		GW	5/5/2021	--	34	< 10 U	350	11	11 J	--
MW-66-165	MW-66-165-0521	N	LF		GW	5/5/2021	--	240	< 10 U	940	520	500 J	--
MW-66-230	MW-66-230-0521	N	LF		GW	5/5/2021	--	96	< 10 U	6600	6000	6200 J	--
MW-66BR-270	MW-66BR-270-0521	N			GW	5/5/2021	--	370	< 10 U	6200	< 1.0 U	< 1.0 UJ	--
MW-67-185	MW-918-Q221	FD		MW-67-185-0521	GW	5/4/2021	--	720	< 10 U	2300	2000	1900	--
MW-67-185	MW-67-185-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--	--
MW-67-185	MW-67-185-0521	N	LF		GW	5/4/2021	--	820	< 10 U	2300	2000	2000	--
MW-67-225	MW-67-225-0521	N	LF		GW	5/4/2021	--	150	< 10 U	1500	3400	3400	--
MW-67-260	MW-67-260-0521	N	LF		GW	5/4/2021	--	340	< 10 U	5500	920	940	--
MW-68-180	MW-68-180-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--	--
MW-68-180	MW-68-180-0521	N	LF		GW	5/4/2021	--	420	< 10 U	740	37000	37000	--
MW-68-240	MW-68-240-0521	N	LF		GW	5/4/2021	--	590	< 10 UJ	5400	2000	2000	--
MW-68BR-280	MW-68BR-280-0521	N	3V		GW	5/4/2021	--	410	< 10 U	7300	< 1.0 U	1.3	--
PT7D	PT7D-0521	N	LF		GW	5/4/2021	--	520	< 10 U	7100	< 1.0 U	< 1.0 U	--
PT7M	PT7M-0521	N	LF		GW	5/4/2021	--	250	< 10 U	2600	< 1.0 U	1	--
PT7S	PT7S-0521	N	LF		GW	5/4/2021	--	180	< 10 U	1300	420	410	--
PT8D	PT8D-0521	N	LF		GW	5/4/2021	--	660	< 10 U	7200	240	230	--
PT8M	PT8M-0521	N	LF		GW	5/4/2021	--	600	< 10 U	3000	< 0.20 U	9.3	--
PT8S	PT8S-0521	N	LF		GW	5/4/2021	--	69	< 10 U	860	< 0.20 U	< 1.0 U	--
PT9D	PT9D-0521	N	LF		GW	5/5/2021	--	100	< 10 U	6700	4900	5100 J	--
PT9M	PT9M-0521	N	LF		GW	5/5/2021	--	160	< 10 U	3600	570	580 J	--
PT9S	PT9S-0521	N	LF		GW	5/5/2021	--	160	< 10 U	860	28	29 J	--
TW-01	MW-917-Q221	FD		TW-01-0421	GW	6/10/2021	< 0.50 U	210	< 10 UJ	1500	1400	1500	< 0.50 U

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Preliminary Baseline TW-01 and MW-68-180

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)
MW-10	MW-10-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-10D	MW-10D-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-24A	MW-24A-0521	N	LF		GW	5/5/2021	--	0.015	0.017	--	--	--	--
MW-24B	MW-24B-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-38D	MW-38D-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-38S	MW-38S-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-66-165	MW-66-165-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-66-230	MW-66-230-0521	N	LF		GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-66BR-270	MW-66BR-270-0521	N			GW	5/5/2021	--	0.015	0.002	--	--	--	--
MW-67-185	MW-918-Q221	FD		MW-67-185-0521	GW	5/4/2021	--	< 0.015 U	0.056	--	--	--	--
MW-67-185	MW-67-185-RE-0521	N			GW	5/19/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
MW-67-185	MW-67-185-0521	N	LF		GW	5/4/2021	--	< 0.015 U	0.061	--	--	--	--
MW-67-225	MW-67-225-0521	N	LF		GW	5/4/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
MW-67-260	MW-67-260-0521	N	LF		GW	5/4/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
MW-68-180	MW-68-180-RE-0521	N			GW	5/19/2021	--	0.116	< 0.0020 U	--	--	--	--
MW-68-180	MW-68-180-0521	N	LF		GW	5/4/2021	--	< 0.015 U	1.1	--	--	--	--
MW-68-240	MW-68-240-0521	N	LF		GW	5/4/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
MW-68BR-280	MW-68BR-280-0521	N	3V		GW	5/4/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
PT7D	PT7D-0521	N	LF		GW	5/4/2021	--	< 0.015 U	16.2	--	--	--	--
PT7M	PT7M-0521	N	LF		GW	5/4/2021	--	< 0.015 U	299	--	--	--	--
PT7S	PT7S-0521	N	LF		GW	5/4/2021	--	< 0.015 U	0.028	--	--	--	--
PT8D	PT8D-0521	N	LF		GW	5/4/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
PT8M	PT8M-0521	N	LF		GW	5/4/2021	--	< 0.015 U	0.849	--	--	--	--
PT8S	PT8S-0521	N	LF		GW	5/4/2021	--	< 0.015 U	< 0.0020 U	--	--	--	--
PT9D	PT9D-0521	N	LF		GW	5/5/2021	--	0.202	0.002	--	--	--	--
PT9M	PT9M-0521	N	LF		GW	5/5/2021	--	0.015	55.1	--	--	--	--
PT9S	PT9S-0521	N	LF		GW	5/5/2021	--	0.015	0.248	--	--	--	--
TW-01	MW-917-Q221	FD		TW-01-0421	GW	6/10/2021	< 1.0 U	--	--	2.6	< 20 U	< 1.0 U	19

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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 SM 4500-NO3 F (mg/L)	Oil and Grease by Method 1664B (mg/L)	pH by Method SM 4500-H+ B (PHUNITS)
MW-10	MW-10-0521	N	LF		GW	5/5/2021	0.57	--	17	--	8.8	--	--
MW-10D	MW-10D-0521	N	LF		GW	5/5/2021	< 0.50 U	--	1.6	--	12	--	--
MW-24A	MW-24A-0521	N	LF		GW	5/5/2021	15	--	96	--	< 0.050 U	--	--
MW-24B	MW-24B-0521	N	LF		GW	5/5/2021	110	--	59	--	0.48	--	--
MW-38D	MW-38D-0521	N	LF		GW	5/5/2021	20	--	87	--	0.075	--	--
MW-38S	MW-38S-0521	N	LF		GW	5/5/2021	53	--	15	--	5.9	--	--
MW-66-165	MW-66-165-0521	N	LF		GW	5/5/2021	2.2	--	5.8	--	24	--	--
MW-66-230	MW-66-230-0521	N	LF		GW	5/5/2021	12	--	74	--	11	--	--
MW-66BR-270	MW-66BR-270-0521	N			GW	5/5/2021	1000	--	1.9	--	< 0.050 U	--	--
MW-67-185	MW-918-Q221	FD		MW-67-185-0521	GW	5/4/2021	< 0.50 U	--	5.6	--	95	--	--
MW-67-185	MW-67-185-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--	--
MW-67-185	MW-67-185-0521	N	LF		GW	5/4/2021	< 0.50 U	--	5.6	--	100	--	--
MW-67-225	MW-67-225-0521	N	LF		GW	5/4/2021	5.3	--	54	--	26	--	--
MW-67-260	MW-67-260-0521	N	LF		GW	5/4/2021	0.72	--	63	--	0.65	--	--
MW-68-180	MW-68-180-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--	--
MW-68-180	MW-68-180-0521	N	LF		GW	5/4/2021	< 0.50 U	--	46	--	15	--	--
MW-68-240	MW-68-240-0521	N	LF		GW	5/4/2021	23	--	24	--	4.2	--	--
MW-68BR-280	MW-68BR-280-0521	N	3V		GW	5/4/2021	55	--	24	--	< 0.050 U	--	--
PT7D	PT7D-0521	N	LF		GW	5/4/2021	7400	--	43	--	< 0.050 U	--	--
PT7M	PT7M-0521	N	LF		GW	5/4/2021	1900	--	5.5	--	0.065	--	--
PT7S	PT7S-0521	N	LF		GW	5/4/2021	12	--	7.1	--	4.8	--	--
PT8D	PT8D-0521	N	LF		GW	5/4/2021	230	--	62	--	0.76	--	--
PT8M	PT8M-0521	N	LF		GW	5/4/2021	6100	--	9.2	--	0.48	--	--
PT8S	PT8S-0521	N	LF		GW	5/4/2021	650	--	41	--	1.1	--	--
PT9D	PT9D-0521	N	LF		GW	5/5/2021	2.3	--	88	--	3.5	--	--
PT9M	PT9M-0521	N	LF		GW	5/5/2021	30	--	5.1	--	2.4	--	--
PT9S	PT9S-0521	N	LF		GW	5/5/2021	970	--	18	--	2.6	--	--
TW-01	MW-917-Q221	FD		TW-01-0421	GW	6/10/2021	< 0.50 U	< 0.20 UJ	24	< 5.0 UJ	15	< 4.0 U	7.3

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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)	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)
MW-10	MW-10-0521	N	LF		GW	5/5/2021	13 J	0.015	6.3	--	420	2800	270
MW-10D	MW-10D-0521	N	LF		GW	5/5/2021	16 J	0.015	6.9	--	630	3800	370
MW-24A	MW-24A-0521	N	LF		GW	5/5/2021	3.6 J	21.7	< 0.50 U	--	400	1700	180
MW-24B	MW-24B-0521	N	LF		GW	5/5/2021	51 J	0.015	1.4	--	5600	19000	760
MW-38D	MW-38D-0521	N	LF		GW	5/5/2021	50 J	0.015	< 0.50 U	--	5700	21000	720
MW-38S	MW-38S-0521	N	LF		GW	5/5/2021	6.4 J	0.015	4	--	320	1700	150
MW-66-165	MW-66-165-0521	N	LF		GW	5/5/2021	20 J	0.015	24	--	530	3900	450
MW-66-230	MW-66-230-0521	N	LF		GW	5/5/2021	57 J	0.015	7.6	--	5300	19000	1000
MW-66BR-270	MW-66BR-270-0521	N			GW	5/5/2021	52 J	0.015	< 0.50 U	--	4700	17000	290
MW-67-185	MW-918-Q221	FD		MW-67-185-0521	GW	5/4/2021	20	< 0.015 U	430	--	940 J	7700	580
MW-67-185	MW-67-185-RE-0521	N			GW	5/19/2021	--	< 0.015 U	--	--	--	--	--
MW-67-185	MW-67-185-0521	N	LF		GW	5/4/2021	20	< 0.015 U	430	--	920 J	7700	590
MW-67-225	MW-67-225-0521	N	LF		GW	5/4/2021	17	< 0.015 U	89	--	1600 J	6700	1100
MW-67-260	MW-67-260-0521	N	LF		GW	5/4/2021	67	< 0.015 U	1.4	--	4400 J	17000	720
MW-68-180	MW-68-180-RE-0521	N			GW	5/19/2021	--	< 0.015 U	--	--	--	--	--
MW-68-180	MW-68-180-0521	N	LF		GW	5/4/2021	13	< 0.015 U	14	--	550 J	4100	1100
MW-68-240	MW-68-240-0521	N	LF		GW	5/4/2021	38	< 0.015 U	4.1	--	4200 J	16000	880
MW-68BR-280	MW-68BR-280-0521	N	3V		GW	5/4/2021	44	< 0.015 U	< 0.50 U	--	5400 J	20000	690
PT7D	PT7D-0521	N	LF		GW	5/4/2021	34	< 0.015 U	< 0.50 U	--	5400 J	20000	700
PT7M	PT7M-0521	N	LF		GW	5/4/2021	16	< 0.015 U	< 0.50 U	--	1700 J	8500	3
PT7S	PT7S-0521	N	LF		GW	5/4/2021	13	< 0.015 U	4.5	--	900 J	4700	360
PT8D	PT8D-0521	N	LF		GW	5/4/2021	47	< 0.015 U	0.76	--	5500 J	20000	780
PT8M	PT8M-0521	N	LF		GW	5/4/2021	21	< 0.015 U	< 0.50 U	--	3100 J	9200	720
PT8S	PT8S-0521	N	LF		GW	5/4/2021	7.6	< 0.015 U	2	--	660 J	3300	250
PT9D	PT9D-0521	N	LF		GW	5/5/2021	44 J	0.015	3.3	--	5200	19000	960
PT9M	PT9M-0521	N	LF		GW	5/5/2021	38 J	0.015	2.6	--	2500	11000	690
PT9S	PT9S-0521	N	LF		GW	5/5/2021	9.5 J	0.015	1.8	--	550	3200	270
TW-01	MW-917-Q221	FD		TW-01-0421	GW	6/10/2021	19 J	--	10	< 0.50 U	1200	5600	540

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N = Normal

SM = standard method

U = analyte not detected

Preliminary Baseline TW-01 and MW-68-180

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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-10	MW-10-0521	N	LF		GW	5/5/2021	--	1700	--	--	--	--
MW-10D	MW-10D-0521	N	LF		GW	5/5/2021	--	2300	--	--	--	--
MW-24A	MW-24A-0521	N	LF		GW	5/5/2021	--	990	--	--	--	--
MW-24B	MW-24B-0521	N	LF		GW	5/5/2021	--	13000	--	--	--	--
MW-38D	MW-38D-0521	N	LF		GW	5/5/2021	--	12000 J	--	--	--	--
MW-38S	MW-38S-0521	N	LF		GW	5/5/2021	--	920	--	--	--	--
MW-66-165	MW-66-165-0521	N	LF		GW	5/5/2021	--	2300	--	--	--	--
MW-66-230	MW-66-230-0521	N	LF		GW	5/5/2021	--	12000	--	--	--	--
MW-66BR-270	MW-66BR-270-0521	N			GW	5/5/2021	--	10000	--	--	--	--
MW-67-185	MW-918-Q221	FD		MW-67-185-0521	GW	5/4/2021	--	6100	--	--	--	--
MW-67-185	MW-67-185-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--
MW-67-185	MW-67-185-0521	N	LF		GW	5/4/2021	--	5300	--	--	--	--
MW-67-225	MW-67-225-0521	N	LF		GW	5/4/2021	--	4700	--	--	--	--
MW-67-260	MW-67-260-0521	N	LF		GW	5/4/2021	--	11000	--	--	--	--
MW-68-180	MW-68-180-RE-0521	N			GW	5/19/2021	--	--	--	--	--	--
MW-68-180	MW-68-180-0521	N	LF		GW	5/4/2021	--	3000	--	--	--	--
MW-68-240	MW-68-240-0521	N	LF		GW	5/4/2021	--	11000	--	--	--	--
MW-68BR-280	MW-68BR-280-0521	N	3V		GW	5/4/2021	--	13000	--	--	--	--
PT7D	PT7D-0521	N	LF		GW	5/4/2021	--	13000	--	--	--	--
PT7M	PT7M-0521	N	LF		GW	5/4/2021	--	5600	--	--	--	--
PT7S	PT7S-0521	N	LF		GW	5/4/2021	--	2900	--	--	--	--
PT8D	PT8D-0521	N	LF		GW	5/4/2021	--	12000 J	--	--	--	--
PT8M	PT8M-0521	N	LF		GW	5/4/2021	--	6300	--	--	--	--
PT8S	PT8S-0521	N	LF		GW	5/4/2021	--	1900	--	--	--	--
PT9D	PT9D-0521	N	LF		GW	5/5/2021	--	13000	--	--	--	--
PT9M	PT9M-0521	N	LF		GW	5/5/2021	--	8700	--	--	--	--
PT9S	PT9S-0521	N	LF		GW	5/5/2021	--	1900	--	--	--	--
TW-01	MW-917-Q221	FD		TW-01-0421	GW	6/10/2021	< 0.50 U	3600	< 1.0 U	< 5.0 U	9.3	< 10 U

Notes:

Analyses were performed by Asset Laboratory except Ammonia as nitrogen by Method A4500NH3G (analyzed at BC Labs)
and dye testing for Eosine, Fluorescein and Rhodamine (analyzed by Ozark Underground Laboratories).

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N = Normal

SM = standard method

U = analyte not detected

GMP 2021-04 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, 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)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method SM 4500-NO3 F (mg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Specific conductance by Method EPA 120.1 (µS/cm)
MW-57-185	MW-57-185-Q221	N	LF		GW	4/30/2021	< 0.10 U	4.2	4.3	1.1	83	0.25	< 0.50 U	17000
MW-58BR	MW-905-Q221	FD		MW-58BR-Q221	GW	5/17/2021	< 0.10 U	2.3	2.2	280	27	0.95 J	1.7	7400
MW-58BR	MW-58BR-Q221	N	LF		GW	5/17/2021	< 0.10 U	2.7	2.8	310	28	0.46 J	1.7	7400
MW-59-100	MW-59-100-Q221	N	LF		GW	6/7/2021	< 0.10 UJ	1800	1900	2 J	11	1.8	2	13000
MW-60-125	MW-60-125-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	390	390	3	16	3.9	6.5	8400
MW-60BR-245	MW-60BR-245-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	9.4	8.9	< 0.50 U	64	0.21	2.5	18000
MW-61-110	MW-61-110-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	160	150	300	23	0.38	0.83	16000
MW-62-065	MW-62-065-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	670	640	1.1	12	4.6	4.1	6500
MW-62-110	MW-62-110-Q221	N	3V		GW	6/8/2021	< 0.10 UJ	< 1.0 U	< 1.0 U	160 J	64	0.1	< 0.50 U	13000
MW-62-190	MW-62-190-Q221	N	3V		GW	6/8/2021	< 0.10 UJ	< 1.0 U	< 1.0 U	710 J	46	0.11	< 0.50 U	18000
MW-63-065	MW-63-065-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	1.2	3.3	28	17	1.3	0.99	7100
MW-64BR	MW-64BR-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	< 1.0 U	< 1.0 U	960	61	< 0.050 U	< 0.50 U	14000
MW-65-160	MW-65-160-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	270	260	< 0.50 U	26	15	10	4500
MW-65-225	MW-65-225-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	460	430	0.7	22	8.3	6.7	7600
MW-69-195	MW-907-Q221	FD		MW-69-195-Q221	GW	5/27/2021	0.73 J	610	630	1.3	64	18	12	3200
MW-69-195	MW-69-195-Q221	N	LF		GW	5/27/2021	0.61 J	610	650	1.4	66	16	12	3200
MW-70-105	MW-70-105-Q221	N	LF		GW	5/17/2021	2.7	150	140	35	86	3.3	3.3	3200
MW-70BR-225	MW-70BR-225-Q221	N	LF		GW	5/17/2021	< 0.10 U	1200	1200	14	21	3.2	2.3	12000
MW-71-035	MW-71-035-Q221	N	LF		GW	5/26/2021	< 0.10 UJ	< 1.0 U	< 1.0 U	200	15	< 0.050 U	< 0.50 U	17000
MW-72-080	MW-72-080-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	66	62	50	81	0.85	1.3	16000
MW-72BR-200	MW-908-Q221	FD		MW-72BR-200-Q221	GW	5/27/2021	3.8 J	< 1.0 U	< 1.0 U	130	77	< 0.050 U	< 0.50 U	16000
MW-72BR-200	MW-72BR-200-Q221	N	LF		GW	5/27/2021	1.3 J	< 1.0 U	< 1.0 U	130	75	< 0.050 U	< 0.50 U	16000
MW-73-080	MW-909-Q221	FD		MW-73-080-Q221	GW	5/27/2021	< 0.10 UJ	25	23	10	35	3.5	3.8	10000
MW-73-080	MW-73-080-Q221	N	LF		GW	5/27/2021	< 0.10 UJ	24	23	9.1	35	3	3.8	10000
MW-74-240	MW-910-Q221	FD		MW-74-240-Q221	GW	6/7/2021	6.8 J	< 0.20 U	< 1.0 U	5.5 J	43	0.085	< 0.50 U	710
MW-74-240	MW-74-240-Q221	N	LF		GW	6/7/2021	6.6 J	< 0.20 U	< 1.0 U	5.5 J	44	0.064	< 0.50 U	710
TW-04	TW-04-Q221	N	LF		GW	6/7/2021	--	7.9	7.4	6.3 J	28	--	< 0.50 U	18000
TW-05	TW-05-Q221	N	LF		GW	5/28/2021	--	12	12	--	32	--	0.77	12000

Notes:

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N = Normal

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U = analyte not detected

Preliminary Hydro 6 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	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)	Cadmium, dissolved by Method SW 6020A (µg/L)	Calcium, dissolved by Method SW 6020A (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 6020A (µg/L)
MW-54-085	MW-54-085-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	56.9	< 10.0 U	< 10.0 U	125	2860	< 1.0 U	< 10.0 U
MW-54-140	MW-54-140-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	43	< 10.0 U	< 10.0 U	154	4740	< 1.0 U	< 10.0 U
MW-54-195	MW-54-195-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	38	< 10.0 U	< 10.0 U	127	7090	< 1.0 U	< 10.0 U
MW-55-045	MW-55-045-Q221	N	GW	6/9/2021	< 1.0 U	8.17	524	< 1.0 U	< 1.0 U	31.8	274	< 0.20 U	< 1.0 U
MW-55-120	MW-55-120-Q221	N	GW	6/9/2021	< 10.0 U	< 10.0 U	41.4	< 10.0 U	< 10.0 U	64.6	2170	7.47	< 10.0 U
MW-56D	MW-56D-Q221	N	GW	6/9/2021	< 10.0 U	< 10.0 U	40.6	< 10.0 U	< 10.0 U	421	7880	< 1.0 U	< 10.0 U
MW-56M	MW-56M-Q221	N	GW	6/9/2021	< 10.0 U	< 10.0 U	48.9	< 10.0 U	< 10.0 U	374	5060	< 1.0 U	< 10.0 U
MW-56M	MW-914-Q221	N	GW	6/9/2021	< 10.0 U	< 10.0 U	48.3	< 10.0 U	< 10.0 U	382	4950	< 1.0 U	< 10.0 U
MW-56S	MW-56S-Q221	N	GW	6/9/2021	< 10.0 U	< 10.0 U	68.2	< 10.0 U	< 10.0 U	148	1590	< 0.20 U	< 10.0 U
MW-91-045	MW-91-045-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	96	< 10.0 U	< 10.0 U	42	391	< 0.20 U	< 10.0 U
MW-91-120	MW-91-120-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	31.5	< 10.0 U	< 10.0 U	203	3180	< 1.0 U	< 10.0 U
MW-91-170	MW-91-170-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	51.9	< 10.0 U	< 10.0 U	161	3970	< 1.0 U	< 10.0 U
MW-91-320	MW-91-320-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	69.1	< 10.0 U	< 10.0 U	421	11900	< 2.0 U	< 10.0 U
MW-92-037	MW-92-037-Q221	N	GW	6/8/2021	< 10.0 U	13.7	75.9	< 10.0 U	< 10.0 U	18.8	494	< 0.20 U	< 10.0 U
MW-92-072	MW-92-072-Q221	N	GW	6/8/2021	< 10.0 U	17.6	63.3	< 10.0 U	< 10.0 U	19.5	615	< 0.20 U	< 10.0 U
MW-92-102	MW-92-102-Q221	N	GW	6/8/2021	< 10.0 U	11.6	74.7	< 10.0 U	< 10.0 U	22.2	1060	< 0.20 U	< 10.0 U
MW-92-102	MW-926-Q221	N	GW	6/8/2021	< 10.0 U	11.1	76.2	< 10.0 U	< 10.0 U	22	1080	< 0.20 U	< 10.0 U
MW-92-122	MW-92-122-Q221	N	GW	6/8/2021	< 10.0 U	< 10.0 U	98.1	< 10.0 U	< 10.0 U	80	5100	< 1.0 U	< 10.0 U
MW-94-030	MW-94-030-Q221	N	GW	6/10/2021	< 1.0 U	4.71	51.7	< 1.0 U	< 1.0 U	48.6 E	290	18.6	20
MW-94-100	MW-94-100-Q221	N	GW	6/10/2021	< 1.0 U	11.1	82.9	< 1.0 U	< 1.0 U	42.2	380	7.81	8.89
MW-94-175	MW-94-175-Q221	N	GW	6/10/2021	< 1.0 U	11.1	96.3	< 1.0 U	< 1.0 U	23.8	231	14.1	15

Notes:

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Preliminary Hydro 6 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Cobalt, dissolved by Method SW 6020A (µg/L)	Copper, dissolved by Method SW 6020A (µg/L)	Deuterium by Method CFIRM (0/00)	Fluoride by Method EPA 300.0 (mg/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)
MW-54-085	MW-54-085-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-78.1	3	< 10.0 U	63.8	537	< 0.50 U	47.8
MW-54-140	MW-54-140-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-79.9	2.57	< 10.0 U	18.1	< 100 U	< 0.50 U	44.3
MW-54-195	MW-54-195-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-80.5	4.29	< 10.0 U	4.78	282	< 0.50 U	109
MW-55-045	MW-55-045-Q221	N	GW	6/9/2021	< 1.0 U	< 2.0 U	-73.6	6.01	< 1.0 U	7.89	1000	< 0.50 U	40.4
MW-55-120	MW-55-120-Q221	N	GW	6/9/2021	< 10.0 U	< 20.0 U	-76.4	4.93	< 10.0 U	1.43	< 100 U	< 0.50 U	36.4
MW-56D	MW-56D-Q221	N	GW	6/9/2021	< 10.0 U	< 20.0 U	-79.2	1.83	< 10.0 U	85.3	809	< 0.50 U	37.1
MW-56M	MW-56M-Q221	N	GW	6/9/2021	< 10.0 U	< 20.0 U	-85.3	0.96	< 10.0 U	99.3	657	< 0.50 U	< 20.0 U
MW-56M	MW-914-Q221	N	GW	6/9/2021	< 10.0 U	< 20.0 U	-84.8	1.02	< 10.0 U	99.8	689	< 0.50 U	< 20.0 U
MW-56S	MW-56S-Q221	N	GW	6/9/2021	< 10.0 U	< 20.0 U	-74.1	4.68	< 10.0 U	60.3	823	< 0.50 U	28.6
MW-91-045	MW-91-045-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-73.6	2.81	< 10.0 U	13.5	< 100 U	< 0.50 U	< 20.0 U
MW-91-120	MW-91-120-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-86.6	1.41	< 10.0 U	82.8	1130	< 0.50 U	< 20.0 U
MW-91-170	MW-91-170-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-77.6	2.84	< 10.0 U	6.72	261	< 0.50 U	80.5
MW-91-320	MW-91-320-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-78.1	2.28	< 10.0 U	24.1	1890	< 0.50 U	41.4
MW-92-037	MW-92-037-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-73.7	6.18	< 10.0 U	2.8	< 100 U	< 0.50 U	< 20.0 U
MW-92-072	MW-92-072-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-74.5	4.41	< 10.0 U	1.54	< 100 U	< 0.50 U	< 20.0 U
MW-92-102	MW-92-102-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-74.4	5.09	< 10.0 U	1.53	< 100 U	< 0.50 U	38.1
MW-92-102	MW-926-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-75.2	5	< 10.0 U	1.55	< 100 U	< 0.50 U	37.4
MW-92-122	MW-92-122-Q221	N	GW	6/8/2021	< 10.0 U	< 20.0 U	-76.3	5.18	< 10.0 U	4.76	188	< 0.50 U	174
MW-94-030	MW-94-030-Q221	N	GW	6/10/2021	< 1.0 U	< 2.0 U	-72.3	3.97	< 1.0 U	10.8	< 10 U	< 0.500 U	13.4
MW-94-100	MW-94-100-Q221	N	GW	6/10/2021	< 1.0 U	< 2.0 U	-73.7	3.41	< 1.0 U	6.22	< 10 U	< 0.500 U	19.7
MW-94-175	MW-94-175-Q221	N	GW	6/10/2021	< 1.0 U	< 2.0 U	-73.8	3.91	< 1.0 U	1.52	< 10 U	< 0.500 U	10.4

Notes:

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N = Normal

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Preliminary Hydro 6 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Nickel, dissolved by Method SW 6020A (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Oxygen 18 by Method CFIRM (0/00)	Potassium, dissolved by Method SW 6020A (mg/L)	Selenium, dissolved by Method SW 6020A (µg/L)	Silver, dissolved by Method SW 6020A (µg/L)	Sodium, dissolved by Method SW 6020A (mg/L)	Specific conductance by Method EPA 120.1 (UMHOS/CM)	Sulfate by Method EPA 300.0 (mg/L)
MW-54-085	MW-54-085-Q221	N	GW	6/8/2021	< 10.0 U	< 0.20 U	-10.53	11	< 10.0 U	< 10.0 U	1670	7640	439
MW-54-140	MW-54-140-Q221	N	GW	6/8/2021	< 10.0 U	0.646	-10.73	20.9	< 10.0 U	< 10.0 U	2770	12800	565
MW-54-195	MW-54-195-Q221	N	GW	6/8/2021	< 10.0 U	< 0.50 U	-10.66	33.4	< 10.0 U	< 10.0 U	4420	21200	884
MW-55-045	MW-55-045-Q221	N	GW	6/9/2021	< 1.0 U	< 0.10 U	-9.93	4.19	< 1.0 U	< 1.0 U	231	1350	84.4
MW-55-120	MW-55-120-Q221	N	GW	6/9/2021	< 10.0 U	1.28	-10.11	18	< 10.0 U	< 10.0 U	1410	7240	245
MW-56D	MW-56D-Q221	N	GW	6/9/2021	< 10.0 U	< 0.50 U	-10.51	37.9	< 10.0 U	< 10.0 U	4860	20300	1340
MW-56M	MW-56M-Q221	N	GW	6/9/2021	< 10.0 U	< 0.20 U	-11.05	20.3	< 10.0 U	< 10.0 U	2920	13400	876
MW-56M	MW-914-Q221	N	GW	6/9/2021	< 10.0 U	0.475	-11.04	20.5	< 10.0 U	< 10.0 U	2900	13300	945
MW-56S	MW-56S-Q221	N	GW	6/9/2021	< 10.0 U	< 0.20 U	-9.54	10.8	< 10.0 U	< 10.0 U	1230	5860	650
MW-91-045	MW-91-045-Q221	N	GW	6/8/2021	< 10.0 U	< 0.10 U	-9.95	4.03	< 10.0 U	< 10.0 U	285	--	113
MW-91-120	MW-91-120-Q221	N	GW	6/8/2021	< 10.0 U	1.16	-11.38	11.2	< 10.0 U	< 10.0 U	1840	--	869
MW-91-170	MW-91-170-Q221	N	GW	6/8/2021	< 10.0 U	0.857	-10.13	13.2	< 10.0 U	< 10.0 U	2550	--	618
MW-91-320	MW-91-320-Q221	N	GW	6/8/2021	< 10.0 U	< 0.50 U	-10.48	61.5	< 10.0 U	< 10.0 U	7310	--	1870
MW-92-037	MW-92-037-Q221	N	GW	6/8/2021	< 10.0 U	< 0.10 U	-9.88	3.33	< 10.0 U	< 10.0 U	429	--	111
MW-92-072	MW-92-072-Q221	N	GW	6/8/2021	< 10.0 U	< 0.10 U	-9.94	8.45	< 10.0 U	< 10.0 U	456	--	106
MW-92-102	MW-92-102-Q221	N	GW	6/8/2021	< 10.0 U	0.238	-10.02	9.88	< 10.0 U	< 10.0 U	706	--	132
MW-92-102	MW-926-Q221	N	GW	6/8/2021	< 10.0 U	< 0.10 U	-10	9.89	< 10.0 U	< 10.0 U	695	--	133
MW-92-122	MW-92-122-Q221	N	GW	6/8/2021	< 10.0 U	< 0.20 U	-10.19	30.4	< 10.0 U	< 10.0 U	3270	--	412
MW-94-030	MW-94-030-Q221	N	GW	6/10/2021	< 1.0 U	3.23	-9.62	5.92	3.28	< 1.0 U	213	--	144
MW-94-100	MW-94-100-Q221	N	GW	6/10/2021	1.18	1.92	-9.76	6.51	< 1.0 U	< 1.0 U	262	--	99.4
MW-94-175	MW-94-175-Q221	N	GW	6/10/2021	1.11	2.46	-10.03	5.3	< 1.0 U	< 1.0 U	181	--	70.7

Notes:

Analyses were performed by EMAX Laboratory except Oxygen and Deuterium by met

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mg/L = milligrams per liter

N = Normal

SM = standard method

U = analyte not detected

Preliminary Hydro 6 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Thallium, dissolved by Method SW 6020A (µg/L)	Total dissolved solids by Method A2540C (mg/L)	Vanadium, dissolved by Method SW 6020A (µg/L)	Zinc, dissolved by Method SW 6020A (µg/L)
MW-54-085	MW-54-085-Q221	N	GW	6/8/2021	< 10.0 U	5640	< 10.0 U	< 200 U
MW-54-140	MW-54-140-Q221	N	GW	6/8/2021	< 10.0 U	6980	< 10.0 U	< 200 U
MW-54-195	MW-54-195-Q221	N	GW	6/8/2021	< 10.0 U	11400	< 10.0 U	< 200 U
MW-55-045	MW-55-045-Q221	N	GW	6/9/2021	< 1.0 U	689	1.19	< 20 U
MW-55-120	MW-55-120-Q221	N	GW	6/9/2021	< 10.0 U	3750	< 10.0 U	< 200 U
MW-56D	MW-56D-Q221	N	GW	6/9/2021	< 10.0 U	13300	< 10.0 U	< 200 U
MW-56M	MW-56M-Q221	N	GW	6/9/2021	< 10.0 U	9050	< 10.0 U	< 200 U
MW-56M	MW-914-Q221	N	GW	6/9/2021	< 10.0 U	8890	< 10.0 U	< 200 U
MW-56S	MW-56S-Q221	N	GW	6/9/2021	< 10.0 U	3840	< 10.0 U	< 200 U
MW-91-045	MW-91-045-Q221	N	GW	6/8/2021	< 10.0 U	986	< 10.0 U	< 200 U
MW-91-120	MW-91-120-Q221	N	GW	6/8/2021	< 10.0 U	4820	< 10.0 U	< 200 U
MW-91-170	MW-91-170-Q221	N	GW	6/8/2021	< 10.0 U	6660	< 10.0 U	< 200 U
MW-91-320	MW-91-320-Q221	N	GW	6/8/2021	< 10.0 U	17200	< 10.0 U	< 200 U
MW-92-037	MW-92-037-Q221	N	GW	6/8/2021	< 10.0 U	1310	< 10.0 U	< 200 U
MW-92-072	MW-92-072-Q221	N	GW	6/8/2021	< 10.0 U	1300	< 10.0 U	< 200 U
MW-92-102	MW-92-102-Q221	N	GW	6/8/2021	< 10.0 U	2090	< 10.0 U	< 200 U
MW-92-102	MW-92-102-Q221	N	GW	6/8/2021	< 10.0 U	2000	< 10.0 U	< 200 U
MW-92-122	MW-92-122-Q221	N	GW	6/8/2021	< 10.0 U	8720	< 10.0 U	< 200 U
MW-94-030	MW-94-030-Q221	N	GW	6/10/2021	< 1.0 U	865	14.2	< 20 U
MW-94-100	MW-94-100-Q221	N	GW	6/10/2021	< 1.0 U	897	14.9	< 20 U
MW-94-175	MW-94-175-Q221	N	GW	6/10/2021	< 1.0 U	586	16.2	< 20 U

Notes:

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N = Normal

SM = standard method

U = analyte not detected

PMP 2021-05 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)
TW-03D	TW-03D-0521	N	EP	GW	5/5/2021	160	200	2100	390	360	180 J	24	19

Notes:

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mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-05 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Nitrate/Nitrite as Nitrogen by Method SM 4500-NO3 F (mg/L)	pH by Method SM 4500-H+ B (PHUNITS)	Sodium, dissolved by Method EPA 200.7 (mg/L)	Specific conductance by Method EPA 120.1 (uS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
TW-03D	TW-03D-0521	N	EP	GW	5/5/2021	2.6	7.4	1400	7100	470	4400

Notes:

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N = Normal

SM = standard method

PMP 2021-06 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)
TW-03D	TW-03D-0621	N	EP	GW	6/2/2021	160	160 J	2000	390	370	< 20 U	26 J

Notes:

Analyses were performed by Asset Laboratory.

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µg/L = micrograms per liter

µS/cm = microsiemens per centimeter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

PMP 2021-06 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Manganese, dissolved by Method EPA 200.8 (µg/L)	Nitrate/Nitrite as Nitrogen by Method SM 4500-NO3 F (mg/L)	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-0621	N	EP	GW	6/2/2021	19	2.7	7.4	1600 J	74000	480	4300

Notes:

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EPA = Environmental Protection Agency

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mg/L = milligrams per liter

N = Normal

SM = standard method

RMP 2021-05 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Barium, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Chromium, Hexavalent by Method EPA 218.6 ($\mu\text{g/L}$)	Chromium, total dissolved by Method SW 6020 ($\mu\text{g/L}$)	Iron by Method SW 6010B ($\mu\text{g/L}$)	Iron, dissolved by Method SW 6010B ($\mu\text{g/L}$)
C-BNS	C-BNS-Q221	N	R		SURFACEWAT	5/19/2021	2.2	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-CON-D	C-CON-D-Q221	N	R		SURFACEWAT	5/20/2021	1.9	110	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-CON-S	C-CON-S-Q221	N	R		SURFACEWAT	5/20/2021	2.1	110	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-I-3-D	C-I-3-D-Q221	N	R		SURFACEWAT	5/19/2021	2.3	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-I-3-S	C-I-3-S-Q221	N	R		SURFACEWAT	5/19/2021	2	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-MAR-D	C-MAR-D-Q221	N	R		SURFACEWAT	5/20/2021	1.9	100	< 0.20 U	< 1.0 U	42 J	< 20 U
C-MAR-S	C-MAR-S-Q221	N	R		SURFACEWAT	5/20/2021	1.9	100	< 0.20 U	< 1.0 U	29 J	< 20 U
C-NR1-D	C-NR1-D-Q221	N	R		SURFACEWAT	5/20/2021	2	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-NR1-S	C-NR1-S-Q221	N	R		SURFACEWAT	5/20/2021	1.9	110	< 0.20 U	< 1.0 U	20 J	< 20 U
C-NR3-D	C-NR3-D-Q221	N	R		SURFACEWAT	5/20/2021	2.1	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-NR3-S	C-NR3-S-Q221	N	R		SURFACEWAT	5/20/2021	2.1	110	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-NR4-D	MW-912-Q221	FD		C-NR4-D-Q221	SURFACEWAT	5/20/2021	2.1	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-NR4-D	C-NR4-D-Q221	N	R		SURFACEWAT	5/20/2021	1.9	100	< 0.20 U	< 1.0 U	27 J	< 20 U
C-NR4-S	C-NR4-S-Q221	N	R		SURFACEWAT	5/20/2021	2.1	110	< 0.20 U	< 1.0 U	< 20 U	< 20 U
C-R22A-D	C-R22A-D-Q221	N	R		SURFACEWAT	5/19/2021	2	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-R22A-S	C-R22A-S-Q221	N	R		SURFACEWAT	5/19/2021	2	100	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-R27-D	C-R27-D-Q221	N	R		SURFACEWAT	5/19/2021	2.1	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-R27-S	C-R27-S-Q221	N	R		SURFACEWAT	5/19/2021	2.1	100	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-TAZ-D	C-TAZ-D-Q221	N	R		SURFACEWAT	5/19/2021	2	100	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
C-TAZ-S	C-TAZ-S-Q221	N	R		SURFACEWAT	5/19/2021	2	110	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
R-19	R-19-Q221	N	R		SURFACEWAT	5/20/2021	2	100	< 0.20 U	< 1.0 U	< 20 U	< 20 U
R-28	R-28-Q221	N	R		SURFACEWAT	5/19/2021	1.9	100	< 0.20 U	< 1.0 U	< 20 U	< 20 UJ
R63	MW-913-Q221	FD		R63-Q221	SURFACEWAT	5/19/2021	2.2	110	< 0.20 U	< 1.0 U	97 J	< 20 U
R63	R63-Q221	N	R		SURFACEWAT	5/19/2021	2.1	100	< 0.20 U	< 1.0 U	130 J	< 20 U
RRB	RRB-Q221	N	R		SURFACEWAT	5/20/2021	2.2	110	< 0.20 U	< 1.0 U	< 20 U	< 20 U
SW1	SW1-Q221	N	R		SURFACEWAT	5/19/2021	--	--	< 0.20 U	< 1.0 U	--	--
SW2	SW2-Q221	N	R		SURFACEWAT	5/19/2021	--	--	< 0.20 U	< 1.0 U	--	--

Notes:

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GW = groundwater

J = estimated value

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

RMP 2021-05 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	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 SM 4500-NO3 F (mg/L)	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)
C-BNS	C-BNS-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.4	0.36	8.1	1.4	860
C-CON-D	C-CON-D-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.3	0.46	8.1	1.3	880
C-CON-S	C-CON-S-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.4	0.39	8.1	1.3	880
C-I-3-D	C-I-3-D-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.5	0.37	8.1	1.4	860
C-I-3-S	C-I-3-S-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.4	0.41	8.1	1.5	860
C-MAR-D	C-MAR-D-Q221	N	R		SURFACEWAT	5/20/2021	1.4	4.4	0.42	8.1	1.3	880
C-MAR-S	C-MAR-S-Q221	N	R		SURFACEWAT	5/20/2021	3.4	4.4	0.38	8.1	1.4	880
C-NR1-D	C-NR1-D-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.3	0.39	8.1	1.1	890
C-NR1-S	C-NR1-S-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.4	0.41	8.1	1.4	890
C-NR3-D	C-NR3-D-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.4	0.57	8.1	1.4	890
C-NR3-S	C-NR3-S-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.5	0.42	8.1	1.3	880
C-NR4-D	MW-912-Q221	FD		C-NR4-D-Q221	SURFACEWAT	5/20/2021	< 0.50 U	4.3	0.38	8.1	1.2	880
C-NR4-D	C-NR4-D-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.4	0.42	8.1	1.3	880
C-NR4-S	C-NR4-S-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.5	0.39	8.1	1.3	870
C-R22A-D	C-R22A-D-Q221	N	R		SURFACEWAT	5/19/2021	0.88	4.7	0.39	8.1	1.5	850
C-R22A-S	C-R22A-S-Q221	N	R		SURFACEWAT	5/19/2021	1.7	4.5	0.4	8.1	1.5	850
C-R27-D	C-R27-D-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.4	0.38	8.1	1.3	850
C-R27-S	C-R27-S-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.4	0.43	8.1	1.4	850
C-TAZ-D	C-TAZ-D-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.4	0.54	8.1	1.4	840
C-TAZ-S	C-TAZ-S-Q221	N	R		SURFACEWAT	5/19/2021	< 0.50 U	4.3	0.38	8.2	1.5	850
R-19	R-19-Q221	N	R		SURFACEWAT	5/20/2021	< 0.50 U	4.3	0.42	8.2	1.3	880
R-28	R-28-Q221	N	R		SURFACEWAT	5/19/2021	0.85	4.3	0.36	8.1	1.4	850
R63	MW-913-Q221	FD		R63-Q221	SURFACEWAT	5/19/2021	3.6	4.7	0.35	8	1.4	850
R63	R63-Q221	N	R		SURFACEWAT	5/19/2021	3.6	4.4	0.37	8.1	1.3	860
RRB	RRB-Q221	N	R		SURFACEWAT	5/20/2021	16	4.4	0.32	7.5	1.2	890
SW1	SW1-Q221	N	R		SURFACEWAT	5/19/2021	--	--	--	7.2	--	940
SW2	SW2-Q221	N	R		SURFACEWAT	5/19/2021	--	--	--	7.2	--	910

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J = estimated value

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

RMP 2021-05 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total Suspended Solids (TSS) by Method SM 2540 D (mg/L)
C-BNS	C-BNS-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
C-CON-D	C-CON-D-Q221	N	R		SURFACEWAT	5/20/2021	5
C-CON-S	C-CON-S-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-I-3-D	C-I-3-D-Q221	N	R		SURFACEWAT	5/19/2021	5
C-I-3-S	C-I-3-S-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
C-MAR-D	C-MAR-D-Q221	N	R		SURFACEWAT	5/20/2021	7
C-MAR-S	C-MAR-S-Q221	N	R		SURFACEWAT	5/20/2021	8
C-NR1-D	C-NR1-D-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-NR1-S	C-NR1-S-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-NR3-D	C-NR3-D-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-NR3-S	C-NR3-S-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-NR4-D	MW-912-Q221	FD		C-NR4-D-Q221	SURFACEWAT	5/20/2021	< 5.0 U
C-NR4-D	C-NR4-D-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-NR4-S	C-NR4-S-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
C-R22A-D	C-R22A-D-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
C-R22A-S	C-R22A-S-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
C-R27-D	C-R27-D-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
C-R27-S	C-R27-S-Q221	N	R		SURFACEWAT	5/19/2021	5.5
C-TAZ-D	C-TAZ-D-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
C-TAZ-S	C-TAZ-S-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
R-19	R-19-Q221	N	R		SURFACEWAT	5/20/2021	< 5.0 U
R-28	R-28-Q221	N	R		SURFACEWAT	5/19/2021	< 5.0 U
R63	MW-913-Q221	FD		R63-Q221	SURFACEWAT	5/19/2021	12
R63	R63-Q221	N	R		SURFACEWAT	5/19/2021	7.5
RRB	RRB-Q221	N	R		SURFACEWAT	5/20/2021	5
SW1	SW1-Q221	N	R		SURFACEWAT	5/19/2021	--
SW2	SW2-Q221	N	R		SURFACEWAT	5/19/2021	--

Notes:

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GW = groundwater

J = estimated value

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO ₃ by Method SM 2320 B (mg/L)	Aluminum 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)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	200	650	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	51	< 250 U	< 250 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U
MW-97-042	MW-97-042-0421	FD		MW-97-042-0421	GW	4/26/2021	82	200	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.2
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	89	150	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.4
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	81	56	< 50 U	0.56	< 0.50 U	< 0.50 U	< 0.10 U
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	110	210	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	1.7
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	77	260	< 50 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.10 U
													< 0.10 U

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J = estimated value

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mg/L = milligrams per liter

N = Normal

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SM = standard method

U = analyte not detected

TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Barium by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	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)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	63	56	< 0.50 U	< 0.50 U	1500	1.4	< 5.0 U	< 0.50 U
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	62	63	< 0.50 U	< 0.50 U	1700	1.7	< 5.0 U	< 0.50 U
MW-97-042	MW-916-Q221	FD		MW-97-042-0421	GW	4/26/2021	100	95	< 0.50 U	< 0.50 U	550	0.51	< 2.5 U	< 0.50 U
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	100	96	< 0.50 U	< 0.50 U	480	0.46	< 2.5 U	< 0.50 U
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	140	130	< 0.50 U	< 0.50 U	1200	1.1	< 5.0 U	< 0.50 U
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	79	72	< 0.50 U	< 0.50 U	600	0.58	< 2.5 U	< 0.50 U
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	89	83	< 0.50 U	< 0.50 U	1500	1.5	< 5.0 U	< 0.50 U

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TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	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)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	< 0.50 U	160000	150	2400	< 0.20 U	25	< 1.0 U	1.2
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	< 0.50 U	580000	610	6100	< 1.0 U	15	< 1.0 U	< 0.50 U
MW-97-042	MW-97-042-0421	FD		MW-97-042-0421	GW	4/26/2021	< 0.50 U	170000	170	1100	1.4	4.1	1.8	< 0.50 U
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	< 0.50 U	170000	170	1100	1.4	3.6	1.6	< 0.50 U
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	< 0.50 U	650000	630	6500	< 1.0 U	2.3	< 1.0 U	< 0.50 U
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	< 0.50 U	130000	140	850	50	70	53	< 0.50 U
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	< 0.50 U	350000	350	3300	480	480	480	< 0.50 U

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TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Cobalt, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Copper by Method SW 6020 ($\mu\text{g/L}$)	Copper, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B ($\mu\text{g/L}$)	Iron, dissolved by Method SW 6010B ($\mu\text{g/L}$)	Lead by Method SW 6020 ($\mu\text{g/L}$)	Lead, dissolved by Method SW 6020 ($\mu\text{g/L}$)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	0.78	< 1.0 U	< 1.0 U	6.3	840	100	< 1.0 U	< 1.0 U
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	< 0.50 U	< 1.0 U	< 1.0 U	3.5	130	< 100 U	< 1.0 U	< 1.0 U
MW-97-042	MW-97-042-0421	FD		MW-97-042-0421	GW	4/26/2021	< 0.50 U	< 1.0 U	< 1.0 U	1.9	260	130	< 1.0 U	< 1.0 U
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	< 0.50 U	< 1.0 U	< 1.0 U	2	190	22	< 1.0 U	< 1.0 U
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	< 0.50 U	< 1.0 U	47 J	3.3	480	530	< 1.0 U	< 1.0 U
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	< 0.50 U	< 1.0 U	< 1.0 U	1.5	460	40	< 1.0 U	< 1.0 U
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	< 0.50 U	< 1.0 U	< 1.0 U	2.3	410	< 20 U	< 1.0 U	< 1.0 U

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SM = standard method

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TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	36000	34	1200	1200	< 0.20 U	< 0.20 U	80	79
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	61000	62	680	690	< 0.20 U	< 0.20 U	61	64
MW-97-042	MW-916-Q221	FD		MW-97-042-0421	GW	4/26/2021	29000	28	340	330	< 0.20 U	< 0.20 U	9.9	9.6
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	28000	31	340	330	< 0.20 U	< 0.20 U	9.8	9.9
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	92000	87	1500	1400	< 0.20 U	< 0.20 U	36	35
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	26000	25	100	94	< 0.20 U	< 0.20 U	16	16
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	9500	8.9	85	65	< 0.20 U	< 0.20 U	15	16

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TMP 2021-04 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 SM 4500-NO3 F (mg/L)	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)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	0.83	7.4	0.62	0.71	< 0.50 U	< 0.50 U
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	0.67	27	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
MW-97-042	MW-916-Q221	FD		MW-97-042-0421	GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	0.62	10	0.82	0.72	< 0.50 U	< 0.50 U
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	0.63	11	0.75	0.8	< 0.50 U	< 0.50 U
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	0.21	28	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	4.9	10	4.9	4.8	< 0.50 U	< 0.50 U
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	< 1.0 UJ	< 1.0 UJ	5.5	32	20	21	< 0.50 U	< 0.50 U

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TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sodium, dissolved by Method SW 6010B (mg/L)	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)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	1800	620	< 0.50 U	< 0.50 U	5200	< 1.0 U	8.8	7.2
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	4600	1200	< 0.50 U	< 0.50 U	12000 J	< 1.0 U	1.3	1.2
MW-97-042	MW-97-042-0421	FD		MW-97-042-0421	GW	4/26/2021	620	220	< 0.50 U	< 0.50 U	2200	< 1.0 U	1.5	1.1
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	620	220	< 0.50 U	< 0.50 U	2300	< 1.0 U	1.6	1.1
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	4200	990	< 0.50 U	< 0.50 U	12000	< 1.0 U	< 1.0 U	< 1.0 U
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	650	500	< 0.50 U	< 0.50 U	2200	< 10 U	4.4	3.6
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	2100	590	< 0.50 U	< 0.50 U	6800	< 1.0 U	4.9	4.2

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TMP 2021-04 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Zinc by Method SW 6020 ($\mu\text{g/L}$)	Zinc, dissolved by Method SW 6020 ($\mu\text{g/L}$)
MW-96-045	MW-96-045-0421	N	LF		GW	4/26/2021	< 10 UJ	< 10 UJ
MW-96-217	MW-96-217-0421	N	LF		GW	4/26/2021	< 10 UJ	< 10 UJ
MW-97-042	MW-916-Q221	FD		MW-97-042-0421	GW	4/26/2021	< 10 UJ	< 10 UJ
MW-97-042	MW-97-042-0421	N	LF		GW	4/26/2021	< 10 UJ	< 10 UJ
MW-97-202	MW-97-202-0421	N	LF		GW	4/26/2021	< 10 UJ	< 10 UJ
MW-98-055	MW-98-055-0421	N	LF		GW	4/26/2021	< 10 UJ	< 10 UJ
MW-98-077	MW-98-077-0421	N	LF		GW	4/26/2021	< 10 UJ	< 10 UJ

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N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preliminary TMP 2021-05 Baseline Sampling

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 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)
MW-87-275	MW-87-275-0521	N	LF		GW	5/20/2021	290	3400	1.1	2	1.2	< 0.50 U	< 0.50 U	< 1.0 U	2.5
MW-88-107	MW-88-107-0521	N	LF		GW	5/19/2021	95	420	120	120	110	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-89-183	MW-89-183-0521	N			GW	5/19/2021	400	2000	1	3.8	1.4	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-89-273	MW-89-273-0521	N	LF		GW	5/19/2021	150	2100	0.58	1.7	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	2.5
MW-90-031	MW-90-031-0521	N	LF		GW	5/25/2021	520	3400	< 1.0 U	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	3.2	2.4
MW-91-045	MW-91-045-0521	N	LF		GW	5/26/2021	37	350	< 0.20 U	2.3	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-91-120	MW-91-120-0521	N	LF		GW	5/26/2021	180	2600	< 0.20 U	8.9	< 1.0 U	1.5	0.87	1.7	< 1.0 U
MW-91-170	MW-91-170-0521	N	LF		GW	5/26/2021	130	3500	< 1.0 U	17	< 1.0 U	0.7	< 0.50 U	2.5	< 1.0 U
MW-91-320	MW-91-320-0521	N	LF		GW	5/26/2021	370	10000	< 1.0 U	4.4	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-92-037	MW-924-Q221	FD		MW-92-037-0521	GW	5/26/2021	19	460	0.49	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-92-037	MW-92-037-0521	N	LF		GW	5/26/2021	19	460	0.5	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-92-072	MW-92-072-0521	N	LF		GW	5/26/2021	16	570	< 0.20 U	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-92-102	MW-92-102-0521	N	LF		GW	5/26/2021	18	930	0.3	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-92-122	MW-92-122-0521	N	LF		GW	5/26/2021	60	4600	< 1.0 U	< 1.0 U	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-93-050	MW-93-050-0521	N	LF		GW	5/18/2021	120	1100	12 J	11	11	< 0.50 U	< 0.50 U	1.2	2.6
MW-93-213	MW-93-213-0521	N	LF		GW	5/18/2021	260	4200	< 1.0 U	2.8	< 1.0 U	< 0.50 U	< 0.50 U	1.3	1.6
MW-94-030	MW-94-030-0521	N	LF		GW	5/21/2021	56	280	22	24	21	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-94-100	MW-94-100-0521	N	LF		GW	5/21/2021	40	330	10	17	11	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-94-175	MW-94-175-0521	N	LF		GW	5/21/2021	23	200	15	17	16	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-95-113	MW-95-113-0521	N	LF		GW	5/19/2021	110	300	0.82	7.1	1.6	0.69	< 0.50 U	< 1.0 U	< 1.0 U
MW-95-157	MW-95-157-0521	N	LF		GW	5/19/2021	330	1500	9.9	11	9.3	< 0.50 U	< 0.50 U	< 1.0 U	1.6
MW-96-045	MW-96-045-0521	N	LF		GW	5/18/2021	150	2400	< 0.20 U	24	< 1.0 U	2	0.68	3.3	1.2
MW-96-217	MW-96-217-0521	N			GW	5/18/2021	670	6000	< 1.0 U	10	< 1.0 U	< 0.50 U	< 0.50 U	1.1	2.1
MW-97-042	MW-97-042-0521	N	LF		GW	5/17/2021	180	1100	3.1	8	3.4	< 0.50 U	< 0.50 U	1.6 J	< 1.0 U
MW-97-202	MW-97-202-0521	N	LF		GW	5/17/2021	590	6200	< 1.0 U	1.4	< 1.0 U	< 0.50 U	< 0.50 U	< 1.0 UJ	< 1.0 U
MW-98-055	MW-98-055-0521	N	LF		GW	5/20/2021	140	830	69	87	69	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U
MW-98-077	MW-98-077-0521	N	LF		GW	5/20/2021	390	3500	490	500	470	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U

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Preliminary TMP 2021-05 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	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)
MW-87-275	MW-87-275-0521	N	LF		GW	5/20/2021	4.6	20	< 20 U	< 1.0 U	< 1.0 U	21000	20	20	7.2
MW-88-107	MW-88-107-0521	N	LF		GW	5/19/2021	1.1	76	24	< 1.0 U	< 1.0 U	13000	12	4.9	0.66
MW-89-183	MW-89-183-0521	N			GW	5/19/2021	3.8	100	< 20 U	< 1.0 U	< 1.0 U	60000	59	13	< 0.50 U
MW-89-273	MW-89-273-0521	N	LF		GW	5/19/2021	5	45	< 20 U	< 1.0 U	< 1.0 U	8200	7.7	3.2	0.58
MW-90-031	MW-90-031-0521	N	LF		GW	5/25/2021	1.5	8000	8800	< 1.0 U	< 1.0 U	230000	250	280	260
MW-91-045	MW-91-045-0521	N	LF		GW	5/26/2021	3.5	490	< 20 U	< 1.0 U	< 1.0 U	11000	13	300	88
MW-91-120	MW-91-120-0521	N	LF		GW	5/26/2021	2.7	1100	< 20 U	< 1.0 U	< 1.0 U	76000	87	1400	1100
MW-91-170	MW-91-170-0521	N	LF		GW	5/26/2021	4.1	1600	41	< 1.0 U	< 1.0 U	6700	6.3	310	310
MW-91-320	MW-91-320-0521	N	LF		GW	5/26/2021	4.8	1900	2000	< 1.0 U	< 1.0 U	25000	28	2000	1700
MW-92-037	MW-924-Q221	FD		MW-92-037-0521	GW	5/26/2021	7.4	200	42	< 1.0 U	< 1.0 U	3100	3.2	60	57
MW-92-037	MW-92-037-0521	N	LF		GW	5/26/2021	7.5	150	45	< 1.0 U	< 1.0 U	2700	2.8	61	57
MW-92-072	MW-92-072-0521	N	LF		GW	5/26/2021	5.3	26	< 20 U	< 1.0 U	< 1.0 U	1400	1.5	15	14
MW-92-102	MW-92-102-0521	N	LF		GW	5/26/2021	6	50	58	< 1.0 U	< 1.0 U	1400	1.5	10	10
MW-92-122	MW-92-122-0521	N	LF		GW	5/26/2021	7.6	230	190	< 1.0 U	< 1.0 U	4400	4.5	210	170
MW-93-050	MW-93-050-0521	N	LF		GW	5/18/2021	3.1	240	< 20 U	< 1.0 U	< 1.0 U	33000	28	19	< 0.50 U
MW-93-213	MW-93-213-0521	N	LF		GW	5/18/2021	3.8	110	25	< 1.0 U	< 1.0 U	41000	40	370	330
MW-94-030	MW-94-030-0521	N	LF		GW	5/21/2021	4.1	120	< 20 U	< 1.0 U	< 1.0 U	13000	13	39	4.2
MW-94-100	MW-94-100-0521	N	LF		GW	5/21/2021	3.7	700	60	< 1.0 U	< 1.0 U	6900	5.8	14	1.8
MW-94-175	MW-94-175-0521	N	LF		GW	5/21/2021	4.3	160	22	< 1.0 U	< 1.0 U	1700	1.4	2	< 0.50 U
MW-95-113	MW-95-113-0521	N	LF		GW	5/19/2021	0.62	1000	180	1	< 1.0 U	27000	26	420	250
MW-95-157	MW-95-157-0521	N	LF		GW	5/19/2021	< 1.0 U	43	< 20 U	< 1.0 U	< 1.0 U	69000	65	20	8.5
MW-96-045	MW-96-045-0521	N	LF		GW	5/18/2021	6.2	3100	91	2.7	< 1.0 U	37000	31	1400	1200
MW-96-217	MW-96-217-0521	N			GW	5/18/2021	3.8	61	79	< 1.0 U	< 1.0 U	44000	42	650	610
MW-97-042	MW-97-042-0521	N	LF		GW	5/17/2021	1.9	560	38	< 1.0 U	< 1.0 U	31000	27	270	240
MW-97-202	MW-97-202-0521	N	LF		GW	5/17/2021	3.2	460	420	< 1.0 U	< 1.0 U	92000	83	1500	1400
MW-98-055	MW-98-055-0521	N	LF		GW	5/20/2021	1.7	190	< 20 U	< 1.0 U	< 1.0 U	24000	24	89	81
MW-98-077	MW-98-077-0521	N	LF		GW	5/20/2021	2.6	130	< 20 U	< 1.0 U	< 1.0 U	9700	9.5	70	39

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LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preliminary TMP 2021-05 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Mercury by Method EPA 7470A ($\mu\text{g/L}$)	Mercury, dissolved by Method EPA 7470A ($\mu\text{g/L}$)	Molybdenum by Method SW 6020 ($\mu\text{g/L}$)	Molybdenum, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Nickel by Method SW 6020 ($\mu\text{g/L}$)	Nickel, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Nitrate/Nitrite as Nitrogen by Method SM 4500-NO3 F (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium by Method SW 6020 ($\mu\text{g/L}$)
MW-87-275	MW-87-275-0521	N	LF		GW	5/20/2021	< 0.20 U	< 0.20 U	45	44	< 1.0 U	< 1.0 U	0.79	26	1
MW-88-107	MW-88-107-0521	N	LF		GW	5/19/2021	< 0.20 U	< 0.20 U	9.2	8.7	< 1.0 U	< 1.0 U	11	11	4.2
MW-89-183	MW-89-183-0521	N			GW	5/19/2021	< 0.20 U	< 0.20 U	10	9.7	< 5.0 U	< 5.0 U	2.9	16	3.2
MW-89-273	MW-89-273-0521	N	LF		GW	5/19/2021	< 0.20 U	< 0.20 U	37	34	< 1.0 U	< 1.0 U	2.8	17	3.9
MW-90-031	MW-90-031-0521	N	LF		GW	5/25/2021	< 0.20 U	< 0.20 U	16	16	< 1.0 U	< 1.0 U	< 0.050 U	23	< 0.50 U
MW-91-045	MW-91-045-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	9.7	9.2	< 1.0 U	< 1.0 U	0.19	4.3	< 0.50 U
MW-91-120	MW-91-120-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	23	23	< 1.0 U	< 1.0 U	1.2	14	< 0.50 U
MW-91-170	MW-91-170-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	100	110	< 1.0 U	< 1.0 U	0.78	16	0.7
MW-91-320	MW-91-320-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	49	46	< 1.0 U	< 1.0 U	< 0.050 U	76	< 0.50 U
MW-92-037	MW-924-Q221	FD		MW-92-037-0521	GW	5/26/2021	< 0.20 U	< 0.20 U	27	25	< 1.0 U	< 1.0 U	< 0.050 U	4.3	< 0.50 U
MW-92-037	MW-92-037-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	26	26	< 5.0 U	< 5.0 U	< 0.050 U	4.5	< 0.50 U
MW-92-072	MW-92-072-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	23	22	< 1.0 U	< 1.0 U	0.1	8.7	< 0.50 U
MW-92-102	MW-92-102-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	49	48	< 1.0 U	< 1.0 U	0.2	10	< 0.50 U
MW-92-122	MW-92-122-0521	N	LF		GW	5/26/2021	< 0.20 U	< 0.20 U	210	200	< 1.0 U	< 1.0 U	< 0.050 U	28	< 0.50 U
MW-93-050	MW-93-050-0521	N	LF		GW	5/18/2021	< 0.20 U	< 0.20 U	31	30	< 1.0 U	< 1.0 U	2.6	8.2	1.9
MW-93-213	MW-93-213-0521	N	LF		GW	5/18/2021	< 0.20 U	< 0.20 U	78	71	< 1.0 U	< 1.0 U	1.7	19	1.4
MW-94-030	MW-94-030-0521	N	LF		GW	5/21/2021	< 0.20 U	< 0.20 U	13	12	< 1.0 U	< 1.0 U	3.3	6.4	3.8
MW-94-100	MW-94-100-0521	N	LF		GW	5/21/2021	< 0.20 U	< 0.20 U	24	23	< 1.0 U	< 1.0 U	2.1	6.8	0.88
MW-94-175	MW-94-175-0521	N	LF		GW	5/21/2021	< 0.20 U	< 0.20 U	13	13	< 1.0 U	< 1.0 U	2.2	5.4	0.7
MW-95-113	MW-95-113-0521	N	LF		GW	5/19/2021	< 0.20 U	< 0.20 U	4.3	4.1	< 1.0 U	< 1.0 U	5.6	10	5.1
MW-95-157	MW-95-157-0521	N	LF		GW	5/19/2021	< 0.20 U	< 0.20 U	5.1	4.8	< 1.0 U	< 1.0 U	8.7	20	6.7
MW-96-045	MW-96-045-0521	N	LF		GW	5/18/2021	< 0.20 U	< 0.20 U	80	72	< 1.0 U	< 1.0 U	0.84	6.1	0.81
MW-96-217	MW-96-217-0521	N			GW	5/18/2021	< 0.20 U	< 0.20 U	66	62	< 1.0 U	< 1.0 U	0.72	26	< 0.50 U
MW-97-042	MW-97-042-0521	N	LF		GW	5/17/2021	< 0.20 U	< 0.20 UJ	10	9	< 5.0 U	< 5.0 U	0.99	9.3 J	1
MW-97-202	MW-97-202-0521	N	LF		GW	5/17/2021	< 0.20 U	< 0.20 UJ	37	34	< 1.0 U	< 1.0 U	0.32	24 J	< 0.50 U
MW-98-055	MW-98-055-0521	N	LF		GW	5/20/2021	< 0.20 U	< 0.20 U	16	15	< 1.0 U	< 1.0 U	4.5	12	4.4
MW-98-077	MW-98-077-0521	N	LF		GW	5/20/2021	< 0.20 U	< 0.20 U	15	14	< 1.0 U	< 1.0 U	4.6	40	23

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GW = groundwater

J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preliminary TMP 2021-05 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	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)
MW-87-275	MW-87-275-0521	N	LF		GW	5/20/2021	0.91	< 0.50 U	< 0.50 U	2100	460	< 0.50 U	< 0.50 U	7100	< 1.0 U
MW-88-107	MW-88-107-0521	N	LF		GW	5/19/2021	4.3	< 0.50 U	< 0.50 U	280	180	< 0.50 U	< 0.50 U	1200	< 1.0 U
MW-89-183	MW-89-183-0521	N	LF		GW	5/19/2021	3.1	< 0.50 U	< 0.50 U	1100	490	< 0.50 U	< 0.50 U	4400	< 1.0 U
MW-89-273	MW-89-273-0521	N	LF		GW	5/19/2021	3.6	< 0.50 U	< 0.50 U	1600	480	< 0.50 U	< 0.50 U	4200	< 1.0 U
MW-90-031	MW-90-031-0521	N	LF		GW	5/25/2021	< 0.50 U	< 0.50 U	< 0.50 U	2300	1500	< 0.50 U	< 0.50 U	8600	< 20 U
MW-91-045	MW-91-045-0521	N	LF		GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	290	100	< 0.50 U	< 0.50 U	890	< 1.0 U
MW-91-120	MW-91-120-0521	N	LF		GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	1900	850	< 0.50 U	< 0.50 U	5800	< 1.0 U
MW-91-170	MW-91-170-0521	N	LF		GW	5/26/2021	0.56	< 0.50 U	< 0.50 U	2400	590	< 0.50 U	< 0.50 U	7200	< 1.0 U
MW-91-320	MW-91-320-0521	N	LF		GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	8400	1700	< 0.50 U	< 0.50 U	19000	< 1.0 U
MW-92-037	MW-924-Q221	FD		MW-92-037-0521	GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	440	120	< 0.50 U	< 0.50 U	1300	< 1.0 U
MW-92-037	MW-92-037-0521	N	LF		GW	5/26/2021	< 2.5 U	< 0.50 U	< 0.50 U	480	120	< 0.50 U	< 0.50 U	1300	< 1.0 U
MW-92-072	MW-92-072-0521	N	LF		GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	450	98	< 0.50 U	< 0.50 U	1200	< 1.0 U
MW-92-102	MW-92-102-0521	N	LF		GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	710	130	< 0.50 U	< 0.50 U	1800	< 1.0 U
MW-92-122	MW-92-122-0521	N	LF		GW	5/26/2021	< 0.50 U	< 0.50 U	< 0.50 U	3200	390	< 0.50 U	< 0.50 U	8700	< 1.0 U
MW-93-050	MW-93-050-0521	N	LF		GW	5/18/2021	1.6	< 0.50 U	< 0.50 U	500	200	< 0.50 U	< 0.50 U	2400	< 1.0 U
MW-93-213	MW-93-213-0521	N	LF		GW	5/18/2021	1.3	< 0.50 U	< 0.50 U	3000	710	< 0.50 U	< 0.50 U	8800	< 1.0 U
MW-94-030	MW-94-030-0521	N	LF		GW	5/21/2021	3.3	< 0.50 U	< 0.50 U	210	140	< 0.50 U	< 0.50 U	810	< 1.0 U
MW-94-100	MW-94-100-0521	N	LF		GW	5/21/2021	0.65	< 0.50 U	< 0.50 U	250	90	< 0.50 U	< 0.50 U	800	< 1.0 U
MW-94-175	MW-94-175-0521	N	LF		GW	5/21/2021	0.79	< 0.50 U	< 0.50 U	180	58	< 0.50 U	< 0.50 U	550	< 1.0 U
MW-95-113	MW-95-113-0521	N	LF		GW	5/19/2021	5	< 0.50 U	< 0.50 U	160	150	< 0.50 U	< 0.50 U	850	< 1.0 U
MW-95-157	MW-95-157-0521	N	LF		GW	5/19/2021	6.7	< 0.50 U	< 0.50 U	650	300	< 0.50 U	< 0.50 U	3300	< 1.0 U
MW-96-045	MW-96-045-0521	N	LF		GW	5/18/2021	0.67	< 0.50 U	< 0.50 U	1700	610	< 0.50 U	< 0.50 U	5400	< 1.0 U
MW-96-217	MW-96-217-0521	N			GW	5/18/2021	< 0.50 U	< 0.50 U	< 0.50 U	4700	1200	< 0.50 U	< 0.50 U	12000	< 1.0 U
MW-97-042	MW-97-042-0521	N	LF		GW	5/17/2021	0.87	< 0.50 U	< 0.50 U	590 J	220	< 0.50 UJ	< 0.50 UJ	2400	< 10 U
MW-97-202	MW-97-202-0521	N	LF		GW	5/17/2021	< 0.50 U	< 0.50 U	< 0.50 U	4300 J	960	< 0.50 UJ	< 0.50 UJ	13000	< 1.0 U
MW-98-055	MW-98-055-0521	N	LF		GW	5/20/2021	4.9	< 0.50 U	< 0.50 U	610	490	< 0.50 U	< 0.50 U	2200	< 1.0 U
MW-98-077	MW-98-077-0521	N	LF		GW	5/20/2021	21	< 0.50 U	< 0.50 U	2100	640	< 0.50 U	< 0.50 U	7300	< 1.0 U

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mg/L = milligrams per liter

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SM = standard method

U = analyte not detected

Preliminary TMP 2021-05 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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-87-275	MW-87-275-0521	N	LF		GW	5/20/2021	4.6	4.6	< 10 U	< 10 U
MW-88-107	MW-88-107-0521	N	LF		GW	5/19/2021	12	11	< 10 U	< 10 U
MW-89-183	MW-89-183-0521	N			GW	5/19/2021	4.1	3.9	< 10 U	< 10 U
MW-89-273	MW-89-273-0521	N	LF		GW	5/19/2021	17	16	< 10 U	< 10 U
MW-90-031	MW-90-031-0521	N	LF		GW	5/25/2021	2.9	2.1	< 10 U	< 10 U
MW-91-045	MW-91-045-0521	N	LF		GW	5/26/2021	2.3	1.7	< 10 U	< 10 U
MW-91-120	MW-91-120-0521	N	LF		GW	5/26/2021	3.2	2.1	< 10 U	< 10 U
MW-91-170	MW-91-170-0521	N	LF		GW	5/26/2021	3.3	1.1	< 10 U	< 10 U
MW-91-320	MW-91-320-0521	N	LF		GW	5/26/2021	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-92-037	MW-924-Q221	FD		MW-92-037-0521	GW	5/26/2021	1.7	1.2	< 10 U	< 10 U
MW-92-037	MW-92-037-0521	N	LF		GW	5/26/2021	1.7	1.2	< 10 U	< 10 U
MW-92-072	MW-92-072-0521	N	LF		GW	5/26/2021	6.6	6.1	< 10 U	< 10 U
MW-92-102	MW-92-102-0521	N	LF		GW	5/26/2021	7.7	7.3	< 10 U	< 10 U
MW-92-122	MW-92-122-0521	N	LF		GW	5/26/2021	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-93-050	MW-93-050-0521	N	LF		GW	5/18/2021	3	2.8	< 10 U	< 10 U
MW-93-213	MW-93-213-0521	N	LF		GW	5/18/2021	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-94-030	MW-94-030-0521	N	LF		GW	5/21/2021	16	14	< 10 U	< 10 U
MW-94-100	MW-94-100-0521	N	LF		GW	5/21/2021	19	16	< 10 U	< 10 U
MW-94-175	MW-94-175-0521	N	LF		GW	5/21/2021	18	17	< 10 U	< 10 U
MW-95-113	MW-95-113-0521	N	LF		GW	5/19/2021	11	7	< 10 U	< 10 U
MW-95-157	MW-95-157-0521	N	LF		GW	5/19/2021	6.5	5.9	< 10 U	< 10 U
MW-96-045	MW-96-045-0521	N	LF		GW	5/18/2021	13	6.7	< 10 U	< 10 U
MW-96-217	MW-96-217-0521	N			GW	5/18/2021	1.1	< 1.0 U	< 10 U	< 10 U
MW-97-042	MW-97-042-0521	N	LF		GW	5/17/2021	2.2	1.3	< 10 U	< 10 U
MW-97-202	MW-97-202-0521	N	LF		GW	5/17/2021	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-98-055	MW-98-055-0521	N	LF		GW	5/20/2021	4.2	3.4	< 10 U	< 10 U
MW-98-077	MW-98-077-0521	N	LF		GW	5/20/2021	5.2	3.7	< 10 U	< 10 U

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J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preiminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO ₃ by Method SM 2320B (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)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	220	1200	< 50 U	< 0.20	< 0.50 U	< 0.50 U	4.4	3.5
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	51	< 250	< 250 U	< 0.20	< 0.50 U	< 0.50 U	1.9	1.8
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	92	< 50 U	< 50 U	< 0.20	< 0.50 U	< 0.50 U	2.6	3.1
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	79	< 250	< 250 U	0.29	< 0.50 U	< 0.50 U	9.2	8.3
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	100	220	< 50 U	< 0.20	< 0.50 U	< 0.50 U	3.4	3
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	110	240	< 50 U	< 0.20	< 0.50 U	< 0.50 U	3.5	3.2
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	73	260	< 50 U	< 0.20	< 0.50 U	< 0.50 U	4.9	4.6
TW-01	TW-01-0421	N			GW	6/10/2021	--	--	< 50 U	< 0.20 U	--	< 0.50 U	--	< 0.10 U

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J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preiminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Barium by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	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)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	84	52	< 0.50 U	< 0.50 U	1800	1.6	< 5.0 U	< 0.50 U
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	52	48	< 0.50 U	< 0.50 U	1500	1.2	< 5.0 U	< 2.5 U
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	83	82	< 0.50 U	< 0.50 U	700	0.58	< 2.5 U	< 2.5 U
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	130	120	< 0.50 U	< 0.50 U	1600	1.5	< 5.0 U	< 0.50 U
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	70	65	< 0.50 U	< 0.50 U	760	0.68	< 2.5 U	< 0.50 U
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	71	63	< 0.50 U	< 0.50 U	760	0.65	< 2.5 U	< 0.50 U
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	98	84	< 0.50 U	< 0.50 U	1800	1.7	< 5.0 U	< 2.5 U
TW-01	TW-01-0421	N			GW	6/10/2021	--	30	--	< 0.50 UJ	--	1.3 J	--	--

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J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preliminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium by Method SW 6010B (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Caprolactam by Method SW 8270C (µg/L)	Chloride by Method EPA 300.0 (mg/L)	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)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	< 0.50 U	210000	180	--	2500	< 0.20 U	8.2	< 1.0 U
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	< 0.50 U	580000	570	--	6000	< 1.0 U	32	< 1.0 U
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	< 0.50 U	180000	180	--	1100	2.1	2.8	2.4
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	< 0.50 U	620000	670	--	6200	< 1.0 U	1.3	< 1.0 U
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	< 0.50 U	140000	150	--	850	66	93	67
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	< 0.50 U	140000	140	--	850	66	98	67
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	< 0.50 U	430000	420	--	3600	540	530	510
TW-01	TW-01-0421	N			GW	6/10/2021	< 0.50 U	--	200	< 10 UJ	1600	1400	--	1500

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Preliminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Lead by Method SW 6020 (µg/L)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	1.6	0.65	1.8	< 1.0 U	5.8	1600	32	1.4
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	0.61	< 0.50 U	< 1.0 U	< 1.0 U	3.8	120	< 100 U	< 5.0 U
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	2.1	42	25	< 5.0 U
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	0.63	0.56	< 1.0 U	< 1.0 U	3.1	580	630	< 1.0 U
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	1.1	< 0.50 U	< 1.0 U	< 1.0 U	1.6	700	85	< 1.0 U
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	1.2	< 0.50 U	2.7	< 1.0 U	1.6	790	43	< 1.0 U
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	0.6	< 0.50 U	< 1.0 U	< 1.0 U	2.2	420	25	< 5.0 U
TW-01	TW-01-0421	N			GW	6/10/2021	--	< 0.50 U	--	< 1.0 U	2.6	--	< 20 U	--

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mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

Preliminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	< 1.0 U	46000	33	1300	1000	< 0.20 U	< 0.20 U	74
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	< 1.0 U	63000	53	530	480	< 0.20 U	< 0.20 U	59
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	< 1.0 U	33000	29	150	160	< 0.20 U	< 0.20 U	12
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	< 5.0 U	130000	120	1400	1300	< 0.20 U	< 0.20 U	32
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	< 1.0 U	34000	31	100	89	< 0.20 U	< 0.20 U	16
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	< 1.0 U	34000	29	110	87	< 0.20 U	< 0.20 U	16
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	< 1.0 U	13000	11	76	53	< 0.20 U	< 0.20 U	13
TW-01	TW-01-0421	N			GW	6/10/2021	< 1.0 U	--	17	--	< 0.50 U	--	< 0.20 UJ	--

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N = Normal

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SM = standard method

U = analyte not detected

Preliminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Molybdenum, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Nickel by Method SW 6020 ($\mu\text{g/L}$)	Nickel, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Nitrate/Nitrite as Nitrogen by Method SM 4500- NO3 F (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)	Selenium by Method SW 6020 ($\mu\text{g/L}$)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	78	7.3	2.5	0.84	--	--	7.3	0.6
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	57	17	1.2	0.84	--	--	33	< 0.50 U
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	13	< 1.0 U	< 1.0 U	0.36	--	--	11	< 0.50 U
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	31	< 1.0 U	1.8	0.15	--	--	38	< 0.50 U
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	16	5	2.7	5.1	--	--	13	5.3
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	15	4.7	2.6	4.7	--	--	12	4.7
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	13	4.9	1.7	5.2	--	--	43	19
TW-01	TW-01-0421	N			GW	6/10/2021	25	--	< 5.0 UJ	14	< 4.1 U	7.3	18 J	--

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N = Normal

SW = solid waste

SM = standard method

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Preliminary TMP 2021-06 Baseline Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Specific conductance by Method EPA 120.1 (µS/cm)	Sulfate by Method EPA 300.0 (mg/L)	Thallium by Method SW 6020 (µg/L)	Thallium, dissolved by Method SW 6020 (µg/L)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	0.6	< 0.50 U	< 0.50 U	2400	--	610	< 0.50 U	< 0.50 U
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	< 0.50 U	< 2.5 U	< 0.50 U	4900	--	1200	< 2.5 U	< 0.50 U
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	0.7	< 2.5 U	< 0.50 U	650	--	220	< 2.5 U	< 0.50 U
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	< 0.50 U	< 0.50 U	< 0.50 U	5600	--	950	< 0.50 U	< 2.5 U
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	4.4	< 0.50 U	< 0.50 U	770	--	490	< 0.50 U	< 0.50 U
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	4.9	< 0.50 U	< 0.50 U	700	--	500	< 0.50 U	< 0.50 U
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	20	< 2.5 U	< 0.50 U	3000	--	610	< 2.5 U	< 0.50 U
TW-01	TW-01-0421	N			GW	6/10/2021	10	--	< 0.50 U	1100	5600	550	--	< 0.50 U

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Preliminary TMP 2021-06 Baseline Sampling

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 by Method SW 6020 ($\mu\text{g}/\text{L}$)	Vanadium, dissolved by Method SW 6020 ($\mu\text{g}/\text{L}$)	Zinc by Method SW 6020 ($\mu\text{g}/\text{L}$)	Zinc, dissolved by Method SW 6020 ($\mu\text{g}/\text{L}$)
MW-96-045	MW-96-045-0621	N	LF		GW	6/9/2021	5000	< 1.0 U	--	11	7.6	< 10 U	< 10 U
MW-96-217	MW-96-217-0621	N	LF		GW	6/9/2021	12000	< 50 U	--	1.5	1.4	< 10 U	< 10 U
MW-97-042	MW-97-042-0621	N			GW	6/9/2021	2300	< 1.0 U	--	2	2.1	< 10 U	< 10 U
MW-97-202	MW-97-202-0621	N			GW	6/9/2021	12000	< 1.0 U	--	< 1.0 U	< 1.0 U	< 10 U	< 10 U
MW-98-055	MW-925-Q221	FD		MW-98-055-0621	GW	6/9/2021	2200	< 1.0 U	--	5	3.5	< 10 U	< 10 U
MW-98-055	MW-98-055-0621	N	LF		GW	6/9/2021	2200	< 1.0 U	--	5.5	3.6	< 10 U	< 10 U
MW-98-077	MW-98-077-0621	N	LF		GW	6/9/2021	7800	< 1.0 U	--	5.1	3.6	< 10 U	< 10 U
TW-01	TW-01-0421	N			GW	6/10/2021	3600	< 1.0 U	< 5.0 U	--	9.3	--	< 10 U

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TW-01 Extended Aquifer Test-M1 24 Hr

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Specific conductance by Method EPA 120.1 (uS/cm)	Total dissolved solids by Method SM 2540 C (mg/L)
TW-01	TW-01-061521	N	GW	6/15/2021	1400	1500	5700	3600
TW-01	TW-01-061621	N	GW	6/16/2021	1400	1500	5700	3500
TW-01	TW-01-061721	N	GW	6/17/2021	1400	1500	5700	3600
TW-01	TW-01-061821	N	GW	6/18/2021	1400	1500	5700	3600
TW-01	TW-01-061921	N	GW	6/19/2021	1500	1500	5400	3600
TW-01	TW-01-062021	N	GW	6/20/2021	1500	1500	5400	3600
TW-01	TW-01-062121	N	GW	6/21/2021	1400	1500	5200	3300

TW-01 Extended Aquifer Test-M1W1

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Aluminum, dissolved by Method SW 6010B ($\mu\text{g/L}$)	Ammonia as nitrogen by Method A4500NH3G (mg/L)	Antimony, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Arsenic, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Barium, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Beryllium, dissolved by Method SW 6020 ($\mu\text{g/L}$)	Boron, dissolved by Method SW 6010B (mg/L)	
MW-34-055	MW-34-055-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--	--
MW-34-080	MW-927-Q221	FD		MW-34-080-M1W1-0621	GW	6/30/2021	--	--	--	--	--	--	--	--
MW-34-080	MW-34-080-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--	--
MW-34-100	MW-34-100-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--	--
MW-36-020	MW-36-020-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-36-040	MW-36-040-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-36-050	MW-36-050-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-36-070	MW-36-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-36-090	MW-36-090-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-36-100	MW-36-100-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-44-070	MW-44-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-44-115	MW-44-115-M1W1-0621	N			GW	6/29/2021	--	--	--	--	--	--	--	--
MW-44-125	MW-44-125-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--	--
MW-46-175	MW-46-175-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--	--
MW-68-180	MW-68-180-M1-0621	N	LF		GW	6/28/2021	--	--	--	--	--	--	--	--
TW-01	TW-01-M1W1-0621	N			GW	6/28/2021	< 50 U	< 0.20 U	< 0.50 U	< 0.10 U	32	< 0.50 UJ	1.2	

Notes:

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J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

TW-01 Extended Aquifer Test-M1W1

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	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)
MW-34-055	MW-34-055-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	< 0.20 U	--	--	--
MW-34-080	MW-927-Q221	FD		MW-34-080-M1W1-0621	GW	6/30/2021	--	--	--	< 0.20 U	--	--	--
MW-34-080	MW-34-080-M1W1-0621	N			GW	6/30/2021	--	--	--	< 0.20 U	--	--	--
MW-34-100	MW-34-100-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	< 0.20 U	--	--	--
MW-36-020	MW-36-020-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-36-040	MW-36-040-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-36-050	MW-36-050-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-36-070	MW-36-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-36-090	MW-36-090-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-36-100	MW-36-100-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-44-070	MW-44-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-44-115	MW-44-115-M1W1-0621	N			GW	6/29/2021	--	--	--	< 1.0 U	--	--	--
MW-44-125	MW-44-125-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	< 0.20 U	--	--	--
MW-46-175	MW-46-175-M1W1-0621	N			GW	6/30/2021	--	--	--	6.5	--	--	--
MW-68-180	MW-68-180-M1-0621	N	LF		GW	6/28/2021	--	--	--	62000	--	--	--
TW-01	TW-01-M1W1-0621	N			GW	6/28/2021	< 0.50 U	200	1500	1500	1600	< 0.50 U	< 1.0 U

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GW = groundwater

J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

SM = standard method

U = analyte not detected

TW-01 Extended Aquifer Test-M1W1

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)
MW-34-055	MW-34-055-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--
MW-34-080	MW-927-Q221	FD		MW-34-080-M1W1-0621	GW	6/30/2021	--	--	--	--	--	--	--
MW-34-080	MW-34-080-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--
MW-34-100	MW-34-100-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--
MW-36-020	MW-36-020-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-040	MW-36-040-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-050	MW-36-050-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-070	MW-36-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-090	MW-36-090-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-100	MW-36-100-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-44-070	MW-44-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-44-115	MW-44-115-M1W1-0621	N			GW	6/29/2021	--	--	--	--	--	--	--
MW-44-125	MW-44-125-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-46-175	MW-46-175-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--
MW-68-180	MW-68-180-M1-0621	N	LF		GW	6/28/2021	--	--	--	--	--	--	--
TW-01	TW-01-M1W1-0621	N			GW	6/28/2021	3.5	23 J	< 1.0 U	20 J	< 0.50 U	< 0.20 U	34 J

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mg/L = milligrams per liter

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SW = solid waste

SM = standard method

U = analyte not detected

TW-01 Extended Aquifer Test-M1W1

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nickel, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method SM 4500 NO3 F (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)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--
MW-34-080	MW-927-Q221	FD		MW-34-080-M1W1-0621	GW	6/30/2021	--	--	--	--	--	--	--
MW-34-080	MW-34-080-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--
MW-34-100	MW-34-100-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--
MW-36-020	MW-36-020-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-040	MW-36-040-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-050	MW-36-050-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-070	MW-36-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-090	MW-36-090-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-100	MW-36-100-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-44-070	MW-44-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-44-115	MW-44-115-M1W1-0621	N			GW	6/29/2021	--	--	--	--	--	--	--
MW-44-125	MW-44-125-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-46-175	MW-46-175-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--
MW-68-180	MW-68-180-M1-0621	N	LF		GW	6/28/2021	--	--	--	--	--	--	--
TW-01	TW-01-M1W1-0621	N			GW	6/28/2021	< 5.0 UJ	14	< 4.0 U	7.3	17	10	< 0.50 U

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SM = standard method

U = analyte not detected

TW-01 Extended Aquifer Test-M1W1

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sodium, dissolved by Method SW 6010B (mg/L)	Specific conductance by Method EPA 120.1 (uS/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)
MW-34-055	MW-34-055-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--
MW-34-080	MW-927-Q221	FD		MW-34-080-M1W1-0621	GW	6/30/2021	--	--	--	--	--	--	--
MW-34-080	MW-34-080-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--
MW-34-100	MW-34-100-M1W1-0621	N	LF		GW	6/30/2021	--	--	--	--	--	--	--
MW-36-020	MW-36-020-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-040	MW-36-040-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-050	MW-36-050-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-070	MW-36-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-090	MW-36-090-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-36-100	MW-36-100-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-44-070	MW-44-070-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-44-115	MW-44-115-M1W1-0621	N			GW	6/29/2021	--	--	--	--	--	--	--
MW-44-125	MW-44-125-M1W1-0621	N	LF		GW	6/29/2021	--	--	--	--	--	--	--
MW-46-175	MW-46-175-M1W1-0621	N			GW	6/30/2021	--	--	--	--	--	--	--
MW-68-180	MW-68-180-M1-0621	N	LF		GW	6/28/2021	--	--	--	--	--	--	--
TW-01	TW-01-M1W1-0621	N			GW	6/28/2021	1100	5700	530	< 0.50 U	3600	< 10 U	< 5.0 U

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TW-01 Extended Aquifer Test-M1W1

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
MW-34-055	MW-34-055-M1W1-0621	N	LF		GW	6/30/2021	--	--
MW-34-080	MW-927-Q221	FD		MW-34-080-M1W1-0621	GW	6/30/2021	--	--
MW-34-080	MW-34-080-M1W1-0621	N			GW	6/30/2021	--	--
MW-34-100	MW-34-100-M1W1-0621	N	LF		GW	6/30/2021	--	--
MW-36-020	MW-36-020-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-36-040	MW-36-040-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-36-050	MW-36-050-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-36-070	MW-36-070-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-36-090	MW-36-090-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-36-100	MW-36-100-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-44-070	MW-44-070-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-44-115	MW-44-115-M1W1-0621	N			GW	6/29/2021	--	--
MW-44-125	MW-44-125-M1W1-0621	N	LF		GW	6/29/2021	--	--
MW-46-175	MW-46-175-M1W1-0621	N			GW	6/30/2021	--	--
MW-68-180	MW-68-180-M1-0621	N	LF		GW	6/28/2021	--	--
TW-01	TW-01-M1W1-0621	N			GW	6/28/2021	11	< 10 U

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