

Hyd6 2023-02 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, 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
HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	90.8	< 200 U	< 1.0 U	13.3	99.6
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	89.2	< 200 U	< 1.0 U	13.4	102
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	73.9	< 200 U	< 1.0 U	16.3	92.1
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	73.9	< 200 U	< 1.0 U	17.8	86.8
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	88.1	< 200 U	< 1.0 U	4.27	69.1
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	87.9	< 200 U	< 1.0 U	4.03	68.4
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	95.9	< 200 U	< 1.0 U	10.2	82.3
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	96.5	< 200 U	< 1.0 U	10.9	95.1
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	315	< 200 U	< 1.0 U	9.17	34.3
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	313	< 200 U	< 1.0 U	8.96	33.7
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	132	< 200 U	< 1.0 U	6.62	89.8
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	606	< 1000 U	< 5.0 U	16.1	53.5
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	511	< 1000 U	< 5.0 U	25.8	58.5
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	86.1	< 200 U	< 1.0 U	15.6	116
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	86.3	< 200 U	< 1.0 U	16.7	121
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	86.4	< 200 U	< 1.0 U	16.5	118
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	104	< 200 U	< 1.0 U	14.7	66.4
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	89.6	< 200 U	< 1.0 U	11.1	63

Notes:

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Beryllium, dissolved by method SW 6020A µg/L	Boron, dissolved by method SW 6020A mg/L	Cadmium, dissolved by method SW 6020A µg/L	Calcium by method SW 6020A µg/L	Calcium, dissolved by method SW 6020A mg/L
HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	< 1.0 U	0.538	< 1.0 U	--	26.2
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	< 1.0 U	0.535	< 1.0 U	--	27
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	< 1.0 U	0.766	< 1.0 U	--	93.1
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	< 1.0 U	0.788	< 1.0 U	--	95.7
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	< 1.0 U	0.601	< 1.0 U	--	61.1
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	< 1.0 U	0.599	< 1.0 U	--	61.3
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	< 1.0 U	0.536	< 1.0 U	--	44
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	< 1.0 U	0.431	< 1.0 U	--	23.2
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	< 1.0 U	1.17	< 1.0 U	--	55.6
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	< 1.0 U	1.13	< 1.0 U	--	56
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	< 1.0 U	0.668	< 1.0 U	--	47
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	< 5.0 U	2.24	< 5.0 U	--	91.1
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	< 5.0 U	2.23	< 5.0 U	--	192
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	< 1.0 U	0.333	< 1.0 U	--	34
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	< 1.0 U	0.336	< 1.0 U	--	34.6
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	< 1.0 U	0.343	< 1.0 U	--	34.5
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	< 1.0 U	0.407	< 1.0 U	24300	26
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	< 1.0 U	0.526	< 1.0 U	36400	36.9

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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	Cobalt, dissolved by method SW 6020A µg/L	Copper, dissolved by method SW 6020A µg/L
HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	520	13.9	16.5	< 1.0 U	< 2.0 U
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	536	14.6	16.7	< 1.0 U	< 2.0 U
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	613	6.1	7.9	< 1.0 U	< 2.0 U
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	607	10.7	12.2	< 1.0 U	< 2.0 U
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	303	22.3	25.3	< 1.0 U	< 2.0 U
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	300	22.6	25.4	< 1.0 U	< 2.0 U
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	378	8.81	9.76	< 1.0 U	< 2.0 U
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	208	14.6	16.7	< 1.0 U	< 2.0 U
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	421	< 0.20 U	< 1.0 U	< 1.0 U	< 2.0 U
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	419	< 0.20 U	< 1.0 U	< 1.0 U	< 2.0 U
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	408	0.572	< 1.0 U	< 1.0 U	< 2.0 U
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	2630	< 1.0 U	< 5.0 U	< 5.0 U	< 10 U
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	3270	< 0.20 U	< 5.0 U	< 5.0 U	< 10 U
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	303	26.1	29.2	< 1.0 U	< 2.0 U
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	309	29.9	36.7	< 1.0 U	< 2.0 U
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	308	30.6	36.3	< 1.0 U	< 2.0 U
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	208	13.7	17.8	< 1.0 U	< 2.0 U
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	347	5.58	6.74	< 1.0 U	< 2.0 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Deuterium by method CFIRM 0/00	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 by method SW 6020A µg/L
HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	-75.1	4.63	< 100 U	< 1.0 U	--
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	-74.2	4.67	< 100 U	< 1.0 U	--
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	-74.7	5.44	< 100 U	< 1.0 U	--
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	-75.4	5.48	< 100 U	< 1.0 U	--
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	-71.8	3.8	< 100 U	< 1.0 U	--
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	-70.9	3.8	< 100 U	< 1.0 U	--
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	-72.2	3.47	< 100 U	< 1.0 U	--
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	-73.1	3.92	< 100 U	< 1.0 U	--
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	-72.7	2.91	183	< 1.0 U	--
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	-72.3	2.89	178	< 1.0 U	--
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	-72.8	4.13	< 100 U	< 1.0 U	--
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	-78.1	3.34	4200	< 5.0 U	--
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	-77.3	2.52	5790	< 5.0 U	--
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	-76.2	4.37	< 100 U	< 1.0 U	--
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	-76.2	4.38	< 100 U	< 1.0 U	--
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	-76.6	4.39	< 100 U	< 1.0 U	--
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	-72.5	3.86	< 100 U	< 1.0 U	3920
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	-74.2	4.13	< 100 U	< 1.0 U	4750

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Magnesium, dissolved by method SW 6020A mg/L	Manganese, dissolved by method SW 6020A µg/L	Mercury, dissolved by method 7470A µg/L	Molybdenum, dissolved by method SW 6020A µg/L	Nickel, dissolved by method SW 6020A µg/L
HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	1.98	< 10 U	< 0.50 U	15.1	15.1
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	1.96	< 10 U	< 0.50 U	15.4	14.2
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	3.33	< 10 U	< 0.50 U	19.2	< 1.0 U
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	3.33	< 10 U	< 0.50 U	19.2	< 1.0 U
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	13.4	< 10 U	< 0.50 U	10.9	< 1.0 U
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	13.5	< 10 U	< 0.50 U	11	< 1.0 U
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	6.35	21.1	< 0.50 U	20.8	1.74
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	1.49	< 10 U	< 0.50 U	10.8	< 1.0 U
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	20.4	133	< 0.50 U	41.6	10
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	20.2	134	< 0.50 U	41.4	8.49
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	7.69	18	< 0.50 U	21.2	8.4
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	56.3	398	< 0.50 U	55.4	< 5.0 U
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	110	636	< 0.50 U	59.5	< 5.0 U
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	6.5	< 10 U	< 0.50 U	14	68.6
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	6.62	< 10 U	< 0.50 U	12.5	33.2
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	6.69	< 10 U	< 0.50 U	12.2	27.2
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	3.92	< 10 U	< 0.50 U	14.4	< 1.0 U
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	4.88	< 10 U	< 0.50 U	22.3	< 1.0 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Oxygen 18 by method CFIRM 0/00	Potassium by method SW 6020A µg/L	Potassium, dissolved by method SW 6020A mg/L	Selenium, dissolved by method SW 6020A µg/L
HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	2.31 J	-10.06	--	6.2	< 1.0 U
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	2.3 J	-10.08	--	6.33	< 1.0 U
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	1.73	-10.04	--	7.49	< 1.0 U
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	1.79	-10.02	--	7.5	< 1.0 U
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	3.39	-9.56	--	6.36	4.39
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	3.37	-9.52	--	6.4	4.44
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	1.83	-9.78	--	6.46	< 1.0 U
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	2.25	-10.03	--	5.11	< 1.0 U
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	0.1 R	-9.62	--	11.1 J	< 1.0 U
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	0.1 R	-9.6	--	11.1 J	< 1.0 U
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	2.41 J	-9.84	--	7.47 J	1.63
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	0.5 R	-9.97	--	9.26 J	< 5.0 U
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	0.5 R	-9.9	--	16 J	< 5.0 U
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	2.66 J	-10.23	--	5.32	1.11
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	2.64 J	-10.2	--	5.43	1.12
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	2.65 J	-10.21	--	5.36	1.12
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	2.66 J	-9.91	4,830	5.13	< 1.0 U
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	2.14 J	-9.83	6,820	6.21	< 1.0 U

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HNWR-01A-098	HNWR-01A-98-Q123	N	3V		GW	2/16/2023	< 1.0 U	--	385	81.6	< 1.0 U
HNWR-01A-174	HNWR-01A-174-Q123	N	3V		GW	2/16/2023	< 1.0 U	--	393	83.5	< 1.0 U
MTS-1	MTS-1-Q123	N	EP		GW	2/14/2023	< 1.0 U	--	378	129	< 1.0 U
MTS-2	MTS-2-Q123	N	EP		GW	2/14/2023	< 1.0 U	--	385	128	< 1.0 U
MW-94-030	MW-94-030-Q123	N	LF		GW	2/14/2023	< 1.0 U	--	220	151	< 1.0 U
MW-94-030	MW-901-Q123	FD		MW-94-030-Q123	GW	2/14/2023	< 1.0 U	--	223	159	< 1.0 U
MW-94-100	MW-94-100-Q123	N	LF		GW	2/14/2023	< 1.0 U	--	269	98.3	< 1.0 U
MW-94-175	MW-94-175-Q123	N	LF		GW	2/14/2023	< 1.0 U	--	181	58.1	< 1.0 U
MW-99-060	MW-99-060-Q123	N	LF		GW	2/15/2023	< 1.0 U	--	407	213	< 1.0 U
MW-99-060	MW-902-Q123	FD		MW-99-060-Q123	GW	2/15/2023	< 1.0 U	--	415	215	< 1.0 U
MW-99-140	MW-99-140-Q123	N	LF		GW	2/15/2023	< 1.0 U	--	302	128	< 1.0 U
PGE-09N	PGE-09N-Q123	N	3V		GW	2/15/2023	< 5.0 U	--	1530	670	< 5.0 U
PGE-09S	PGE-09S-Q123	N	3V		GW	2/15/2023	< 5.0 U	--	2210	822	< 5.0 U
Site B-165	SITE B-165-Q123	N	3V		GW	2/16/2023	< 1.0 U	--	224	76.1	< 1.0 U
Site B-220	SITE B-220-Q123	N	3V		GW	2/16/2023	< 1.0 U	--	227	75.8	< 1.0 U
Site B-285	SITE B-285-Q123	N	3V		GW	2/16/2023	< 1.0 U	--	229	77.4	< 1.0 U
TOPOCK-2	TOPOCK-2-Q123	N	EP		GW	3/8/2023	< 1.0 U	166,000	186	63.9	< 1.0 U
TOPOCK-3	TOPOCK-3-Q123	N	EP		GW	3/8/2023	< 1.0 U	242,000	243	85.9	< 1.0 U

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OMM 2023-Q1 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, Hexavalent by method EPA 218.6 µg/L	Chromium, total by method SW 6020 µg/L	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
RPWC_EFF	RPWC_EFF-011023	N	WATER	1/10/2023	1.8	22	< 20 U	290
RPWC_EFF	RPWC_EFF-011823	N	WATER	1/18/2023	< 0.40 U	71	1300	170
RPWC_EFF	RPWC_EFF-012523	N	WATER	1/25/2023	< 0.40 U	72	2100	1300
RPWC_EFF	RPWC_EFF-020123	N	WATER	2/1/2023	< 0.20 U	130	610	390
RPWC_EFF	RPWC_EFF-020823	N	WATER	2/8/2023	< 0.20 U	230	1000	600
RPWC_EFF	RPWC_EFF-021523	N	WATER	2/15/2023	< 0.20 U	120	990	600
RPWC_EFF	RPWC_EFF-022223	N	WATER	2/22/2023	6.7	40	240	58
RPWC_EFF	RPWC_EFF-030123	N	WATER	3/1/2023	< 0.20 U	110	98	320
RPWC_EFF	RPWC_EFF-030823	N	WATER	3/8/2023	< 0.20 U	130	3200	1600
RPWC_EFF	RPWC_EFF-20230314	N	WATER	3/14/2023	0.46	53	720	560
RPWC_EFF	RPWC_EFF-20230321	N	WATER	3/21/2023	8.1	28	< 20 U	53
RPWC_EFF	RPWC_EFF-20230328	N	WATER	3/28/2023	9.8	69	650	210
RPWC_INF	RPWC_INF-011023	N	WATER	1/10/2023	1.7	33	< 20 U	310
RPWC_INF	RPWC_INF-011823	N	WATER	1/18/2023	< 0.40 U	120	970	210
RPWC_INF	RPWC_INF-012523	N	WATER	1/25/2023	< 0.40 U	200	2100	1400
RPWC_INF	RPWC_INF-020123	N	WATER	2/1/2023	< 0.20 U	160	650	420
RPWC_INF	RPWC_INF-020823	N	WATER	2/8/2023	< 0.20 U	220	300	680
RPWC_INF	RPWC_INF-021523	N	WATER	2/15/2023	< 0.20 U	160	970	700
RPWC_INF	RPWC_INF-022223	N	WATER	2/22/2023	28	110	210	33
RPWC_INF	RPWC_INF-030123	N	WATER	3/1/2023	< 0.20 U	170	44	350
RPWC_INF	RPWC_INF-030823	N	WATER	3/8/2023	< 0.20 U	220	3200	1700
RPWC_INF	RPWC_INF-20230314	N	WATER	3/14/2023	0.47	3.2	1500	530
RPWC_INF	RPWC_INF-20230321	N	WATER	3/21/2023	18	32	45	67
RPWC_INF	RPWC_INF-20230328	N	WATER	3/28/2023	48	100	< 20 U	150
RPWC_MID	RPWC_MID-011023	N	WATER	1/10/2023	1.9	22	58	330
RPWC_MID	RPWC_MID-011823	N	WATER	1/18/2023	< 0.40 U	55	940	310
RPWC_MID	RPWC_MID-012523	N	WATER	1/25/2023	< 0.40 U	58	2100	1200

OMM 2023-Q1 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, Hexavalent by method EPA 218.6 µg/L	Chromium, total by method SW 6020 µg/L	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
RPWC_MID	RPWC_MID-020123	N	WATER	2/1/2023	< 1.0 U	2.9	1200	500
RPWC_MID	RPWC_MID-020823	N	WATER	2/8/2023	< 0.20 U	31	< 20 U	190
RPWC_MID	RPWC_MID-021523	N	WATER	2/15/2023	< 0.20 U	130	550	660
RPWC_MID	RPWC_MID-022223	N	WATER	2/22/2023	2.2	33	290	75
RPWC_MID	RPWC_MID-030123	N	WATER	3/1/2023	< 1.0 U	82	94	260
RPWC_MID	RPWC_MID-030823	N	WATER	3/8/2023	< 0.20 U	55	1600	1400
RPWC_MID	RPWC_MID-20230314	N	WATER	3/14/2023	0.59	49	670	750
RPWC_MID	RPWC_MID-20230321	N	WATER	3/21/2023	2.4	19	21	130
RPWC_MID	RPWC_MID-20230328	N	WATER	3/28/2023	0.66	79	330	240

Notes:

All samples were sent to Asset Laboratory for analyses.

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

mg/L = milligrams per liter

N = Normal

SW = solid waste

OMM 2023-Q2 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, Hexavalent by method EPA 218.6 µg/L	Chromium, total by method SW 6020 µg/L	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
RPWC_EFF	RPWC_EFF-20230404	N	WATER	4/4/2023	0.54	55	300	260
RPWC_EFF	RPWC_EFF-20230411	N	WATER	4/11/2023	0.38	51	130	170
RPWC_EFF	RPWC_EFF-20230425	N	WATER	4/25/2023	0.32	42	62	130
RPWC_EFF	RPWC_EFF-20230502	N	WATER	5/2/2023	0.33	94	110	92
RPWC_INF	RPWC_INF-20230404	N	WATER	4/4/2023	0.43	91	400	300
RPWC_INF	RPWC_INF-20230411	N	WATER	4/11/2023	0.45	98	150	160
RPWC_INF	RPWC_INF-20230425	N	WATER	4/25/2023	0.23	64	60	130
RPWC_INF	RPWC_INF-20230502	N	WATER	5/2/2023	0.58	78	42	80
RPWC_MID	RPWC_MID-20230404	N	WATER	4/4/2023	1.1	57	180	260
RPWC_MID	RPWC_MID-20230411	N	WATER	4/11/2023	0.63	56	82	170
RPWC_MID	RPWC_MID-20230425	N	WATER	4/25/2023	< 0.20 U	43	120	140
RPWC_MID	RPWC_MID-20230502	N	WATER	5/2/2023	0.4	2.9	1900	130

Notes:

All samples were sent to Asset Laboratory for analyses.

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

mg/L = milligrams per liter

N = Normal

SW = solid waste

PCM 2023-02 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Ammonia as nitrogen by method TIMBERLINE mg/L	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
IRZ-09-100	IRZ-09-100-Q123	N	EP	-	GW	2/14/2023	--	--	--	17	--	< 20 U	< 20 U
IRZ-13D-210	IRZ-13D-210-Q123	N	EP	-	GW	2/14/2023	--	--	--	350	--	< 20 U	< 20 U
IRZ-13S-095	IRZ-13S-095-Q123	N	EP	-	GW	2/14/2023	--	--	--	40	--	< 20 U	< 20 U
IRZ-15-055	IRZ-15-055-Q123	N	EP	-	GW	2/22/2023	--	< 0.10 U	43	27	25	--	< 20 U
IRZ-15-200	IRZ-15-200-Q123	N	EP	-	GW	2/22/2023	--	< 0.10 U	27	65	58	--	< 20 U
IRZ-21-065	IRZ-21-065-Q123	N	EP	-	GW	2/28/2023	< 0.20 U	< 0.10 U	71	1.6	2.8 J	--	< 20 U
IRZ-21-065	MW-910-Q123	FD	-	IRZ-21-065-Q123	GW	2/28/2023	< 0.20 U	< 0.10 U	69	1.2	1.8 J	--	< 20 U
IRZ-21-157	IRZ-21-157-Q123	N	EP	-	GW	2/28/2023	< 0.20 U	< 0.10 U	70	2.8	4.8 J	--	< 20 U
IRZ-23-143	IRZ-23-143-Q123	N	EP	-	GW	2/14/2023	--	--	--	650	--	39	< 20 U
IRZ-25-100	IRZ-25-100-Q123	N	EP	-	GW	2/28/2023	< 0.20 U	< 0.10 U	210	450	570 J	--	24 J
IRZ-25-100	MW-911-Q123	FD	-	IRZ-25-100-Q123	GW	2/28/2023	< 0.20 U	< 0.10 U	190	400	380 J	--	< 20 U
IRZ-25-166	IRZ-25-166-Q123	N	EP	-	GW	2/28/2023	< 0.20 U	< 0.10 U	170	430	420 J	--	43 J
MW-20-070	MW-20-070-Q123	N	LF	-	GW	2/10/2023	< 0.20 U	0.6	60	2000	2300	--	< 20 U
MW-20-100	MW-20-100-Q123	N	LF	-	GW	2/10/2023	< 0.20 U	0.87	31	1400	1400 J	--	< 20 U
MW-20-100	MW-912-Q123	FD	-	MW-20-100-Q123	GW	2/10/2023	< 0.20 U	0.81	32	1400	1700	--	< 20 U
MW-20-130	MW-20-130-Q123	N	LF	-	GW	2/10/2023	< 0.20 U	< 0.10 U	27	3200	3700	--	< 20 U
MW-21	MW-21-Q123	N	LF	-	GW	2/9/2023	< 0.20 U	7.2	22	0.21	2.8	--	280 J
MW-22	MW-22-Q123	N	LF	-	GW	2/22/2023	4.6	3.5	86	< 1.0 U	--	--	13000
MW-26	MW-26-Q123	N	LF	-	GW	2/9/2023	< 0.20 U	< 0.10 U	100	< 1.0 U	< 1.0 U	--	< 20 UJ
MW-26	MW-913-Q123	FD	-	MW-26-Q123	GW	2/9/2023	< 0.20 U	< 0.10 U	110	< 1.0 U	< 1.0 U	--	< 20 UJ
MW-27-020	MW-27-020-Q123	N	LF	-	GW	2/22/2023	--	0.91	55	< 0.20 U	--	--	< 20 U
MW-27-060	MW-27-060-Q123	N	LF	-	GW	2/22/2023	--	9.1	170	< 0.20 U	--	--	690
MW-27-085	MW-27-085-Q123	N	LF	-	GW	2/22/2023	--	< 0.10 U	45	< 1.0 U	--	--	240
MW-28-025	MW-28-025-Q123	N	LF	-	GW	2/17/2023	--	0.55	58	< 0.20 U	--	--	< 20 U
MW-28-090	MW-28-090-Q123	N	LF	-	GW	2/17/2023	--	< 0.10 U	47	< 0.20 U	--	--	770
MW-29	MW-29-Q123	N	LF	-	GW	2/21/2023	--	--	--	< 1.0 U	--	--	--
MW-30-030	MW-30-030-Q123	N	LF	-	GW	2/6/2023	--	< 0.10 UJ	330 J	< 1.0 U	--	--	870 J
MW-30-050	MW-30-050-Q123	N	LF	-	GW	2/6/2023	--	3.9 J	24 J	< 0.20 U	--	--	42 J
MW-31-060	MW-31-060-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	< 0.10 U	400	< 1.0 U	< 1.0 U	--	38 J
MW-31-135	MW-31-135-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	< 0.10 U	45	16	19	--	< 20 UJ
MW-31-135	MW-914-Q123	FD	-	MW-31-135-Q123	GW	2/8/2023	< 0.20 U	< 0.10 U	44	15	18	--	< 20 UJ
MW-32-020	MW-32-020-Q123	N	LF	-	GW	2/14/2023	--	2	96	< 1.0 U	--	--	6900 J
MW-32-035	MW-32-035-Q123	N	LF	-	GW	2/14/2023	--	5.3	360	< 1.0 U	--	--	26000 J
MW-33-040	MW-33-040-Q123	N	LF	-	GW	2/14/2023	--	--	--	< 1.0 U	--	--	--
MW-33-090	MW-33-090-Q123	N	LF	-	GW	2/14/2023	--	--	--	6.9	--	--	--
MW-33-150	MW-33-150-Q123	N	LF	-	GW	2/14/2023	--	--	--	14	--	--	--
MW-33-210	MW-33-210-Q123	N	LF	-	GW	2/14/2023	--	--	--	14	--	--	--
MW-34-055	MW-34-055-Q123	N	LF	-	GW	2/22/2023	--	3.5	28	0.23	--	--	< 20 U
MW-34-080	MW-34-080-Q123	N	LF	-	GW	2/8/2023	--	< 0.10 U	42	< 0.20 U	--	--	180 J
MW-34-100	MW-34-100-Q123	N	LF	-	GW	2/22/2023	--	< 0.10 U	18	< 1.0 U	--	--	22
MW-35-060	MW-35-060-Q123	N	LF	-	GW	2/23/2023	--	--	--	20	--	--	--
MW-35-135	MW-35-135-Q123	N	LF	-	GW	2/23/2023	--	--	--	28	--	--	--

PCM 2023-02 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 (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Nitrite as Nitrogen by method EPA 300.0 mg/L	Selenium, dissolved by method SW 6020 µg/L	Sulfate by method EPA 300.0 mg/L
IRZ-09-100	IRZ-09-100-Q123	N	EP	-	GW	2/14/2023	1.5	--	1.3	--	--	--	430
IRZ-13D-210	IRZ-13D-210-Q123	N	EP	-	GW	2/14/2023	< 0.50 U	--	1.4	--	--	--	860
IRZ-13S-095	IRZ-13S-095-Q123	N	EP	-	GW	2/14/2023	< 0.50 U	--	1.6	--	--	--	420
IRZ-15-055	IRZ-15-055-Q123	N	EP	-	GW	2/22/2023	2.3	24	< 0.50 U	--	< 5.0 U	< 0.50 U	410
IRZ-15-200	IRZ-15-200-Q123	N	EP	-	GW	2/22/2023	4.9	38	< 0.50 U	--	< 5.0 U	< 0.50 U	450
IRZ-21-065	IRZ-21-065-Q123	N	EP	-	GW	2/28/2023	66	20 J	< 0.25 U	--	< 2.5 U	< 0.50 U	350 J
IRZ-21-065	MW-910-Q123	FD	-	IRZ-21-065-Q123	GW	2/28/2023	65	19 J	< 0.25 U	--	< 2.5 U	< 0.50 U	350 J
IRZ-21-157	IRZ-21-157-Q123	N	EP	-	GW	2/28/2023	61	22 J	< 0.25 U	--	< 2.5 U	< 0.50 U	340 J
IRZ-23-143	IRZ-23-143-Q123	N	EP	-	GW	2/14/2023	< 0.50 U	--	3.4 J	--	--	--	470
IRZ-25-100	IRZ-25-100-Q123	N	EP	-	GW	2/28/2023	< 0.50 U	7.3 J	1.4	--	< 5.0 U	1.6	420 J
IRZ-25-100	MW-911-Q123	FD	-	IRZ-25-100-Q123	GW	2/28/2023	< 0.50 U	6.9 J	1.2	--	< 5.0 U	1.2	420 J
IRZ-25-166	IRZ-25-166-Q123	N	EP	-	GW	2/28/2023	< 0.50 U	7.6 J	1.2	--	< 5.0 U	1.5	430 J
MW-20-070	MW-20-070-Q123	N	LF	-	GW	2/10/2023	< 0.50 U	21 J	29	--	< 5.0 U	39 J	620
MW-20-100	MW-20-100-Q123	N	LF	-	GW	2/10/2023	< 0.50 U	3.7 J	5.2	--	< 5.0 U	8.3 J	290
MW-20-100	MW-912-Q123	FD	-	MW-20-100-Q123	GW	2/10/2023	< 0.50 U	3.7 J	4.9	--	< 5.0 U	8.4 J	300
MW-20-130	MW-20-130-Q123	N	LF	-	GW	2/10/2023	< 0.50 U	15 J	9.1	--	< 5.0 U	57 J	830
MW-21	MW-21-Q123	N	LF	-	GW	2/9/2023	130	100	< 0.25 U	--	< 2.5 U	0.99 J	1300
MW-22	MW-22-Q123	N	LF	-	GW	2/22/2023	3400	--	< 0.50 U	< 0.10 U	--	--	--
MW-26	MW-26-Q123	N	LF	-	GW	2/9/2023	530	4.5	< 0.50 U	--	< 5.0 U	< 0.50 U	330
MW-26	MW-913-Q123	FD	-	MW-26-Q123	GW	2/9/2023	520	4.7	< 0.50 U	--	< 5.0 U	< 0.50 U	330
MW-27-020	MW-27-020-Q123	N	LF	-	GW	2/22/2023	54	--	< 0.25 U	--	--	--	--
MW-27-060	MW-27-060-Q123	N	LF	-	GW	2/22/2023	400	--	< 0.25 U	< 0.10 U	--	--	--
MW-27-085	MW-27-085-Q123	N	LF	-	GW	2/22/2023	340	--	< 0.25 U	< 0.10 U	--	--	--
MW-28-025	MW-28-025-Q123	N	LF	-	GW	2/17/2023	1	--	< 0.050 U	--	--	--	--
MW-28-090	MW-28-090-Q123	N	LF	-	GW	2/17/2023	4.2	--	< 0.25 U	--	--	--	--
MW-29	MW-29-Q123	N	LF	-	GW	2/21/2023	--	--	--	--	--	--	--
MW-30-030	MW-30-030-Q123	N	LF	-	GW	2/6/2023	290	--	< 0.25 U	--	--	--	--
MW-30-050	MW-30-050-Q123	N	LF	-	GW	2/6/2023	300	--	< 0.25 U	--	--	--	190
MW-31-060	MW-31-060-Q123	N	LF	-	GW	2/8/2023	2400	0.57	< 0.50 U	--	< 5.0 U	< 0.50 U	460
MW-31-135	MW-31-135-Q123	N	LF	-	GW	2/8/2023	8.6 J	31	0.78	--	< 5.0 U	< 0.50 U	580
MW-31-135	MW-914-Q123	FD	-	MW-31-135-Q123	GW	2/8/2023	6.8 J	30	0.62	--	< 5.0 U	< 0.50 U	580
MW-32-020	MW-32-020-Q123	N	LF	-	GW	2/14/2023	300	--	< 0.50 U	--	--	--	--
MW-32-035	MW-32-035-Q123	N	LF	-	GW	2/14/2023	610	--	< 0.50 U	< 0.10 U	--	--	--
MW-33-040	MW-33-040-Q123	N	LF	-	GW	2/14/2023	--	--	--	--	--	--	--
MW-33-090	MW-33-090-Q123	N	LF	-	GW	2/14/2023	--	--	--	--	--	--	--
MW-33-150	MW-33-150-Q123	N	LF	-	GW	2/14/2023	--	--	--	--	--	--	--
MW-33-210	MW-33-210-Q123	N	LF	-	GW	2/14/2023	--	--	--	--	--	--	--
MW-34-055	MW-34-055-Q123	N	LF	-	GW	2/22/2023	18	--	0.38	0.35	--	--	--
MW-34-080	MW-34-080-Q123	N	LF	-	GW	2/8/2023	170	--	< 0.50 U	--	--	--	730
MW-34-100	MW-34-100-Q123	N	LF	-	GW	2/22/2023	71	--	< 0.25 U	< 0.10 U	--	--	--
MW-35-060	MW-35-060-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--
MW-35-135	MW-35-135-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--

PCM 2023-02 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by method SM 5310 B mg/L	Total organic carbon by method SM 5310 C mg/L
IRZ-09-100	IRZ-09-100-Q123	N	EP	-	GW	2/14/2023	< 1.0 U	< 1.0 U
IRZ-13D-210	IRZ-13D-210-Q123	N	EP	-	GW	2/14/2023	< 1.0 U	< 1.0 U
IRZ-13S-095	IRZ-13S-095-Q123	N	EP	-	GW	2/14/2023	< 1.0 U	< 1.0 U
IRZ-15-055	IRZ-15-055-Q123	N	EP	-	GW	2/22/2023	--	< 1.0 U
IRZ-15-200	IRZ-15-200-Q123	N	EP	-	GW	2/22/2023	--	< 1.0 U
IRZ-21-065	IRZ-21-065-Q123	N	EP	-	GW	2/28/2023	--	< 1.0 U
IRZ-21-065	MW-910-Q123	FD	-	IRZ-21-065-Q123	GW	2/28/2023	--	< 1.0 U
IRZ-21-157	IRZ-21-157-Q123	N	EP	-	GW	2/28/2023	--	< 1.0 U
IRZ-23-143	IRZ-23-143-Q123	N	EP	-	GW	2/14/2023	1.3	< 1.0 U
IRZ-25-100	IRZ-25-100-Q123	N	EP	-	GW	2/28/2023	--	< 1.0 U
IRZ-25-100	MW-911-Q123	FD	-	IRZ-25-100-Q123	GW	2/28/2023	--	< 1.0 U
IRZ-25-166	IRZ-25-166-Q123	N	EP	-	GW	2/28/2023	--	< 20 U
MW-20-070	MW-20-070-Q123	N	LF	-	GW	2/10/2023	1.3	< 1.0 U
MW-20-100	MW-20-100-Q123	N	LF	-	GW	2/10/2023	1	< 5.0 U
MW-20-100	MW-912-Q123	FD	-	MW-20-100-Q123	GW	2/10/2023	< 1.0 U	< 1.0 U
MW-20-130	MW-20-130-Q123	N	LF	-	GW	2/10/2023	1	< 1.0 U
MW-21	MW-21-Q123	N	LF	-	GW	2/9/2023	3.4	< 10 U
MW-22	MW-22-Q123	N	LF	-	GW	2/22/2023	--	< 1.0 U
MW-26	MW-26-Q123	N	LF	-	GW	2/9/2023	< 1.0 U	< 1.0 U
MW-26	MW-913-Q123	FD	-	MW-26-Q123	GW	2/9/2023	< 1.0 U	< 1.0 U
MW-27-020	MW-27-020-Q123	N	LF	-	GW	2/22/2023	--	1.1
MW-27-060	MW-27-060-Q123	N	LF	-	GW	2/22/2023	--	< 1.0 U
MW-27-085	MW-27-085-Q123	N	LF	-	GW	2/22/2023	--	< 1.0 U
MW-28-025	MW-28-025-Q123	N	LF	-	GW	2/17/2023	--	< 1.0 U
MW-28-090	MW-28-090-Q123	N	LF	-	GW	2/17/2023	--	< 1.0 U
MW-29	MW-29-Q123	N	LF	-	GW	2/21/2023	--	--
MW-30-030	MW-30-030-Q123	N	LF	-	GW	2/6/2023	--	3
MW-30-050	MW-30-050-Q123	N	LF	-	GW	2/6/2023	--	< 1.0 U
MW-31-060	MW-31-060-Q123	N	LF	-	GW	2/8/2023	2	< 1.0 U
MW-31-135	MW-31-135-Q123	N	LF	-	GW	2/8/2023	< 1.0 U	< 1.0 U
MW-31-135	MW-914-Q123	FD	-	MW-31-135-Q123	GW	2/8/2023	< 1.0 U	< 1.0 U
MW-32-020	MW-32-020-Q123	N	LF	-	GW	2/14/2023	--	6.9
MW-32-035	MW-32-035-Q123	N	LF	-	GW	2/14/2023	--	1.7
MW-33-040	MW-33-040-Q123	N	LF	-	GW	2/14/2023	--	--
MW-33-090	MW-33-090-Q123	N	LF	-	GW	2/14/2023	--	--
MW-33-150	MW-33-150-Q123	N	LF	-	GW	2/14/2023	--	--
MW-33-210	MW-33-210-Q123	N	LF	-	GW	2/14/2023	--	--
MW-34-055	MW-34-055-Q123	N	LF	-	GW	2/22/2023	--	< 1.0 U
MW-34-080	MW-34-080-Q123	N	LF	-	GW	2/8/2023	--	< 1.0 U
MW-34-100	MW-34-100-Q123	N	LF	-	GW	2/22/2023	--	< 1.0 U
MW-35-060	MW-35-060-Q123	N	LF	-	GW	2/23/2023	--	--
MW-35-135	MW-35-135-Q123	N	LF	-	GW	2/23/2023	--	--

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Ammonia as nitrogen by method TIMBERLINE mg/L	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
MW-36-020	MW-36-020-Q123	N	LF	-	GW	2/24/2023	--	0.57	83	< 0.20 U	--	--	560 J
MW-36-040	MW-36-040-Q123	N	LF	-	GW	2/24/2023	--	7	54	< 0.20 U	--	--	480 J
MW-36-050	MW-36-050-Q123	N	LF	-	GW	2/24/2023	--	5.8	33	< 0.20 U	--	--	180 J
MW-36-070	MW-36-070-Q123	N	LF	-	GW	2/24/2023	--	2.4	44	< 0.20 U	--	--	52 J
MW-36-090	MW-36-090-Q123	N	LF	-	GW	2/8/2023	--	1.3	57	< 0.20 U	--	--	46 J
MW-36-100	MW-36-100-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	3.6	72	< 0.20 U	--	--	760 J
MW-39-040	MW-39-040-Q123	N	LF	-	GW	2/6/2023	--	14 J	110 J	< 0.20 U	--	--	290 J
MW-39-050	MW-39-050-Q123	N	LF	-	GW	2/6/2023	--	1.8 J	56 J	< 0.20 U	--	--	24 J
MW-39-060	MW-39-060-Q123	N	LF	-	GW	2/6/2023	--	1.1 J	82 J	< 0.20 U	--	--	72 J
MW-39-070	MW-39-070-Q123	N	LF	-	GW	2/6/2023	--	0.96 J	53 J	< 0.20 U	--	--	< 20 UJ
MW-39-080	MW-39-080-Q123	N	LF	-	GW	2/6/2023	--	< 0.10 UJ	37 J	1.8	--	--	< 20 UJ
MW-39-100	MW-39-100-Q123	N	LF	-	GW	2/6/2023	--	< 0.10 UJ	36 J	170	--	--	< 20 UJ
MW-42-030	MW-42-030-Q123	N	LF	-	GW	2/16/2023	--	1.3	100	< 0.20 U	--	--	300
MW-42-055	MW-42-055-Q123	N	LF	-	GW	2/16/2023	--	14	160	< 0.20 U	--	--	260
MW-42-065	MW-42-065-Q123	N	LF	-	GW	2/16/2023	--	< 0.10 U	110	< 0.20 U	--	--	35
MW-43-025	MW-43-025-Q123	N	LF	-	GW	2/21/2023	--	20	89	< 0.20 U	--	--	3900 J
MW-43-075	MW-43-075-Q123	N	LF	-	GW	2/21/2023	--	5.4	62	< 1.0 U	--	--	2700 J
MW-43-090	MW-43-090-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	62	< 1.0 U	--	--	840 J
MW-44-070	MW-44-070-Q123	N	LF	-	GW	2/22/2023	--	2.4	41	< 0.20 U	--	--	720
MW-44-115	MW-44-115-Q123	N	LF	-	GW	2/8/2023	--	< 0.10 U	27	1.9	--	--	< 20 UJ
MW-44-125	MW-44-125-Q123	N	LF	-	GW	2/8/2023	--	< 0.10 U	54	< 1.0 U	--	--	310 J
MW-45-095A	MW-45-095A-Q123	N	LF	-	GW	2/8/2023	--	< 0.10 U	41	0.91	--	--	74 J
MW-46-175	MW-46-175-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	28	8.9	--	--	< 20 UJ
MW-46-205	MW-46-205-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	36	< 1.0 U	--	--	27 J
MW-47-055	MW-47-055-Q123	N	LF	-	GW	2/23/2023	--	--	--	17	--	--	--
MW-47-115	MW-47-115-Q123	N	LF	-	GW	2/23/2023	--	--	--	21	--	--	--
MW-49-135	MW-49-135-Q123	N	LF	-	GW	2/21/2023	--	--	--	< 1.0 U	--	--	--
MW-49-275	MW-49-275-Q123	N	LF	-	GW	2/21/2023	--	--	--	< 1.0 U	--	--	--
MW-49-365	MW-49-365-Q123	N	LF	-	GW	2/21/2023	--	--	--	< 1.0 U	--	--	--
MW-51	MW-51-Q123	N	LF	-	GW	2/9/2023	< 0.20 U	1.3	64	< 1.0 U	12	--	< 20 UJ
MW-52D	MW-52D-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	37	< 1.0 U	--	--	590 J
MW-52M	MW-52M-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	58	< 1.0 U	--	--	1300 J
MW-52S	MW-52S-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	460	< 1.0 U	--	--	21000 J
MW-53D	MW-53D-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	44	< 1.0 U	--	--	210 J
MW-53M	MW-53M-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	69	< 1.0 U	--	--	510 J
MW-53S	MW-53S-Q123	N	LF	-	GW	2/21/2023	--	< 0.10 U	190	< 0.20 U	--	--	5200 J
MW-71-035	MW-71-035-Q123	N	LF	-	GW	2/15/2023	< 0.20 U	< 0.10 U	46	< 1.0 U	< 1.0 U	--	190 J
MW-71-035	MW-915-Q123	FD	-	MW-71-035-Q123	GW	2/15/2023	< 0.20 U	< 0.10 U	48	< 1.0 U	< 1.0 U	--	300 J
MW-75-033	MW-75-033-Q123	N	LF	-	GW	2/13/2023	--	--	--	49	--	--	--
MW-75-117	MW-75-117-Q123	N	LF	-	GW	2/13/2023	--	--	--	18	--	--	--
MW-75-202	MW-75-202-Q123	N	LF	-	GW	2/13/2023	--	--	--	< 1.0 U	--	--	--
MW-75-267	MW-75-267-Q123	N	LF	-	GW	2/13/2023	--	--	--	< 1.0 U	--	--	--

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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	Molybdenum, dissolved by method SW 6020 µg/L	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Nitrite as Nitrogen by method EPA 300.0 mg/L	Selenium, dissolved by method SW 6020 µg/L	Sulfate by method EPA 300.0 mg/L
MW-36-020	MW-36-020-Q123	N	LF	-	GW	2/24/2023	170	--	< 0.050 U	--	--	--	--
MW-36-040	MW-36-040-Q123	N	LF	-	GW	2/24/2023	160	--	< 0.050 U	< 0.10 U	--	--	--
MW-36-050	MW-36-050-Q123	N	LF	-	GW	2/24/2023	230	--	< 0.050 U	--	--	--	--
MW-36-070	MW-36-070-Q123	N	LF	-	GW	2/24/2023	320	--	< 0.050 U	--	--	--	--
MW-36-090	MW-36-090-Q123	N	LF	-	GW	2/8/2023	170	--	< 0.50 U	--	--	--	330
MW-36-100	MW-36-100-Q123	N	LF	-	GW	2/8/2023	650	--	< 0.50 U	--	--	--	360
MW-39-040	MW-39-040-Q123	N	LF	-	GW	2/6/2023	140	--	< 0.25 U	--	--	--	110
MW-39-050	MW-39-050-Q123	N	LF	-	GW	2/6/2023	240	--	< 0.25 U	--	--	--	190
MW-39-060	MW-39-060-Q123	N	LF	-	GW	2/6/2023	380	--	< 0.25 U	--	--	--	240
MW-39-070	MW-39-070-Q123	N	LF	-	GW	2/6/2023	21	--	< 0.25 U	--	--	--	310
MW-39-080	MW-39-080-Q123	N	LF	-	GW	2/6/2023	8.6	--	< 0.25 U	--	--	--	530
MW-39-100	MW-39-100-Q123	N	LF	-	GW	2/6/2023	14	--	< 0.25 U	--	--	--	880
MW-42-030	MW-42-030-Q123	N	LF	-	GW	2/16/2023	75	--	< 0.050 U	< 0.10 U	--	--	--
MW-42-055	MW-42-055-Q123	N	LF	-	GW	2/16/2023	360	--	< 0.050 U	--	--	--	--
MW-42-065	MW-42-065-Q123	N	LF	-	GW	2/16/2023	2300	--	5.2	--	--	--	--
MW-43-025	MW-43-025-Q123	N	LF	-	GW	2/21/2023	470 J	--	< 0.50 U	--	--	--	--
MW-43-075	MW-43-075-Q123	N	LF	-	GW	2/21/2023	620 J	--	< 0.50 U	--	--	--	--
MW-43-090	MW-43-090-Q123	N	LF	-	GW	2/21/2023	740 J	--	< 0.50 U	--	--	--	--
MW-44-070	MW-44-070-Q123	N	LF	-	GW	2/22/2023	320	--	< 0.25 U	< 0.10 U	--	--	--
MW-44-115	MW-44-115-Q123	N	LF	-	GW	2/8/2023	39	--	< 0.50 U	--	--	--	1000
MW-44-125	MW-44-125-Q123	N	LF	-	GW	2/8/2023	520	--	< 0.50 U	< 0.10 U	--	--	1100
MW-45-095A	MW-45-095A-Q123	N	LF	-	GW	2/8/2023	390	--	< 0.50 U	--	--	--	400
MW-46-175	MW-46-175-Q123	N	LF	-	GW	2/21/2023	13 J	--	0.91	1.1	--	--	--
MW-46-205	MW-46-205-Q123	N	LF	-	GW	2/21/2023	43 J	--	0.71	--	--	--	--
MW-47-055	MW-47-055-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--
MW-47-115	MW-47-115-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--
MW-49-135	MW-49-135-Q123	N	LF	-	GW	2/21/2023	--	--	--	--	--	--	--
MW-49-275	MW-49-275-Q123	N	LF	-	GW	2/21/2023	--	--	--	--	--	--	--
MW-49-365	MW-49-365-Q123	N	LF	-	GW	2/21/2023	--	--	--	--	--	--	--
MW-51	MW-51-Q123	N	LF	-	GW	2/9/2023	150	5.9	< 0.050 U	--	< 0.50 U	0.56	47
MW-52D	MW-52D-Q123	N	LF	-	GW	2/21/2023	250 J	--	< 0.50 U	--	--	--	--
MW-52M	MW-52M-Q123	N	LF	-	GW	2/21/2023	160 J	--	< 0.50 U	--	--	--	--
MW-52S	MW-52S-Q123	N	LF	-	GW	2/21/2023	1000 J	--	< 0.50 U	--	--	--	--
MW-53D	MW-53D-Q123	N	LF	-	GW	2/21/2023	1300 J	--	< 0.50 U	--	--	--	--
MW-53M	MW-53M-Q123	N	LF	-	GW	2/21/2023	370 J	--	< 0.50 U	--	--	--	--
MW-53S	MW-53S-Q123	N	LF	-	GW	2/21/2023	1200 J	--	< 0.50 U	--	--	--	--
MW-71-035	MW-71-035-Q123	N	LF	-	GW	2/15/2023	220	19 J	0.64	0.96	< 10 U	0.64 J	1000
MW-71-035	MW-915-Q123	FD	-	MW-71-035-Q123	GW	2/15/2023	260	20 J	1.2	1.1	< 5.0 U	< 0.50 UJ	950
MW-75-033	MW-75-033-Q123	N	LF	-	GW	2/13/2023	--	--	--	--	--	--	--
MW-75-117	MW-75-117-Q123	N	LF	-	GW	2/13/2023	--	--	--	--	--	--	--
MW-75-202	MW-75-202-Q123	N	LF	-	GW	2/13/2023	--	--	--	--	--	--	--
MW-75-267	MW-75-267-Q123	N	LF	-	GW	2/13/2023	--	--	--	--	--	--	--

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by method SM 5310 B mg/L	Total organic carbon by method SM 5310 C mg/L
MW-36-020	MW-36-020-Q123	N	LF	-	GW	2/24/2023	--	1.2
MW-36-040	MW-36-040-Q123	N	LF	-	GW	2/24/2023	--	1.6
MW-36-050	MW-36-050-Q123	N	LF	-	GW	2/24/2023	--	< 1.0 U
MW-36-070	MW-36-070-Q123	N	LF	-	GW	2/24/2023	--	< 1.0 U
MW-36-090	MW-36-090-Q123	N	LF	-	GW	2/8/2023	--	< 1.0 U
MW-36-100	MW-36-100-Q123	N	LF	-	GW	2/8/2023	--	< 1.0 U
MW-39-040	MW-39-040-Q123	N	LF	-	GW	2/6/2023	--	2.3
MW-39-050	MW-39-050-Q123	N	LF	-	GW	2/6/2023	--	< 1.0 U
MW-39-060	MW-39-060-Q123	N	LF	-	GW	2/6/2023	--	< 1.0 U
MW-39-070	MW-39-070-Q123	N	LF	-	GW	2/6/2023	--	< 1.0 U
MW-39-080	MW-39-080-Q123	N	LF	-	GW	2/6/2023	--	< 1.0 U
MW-39-100	MW-39-100-Q123	N	LF	-	GW	2/6/2023	--	< 1.0 U
MW-42-030	MW-42-030-Q123	N	LF	-	GW	2/16/2023	--	1.7
MW-42-055	MW-42-055-Q123	N	LF	-	GW	2/16/2023	--	< 1.0 U
MW-42-065	MW-42-065-Q123	N	LF	-	GW	2/16/2023	--	< 20 U
MW-43-025	MW-43-025-Q123	N	LF	-	GW	2/21/2023	--	1.5
MW-43-075	MW-43-075-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-43-090	MW-43-090-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-44-070	MW-44-070-Q123	N	LF	-	GW	2/22/2023	--	< 1.0 U
MW-44-115	MW-44-115-Q123	N	LF	-	GW	2/8/2023	--	< 1.0 U
MW-44-125	MW-44-125-Q123	N	LF	-	GW	2/8/2023	--	< 1.0 U
MW-45-095A	MW-45-095A-Q123	N	LF	-	GW	2/8/2023	--	< 1.0 U
MW-46-175	MW-46-175-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-46-205	MW-46-205-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-47-055	MW-47-055-Q123	N	LF	-	GW	2/23/2023	--	--
MW-47-115	MW-47-115-Q123	N	LF	-	GW	2/23/2023	--	--
MW-49-135	MW-49-135-Q123	N	LF	-	GW	2/21/2023	--	--
MW-49-275	MW-49-275-Q123	N	LF	-	GW	2/21/2023	--	--
MW-49-365	MW-49-365-Q123	N	LF	-	GW	2/21/2023	--	--
MW-51	MW-51-Q123	N	LF	-	GW	2/9/2023	14	5.7
MW-52D	MW-52D-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-52M	MW-52M-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-52S	MW-52S-Q123	N	LF	-	GW	2/21/2023	--	3.6
MW-53D	MW-53D-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-53M	MW-53M-Q123	N	LF	-	GW	2/21/2023	--	< 1.0 U
MW-53S	MW-53S-Q123	N	LF	-	GW	2/21/2023	--	1.1
MW-71-035	MW-71-035-Q123	N	LF	-	GW	2/15/2023	3.6	< 1.0 U
MW-71-035	MW-915-Q123	FD	-	MW-71-035-Q123	GW	2/15/2023	3.4	< 1.0 U
MW-75-033	MW-75-033-Q123	N	LF	-	GW	2/13/2023	--	--
MW-75-117	MW-75-117-Q123	N	LF	-	GW	2/13/2023	--	--
MW-75-202	MW-75-202-Q123	N	LF	-	GW	2/13/2023	--	--
MW-75-267	MW-75-267-Q123	N	LF	-	GW	2/13/2023	--	--

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Ammonia as nitrogen by method TIMBERLINE mg/L	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
MW-75-337	MW-75-337-Q123	N	LF	-	GW	2/13/2023	--	--	--	< 1.0 U	--	--	--
MW-76-039	MW-76-039-Q123	N	LF	-	GW	2/7/2023	< 0.20 U	< 0.10 UJ	60 J	270	300	--	29
MW-76-039	MW-916-Q123	FD	-	MW-76-039-Q123	GW	2/7/2023	< 0.20 U	< 0.10 UJ	60 J	260	280	--	30
MW-76-156	MW-76-156-Q123	N	LF	-	GW	2/7/2023	< 0.20 U	< 0.10 UJ	48 J	16	18 J	--	< 20 U
MW-76-181	MW-76-181-Q123	N	LF	-	GW	2/7/2023	< 0.20 U	< 0.10 UJ	46 J	390	420	--	< 20 U
MW-76-218	MW-76-218-Q123	N	LF	-	GW	2/7/2023	< 0.20 U	< 0.10 U	94	< 1.0 U	< 1.0 U	--	< 20 U
MW-77-046	MW-77-046-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	100 J	< 1.0 U	--	--	100
MW-77-102	MW-77-102-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	89 J	< 1.0 U	--	--	< 20 U
MW-77-158	MW-77-158-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	45 J	< 1.0 U	--	--	39
MW-77-187	MW-77-187-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	32 J	25	--	--	< 20 U
MW-78-070	MW-78-070-Q123	N	LF	-	GW	2/10/2023	< 0.20 U	< 0.10 U	170	2.7	3.4 J	--	< 20 U
MW-78-070	MW-917-Q123	FD	-	MW-78-070-Q123	GW	2/10/2023	< 0.20 U	< 0.10 U	170	2.7	3.4 J	--	< 20 U
MW-78-142	MW-78-142-Q123	N	LF	-	GW	2/10/2023	< 0.20 U	< 0.10 U	34	2200	2700	--	< 20 U
MW-79-058	MW-79-058-Q123	N	LF	-	GW	2/9/2023	< 0.20 U	< 0.10 U	190	65	71	--	< 20 UJ
MW-79-058	MW-918-Q123	FD	-	MW-79-058-Q123	GW	2/9/2023	< 0.20 U	< 0.10 U	210	66	79	--	< 20 UJ
MW-79-102	MW-79-102-Q123	N	LF	-	GW	2/9/2023	< 0.20 U	< 0.10 U	50	250	270	--	< 20 UJ
MW-80-057	MW-80-057-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	< 0.10 U	87	520	620	--	< 20 UJ
MW-80-082	MW-80-082-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	< 0.10 U	59	5.4	7.3	--	< 20 UJ
MW-80-082	MW-919-Q123	FD	-	MW-80-082-Q123	GW	2/8/2023	< 0.20 U	< 0.10 U	56	5.5	6.9	--	< 20 UJ
MW-81-043	MW-81-043-Q123	N	LF	-	GW	2/7/2023	--	4.3	110	9.7	--	--	23
MW-81-098	MW-81-098-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 U	64	< 1.0 U	--	--	61
MW-82-046	MW-82-046-Q123	N	LF	-	GW	2/7/2023	--	13 J	69 J	< 1.0 U	--	--	4000
MW-82-112	MW-82-112-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	77 J	< 1.0 U	--	--	39
MW-82-168	MW-82-168-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	40 J	< 1.0 U	--	--	53
MW-82-198	MW-82-198-Q123	N	LF	-	GW	2/7/2023	--	< 0.10 UJ	37 J	< 1.0 U	--	--	< 20 U
MW-86-030	MW-86-030-Q123	N	LF	-	GW	2/23/2023	--	8.4	120	< 0.20 U	--	--	910 J
MW-86-066	MW-86-066-Q123	N	LF	-	GW	2/23/2023	--	< 0.10 U	84	< 0.20 U	--	--	< 20 U

PCM 2023-02 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 (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Nitrite as Nitrogen by method EPA 300.0 mg/L	Selenium, dissolved by method SW 6020 µg/L	Sulfate by method EPA 300.0 mg/L
MW-75-337	MW-75-337-Q123	N	LF	-	GW	2/13/2023	--	--	--	--	--	--	--
MW-76-039	MW-76-039-Q123	N	LF	-	GW	2/7/2023	1.9 J	29	3.4	--	< 5.0 U	5.9	230
MW-76-039	MW-916-Q123	FD	-	MW-76-039-Q123	GW	2/7/2023	3.4 J	28	3.4	--	< 5.0 U	5.8	230
MW-76-156	MW-76-156-Q123	N	LF	-	GW	2/7/2023	79	35	1.8	--	< 5.0 U	1.3	700
MW-76-181	MW-76-181-Q123	N	LF	-	GW	2/7/2023	21	52	0.79	--	< 10 U	0.8	710
MW-76-218	MW-76-218-Q123	N	LF	-	GW	2/7/2023	440 J	32	< 0.50 U	--	< 5.0 U	< 0.50 U	600
MW-77-046	MW-77-046-Q123	N	LF	-	GW	2/7/2023	430	--	< 0.50 U	--	--	--	860
MW-77-102	MW-77-102-Q123	N	LF	-	GW	2/7/2023	150	--	1	--	--	--	660
MW-77-158	MW-77-158-Q123	N	LF	-	GW	2/7/2023	55	--	< 0.50 U	--	--	--	440
MW-77-187	MW-77-187-Q123	N	LF	-	GW	2/7/2023	13	--	0.6	--	--	--	670
MW-78-070	MW-78-070-Q123	N	LF	-	GW	2/10/2023	730	5.5 J	< 0.25 U	--	< 2.5 U	< 0.50 UJ	340
MW-78-070	MW-917-Q123	FD	-	MW-78-070-Q123	GW	2/10/2023	710	5.5 J	< 0.25 U	--	< 2.5 U	< 0.50 UJ	340
MW-78-142	MW-78-142-Q123	N	LF	-	GW	2/10/2023	2.3	27 J	3.7	--	< 10 U	25 J	650
MW-79-058	MW-79-058-Q123	N	LF	-	GW	2/9/2023	0.5	5.2	< 0.50 U	--	< 5.0 U	< 0.50 U	460
MW-79-058	MW-918-Q123	FD	-	MW-79-058-Q123	GW	2/9/2023	< 0.50 U	5.3	< 0.50 U	--	< 5.0 U	< 0.50 U	460
MW-79-102	MW-79-102-Q123	N	LF	-	GW	2/9/2023	8.1	40	< 0.50 U	--	< 5.0 U	0.73	420
MW-80-057	MW-80-057-Q123	N	LF	-	GW	2/8/2023	6	22	5.8	--	< 5.0 U	14	470
MW-80-082	MW-80-082-Q123	N	LF	-	GW	2/8/2023	270	49	< 0.50 U	--	< 5.0 U	< 0.50 U	370
MW-80-082	MW-919-Q123	FD	-	MW-80-082-Q123	GW	2/8/2023	250	46	< 0.50 U	--	< 5.0 U	< 0.50 U	370
MW-81-043	MW-81-043-Q123	N	LF	-	GW	2/7/2023	19 J	--	0.69	--	--	--	270
MW-81-098	MW-81-098-Q123	N	LF	-	GW	2/7/2023	110 J	--	0.71	--	--	--	700
MW-82-046	MW-82-046-Q123	N	LF	-	GW	2/7/2023	200	--	< 0.50 U	--	--	--	1800
MW-82-112	MW-82-112-Q123	N	LF	-	GW	2/7/2023	180	--	1.4	--	--	--	720
MW-82-168	MW-82-168-Q123	N	LF	-	GW	2/7/2023	52	--	< 0.50 U	--	--	--	440
MW-82-198	MW-82-198-Q123	N	LF	-	GW	2/7/2023	63	--	< 0.50 U	--	--	--	570
MW-86-030	MW-86-030-Q123	N	LF	-	GW	2/23/2023	250	--	< 0.050 U	--	--	--	--
MW-86-066	MW-86-066-Q123	N	LF	-	GW	2/23/2023	550	--	< 0.25 U	--	--	--	--

PCM 2023-02 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by method SM 5310 B mg/L	Total organic carbon by method SM 5310 C mg/L
MW-75-337	MW-75-337-Q123	N	LF	-	GW	2/13/2023	--	--
MW-76-039	MW-76-039-Q123	N	LF	-	GW	2/7/2023	< 1.0 U	< 1.0 U
MW-76-039	MW-916-Q123	FD	-	MW-76-039-Q123	GW	2/7/2023	< 1.0 U	< 1.0 U
MW-76-156	MW-76-156-Q123	N	LF	-	GW	2/7/2023	1.1	< 1.0 U
MW-76-181	MW-76-181-Q123	N	LF	-	GW	2/7/2023	< 1.0 U	< 25 U
MW-76-218	MW-76-218-Q123	N	LF	-	GW	2/7/2023	< 1.0 U	< 1.0 U
MW-77-046	MW-77-046-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-77-102	MW-77-102-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-77-158	MW-77-158-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-77-187	MW-77-187-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-78-070	MW-78-070-Q123	N	LF	-	GW	2/10/2023	1	< 1.0 U
MW-78-070	MW-917-Q123	FD	-	MW-78-070-Q123	GW	2/10/2023	< 1.0 U	< 1.0 U
MW-78-142	MW-78-142-Q123	N	LF	-	GW	2/10/2023	< 1.0 U	< 1.0 U
MW-79-058	MW-79-058-Q123	N	LF	-	GW	2/9/2023	< 1.0 U	< 1.0 U
MW-79-058	MW-918-Q123	FD	-	MW-79-058-Q123	GW	2/9/2023	< 1.0 U	< 1.0 U
MW-79-102	MW-79-102-Q123	N	LF	-	GW	2/9/2023	< 1.0 U	< 20 U
MW-80-057	MW-80-057-Q123	N	LF	-	GW	2/8/2023	< 1.0 U	< 1.0 U
MW-80-082	MW-80-082-Q123	N	LF	-	GW	2/8/2023	< 1.0 U	< 1.0 U
MW-80-082	MW-919-Q123	FD	-	MW-80-082-Q123	GW	2/8/2023	1	< 1.0 U
MW-81-043	MW-81-043-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-81-098	MW-81-098-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-82-046	MW-82-046-Q123	N	LF	-	GW	2/7/2023	--	1.5
MW-82-112	MW-82-112-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-82-168	MW-82-168-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-82-198	MW-82-198-Q123	N	LF	-	GW	2/7/2023	--	< 1.0 U
MW-86-030	MW-86-030-Q123	N	LF	-	GW	2/23/2023	--	3
MW-86-066	MW-86-066-Q123	N	LF	-	GW	2/23/2023	--	< 1.0 U

PCM 2023-02 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Ammonia as nitrogen by method TIMBERLINE mg/L	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
MW-86-120	MW-86-120-Q123	N	LF	-	GW	2/23/2023	--	< 0.10 U	44	< 1.0 U	--	--	< 20 U
MW-86-140	MW-86-140-Q123	N	LF	-	GW	2/23/2023	--	< 0.10 U	81	< 1.0 U	--	--	87 J
MW-90-031	MW-90-031-Q123	N	LF	-	GW	2/22/2023	18	< 0.10 U	320	< 1.0 U	--	--	16000
MW-96-045	MW-96-045-Q123	N	LF	-	GW	2/22/2023	--	--	--	< 1.0 U	--	--	--
MW-96-217	MW-96-217-Q123	N	LF	-	GW	2/22/2023	--	--	--	< 1.0 U	--	--	--
MW-97-042	MW-97-042-Q123	N	LF	-	GW	2/23/2023	--	--	--	26	--	--	--
MW-97-202	MW-97-202-Q123	N	LF	-	GW	2/23/2023	--	--	--	290	--	--	--
PT5D	PT5D-Q123	N	LF	-	GW	2/16/2023	--	5	37	85	--	--	< 20 U
PT5M	PT5M-Q123	N	LF	-	GW	2/16/2023	--	0.76	70	< 0.20 U	--	--	33
PT5S	PT5S-Q123	N	LF	-	GW	2/16/2023	--	13	88	< 0.20 U	--	--	810
TW-02D	TW-02D-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	3.5	17	40	39 J	--	< 20 UJ
TW-02S	TW-02S-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	< 0.10 U	200	85	99	--	< 20 UJ
TW-02S	MW-920-Q123	FD	-	TW-02S-Q123	GW	2/8/2023	< 0.20 U	< 0.10 U	200	85	98	--	< 20 UJ
TW-03D	TW-03D-Q123	N	LF	-	GW	2/8/2023	< 0.20 U	2	23	76	90	--	< 20 UJ
TW-04	TW-04-Q123	N	LF	-	GW	2/23/2023	--	--	--	14	--	--	--

Notes:

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Acronyms and Abbreviations:

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 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

PCM 2023-02 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 (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Nitrite as Nitrogen by method EPA 300.0 mg/L	Selenium, dissolved by method SW 6020 µg/L	Sulfate by method EPA 300.0 mg/L
MW-86-120	MW-86-120-Q123	N	LF	-	GW	2/23/2023	370	--	< 0.50 U	--	--	--	--
MW-86-140	MW-86-140-Q123	N	LF	-	GW	2/23/2023	1000	--	< 0.50 U	--	--	--	--
MW-90-031	MW-90-031-Q123	N	LF	-	GW	2/22/2023	800	--	< 0.50 U	< 0.10 U	--	--	--
MW-96-045	MW-96-045-Q123	N	LF	-	GW	2/22/2023	--	--	--	--	--	--	--
MW-96-217	MW-96-217-Q123	N	LF	-	GW	2/22/2023	--	--	--	--	--	--	--
MW-97-042	MW-97-042-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--
MW-97-202	MW-97-202-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--
PT5D	PT5D-Q123	N	LF	-	GW	2/16/2023	13	--	1.1	--	--	--	--
PT5M	PT5M-Q123	N	LF	-	GW	2/16/2023	1100	--	< 0.25 U	--	--	--	--
PT5S	PT5S-Q123	N	LF	-	GW	2/16/2023	260	--	< 0.050 U	--	--	--	--
TW-02D	TW-02D-Q123	N	LF	-	GW	2/8/2023	37	120	< 0.50 U	--	< 5.0 U	< 0.50 U	530
TW-02S	TW-02S-Q123	N	LF	-	GW	2/8/2023	< 0.50 U	4.4	0.66	--	< 5.0 U	2.8 J	430
TW-02S	MW-920-Q123	FD	-	TW-02S-Q123	GW	2/8/2023	< 0.50 U	4.4	0.72	--	< 5.0 U	< 0.50 UJ	440
TW-03D	TW-03D-Q123	N	LF	-	GW	2/8/2023	34	110	< 0.50 U	--	< 10 U	< 0.50 U	550
TW-04	TW-04-Q123	N	LF	-	GW	2/23/2023	--	--	--	--	--	--	--

Notes:

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 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

PCM 2023-02 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by method SM 5310 B mg/L	Total organic carbon by method SM 5310 C mg/L
MW-86-120	MW-86-120-Q123	N	LF	-	GW	2/23/2023	--	< 1.0 U
MW-86-140	MW-86-140-Q123	N	LF	-	GW	2/23/2023	--	< 1.0 U
MW-90-031	MW-90-031-Q123	N	LF	-	GW	2/22/2023	--	1.8
MW-96-045	MW-96-045-Q123	N	LF	-	GW	2/22/2023	--	--
MW-96-217	MW-96-217-Q123	N	LF	-	GW	2/22/2023	--	--
MW-97-042	MW-97-042-Q123	N	LF	-	GW	2/23/2023	--	--
MW-97-202	MW-97-202-Q123	N	LF	-	GW	2/23/2023	--	--
PT5D	PT5D-Q123	N	LF	-	GW	2/16/2023	--	< 1.0 U
PT5M	PT5M-Q123	N	LF	-	GW	2/16/2023	--	< 1.0 U
PT5S	PT5S-Q123	N	LF	-	GW	2/16/2023	--	1.9
TW-02D	TW-02D-Q123	N	LF	-	GW	2/8/2023	< 1.0 U	< 1.0 U
TW-02S	TW-02S-Q123	N	LF	-	GW	2/8/2023	< 1.0 U	< 1.0 U
TW-02S	MW-920-Q123	FD	-	TW-02S-Q123	GW	2/8/2023	< 1.0 U	< 1.0 U
TW-03D	TW-03D-Q123	N	LF	-	GW	2/8/2023	< 1.0 U	< 25 U
TW-04	TW-04-Q123	N	LF	-	GW	2/23/2023	--	--

Notes:

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Acronyms and Abbreviations:

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 µg/L = micrograms per liter
 3V = three volume
 EPA = Environmental Protection Agency
 FD = field duplicate
 GW = groundwater
 J = estimated value
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

PCM 2023-03 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	Iron by method SW 6010B µg/L	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
IRZ-09-100	IRZ-09-100-0323	N	EP	-	GW	3/6/2023	--	--	16	< 20 U	< 20 U	< 0.50 UJ
IRZ-13D-210	IRZ-13D-210-0323	N	EP	-	GW	3/6/2023	--	--	360	< 20 U	< 20 U	< 0.50 UJ
IRZ-13S-095	IRZ-13S-095-0323	N	EP	-	GW	3/6/2023	--	--	38	< 20 U	< 20 U	< 0.50 UJ
IRZ-23-143	IRZ-23-143-0323	N	EP	-	GW	3/6/2023	--	--	640	28	< 20 U	< 0.50 UJ
MW-20-070	MW-20-070-0323	N	LF	-	GW	3/8/2023	0.95	53 J	2500	--	< 20 U	< 0.50 U
MW-20-100	MW-20-100-0323	N	LF	-	GW	3/8/2023	0.85	32 J	1600	--	< 20 U	< 0.50 U
MW-20-130	MW-20-130-0323	N	LF	-	GW	3/8/2023	0.66	25 J	3400	--	< 20 U	< 0.50 U
MW-21	MW-21-0323	N	LF	-	GW	3/9/2023	13	38	0.32	--	380 J	240 J
MW-21	MW-923-Q123	FD	-	MW-21-0323	GW	3/9/2023	15	35	0.25	--	390 J	280 J
MW-26	MW-26-0323	N	LF	-	GW	3/9/2023	< 0.10 U	90	< 0.20 U	--	21 J	830 J
MW-30-050	MW-30-050-0323	N	LF	-	GW	3/8/2023	2.7	20 J	< 0.20 U	--	41	310
MW-31-060	MW-31-060-0323	N	LF	-	GW	3/9/2023	< 0.10 U	390	< 1.0 U	--	< 20 UJ	2100 J
MW-31-135	MW-31-135-0323	N	LF	-	GW	3/9/2023	< 0.10 U	34	15	--	< 20 UJ	4.4 J
MW-34-080	MW-34-080-0323	N	LF	-	GW	3/9/2023	< 0.10 U	34	< 0.20 U	--	420 J	140 J
MW-34-080	MW-924-Q123	FD	-	MW-34-080-0323	GW	3/9/2023	< 0.10 U	40	< 0.20 U	--	390 J	150 J
MW-36-090	MW-36-090-0323	N	LF	-	GW	3/9/2023	1.8	58	< 0.20 U	--	65 J	170 J
MW-36-100	MW-36-100-0323	N	LF	-	GW	3/9/2023	3.3	69	< 0.20 U	--	940 J	810 J
MW-36-100	MW-925-Q123	FD	-	MW-36-100-0323	GW	3/9/2023	3.1	64	< 0.20 U	--	870 J	620 J
MW-39-040	MW-39-040-0323	N	LF	-	GW	3/7/2023	11	88 J	< 0.20 U	--	310	110 J
MW-39-050	MW-39-050-0323	N	LF	-	GW	3/7/2023	1.5	44 J	< 0.20 U	--	21	210 J
MW-39-060	MW-39-060-0323	N	LF	-	GW	3/7/2023	1.5	56 J	< 0.20 U	--	48	270 J
MW-39-070	MW-39-070-0323	N	LF	-	GW	3/7/2023	0.8	73 J	< 0.20 U	--	< 20 U	24 J
MW-39-080	MW-39-080-0323	N	LF	-	GW	3/7/2023	< 0.10 U	30 J	33	--	< 20 U	6.5 J
MW-39-100	MW-39-100-0323	N	LF	-	GW	3/7/2023	< 0.10 U	31 J	160	--	< 20 U	8.8 J
MW-44-115	MW-44-115-0323	N	LF	-	GW	3/9/2023	1.1	22	3.3	--	< 20 UJ	56 J
MW-44-125	MW-44-125-0323	N	LF	-	GW	3/9/2023	1.6	43	< 1.0 U	--	280 J	470 J
MW-45-095A	MW-45-095A-0323	N	LF	-	GW	3/8/2023	0.63	30 J	0.92	--	< 20 U	160
MW-51	MW-51-0323	N	LF	-	GW	3/9/2023	1.9	100	0.81	--	130 J	1500 J
MW-71-035	MW-71-035-0323	N	LF	-	GW	3/9/2023	< 0.10 U	39	< 1.0 U	--	28 J	23 J
MW-71-035	MW-926-Q123	FD	-	MW-71-035-0323	GW	3/9/2023	< 0.10 U	38	< 1.0 U	--	< 20 UJ	13 J
MW-76-039	MW-76-039-0323	N	LF	-	GW	3/7/2023	< 0.10 U	120 J	200	--	< 20 U	0.84 J
MW-76-156	MW-76-156-0323	N	LF	-	GW	3/7/2023	< 0.10 U	40 J	17	--	< 20 U	48 J
MW-76-181	MW-76-181-0323	N	LF	-	GW	3/7/2023	< 0.10 U	34 J	370	--	< 20 U	18 J
MW-76-218	MW-76-218-0323	N	LF	-	GW	3/7/2023	< 0.10 U	83 J	< 1.0 U	--	41	410 J
MW-77-046	MW-77-046-0323	N	LF	-	GW	3/6/2023	0.58 J	62	< 0.20 U	--	< 20 U	470 J
MW-77-102	MW-77-102-0323	N	LF	-	GW	3/6/2023	< 0.10 U	75	< 1.0 U	--	< 20 U	120 J
MW-77-158	MW-77-158-0323	N	LF	-	GW	3/6/2023	< 0.10 U	40	< 1.0 U	--	46	68 J
MW-77-187	MW-77-187-0323	N	LF	-	GW	3/7/2023	4.3	22 J	< 0.20 U	--	84	51 J
MW-78-070	MW-78-070-0323	N	LF	-	GW	3/9/2023	< 0.10 U	140	4.9	--	< 20 UJ	150 J
MW-78-142	MW-78-142-0323	N	LF	-	GW	3/8/2023	2.1	27 J	2100	--	< 20 U	1.6
MW-79-058	MW-79-058-0323	N	LF	-	GW	3/8/2023	< 0.10 U	190 J	33	--	92	8
MW-79-102	MW-79-102-0323	N	LF	-	GW	3/8/2023	0.63	48 J	160	--	< 20 U	12
MW-80-057	MW-80-057-0323	N	LF	-	GW	3/8/2023	< 0.10 U	100 J	74	--	140	8.1

PCM 2023-03 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Sulfate by method EPA 300.0 mg/L	Total organic carbon by method SM 5310 B mg/L	Total organic carbon by method SM 5310 C mg/L
IRZ-09-100	IRZ-09-100-0323	N	EP	-	GW	3/6/2023	< 0.50 U	--	450	< 1.0 U	--
IRZ-13D-210	IRZ-13D-210-0323	N	EP	-	GW	3/6/2023	< 0.50 U	--	860	< 1.0 U	--
IRZ-13S-095	IRZ-13S-095-0323	N	EP	-	GW	3/6/2023	< 0.50 U	--	440	< 1.0 U	--
IRZ-23-143	IRZ-23-143-0323	N	EP	-	GW	3/6/2023	2.4	--	490	1	--
MW-20-070	MW-20-070-0323	N	LF	-	GW	3/8/2023	20	--	500	1.1	--
MW-20-100	MW-20-100-0323	N	LF	-	GW	3/8/2023	5.6	--	360	1.1	--
MW-20-130	MW-20-130-0323	N	LF	-	GW	3/8/2023	9.3	--	840	1.4	--
MW-21	MW-21-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	740	6.4	--
MW-21	MW-923-Q123	FD	-	MW-21-0323	GW	3/9/2023	< 0.50 U	--	670	6.6	--
MW-26	MW-26-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	360	1.5	--
MW-30-050	MW-30-050-0323	N	LF	-	GW	3/8/2023	< 0.25 U	--	200	--	< 1.0 U
MW-31-060	MW-31-060-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	230	11	--
MW-31-135	MW-31-135-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	570	1.2	--
MW-34-080	MW-34-080-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	720	--	< 1.0 U
MW-34-080	MW-924-Q123	FD	-	MW-34-080-0323	GW	3/9/2023	0.75	--	720	--	< 1.0 U
MW-36-090	MW-36-090-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	310	--	< 1.0 U
MW-36-100	MW-36-100-0323	N	LF	-	GW	3/9/2023	< 0.50 U	< 0.10 U	480	--	< 1.0 U
MW-36-100	MW-925-Q123	FD	-	MW-36-100-0323	GW	3/9/2023	< 0.50 U	< 0.10 U	470	--	< 1.0 U
MW-39-040	MW-39-040-0323	N	LF	-	GW	3/7/2023	< 0.25 U	--	160	--	2.6
MW-39-050	MW-39-050-0323	N	LF	-	GW	3/7/2023	< 0.25 U	--	190	--	< 1.0 U
MW-39-060	MW-39-060-0323	N	LF	-	GW	3/7/2023	< 0.25 U	--	240	--	< 1.0 U
MW-39-070	MW-39-070-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	370	--	< 1.0 U
MW-39-080	MW-39-080-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	650	--	< 1.0 U
MW-39-100	MW-39-100-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	930	--	< 1.0 U
MW-44-115	MW-44-115-0323	N	LF	-	GW	3/9/2023	1.4	--	1000	--	< 1.0 U
MW-44-125	MW-44-125-0323	N	LF	-	GW	3/9/2023	< 0.50 U	< 0.10 U	1100	--	< 20 U
MW-45-095A	MW-45-095A-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	460	--	< 1.0 U
MW-51	MW-51-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	130	12	--
MW-71-035	MW-71-035-0323	N	LF	-	GW	3/9/2023	1.3	0.45	960	3	--
MW-71-035	MW-926-Q123	FD	-	MW-71-035-0323	GW	3/9/2023	1.9	2	940	3	--
MW-76-039	MW-76-039-0323	N	LF	-	GW	3/7/2023	2.2	--	300	< 1.0 U	--
MW-76-156	MW-76-156-0323	N	LF	-	GW	3/7/2023	1.7	--	710	< 1.0 U	--
MW-76-181	MW-76-181-0323	N	LF	-	GW	3/7/2023	0.59	--	690	< 1.0 U	--
MW-76-218	MW-76-218-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	620	1.4	--
MW-77-046	MW-77-046-0323	N	LF	-	GW	3/6/2023	< 0.50 U	--	470	--	< 1.0 U
MW-77-102	MW-77-102-0323	N	LF	-	GW	3/6/2023	< 0.50 U	--	680	--	< 1.0 U
MW-77-158	MW-77-158-0323	N	LF	-	GW	3/6/2023	< 0.50 U	--	450	--	< 1.0 U
MW-77-187	MW-77-187-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	550	--	< 1.0 U
MW-78-070	MW-78-070-0323	N	LF	-	GW	3/9/2023	< 0.50 U	--	330	1.6	--
MW-78-142	MW-78-142-0323	N	LF	-	GW	3/8/2023	7	--	610	< 1.0 U	--
MW-79-058	MW-79-058-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	400	< 1.0 U	--
MW-79-102	MW-79-102-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	390	< 1.0 U	--
MW-80-057	MW-80-057-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	450	< 1.0 U	--

PCM 2023-03 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	Iron by method SW 6010B µg/L	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
MW-80-082	MW-80-082-0323	N	LF	-	GW	3/8/2023	1.6	52 J	< 0.20 U	--	21	610
MW-81-043	MW-81-043-0323	N	LF	-	GW	3/7/2023	2.7	140 J	5.4	--	24	32 J
MW-81-098	MW-81-098-0323	N	LF	-	GW	3/7/2023	< 0.10 U	48 J	< 1.0 U	--	76	97 J
MW-82-046	MW-82-046-0323	N	LF	-	GW	3/8/2023	20	71 J	< 1.0 U	--	5200	230
MW-82-112	MW-82-112-0323	N	LF	-	GW	3/8/2023	< 0.10 U	48 J	< 0.20 U	--	< 20 U	100
MW-82-168	MW-82-168-0323	N	LF	-	GW	3/8/2023	< 0.10 U	34 J	< 0.20 U	--	36	44
MW-82-198	MW-82-198-0323	N	LF	-	GW	3/8/2023	1	38 J	< 0.20 U	--	47	64
TW-02D	TW-02D-0323	N	LF	-	GW	3/7/2023	4.3	15 J	28	--	< 20 U	66 J
TW-02S	TW-02S-0323	N	LF	-	GW	3/7/2023	< 0.10 U	220 J	70	--	< 20 U	< 0.50 UJ
TW-03D	TW-03D-0323	N	LF	-	GW	3/7/2023	3.2	18 J	59	--	< 20 U	47 J

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs and Nitrate/Nitrite as N which was analyzed at BC Labs.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed
 µg/L = micrograms per liter
 3V = three volume
 EPA = Environmental Protection Agency
 FD = field duplicate
 GW = groundwater
 J = estimated value
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

PCM 2023-03 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Sulfate by method EPA 300.0 mg/L	Total organic carbon by method SM 5310 B mg/L	Total organic carbon by method SM 5310 C mg/L
MW-80-082	MW-80-082-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	310	1.2	--
MW-81-043	MW-81-043-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	390	--	< 1.0 U
MW-81-098	MW-81-098-0323	N	LF	-	GW	3/7/2023	0.52	--	680	--	< 1.0 U
MW-82-046	MW-82-046-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	2000	--	2.1
MW-82-112	MW-82-112-0323	N	LF	-	GW	3/8/2023	0.92	--	690	--	< 1.0 U
MW-82-168	MW-82-168-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	450	--	< 1.0 U
MW-82-198	MW-82-198-0323	N	LF	-	GW	3/8/2023	< 0.50 U	--	580	--	< 1.0 U
TW-02D	TW-02D-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	500	< 1.0 U	--
TW-02S	TW-02S-0323	N	LF	-	GW	3/7/2023	0.53	--	450	< 1.0 U	--
TW-03D	TW-03D-0323	N	LF	-	GW	3/7/2023	< 0.50 U	--	520	1.2	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs and Nitrate/Nitrite as N which was analyzed at BC Labs.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed
 µg/L = micrograms per liter
 3V = three volume
 EPA = Environmental Protection Agency
 FD = field duplicate
 GW = groundwater
 J = estimated value
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

Unvalidated PCM 2023-04 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	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
MW-20-070	MW-20-070-0423	N	LF	-	GW	4/5/2023	1.3	32	530	200	4.4
MW-20-100	MW-20-100-0423	N	LF	-	GW	4/5/2023	< 0.10 U	44	1800	150	2.2
MW-20-130	MW-20-130-0423	N	LF	-	GW	4/5/2023	< 0.10 U	36	1800	170	8.7
MW-21	MW-21-0423	N	LF	-	GW	4/5/2023	13	32	< 0.20 U	520	210
MW-26	MW-26-0423	N	LF	-	GW	4/5/2023	< 0.10 U	120	1	510	870
MW-30-050	MW-30-050-0423	N	LF	-	GW	4/6/2023	< 0.10 U	31	< 0.20 U	420	5.7
MW-31-060	MW-31-060-0423	N	LF	-	GW	4/4/2023	0.86	140	0.41	65	840
MW-31-135	MW-31-135-0423	N	LF	-	GW	4/4/2023	< 0.10 U	37	16	< 20 U	5.3
MW-34-080	MW-34-080-0423	N	LF	-	GW	4/5/2023	< 0.10 U	43	< 0.20 U	1200	160
MW-36-090	MW-36-090-0423	N	LF	-	GW	4/4/2023	< 0.10 U	76	< 0.20 U	85	230
MW-36-100	MW-36-100-0423	N	LF	-	GW	4/4/2023	2.2	69	< 0.20 U	1000	620
MW-36-100	MW-904-Q223	FD	-	MW-36-100-0423	GW	4/4/2023	2.2	71	< 0.20 U	980	650
MW-39-040	MW-39-040-0423	N	LF	-	GW	4/6/2023	11	81	< 0.20 U	390	100
MW-39-050	MW-39-050-0423	N	LF	-	GW	4/6/2023	1.6	45	< 0.20 U	47	210
MW-39-060	MW-39-060-0423	N	LF	-	GW	4/6/2023	1.5	43	< 0.20 U	130	250
MW-39-070	MW-39-070-0423	N	LF	-	GW	4/6/2023	0.34	78	< 0.20 U	41	25
MW-39-080	MW-39-080-0423	N	LF	-	GW	4/6/2023	2.4	21	40	46	350
MW-39-100	MW-39-100-0423	N	LF	-	GW	4/6/2023	< 0.10 U	29	200	31	8.3
MW-44-115	MW-44-115-0423	N	LF	-	GW	4/4/2023	< 0.10 U	23	10	< 20 U	8.7
MW-44-125	MW-44-125-0423	N	LF	-	GW	4/4/2023	< 0.10 U	43	1.1	240	440
MW-44-125	MW-905-Q223	FD	-	MW-44-125-0423	GW	4/4/2023	< 0.10 U	42	< 1.0 U	260	440
MW-45-095A	MW-45-095A-0423	N	LF	-	GW	4/5/2023	< 0.10 U	31	1.3	250	91
MW-51	MW-51-0423	N	LF	-	GW	4/5/2023	1.9	67	0.77	370	240
MW-71-035	MW-71-035-0423	N	LF	-	GW	4/5/2023	2.1	42	1.2	360	16
MW-71-035	MW-903-Q223	FD	-	MW-71-035-0423	GW	4/5/2023	3.4	51	1.5	830	9.3
MW-76-039	MW-76-039-0423	N	LF	-	GW	4/3/2023	< 0.10 U	140	180	77	1.9
MW-76-156	MW-76-156-0423	N	LF	-	GW	4/3/2023	< 0.10 U	38	44	< 20 U	7.2
MW-76-181	MW-76-181-0423	N	LF	-	GW	4/3/2023	< 0.10 U	41	370	< 20 U	18
MW-76-218	MW-76-218-0423	N	LF	-	GW	4/3/2023	0.36	44	< 1.0 U	< 20 U	84
MW-77-046	MW-77-046-0423	N	LF	-	GW	4/3/2023	1.4	59	2.6	< 20 U	470
MW-77-102	MW-77-102-0423	N	LF	-	GW	4/3/2023	< 0.10 U	76	< 1.0 U	< 20 U	120
MW-77-158	MW-77-158-0423	N	LF	-	GW	4/3/2023	< 0.10 U	40	< 1.0 U	38	55
MW-77-187	MW-77-187-0423	N	LF	-	GW	4/3/2023	< 0.10 U	23	18	< 20 U	12
MW-78-070	MW-78-070-0423	N	LF	-	GW	4/5/2023	< 0.10 U	140	20	250	76
MW-78-142	MW-78-142-0423	N	LF	-	GW	4/5/2023	0.66	33	2000	180	6.7
MW-79-058	MW-79-058-0423	N	LF	-	GW	4/5/2023	< 0.10 U	180	160	250	4.9
MW-79-102	MW-79-102-0423	N	LF	-	GW	4/5/2023	< 0.10 U	62	46	140	33
MW-79-102	MW-906-Q223	FD	-	MW-79-102-0423	GW	4/5/2023	< 0.10 U	63	6.2	170	350
MW-80-057	MW-80-057-0423	N	LF	-	GW	4/5/2023	< 0.10 U	80	250	160	3.5
MW-80-082	MW-80-082-0423	N	LF	-	GW	4/5/2023	0.97	75	6.5	160	380
MW-81-043	MW-81-043-0423	N	LF	-	GW	4/4/2023	< 0.10 U	150	15	< 20 U	31
MW-81-098	MW-81-098-0423	N	LF	-	GW	4/4/2023	< 0.10 U	50	9.9	22	80
MW-82-046	MW-82-046-0423	N	LF	-	GW	4/4/2023	19	61	< 1.0 U	6500	320

Unvalidated PCM 2023-04 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Sulfate by method EPA 300.0 mg/L	Total organic carbon by method SM 5310 B mg/L
MW-20-070	MW-20-070-0423	N	LF	-	GW	4/5/2023	17	--	320	1.2
MW-20-100	MW-20-100-0423	N	LF	-	GW	4/5/2023	8.5	--	540	1.9
MW-20-130	MW-20-130-0423	N	LF	-	GW	4/5/2023	5.3	--	1400	4.4
MW-21	MW-21-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	990	4.9
MW-26	MW-26-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	330	2
MW-30-050	MW-30-050-0423	N	LF	-	GW	4/6/2023	< 0.50 U	--	210	2.5
MW-31-060	MW-31-060-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	100	3.6
MW-31-135	MW-31-135-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	550	1.1
MW-34-080	MW-34-080-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	750	1.7
MW-36-090	MW-36-090-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	490	< 1.0 U
MW-36-100	MW-36-100-0423	N	LF	-	GW	4/4/2023	< 0.50 U	< 0.10 U	440	2.3
MW-36-100	MW-904-Q223	FD	-	MW-36-100-0423	GW	4/4/2023	< 0.50 U	< 0.10 U	490	2.4
MW-39-040	MW-39-040-0423	N	LF	-	GW	4/6/2023	< 0.25 U	--	120	< 1.0 U
MW-39-050	MW-39-050-0423	N	LF	-	GW	4/6/2023	< 0.25 U	--	200	2.1
MW-39-060	MW-39-060-0423	N	LF	-	GW	4/6/2023	< 0.25 U	--	230	2.6
MW-39-070	MW-39-070-0423	N	LF	-	GW	4/6/2023	< 0.50 U	--	410	3.6
MW-39-080	MW-39-080-0423	N	LF	-	GW	4/6/2023	< 0.50 U	--	720	1.4
MW-39-100	MW-39-100-0423	N	LF	-	GW	4/6/2023	< 0.50 U	--	1000	2.2
MW-44-115	MW-44-115-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	1000	< 1.0 U
MW-44-125	MW-44-125-0423	N	LF	-	GW	4/4/2023	< 0.50 U	< 0.10 U	1100	1.1
MW-44-125	MW-905-Q223	FD	-	MW-44-125-0423	GW	4/4/2023	< 0.50 U	< 0.10 U	1100	< 1.0 U
MW-45-095A	MW-45-095A-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	490	1.2
MW-51	MW-51-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	50	14
MW-71-035	MW-71-035-0423	N	LF	-	GW	4/5/2023	2.6	2.6	1000	3.6
MW-71-035	MW-903-Q223	FD	-	MW-71-035-0423	GW	4/5/2023	3.8	2.6	880	4.5
MW-76-039	MW-76-039-0423	N	LF	-	GW	4/3/2023	1.1	--	480	1.2
MW-76-156	MW-76-156-0423	N	LF	-	GW	4/3/2023	< 0.50 U	--	520	1.2
MW-76-181	MW-76-181-0423	N	LF	-	GW	4/3/2023	< 0.50 U	--	700	1.4
MW-76-218	MW-76-218-0423	N	LF	-	GW	4/3/2023	< 0.50 U	--	510	1.7
MW-77-046	MW-77-046-0423	N	LF	-	GW	4/3/2023	< 0.50 U	--	420	--
MW-77-102	MW-77-102-0423	N	LF	-	GW	4/3/2023	0.75	--	700	--
MW-77-158	MW-77-158-0423	N	LF	-	GW	4/3/2023	< 0.50 U	--	370	1.3
MW-77-187	MW-77-187-0423	N	LF	-	GW	4/3/2023	< 0.50 U	--	620	1.2
MW-78-070	MW-78-070-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	330	1.1
MW-78-142	MW-78-142-0423	N	LF	-	GW	4/5/2023	3.3	--	620	1.3
MW-79-058	MW-79-058-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	420	1.2
MW-79-102	MW-79-102-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	380	1.3
MW-79-102	MW-906-Q223	FD	-	MW-79-102-0423	GW	4/5/2023	< 0.50 U	--	370	1.1
MW-80-057	MW-80-057-0423	N	LF	-	GW	4/5/2023	3.4	--	440	1.1
MW-80-082	MW-80-082-0423	N	LF	-	GW	4/5/2023	< 0.50 U	--	360	1.1
MW-81-043	MW-81-043-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	460	< 1.0 U
MW-81-098	MW-81-098-0423	N	LF	-	GW	4/4/2023	0.52	--	740	1.2
MW-82-046	MW-82-046-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	1800	14

Unvalidated PCM 2023-04 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	Iron, dissolved by method SW 6010B µg/L	Manganese, dissolved by method SW 6020 µg/L
MW-82-112	MW-82-112-0423	N	LF	-	GW	4/4/2023	< 0.10 U	64	< 1.0 U	100	150
MW-82-168	MW-82-168-0423	N	LF	-	GW	4/4/2023	< 0.10 U	36	< 0.20 U	87	43
MW-82-198	MW-82-198-0423	N	LF		GW	4/4/2023	< 0.10 U	38	0.24	25	22
MW-82-198	MW-907-Q223	FD	-	MW-82-198-0423	GW	4/4/2023	< 0.10 U	39	0.24	22	23
TW-02D	TW-02D-0423	N	LF	-	GW	4/4/2023	2.5	16	19	< 20 U	55
TW-02S	TW-02S-0423	N	LF	-	GW	4/4/2023	< 0.10 U	240	44	< 20 U	< 0.50 U
TW-03D	TW-03D-0423	N	LF	-	GW	4/4/2023	1.9	21	42	< 20 U	32

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs and Nitrate/Nitrite as N which was analyzed at BC Labs.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed
 µg/L = micrograms per liter
 3V = three volume
 EPA = Environmental Protection Agency
 FD = field duplicate
 GW = groundwater
 J = estimated value
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

Unvalidated PCM 2023-04 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Nitrate/Nitrite as Nitrogen by method EPA 353.2 mg/L	Sulfate by method EPA 300.0 mg/L	Total organic carbon by method SM 5310 B mg/L
MW-82-112	MW-82-112-0423	N	LF	-	GW	4/4/2023	1.2	--	780	1
MW-82-168	MW-82-168-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	400	1.2
MW-82-198	MW-82-198-0423	N	LF		GW	4/4/2023	< 0.50 U	--	580	< 1.0 U
MW-82-198	MW-907-Q223	FD	-	MW-82-198-0423	GW	4/4/2023	< 0.50 U	--	580	< 1.0 U
TW-02D	TW-02D-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	500	< 1.0 U
TW-02S	TW-02S-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	470	< 1.0 U
TW-03D	TW-03D-0423	N	LF	-	GW	4/4/2023	< 0.50 U	--	530	1

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs and Nitrate/Nitrite as N which was analyzed at BC Labs.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed
 µg/L = micrograms per liter
 3V = three volume
 EPA = Environmental Protection Agency
 FD = field duplicate
 GW = groundwater
 J = estimated value
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste
 U = analyte not detected
 - = no entry

Phase 2 2023-02 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Alkalinity, total as CaCO ₃ by method SM 2320 B mg/L	Arsenic, dissolved by method SW 6020 µg/L	Barium, dissolved by method SW 6020 µg/L	Boron, dissolved by method SW 6010B mg/L	Bromide by method EPA 300.0 mg/L	Calcium, dissolved by method SW 6010B mg/L	Chloride by method EPA 300.0 mg/L
FW-02B-127	FW-02B-127-0223	N	LF	GW	2/9/2023	87	< 0.10 U	120 J	0.31 J	< 0.50 U	100	370

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-02 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Chromium, Hexavalent by method EPA 218.6 µg/L	Chromium, total dissolved by method SW 6020 µg/L	Fluoride by method EPA 300.0 mg/L	Hardness, Calcium (As CaCO3) by method SM 2340 B mg/L	Hardness, Magnesium (As CaCO3) by method SM 2340 mg/L	Hardness, total as CaCO3 by method SM 2340 mg/L	Iron, dissolved by method SW 6010B µg/L
FW-02B-127	FW-02B-127-0223	N	LF	GW	2/9/2023	3.1	5.4	0.86	250	B	B	36 J

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and T which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-02 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Magnesium, dissolved by method SW 6010B mg/L	Manganese, dissolved by method SW 6020 µg/L	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Potassium, dissolved by method SW 6010B mg/L	Sodium, dissolved by method SW 6010B mg/L	Sulfate by method EPA 300.0 mg/L	Total dissolved solids by method SM 2540 C mg/L
FW-02B-127	FW-02B-127-0223	N	LF	GW	2/9/2023	20	54 J	6.4	11	310 J	150	930

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and T which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-02 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Zinc, dissolved by method SW 6020 µg/L
FW-02B-127	FW-02B-127-0223	N	LF	GW	2/9/2023	< 10 U

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and T which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-03 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Alkalinity, total as CaCO3 by method SM 2320 B mg/L	Arsenic, dissolved by method SW 6020 µg/L	Barium, dissolved by method SW 6020 µg/L	Boron, dissolved by method SW 6010B mg/L	Bromide by method EPA 300.0 mg/L	Calcium, dissolved by method SW 6010B mg/L	Chloride by method EPA 300.0 mg/L
FW-02B-127	FW-02B-127-0323	N	3V	GW	3/9/2023	94	< 0.10 U	110	0.43	< 1.0 U	130	400
MW-11S	MW-11-031323	N	-	GW	3/13/2023	--	--	--	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-03 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Chromium, Hexavalent by method EPA 218.6 µg/L	Chromium, total dissolved by method SW 6020 µg/L	Fluoride by method EPA 300.0 mg/L	Hardness, Calcium (As CaCO3) by method SM 2340 B mg/L	Hardness, Magnesium (As CaCO3) by method SM 2340 B mg/L	Hardness, total as CaCO3 by method SM 2340 B mg/L	Iron, dissolved by method SW 6010B µg/L
FW-02B-127	FW-02B-127-0323	N	3V	GW	3/9/2023	14	15	0.86	310	110	420	< 20 U
MW-11S	MW-11-031323	N	-	GW	3/13/2023	74	74	--	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-03 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Magnesium, dissolved by method SW 6010B mg/L	Manganese, dissolved by method SW 6020 µg/L	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Potassium, dissolved by method SW 6010B mg/L	Sodium, dissolved by method SW 6010B mg/L	Sulfate by method EPA 300.0 mg/L	Total dissolved solids by method SM 2540 C mg/L
FW-02B-127	FW-02B-127-0323	N	3V	GW	3/9/2023	26	34	7.4	12	220	150	1100
MW-11S	MW-11-031323	N	-	GW	3/13/2023	--	--	--	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-03 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Zinc, dissolved by method SW 6020 µg/L
FW-02B-127	FW-02B-127-0323	N	3V	GW	3/9/2023	< 10 U
MW-11S	MW-11-031323	N	-	GW	3/13/2023	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-04 Water 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	Barium, dissolved by method SW 6020 µg/L	Boron, dissolved by method SW 6010B mg/L	Bromide by method EPA 300.0 mg/L
ER-4	ER-04-159-051323	N	-	-	GW	5/13/2023	--	--	--	--	--
ER-4	ER-04-159-051423-EB	N	-	-	GW	5/14/2023	--	--	--	--	--
FW-02B-127	FW-02B-127-0423	N	LF	-	GW	4/6/2023	96	< 0.10 U	100	0.53	< 1.0 U
MWP-08	MWP-08-0423	N	-	-	GW	5/9/2023	76	0.51	140	0.41	< 10 U

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-04 Water 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 dissolved by method SW 6020 µg/L	Fluoride by method EPA 300.0 mg/L
ER-4	ER-04-159-051323	N	-	-	GW	5/13/2023	--	--	< 1.0 U	< 1.0 U	--
ER-4	ER-04-159-051423-EB	N	-	-	GW	5/14/2023	--	--	< 0.20 U	--	--
FW-02B-127	FW-02B-127-0423	N	LF	-	GW	4/6/2023	120	460	5.3	5.5	1.1
MWP-08	MWP-08-0423	N	-	-	GW	5/9/2023	1400	3800	76	91	< 2.0 U

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Hardness, Calcium (As CaCO3) by method SM 2340 B mg/L	Hardness, Magnesium (As CaCO3) by method SM 2340 B mg/L	Hardness, total as CaCO3 by method SM 2340 B mg/L	Iron, dissolved by method SW 6010B µg/L	Magnesium, dissolved by method SW 6010B mg/L
ER-4	ER-04-159-051323	N	-	-	GW	5/13/2023	--	--	--	--	--
ER-4	ER-04-159-051423-EB	N	-	-	GW	5/14/2023	--	--	--	--	--
FW-02B-127	FW-02B-127-0423	N	LF	-	GW	4/6/2023	290	97	390	45	24
MWP-08	MWP-08-0423	N	-	-	GW	5/9/2023	3600	1500	5100	< 20 U	370

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Manganese, dissolved by method SW 6020 µg/L	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Potassium, dissolved by method SW 6010B mg/L	Sodium, dissolved by method SW 6010B mg/L	Sulfate by method EPA 300.0 mg/L
ER-4	ER-04-159-051323	N	-	-	GW	5/13/2023	--	--	--	--	--
ER-4	ER-04-159-051423-EB	N	-	-	GW	5/14/2023	--	--	--	--	--
FW-02B-127	FW-02B-127-0423	N	LF	-	GW	4/6/2023	57	5.1	13	250	160
MWP-08	MWP-08-0423	N	-	-	GW	5/9/2023	< 0.50 U	14	27	340	520

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-04 Water 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	Zinc, dissolved by method SW 6020 µg/L
ER-4	ER-04-159-051323	N	-	-	GW	5/13/2023	--	--
ER-4	ER-04-159-051423-EB	N	-	-	GW	5/14/2023	--	--
FW-02B-127	FW-02B-127-0423	N	LF	-	GW	4/6/2023	1100	< 10 U
MWP-08	MWP-08-0423	N	-	-	GW	5/9/2023	7000	30

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

- = no entry

Phase 2 2023-05 Water Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Alkalinity, total as CaCO3 by method SM 2320 B mg/L	Arsenic, dissolved by method SW 6020 µg/L	Barium, dissolved by method SW 6020 µg/L	Boron, dissolved by method SW 6010B mg/L	Bromide by method EPA 300.0 mg/L	Calcium, dissolved by method SW 6010B mg/L	Chloride by method EPA 300.0 mg/L
FW-02B-127	FW-02B-127-0523	N	GW	5/11/2023	96	< 0.10 U	110	0.54	< 1.0 U	110	550

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia, sulfide and TKN which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-05 Water Sampling

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	Fluoride by method EPA 300.0 mg/L	Hardness, Calcium (As CaCO3) by method SM 2340 B mg/L	Hardness, Magnesium (As CaCO3) by method SM 2340 B mg/L	Hardness, total as CaCO3 by method SM 2340 B mg/L	Iron, dissolved by method SW 6010B µg/L
FW-02B-127	FW-02B-127-0523	N	GW	5/11/2023	7.4	8.3	1.1	270	97	370	22

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-05 Water Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Magnesium, dissolved by method SW 6010B mg/L	Manganese, dissolved by method SW 6020 µg/L	Nitrate (as nitrogen) by method EPA 300.0 mg/L	Potassium, dissolved by method SW 6010B mg/L	Sodium, dissolved by method SW 6010B mg/L	Sulfate by method EPA 300.0 mg/L	Total dissolved solids by method SM 2540 C mg/L
FW-02B-127	FW-02B-127-0523	N	GW	5/11/2023	24	96	4.4	11	290	170	1300

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Phase 2 2023-05 Water Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Zinc, dissolved by method SW 6020 µg/L
FW-02B-127	FW-02B-127-0523	N	GW	5/11/2023	< 10 U

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of ammonia which were analyzed by BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated RCM 2023-02 Sampling

MW-24A	MW-24A-Q123	N	LF	-	GW	2/20/2023	< 0.20 U	< 1.0 U	--	--	--	--
MW-38D	MW-38D-Q123	N	LF	-	GW	2/20/2023	24	24	--	34	< 1.0 U	< 2.5 U
MW-38S	MW-38S-Q123	N	LF	-	GW	2/20/2023	31	30	--	8.4	5.5	4.7
MW-65-160	MW-65-160-Q123	N	LF	-	GW	2/17/2023	280	280	--	21	13	< 0.50 U
MW-65-225	MW-65-225-Q123	N	LF	-	GW	2/17/2023	450	470	--	24	8.7	7.5
MW-67-185	MW-67-185-Q123	N	LF	-	GW	2/17/2023	< 80 U	9.5	830	35	29	200
MW-67-185	MW-927-Q123	FD	-	MW-67-185-Q123	GW	2/17/2023	< 80 U	9.6	1100	27	28	160
MW-68-180	MW-68-180-Q123	N	LF	-	GW	2/17/2023	20000	20000	--	74	20	23
MW-69-195	MW-69-195-Q123	N	LF	-	GW	2/17/2023	280	300	--	55	13	13
MW-88-107	MW-88-107-Q123	N	LF	-	GW	2/20/2023	53	53	--	--	--	--
MW-95-113	MW-95-113-Q123	N	LF	-	GW	2/20/2023	1.6	1.8	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

FD = field duplicate

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

U = analyte not detected

Unvalidated RCM 2023-04 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	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 (as nitrogen) by method EPA 300.0 mg/L	Selenium, dissolved by method SW 6020 µg/L
MW-67-185	MW-67-185-0423	N	LF	GW	4/5/2023	< 80 U	120	860	22	24	160
MW-68-180	MW-68-180-0423	N	LF	GW	4/5/2023	6200	5600	--	55	--	--

Notes:

All samples were sent to Asset Laboratories for analyses.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste