

Hyd6 2023-05 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, dissolved by Method SW 6020A (µg/L)	Antimony, dissolved by Method SW 6020A (µg/L)	Arsenic, dissolved by Method SW 6020A (µg/L)	Barium, dissolved by Method SW 6020A (µg/L)	Beryllium, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	HNWR-01A-098-Q223	N	LF		GW	5/18/2023	117	< 1000 U	< 5.0 U	< 5.0 U	26.7	< 5.0 U
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	88.9	< 1000 U	< 5.0 U	< 5.0 U	27	< 5.0 U
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	74.7	< 1000 U	< 5.0 U	11	77.4	< 5.0 U
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	74	< 1000 U	< 5.0 U	19	93.2	< 5.0 U
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	82.8	< 1000 U	< 5.0 U	< 5.0 U	68.2	< 5.0 U
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	82.7	< 1000 U	< 5.0 U	8.27	80.2	< 5.0 U
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	83	< 1000 U	< 5.0 U	7.99	79.8	< 5.0 U
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	96.7	< 1000 U	< 5.0 U	12	102	< 5.0 U
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	340	< 1000 U	< 5.0 U	6.4	30.8	< 5.0 U
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	166	< 1000 U	< 5.0 U	6.56	81.2	< 5.0 U
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	654	< 1000 U	< 5.0 U	95.3	72.9	< 5.0 U
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	381	< 1000 U	< 5.0 U	59.2	59.6	< 5.0 U
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	385	< 1000 U	< 5.0 U	56.6	61.1	< 5.0 U
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	86.9	< 1000 U	< 5.0 U	< 5.0 U	29.9	< 5.0 U
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	87	< 1000 U	< 5.0 U	< 5.0 U	30.1	< 5.0 U
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	86	< 1000 U	< 5.0 U	< 5.0 U	30	< 5.0 U

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SW = solid waste

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
HNWR-01A-098	HNWR-01A-098-Q223	N	LF		GW	5/18/2023	0.15	< 5.0 U	32400	7.85	609	14.5
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	0.134	< 5.0 U	29300	7.07	523	14.4
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	0.751	< 5.0 U	79600	79.6	850	0.858
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	0.871	< 5.0 U	104000	103	629	11.2
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	0.646	< 5.0 U	55500	56.3	301	19.9
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	0.567 J	< 5.0 U	54800	52.1	397	6.4
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	0.61	< 5.0 U	57600	52.7	393	6.32
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	0.464 J	< 5.0 U	26100	26.2	206	14.9
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	1.16 J	< 5.0 U	62800	62.3	430	< 0.20 U
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	0.632 J	< 5.0 U	60400	60.1	425	2.33
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	2.07	< 5.0 U	340000	346	4040	< 0.20 U
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	2.09	< 5.0 U	225000	223	3730	< 0.20 U
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	2.03	< 5.0 U	222000	216	3690	< 1.0 U
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	0.0876	< 5.0 U	37200	11.1	299	32.6
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	0.0888	< 5.0 U	36800	9.03	309	32.3
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	0.0856	< 5.0 U	35700	9	311	32.6

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Deuterium by Method CF-IRMS (0/00)	Fluoride by Method EPA 300.0 (mg/L)	Iron, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	HNWR-01A-098-Q223	N	LF		GW	5/18/2023	6.73	< 5.0 U	< 10 U	-74.5	4.55	< 500 U
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	8.29	< 5.0 U	< 10 U	-74.9	4.51	< 500 U
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	< 5.0 U	< 5.0 U	< 10 U	-75	5.14	< 500 U
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	12.2	< 5.0 U	< 10 U	-75	5.27	< 500 U
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	22.3	< 5.0 U	< 10 U	-70.7	3.84	< 500 U
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	7.47	< 5.0 U	< 10 U	-72.9	3.38	< 500 U
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	7.61	< 5.0 U	< 10 U	-72.7	3.41	< 500 U
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	17.5	< 5.0 U	< 10 U	-73.6	3.86	< 500 U
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	< 5.0 U	< 5.0 U	< 10 U	-72.2	2.83	< 500 U
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	5.24	< 5.0 U	< 10 U	-73.6	3.91	< 500 U
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	< 5.0 U	< 5.0 U	< 10 U	-80.8	3.45	6620
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	< 5.0 U	< 5.0 U	< 10 U	-80	2.66	2980
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	< 5.0 U	< 5.0 U	< 10 U	-79.5	2.61	2990
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	26.2	< 5.0 U	< 10 U	-76.6	4.36	< 500 U
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	22.7	< 5.0 U	< 10 U	-76.2	4.3	< 500 U
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	19.2	< 5.0 U	< 10 U	-75.9	4.46	< 500 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Lead, dissolved by Method SW 6020A (µg/L)	Magnesium 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 7470A (µg/L)	Molybdenum, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	HNWR-01A-098-Q223	N	LF		GW	5/18/2023	< 5.0 U	2590	0.613	< 50 U	< 0.50 U	< 10 U
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	< 5.0 U	2310	0.544	< 50 U	< 0.50 U	< 10 U
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	< 5.0 U	4550	4.41	< 50 U	< 0.50 U	15.9
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	< 5.0 U	3830	3.69	< 50 U	< 0.50 U	20.2
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	< 5.0 U	12700	12.7	< 50 U	< 0.50 U	14.9
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	< 5.0 U	7800	7.34	53.3	< 0.50 U	21.8
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	< 5.0 U	7980	7.2	< 50 U	< 0.50 U	21.5
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	< 5.0 U	1740	1.7	< 50 U	< 0.50 U	11.8
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	< 5.0 U	22700	22.8	149	< 0.50 U	42.7
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	< 5.0 U	9420	9.82	< 50 U	< 0.50 U	20
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	< 5.0 U	177000	173	1300	< 0.50 U	39.8
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	< 5.0 U	112000	110	480	< 0.50 U	46.8
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	< 5.0 U	112000	107	493	< 0.50 U	49.5
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	< 5.0 U	7570	1.77	< 50 U	< 0.50 U	< 10 U
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	< 5.0 U	7550	1.83	< 50 U	< 0.50 U	< 10 U
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	< 5.0 U	7320	1.8	< 50 U	< 0.50 U	< 10 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Nickel, dissolved by Method SW 6020A (µg/L)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Oxygen 18 by Method CF-IRMS (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-098-Q223	N	LF		GW	5/18/2023	< 5.0 U	2.35	-10.05	7680	1.83	< 5.0 U
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	7.26	2.1	-10.04	6940	1.73	< 5.0 U
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	< 5.0 UJ	1.74	-10.04	7740	7.87 J	< 5.0 U
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	< 5.0 UJ	1.7	-9.99	8410	8.2 J	< 5.0 U
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	< 5.0 UJ	3.18	-9.51	6830	6.82 J	< 5.0 U
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	80 J	1.98	-9.74	7680	7.82 J	< 5.0 U
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	76.1 J	1.84	-9.71	7830	7.77 J	< 5.0 U
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	< 5.0 UJ	2.34	-10	6000	6.09 J	< 5.0 U
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	7.95 J	< 0.10 U	-9.59	11700	11.6 J	< 5.0 U
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	13 J	2.6	-9.77	8600	8.79 J	< 5.0 U
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	< 5.0 U	< 0.20 U	-10.14	22000	21.8	< 5.0 U
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	< 5.0 U	< 0.20 U	-10.08	19500	20.3	< 5.0 U
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	< 5.0 U	< 0.20 U	-10.03	19000	18.7	< 5.0 U
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	9.53	2.42	-10.19	5990	1.47	< 5.0 U
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	8.04	2.39	-10.2	6000	1.49	< 5.0 U
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	7.28	2.59	-10.22	5770	1.52	< 5.0 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Silver, dissolved by Method SW 6020A (µg/L)	Sodium by Method SW 6020A (µg/L)	Sodium, dissolved by Method SW 6020A (mg/L)	Sulfate by Method EPA 300.0 (mg/L)	Thallium, dissolved by Method SW 6020A (µg/L)	Total dissolved solids by Method SM 2540 C (mg/L)
HNWR-01A-098	HNWR-01A-098-Q223	N	LF		GW	5/18/2023	< 5.0 U	452000	112	76.3	< 5.0 U	1220
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	< 5.0 U	400000	101	70.8	< 5.0 U	1050
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	< 5.0 U	361000	372	125	< 5.0 U	1710
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	< 5.0 U	407000	401	125	< 5.0 U	1350
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	< 5.0 U	230000	231	135	< 5.0 U	802
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	< 5.0 U	293000	289	95.8	< 5.0 U	922
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	< 5.0 U	292000	290	96.8	< 5.0 U	884
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	< 5.0 U	199000	203	57.5	< 5.0 U	561
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	< 5.0 U	449000	445	209	< 5.0 U	1360
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	< 5.0 U	330000	337	128	< 5.0 U	1060
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	< 5.0 U	2750000	2,750	1180	< 5.0 U	8800
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	< 5.0 U	2530000	2640	962	< 5.0 U	7420
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	< 5.0 U	2560000	2570	880	< 5.0 U	7420
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	< 5.0 U	233000	73	68.5	< 5.0 U	746
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	< 5.0 U	232000	59.6	69.5	< 5.0 U	741
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	< 5.0 U	230000	60.2	69.6	< 5.0 U	737

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by Method SW 9060A (mg/L)	Vanadium, dissolved by Method SW 6020A (µg/L)	Zinc, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	HNWR-01A-098-Q223	N	LF		GW	5/18/2023	< 1.0 U	< 5.0 U	242
HNWR-01A-174	HNWR-01A-174-Q223	N	LF		GW	5/18/2023	< 1.0 U	< 5.0 U	239
MTS-1	MTS-1-Q223	N	EP		GW	5/19/2023	< 1.0 U	6.57	100 R
MTS-2	MTS-2-Q223	N	EP		GW	5/19/2023	< 1.0 U	13.1	100 R
MW-94-030	MW-94-030-Q223	N	LF		GW	5/19/2023	< 1.0 U	16.2	100 R
MW-94-100	MW-94-100-Q223	N	LF		GW	5/19/2023	< 2.0 U	14.2	100 R
MW-94-100	MW-901-Q223	FD		MW-94-100-Q223	GW	5/19/2023	< 2.0 U	14.5	100 R
MW-94-175	MW-94-175-Q223	N	LF		GW	5/19/2023	< 1.0 U	19.6	100 R
MW-99-060	MW-99-060-Q223	N	LF		GW	5/19/2023	2.15	< 5.0 U	100 R
MW-99-140	MW-99-140-Q223	N	LF		GW	5/19/2023	< 1.0 U	9.93	268 J
PGE-09N	PGE-09N-Q223	N	LF		GW	5/18/2023	10.6	< 5.0 U	248
PGE-09S	PGE-09S-Q223	N	LF		GW	5/18/2023	7.62	< 5.0 U	238
PGE-09S	MW-902-Q223	FD		PGE-09S-Q223	GW	5/18/2023	7.45	< 5.0 U	< 100 U
SITE B-165	SITE B-165-Q223	N	3V		GW	5/18/2023	< 1.0 U	5.08	240
SITE B-220	SITE B-220-Q223	N	3V		GW	5/18/2023	< 1.0 U	< 5.0 U	249
SITE B-285	SITE B-285-Q223	N	3V		GW	5/18/2023	< 1.0 U	< 5.0 U	240

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Non-Routine Sampling 2023-Q2

Location ID	Sample ID	Sample Type	Sample Method	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)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 B (mg/L)
PT1D	PT1D-0623	N	LF	GW	6/16/2023	< 0.10 U	59	< 1.0 U	34	2400	< 0.50 U	970	< 1.0 U
PT2D	PT2D-0623	N	LF	GW	6/16/2023	< 0.10 U	47	< 1.0 U	85	1800	< 0.50 U	730	< 1.0 U
PT3D	PT3D-0623	N	LF	GW	6/16/2023	< 0.10 U	32	22	< 20 U	120	< 0.50 U	920	< 1.0 U
PT4D	PT4D-0623	N	LF	GW	6/16/2023	< 0.10 U	33	49	< 20 U	1.4	0.91	1000	< 1.0 U
PT6D	PT6D-0623	N	LF	GW	6/16/2023	< 0.10 U	36	260	< 20 U	4.6	0.92	960	< 1.0 U

Notes:

All samples were sent to Asset Laboratory for analyses.

< = 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

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)	Total organic carbon by Method SM 5310 B (mg/L)
CAB_MIXER_606	CAB_MIXER_606-061523	N	Water	6/15/2023	--	--	--	--	1100
CAB_MIXER_607	CAB_MIXER_607-061523	N	Water	6/15/2023	--	--	--	--	3100
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-20230418	N	Water	4/18/2023	0.61	32	40	140	--
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_EFF	RPWC_EFF-20230516	N	Water	5/16/2023	0.23	27	110	120	--
RPWC_EFF	RPWC_EFF-20230523	N	Water	5/23/2023	< 0.20 U	14	140	230	--
RPWC_EFF	RPWC_EFF-20230531	N	Water	5/31/2023	< 0.20 U	7.6	290	390	--
RPWC_EFF	RPWC_EFF-20230606	N	Water	6/6/2023	< 0.20 U	6	550	680	--
RPWC_EFF	RPWC_EFF-20230613	N	Water	6/13/2023	< 0.20 U	6.3	160	580	--
RPWC_EFF	RPWC_EFF-20230620	N	Water	6/20/2023	< 0.20 U	7.5	26	2400	--
RPWC_EFF	RPWC_EFF-20230627	N	Water	6/27/2023	< 1.0 U	5.9	270	3600	--
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-20230418	N	Water	4/18/2023	0.77	48	44	140	--
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_INF	RPWC_INF-20230516	N	Water	5/16/2023	0.48	52	53	150	--
RPWC_INF	RPWC_INF-20230523	N	Water	5/23/2023	< 0.20 U	12	35	270	--
RPWC_INF	RPWC_INF-20230531	N	Water	5/31/2023	< 0.20 U	21	120	420	--
RPWC_INF	RPWC_INF-20230606	N	Water	6/6/2023	< 0.20 U	35	620	640	--
RPWC_INF	RPWC_INF-20230613	N	Water	6/13/2023	0.29	16	170	620	--
RPWC_INF	RPWC_INF-20230620	N	Water	6/20/2023	0.37	15	27	2600	--
RPWC_INF	RPWC_INF-20230627	N	Water	6/27/2023	< 1.0 U	14	300	2200	--
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-20230418	N	Water	4/18/2023	0.47	130	41	130	--
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	--
RPWC_MID	RPWC_MID-20230516	N	Water	5/16/2023	0.39	28	65	140	--
RPWC_MID	RPWC_MID-20230523	N	Water	5/23/2023	< 0.20 U	9.4	190	180	--
RPWC_MID	RPWC_MID-20230531	N	Water	5/31/2023	< 0.20 U	12	300	280	--
RPWC_MID	RPWC_MID-20230606	N	Water	6/6/2023	< 0.20 U	8.8	630	470	--
RPWC_MID	RPWC_MID-20230613	N	Water	6/13/2023	< 0.20 U	7	150	580	--
RPWC_MID	RPWC_MID-20230620	N	Water	6/20/2023	0.29	3.1	590	870	--
RPWC_MID	RPWC_MID-20230627	N	Water	6/27/2023	< 1.0 U	6.8	120	2500	--

Notes:

All samples were sent to Asset Laboratory for analyses.
 < = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = not analyzed
 µg/L = micrograms per liter
 EPA = Environmental Protection Agency
 mg/L = milligrams per liter
 N = Normal
 SM = standard method
 SW = solid waste

Unvalidated PCM 2023-06 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)	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	1.3	32 J	530	200 J	4.4	17	--	320	1.2
MW-20-100	MW-20-100-0423	N	LF		GW	4/5/2023	< 0.10 U	44 J	1800	150 J	2.2	8.5	--	540	1.9
MW-20-130	MW-20-130-0423	N	LF		GW	4/5/2023	< 0.10 U	36 J	1800	170 J	8.7	5.3	--	1400	4.4
MW-21	MW-21-0423	N	LF		GW	4/5/2023	13	32 J	< 0.20 U	520 J	210	< 0.50 U	--	990	4.9
MW-26	MW-26-0423	N	LF		GW	4/5/2023	< 0.10 U	120 J	1	510 J	870	< 0.50 U	--	330	2
MW-30-050	MW-30-050-0423	N	LF		GW	4/6/2023	< 0.10 U	31	< 0.20 U	420	5.7	< 0.50 U	--	210	2.5
MW-31-060	MW-31-060-0423	N	LF		GW	4/4/2023	0.86 J	140	0.41	65	840 J	< 0.50 U	--	100	3.6
MW-31-135	MW-31-135-0423	N	LF		GW	4/4/2023	< 0.10 UJ	37	16	< 20 U	5.3 J	< 0.50 U	--	550	1.1
MW-34-080	MW-34-080-0423	N	LF		GW	4/5/2023	< 0.10 U	43 J	< 0.20 U	1200 J	160	< 0.50 U	--	750	1.7
MW-36-090	MW-36-090-0423	N	LF		GW	4/4/2023	< 0.10 UJ	76	< 0.20 U	85	230 J	< 0.50 U	--	490	< 1.0 U
MW-36-100	MW-36-100-0423	N	LF		GW	4/4/2023	2.2 J	69	< 0.20 U	1000	620 J	< 0.50 U	< 0.10 U	440	2.3
MW-36-100	MW-904-Q223	FD		MW-36-100-0423	GW	4/4/2023	2.2 J	71	< 0.20 U	980	650 J	< 0.50 U	< 0.10 U	490	2.4
MW-39-040	MW-39-040-0423	N	LF		GW	4/6/2023	11	81	< 0.20 U	390	100	< 0.25 U	--	120	< 1.0 U
MW-39-050	MW-39-050-0423	N	LF		GW	4/6/2023	1.6	45	< 0.20 U	47	210	< 0.25 U	--	200	2.1
MW-39-060	MW-39-060-0423	N	LF		GW	4/6/2023	1.5	43	< 0.20 U	130	250	< 0.25 U	--	230	2.6
MW-39-070	MW-39-070-0423	N	LF		GW	4/6/2023	0.34	78	< 0.20 U	41	25	< 0.50 U	--	410	3.6
MW-39-080	MW-39-080-0423	N	LF		GW	4/6/2023	2.4	21	40	46	350	< 0.50 U	--	720	1.4
MW-39-100	MW-39-100-0423	N	LF		GW	4/6/2023	< 0.10 U	29	200	31	8.3	< 0.50 U	--	1000	2.2
MW-44-115	MW-44-115-0423	N	LF		GW	4/4/2023	< 0.10 UJ	23	10	< 20 U	8.7 J	< 0.50 U	--	1000	< 1.0 U
MW-44-125	MW-44-125-0423	N	LF		GW	4/4/2023	< 0.10 UJ	43	1.1	240	440 J	< 0.50 U	< 0.10 U	1100	1.1
MW-44-125	MW-905-Q223	FD		MW-44-125-0423	GW	4/4/2023	< 0.10 UJ	42	< 1.0 U	260	440 J	< 0.50 U	< 0.10 U	1100	< 1.0 U
MW-45-095A	MW-45-095A-0423	N	LF		GW	4/5/2023	< 0.10 U	31 J	1.3	250 J	91	< 0.50 U	--	490	1.2
MW-51	MW-51-0423	N	LF		GW	4/5/2023	1.9	67 J	0.77	370 J	240	< 0.50 U	--	50	14
MW-71-035	MW-71-035-0423	N	LF		GW	4/5/2023	2.1 J	42 J	1.2 J	360 J	16 J	2.6 J	2.6	1000	3.6
MW-71-035	MW-903-Q223	FD		MW-71-035-0423	GW	4/5/2023	3.4 J	51 J	1.5 J	830 J	9.3 J	3.8 J	2.6	880	4.5
MW-76-039	MW-76-039-0423	N	LF		GW	4/3/2023	< 0.10 U	140 J	180	77	1.9 J	1.1	--	480	1.2
MW-76-156	MW-76-156-0423	N	LF		GW	4/3/2023	< 0.10 U	38 J	44	< 20 U	7.2 J	< 0.50 U	--	520	1.2
MW-76-181	MW-76-181-0423	N	LF		GW	4/3/2023	< 0.10 U	41 J	370	< 20 U	18 J	< 0.50 U	--	700	1.4
MW-76-218	MW-76-218-0423	N	LF		GW	4/3/2023	0.36 J	44 J	< 1.0 U	< 20 U	84 J	< 0.50 U	--	510	1.7
MW-77-046	MW-77-046-0423	N	LF		GW	4/3/2023	1.4	59 J	2.6	< 20 U	470 J	< 0.50 U	--	420	--
MW-77-102	MW-77-102-0423	N	LF		GW	4/3/2023	< 0.10 U	76 J	< 1.0 U	< 20 U	120 J	0.75	--	700	--
MW-77-158	MW-77-158-0423	N	LF		GW	4/3/2023	< 0.10 U	40 J	< 1.0 U	38	55 J	< 0.50 U	--	370	1.3
MW-77-187	MW-77-187-0423	N	LF		GW	4/3/2023	< 0.10 U	23 J	18	< 20 U	12 J	< 0.50 U	--	620	1.2
MW-78-070	MW-78-070-0423	N	LF		GW	4/5/2023	< 0.10 U	140 J	20	250 J	76	< 0.50 U	--	330	1.1
MW-78-142	MW-78-142-0423	N	LF		GW	4/5/2023	0.66	33 J	2000	180 J	6.7	3.3	--	620	1.3
MW-79-058	MW-79-058-0423	N	LF		GW	4/5/2023	< 0.10 U	180 J	160	250 J	4.9	< 0.50 U	--	420	1.2
MW-79-102	MW-79-102-0423	N	LF		GW	4/5/2023	< 0.10 U	62 J	46 J	140 J	33 J	< 0.50 U	--	380	1.3
MW-79-102	MW-906-Q223	FD		MW-79-102-0423	GW	4/5/2023	< 0.10 U	63 J	6.2 J	170 J	350 J	< 0.50 U	--	370	1.1
MW-80-057	MW-80-057-0423	N	LF		GW	4/5/2023	< 0.10 U	80 J	250	160 J	3.5	3.4	--	440	1.1
MW-80-082	MW-80-082-0423	N	LF		GW	4/5/2023	0.97	75 J	6.5	160 J	380	< 0.50 U	--	360	1.1
MW-81-043	MW-81-043-0423	N	LF		GW	4/4/2023	< 0.10 UJ	150	15	< 20 U	31 J	< 0.50 U	--	460	< 1.0 U
MW-81-098	MW-81-098-0423	N	LF		GW	4/4/2023	< 0.10 UJ	50	9.9	22	80 J	0.52	--	740	1.2
MW-82-046	MW-82-046-0423	N	LF		GW	4/4/2023	19 J	61	< 1.0 U	6500	320 J	< 0.50 U	--	1800	14
MW-82-112	MW-82-112-0423	N	LF		GW	4/4/2023	< 0.10 UJ	64	< 1.0 U	100	150 J	1.2	--	780	1
MW-82-168	MW-82-168-0423	N	LF		GW	4/4/2023	< 0.10 UJ	36	< 0.20 U	87	43 J	< 0.50 U	--	400	1.2
MW-82-198	MW-82-198-0423	N	LF		GW	4/4/2023	< 0.10 UJ	38	0.24	25	22 J	< 0.50 U	--	580	< 1.0 U
MW-82-198	MW-907-Q223	FD		MW-82-198-0423	GW	4/4/2023	< 0.10 UJ	39	0.24	22	23 J	< 0.50 U	--	580	< 1.0 U
TW-02D	TW-02D-0423	N	LF		GW	4/4/2023	2.5 J	16	19	< 20 U	55 J	< 0.50 U	--	500	< 1.0 U
TW-02S	TW-02S-0423	N	LF		GW	4/4/2023	< 0.10 UJ	240	44	< 20 U	< 0.50 UJ	< 0.50 U	--	470	< 1.0 U
TW-03D	TW-03D-0423	N	LF		GW	4/4/2023	1.9 J	21	42	< 20 U	32 J	< 0.50 U	--	530	1

Unvalidated PCM 2023-06 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)
IRZ-09-100	IRZ-09-100-Q223	N	EP		GW	5/9/2023	--	--	14	--	23	< 20 U
IRZ-13D-210	IRZ-13D-210-Q223	N	EP		GW	5/9/2023	--	--	210	--	< 20 U	< 20 U
IRZ-13S-095	IRZ-13S-095-Q223	N	EP		GW	5/9/2023	--	--	60	--	180	< 20 U
IRZ-21-065	IRZ-21-065-Q223	N	EP		GW	6/16/2023	< 0.10 U	50	5.7	6.8	--	< 20 U
IRZ-21-157	IRZ-21-157-Q223	N	EP		GW	6/16/2023	< 0.10 U	45	5.4	7.7	--	< 20 U
IRZ-23-143	IRZ-23-143-Q223	N	EP		GW	5/9/2023	--	--	570	--	270	< 20 U
IRZ-25-100	IRZ-25-100-Q223	N	EP		GW	6/16/2023	< 0.10 U	120	610	710	--	30
IRZ-25-166	IRZ-25-166-Q223	N	EP		GW	6/16/2023	< 0.10 U	210	120	120	--	< 20 U
MW-20-070	MW-20-070-Q223	N	LF		GW	5/12/2023	1.4	26	290	290	--	< 20 U
MW-20-100	MW-20-100-Q223	N	LF		GW	5/12/2023	< 0.10 U	61	930	1100	--	< 20 U
MW-20-130	MW-20-130-Q223	N	LF		GW	5/12/2023	< 0.10 U	30	1300	1400	--	21
MW-20-130	MW-910-Q223	FD		MW-20-130-Q223	GW	5/12/2023	< 0.10 U	28	1200	1900	--	< 20 U
MW-21	MW-21-Q223	N	LF		GW	5/12/2023	8.5	28	< 0.20 U	1.7	--	240
MW-22	MW-22-Q223	N	LF		GW	5/23/2023	3.3	210	< 1.0 U	< 1.0 U	--	13000
MW-26	MW-26-Q223	N	LF		GW	5/12/2023	< 0.10 U	84	1.2	1.5	--	< 20 U
MW-27-020	MW-27-020-Q223	N	LF		GW	5/24/2023	0.56	98	< 0.20 U	< 1.0 U	--	< 20 U
MW-27-060	MW-27-060-Q223	N	LF		GW	5/24/2023	9.6	100	< 0.20 U	< 1.0 U	--	470
MW-27-060	MW-911-Q223	FD		MW-27-060-Q223	GW	5/24/2023	9.5	98	< 0.20 U	< 1.0 U	--	500
MW-27-085	MW-27-085-Q223	N	LF		GW	5/24/2023	< 0.10 U	40	< 1.0 U	< 1.0 U	--	210
MW-28-025	MW-28-025-Q223	N	LF		GW	5/24/2023	0.71	65	< 0.20 U	< 1.0 U	--	< 20 U
MW-28-090	MW-28-090-Q223	N	LF		GW	5/24/2023	< 0.10 U	30	< 0.20 U	< 1.0 U	--	1100
MW-29	MW-29-Q223	N	LF		GW	5/23/2023	--	--	< 0.20 U	< 1.0 U	--	--
MW-30-030	MW-30-030-Q223	N	LF		GW	5/11/2023	< 0.50 U	79	< 1.0 U	< 5.0 U	--	310
MW-30-050	MW-30-050-Q223	N	LF		GW	5/11/2023	2.4	23	< 0.20 U	< 1.0 U	--	76
MW-31-060	MW-31-060-Q223	N	LF		GW	5/12/2023	< 0.10 U	420	< 0.20 U	< 1.0 U	--	65
MW-31-135	MW-31-135-Q223	N	LF		GW	5/12/2023	< 0.10 U	41	< 0.20 U	< 1.0 U	--	42
MW-32-020	MW-32-020-Q223	N	LF		GW	5/23/2023	< 0.10 U	71	< 1.0 U	< 1.0 U	--	5700
MW-32-020	MW-912-Q223	FD		MW-912-Q223	GW	5/23/2023	< 0.10 U	66	< 1.0 U	< 1.0 U	--	5800
MW-32-035	MW-32-035-Q223	N	LF		GW	5/23/2023	16	130	< 1.0 U	< 1.0 U	--	9800
MW-33-040	MW-33-040-Q223	N	LF		GW	5/24/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-33-090	MW-33-090-Q223	N	LF		GW	5/24/2023	--	--	5	5.3	--	--
MW-33-150	MW-33-150-Q223	N	LF		GW	5/24/2023	--	--	8.1	8.4	--	--
MW-33-210	MW-33-210-Q223	N	LF		GW	5/24/2023	--	--	12	12	--	--
MW-34-055	MW-34-055-Q223	N	LF		GW	5/10/2023	4.7	39	< 0.20 U	< 1.0 U	--	120
MW-34-080	MW-34-080-Q223	N	LF		GW	5/10/2023	< 0.10 U	42	< 0.20 U	< 1.0 U	--	960
MW-34-080	MW-913-Q223	FD		MW-34-080-Q223	GW	5/10/2023	< 0.10 U	42	< 0.20 U	< 1.0 U	--	920
MW-34-100	MW-34-100-Q223	N	LF		GW	5/10/2023	< 0.10 U	21	< 1.0 U	< 1.0 U	--	25
MW-35-060	MW-35-060-Q223	N	LF		GW	5/23/2023	--	--	20	20	--	--
MW-35-135	MW-35-135-Q223	N	LF		GW	5/23/2023	--	--	24	24	--	--
MW-36-020	MW-36-020-Q223	N	LF		GW	5/23/2023	0.79	100	< 0.20 U	< 1.0 U	--	880
MW-36-040	MW-36-040-Q223	N	LF		GW	5/23/2023	6.7	76	< 0.20 U	< 1.0 U	--	630
MW-36-050	MW-36-050-Q223	N	LF		GW	5/23/2023	4.8	35	< 0.20 U	< 1.0 U	--	210
MW-36-070	MW-36-070-Q223	N	LF		GW	5/23/2023	2	38	< 0.20 U	--	--	130
MW-36-090	MW-36-090-Q223	N			GW	5/10/2023	0.54	76	< 0.20 U	< 1.0 U	--	48

Unvalidated PCM 2023-06 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)	Selenium, dissolved by Method SW 6020 (µg/L)	Sulfate by Method EPA 300.0 (mg/L)
IRZ-09-100	IRZ-09-100-Q223	N	EP		GW	5/9/2023	0.58	--	1.1	--	--	500
IRZ-13D-210	IRZ-13D-210-Q223	N	EP		GW	5/9/2023	3.5	--	< 0.50 U	--	--	610
IRZ-13S-095	IRZ-13S-095-Q223	N	EP		GW	5/9/2023	3	--	0.86	--	--	430
IRZ-21-065	IRZ-21-065-Q223	N	EP		GW	6/16/2023	30	15	< 0.25 U	--	< 0.50 U	240
IRZ-21-157	IRZ-21-157-Q223	N	EP		GW	6/16/2023	29	16	< 0.25 U	--	< 0.50 U	240
IRZ-23-143	IRZ-23-143-Q223	N	EP		GW	5/9/2023	< 0.50 U	--	2.5	--	--	490
IRZ-25-100	IRZ-25-100-Q223	N	EP		GW	6/16/2023	4.1	12	2.9	--	2.7	410
IRZ-25-166	IRZ-25-166-Q223	N	EP		GW	6/16/2023	< 0.50 U	4.5	< 0.50 U	--	0.57	420
MW-20-070	MW-20-070-Q223	N	LF		GW	5/12/2023	1	20	14	--	11	290
MW-20-100	MW-20-100-Q223	N	LF		GW	5/12/2023	< 0.50 U	4.7	5.2	--	14	760
MW-20-130	MW-20-130-Q223	N	LF		GW	5/12/2023	3.4	5.6	6.3	--	17	970
MW-20-130	MW-910-Q223	FD		MW-20-130-Q223	GW	5/12/2023	2.8	7.6	7	--	24	960
MW-21	MW-21-Q223	N	LF		GW	5/12/2023	150	82	< 0.50 U	--	0.62	1100
MW-22	MW-22-Q223	N	LF		GW	5/23/2023	2500	--	< 0.50 U	< 0.10 U	--	--
MW-26	MW-26-Q223	N	LF		GW	5/12/2023	1800	7.4	< 0.50 U	--	< 0.50 U	340
MW-27-020	MW-27-020-Q223	N	LF		GW	5/24/2023	26	--	1.3	--	--	--
MW-27-060	MW-27-060-Q223	N	LF		GW	5/24/2023	290	--	< 0.25 U	< 0.10 U	--	--
MW-27-060	MW-911-Q223	FD		MW-27-060-Q223	GW	5/24/2023	270	--	< 0.25 U	< 0.10 U	--	--
MW-27-085	MW-27-085-Q223	N	LF		GW	5/24/2023	220	--	< 0.25 U	< 0.10 U	--	--
MW-28-025	MW-28-025-Q223	N	LF		GW	5/24/2023	16	--	< 0.10 U	--	--	--
MW-28-090	MW-28-090-Q223	N	LF		GW	5/24/2023	430	--	< 0.25 U	--	--	--
MW-29	MW-29-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-30-030	MW-30-030-Q223	N	LF		GW	5/11/2023	66	--	< 0.25 U	--	--	--
MW-30-050	MW-30-050-Q223	N	LF		GW	5/11/2023	380	--	< 0.50 U	--	--	210
MW-31-060	MW-31-060-Q223	N	LF		GW	5/12/2023	1900	1.4	< 0.50 U	--	< 0.50 U	160
MW-31-135	MW-31-135-Q223	N	LF		GW	5/12/2023	22	31	< 0.50 U	--	< 0.50 U	540
MW-32-020	MW-32-020-Q223	N	LF		GW	5/23/2023	290	--	< 0.50 U	--	--	--
MW-32-020	MW-912-Q223	FD		MW-912-Q223	GW	5/23/2023	240	--	< 0.50 U	--	--	--
MW-32-035	MW-32-035-Q223	N	LF		GW	5/23/2023	680	--	< 0.50 U	< 0.10 U	--	--
MW-33-040	MW-33-040-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-33-090	MW-33-090-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-33-150	MW-33-150-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-33-210	MW-33-210-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-34-055	MW-34-055-Q223	N	LF		GW	5/10/2023	130	--	< 0.25 U	< 0.10 U	--	--
MW-34-080	MW-34-080-Q223	N	LF		GW	5/10/2023	180	--	< 0.50 U	--	--	650
MW-34-080	MW-913-Q223	FD		MW-34-080-Q223	GW	5/10/2023	180	--	< 0.50 U	--	--	640
MW-34-100	MW-34-100-Q223	N	LF		GW	5/10/2023	75	--	< 0.25 U	< 0.10 U	--	--
MW-35-060	MW-35-060-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-35-135	MW-35-135-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-36-020	MW-36-020-Q223	N	LF		GW	5/23/2023	240	--	< 0.10 U	--	--	--
MW-36-040	MW-36-040-Q223	N	LF		GW	5/23/2023	220	--	< 0.10 U	< 0.10 U	--	--
MW-36-050	MW-36-050-Q223	N	LF		GW	5/23/2023	250	--	< 0.10 U	--	--	--
MW-36-070	MW-36-070-Q223	N	LF		GW	5/23/2023	270	--	< 0.10 U	--	--	--
MW-36-090	MW-36-090-Q223	N			GW	5/10/2023	190	--	< 0.50 U	--	--	470

Unvalidated PCM 2023-06 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 SM5310B (mg/L)
IRZ-09-100	IRZ-09-100-Q223	N	EP		GW	5/9/2023	< 1.0 U	--
IRZ-13D-210	IRZ-13D-210-Q223	N	EP		GW	5/9/2023	< 1.0 U	--
IRZ-13S-095	IRZ-13S-095-Q223	N	EP		GW	5/9/2023	< 1.0 U	--
IRZ-21-065	IRZ-21-065-Q223	N	EP		GW	6/16/2023	1.2	--
IRZ-21-157	IRZ-21-157-Q223	N	EP		GW	6/16/2023	2.5	--
IRZ-23-143	IRZ-23-143-Q223	N	EP		GW	5/9/2023	1.1 J	--
IRZ-25-100	IRZ-25-100-Q223	N	EP		GW	6/16/2023	< 1.0 U	--
IRZ-25-166	IRZ-25-166-Q223	N	EP		GW	6/16/2023	< 1.0 U	--
MW-20-070	MW-20-070-Q223	N	LF		GW	5/12/2023	1.2 J	--
MW-20-100	MW-20-100-Q223	N	LF		GW	5/12/2023	4.4 J	--
MW-20-130	MW-20-130-Q223	N	LF		GW	5/12/2023	3.1 J	--
MW-20-130	MW-910-Q223	FD		MW-20-130-Q223	GW	5/12/2023	2.9 J	--
MW-21	MW-21-Q223	N	LF		GW	5/12/2023	3.4 J	--
MW-22	MW-22-Q223	N	LF		GW	5/23/2023	1	--
MW-26	MW-26-Q223	N	LF		GW	5/12/2023	2 J	--
MW-27-020	MW-27-020-Q223	N	LF		GW	5/24/2023	1.4	--
MW-27-060	MW-27-060-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-27-060	MW-911-Q223	FD		MW-27-060-Q223	GW	5/24/2023	< 1.0 U	--
MW-27-085	MW-27-085-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-28-025	MW-28-025-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-28-090	MW-28-090-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-29	MW-29-Q223	N	LF		GW	5/23/2023	--	--
MW-30-030	MW-30-030-Q223	N	LF		GW	5/11/2023	12 J	--
MW-30-050	MW-30-050-Q223	N	LF		GW	5/11/2023	2.8 J	--
MW-31-060	MW-31-060-Q223	N	LF		GW	5/12/2023	3.4 J	--
MW-31-135	MW-31-135-Q223	N	LF		GW	5/12/2023	1 J	--
MW-32-020	MW-32-020-Q223	N	LF		GW	5/23/2023	50	--
MW-32-020	MW-912-Q223	FD		MW-912-Q223	GW	5/23/2023	47	--
MW-32-035	MW-32-035-Q223	N	LF		GW	5/23/2023	2.7	--
MW-33-040	MW-33-040-Q223	N	LF		GW	5/24/2023	--	--
MW-33-090	MW-33-090-Q223	N	LF		GW	5/24/2023	--	--
MW-33-150	MW-33-150-Q223	N	LF		GW	5/24/2023	--	--
MW-33-210	MW-33-210-Q223	N	LF		GW	5/24/2023	--	--
MW-34-055	MW-34-055-Q223	N	LF		GW	5/10/2023	2.3 J	--
MW-34-080	MW-34-080-Q223	N	LF		GW	5/10/2023	2.2 J	--
MW-34-080	MW-913-Q223	FD		MW-34-080-Q223	GW	5/10/2023	1.8 J	--
MW-34-100	MW-34-100-Q223	N	LF		GW	5/10/2023	2.1 J	--
MW-35-060	MW-35-060-Q223	N	LF		GW	5/23/2023	--	--
MW-35-135	MW-35-135-Q223	N	LF		GW	5/23/2023	--	--
MW-36-020	MW-36-020-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-36-040	MW-36-040-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-36-050	MW-36-050-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-36-070	MW-36-070-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-36-090	MW-36-090-Q223	N			GW	5/10/2023	1.5 J	--

Unvalidated PCM 2023-06 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)
MW-36-100	MW-36-100-Q223	N			GW	5/10/2023	3.3	81	< 0.20 U	< 1.0 U	--	1100
MW-39-040	MW-39-040-Q223	N			GW	5/10/2023	15	69	< 0.20 U	< 1.0 U	--	170
MW-39-050	MW-39-050-Q223	N			GW	5/10/2023	2	47	< 0.20 U	< 1.0 U	--	< 20 U
MW-39-060	MW-39-060-Q223	N			GW	5/10/2023	2.3	34	< 0.20 U	< 1.0 U	--	< 20 U
MW-39-070	MW-39-070-Q223	N			GW	5/10/2023	1	75	< 0.20 U	< 1.0 U	--	30
MW-39-080	MW-39-080-Q223	N			GW	5/10/2023	< 0.10 U	30	26	33	--	< 20 U
MW-39-080	MW-914-Q223	FD		MW-39-080-Q223	GW	5/10/2023	< 0.10 U	42	< 0.20 U	2.1	--	23
MW-39-100	MW-39-100-Q223	N			GW	5/10/2023	< 0.10 U	38	1500	1500	--	< 20 U
MW-42-030	MW-42-030-Q223	N	LF		GW	5/22/2023	2.1	97	< 0.20 U	< 1.0 U	--	360
MW-42-055	MW-42-055-Q223	N	LF		GW	5/22/2023	11	180	< 0.20 U	< 1.0 U	--	220
MW-42-065	MW-42-065-Q223	N	LF		GW	5/22/2023	< 0.10 U	110	< 0.20 U	< 1.0 U	--	39
MW-43-025	MW-43-025-Q223	N	LF		GW	5/23/2023	21	90	< 0.20 U	< 1.0 U	--	4300
MW-43-025	MW-915-Q223	FD		MW-915-Q223	GW	5/23/2023	21	91	< 0.20 U	< 1.0 U	--	4400
MW-43-075	MW-43-075-Q223	N	LF		GW	5/23/2023	7.1	60	< 1.0 U	< 1.0 U	--	3200
MW-43-090	MW-43-090-Q223	N	LF		GW	5/23/2023	< 0.10 U	62	< 1.0 U	< 1.0 U	--	1300
MW-44-070	MW-44-070-Q223	N			GW	5/24/2023	1.7	47	< 0.20 U	< 1.0 U	--	590
MW-44-115	MW-44-115-Q223	N	LF		GW	5/8/2023	< 0.10 U	24	12	12	--	< 20 U
MW-44-125	MW-44-125-Q223	N			GW	5/24/2023	< 0.10 U	46	2	3.6	--	110
MW-45-095A	MW-45-095A-Q223	N	LF		GW	5/10/2023	< 0.10 U	29	0.99	2.4	--	< 20 U
MW-46-175	MW-46-175-Q223	N	LF		GW	5/25/2023	< 0.10 U	25	7.7	7.2	--	< 20 U
MW-46-205	MW-46-205-Q223	N	LF		GW	5/25/2023	< 0.10 U	30	1.3	1.5	--	< 20 U
MW-47-055	MW-47-055-Q223	N	LF		GW	5/24/2023	--	--	16	17	--	--
MW-47-115	MW-47-115-Q223	N	LF		GW	5/24/2023	--	--	21	23	--	--
MW-47-115	MW-916-Q223	FD		MW-47-115-Q223	GW	5/24/2023	--	--	21	22	--	--
MW-49-135	MW-49-135-Q223	N	LF		GW	5/23/2023	--	--	3	3	--	--
MW-49-275	MW-49-275-Q223	N	LF		GW	5/23/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-49-365	MW-49-365-Q223	N	LF		GW	5/23/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-51	MW-51-Q223	N	LF		GW	5/12/2023	1.7	60	0.72	10	--	230
MW-52D	MW-52D-Q223	N	LF		GW	5/23/2023	< 0.10 U	39	< 1.0 U	< 1.0 U	--	580
MW-52M	MW-52M-Q223	N	LF		GW	5/23/2023	< 0.10 U	61	< 1.0 U	< 1.0 U	--	1000
MW-52S	MW-52S-Q223	N	LF		GW	5/23/2023	< 0.10 U	520	< 1.0 U	< 1.0 U	--	22000
MW-53D	MW-53D-Q223	N	LF		GW	5/23/2023	< 0.10 U	37	< 1.0 U	< 1.0 U	--	230
MW-53M	MW-53M-Q223	N	LF		GW	5/23/2023	< 0.10 U	66	< 1.0 U	< 1.0 U	--	280
MW-53S	MW-53S-Q223	N	LF		GW	5/23/2023	< 0.10 U	190	< 0.20 U	< 1.0 U	--	4700
MW-71-035	MW-71-035-Q223	N	LF		GW	5/10/2023	1.4	27	0.44	1.1	--	< 20 U
MW-71-035	MW-908-Q223	FD		MW-71-035-Q223	GW	5/10/2023	0.59	28	0.54	1.4	--	34
MW-75-033	MW-75-033-Q223	N	LF		GW	5/15/2023	--	--	32	34	--	--
MW-75-117	MW-75-117-Q223	N	LF		GW	5/15/2023	--	--	2.2	2.4	--	--
MW-75-202	MW-75-202-Q223	N	LF		GW	5/15/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-75-267	MW-75-267-Q223	N	LF		GW	5/15/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-75-337	MW-75-337-Q223	N	LF		GW	5/15/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-76-039	MW-76-039-Q223	N	LF		GW	5/8/2023	< 0.10 U	130	150	150	--	< 20 U
MW-76-156	MW-76-156-Q223	N	LF		GW	5/8/2023	< 0.10 U	30	34	35	--	< 20 U
MW-76-181	MW-76-181-Q223	N	LF		GW	5/8/2023	< 0.10 U	43	320	340	--	< 20 U

Unvalidated PCM 2023-06 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)	Selenium, dissolved by Method SW 6020 (µg/L)	Sulfate by Method EPA 300.0 (mg/L)
MW-36-100	MW-36-100-Q223	N			GW	5/10/2023	750	--	< 0.50 U	< 0.10 U	--	470
MW-39-040	MW-39-040-Q223	N			GW	5/10/2023	92	--	< 0.25 U	--	--	120
MW-39-050	MW-39-050-Q223	N			GW	5/10/2023	180	--	< 0.25 U	--	--	190
MW-39-060	MW-39-060-Q223	N			GW	5/10/2023	40	--	< 0.25 U	--	--	200
MW-39-070	MW-39-070-Q223	N			GW	5/10/2023	200	--	< 0.50 U	--	--	280
MW-39-080	MW-39-080-Q223	N			GW	5/10/2023	4.4	--	< 0.50 U	--	--	660
MW-39-080	MW-914-Q223	FD		MW-39-080-Q223	GW	5/10/2023	15	--	< 0.50 U	--	--	610
MW-39-100	MW-39-100-Q223	N			GW	5/10/2023	49	--	0.54	--	--	1200
MW-42-030	MW-42-030-Q223	N	LF		GW	5/22/2023	77	--	< 0.25 U	< 0.10 U	--	--
MW-42-055	MW-42-055-Q223	N	LF		GW	5/22/2023	250	--	< 0.25 U	--	--	--
MW-42-065	MW-42-065-Q223	N	LF		GW	5/22/2023	2100	--	5	--	--	--
MW-43-025	MW-43-025-Q223	N	LF		GW	5/23/2023	440	--	< 0.50 U	--	--	--
MW-43-025	MW-915-Q223	FD		MW-915-Q223	GW	5/23/2023	440	--	< 0.50 U	--	--	--
MW-43-075	MW-43-075-Q223	N	LF		GW	5/23/2023	480	--	< 0.50 U	--	--	--
MW-43-090	MW-43-090-Q223	N	LF		GW	5/23/2023	650	--	< 0.50 U	--	--	--
MW-44-070	MW-44-070-Q223	N			GW	5/24/2023	360	--	< 0.10 U	< 0.10 U	--	--
MW-44-115	MW-44-115-Q223	N	LF		GW	5/8/2023	55	--	< 0.50 U	--	--	1000
MW-44-125	MW-44-125-Q223	N			GW	5/24/2023	430	--	< 0.50 U	< 0.10 U	--	990
MW-45-095A	MW-45-095A-Q223	N	LF		GW	5/10/2023	57	--	< 0.50 U	--	--	490
MW-46-175	MW-46-175-Q223	N	LF		GW	5/25/2023	6.6	--	0.58	1.1	--	--
MW-46-205	MW-46-205-Q223	N	LF		GW	5/25/2023	22	--	< 0.50 U	--	--	--
MW-47-055	MW-47-055-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-47-115	MW-47-115-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-47-115	MW-916-Q223	FD		MW-47-115-Q223	GW	5/24/2023	--	--	--	--	--	--
MW-49-135	MW-49-135-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-49-275	MW-49-275-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-49-365	MW-49-365-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-51	MW-51-Q223	N	LF		GW	5/12/2023	200	5	< 0.50 U	--	< 0.50 U	44
MW-52D	MW-52D-Q223	N	LF		GW	5/23/2023	240	--	< 0.50 U	--	--	--
MW-52M	MW-52M-Q223	N	LF		GW	5/23/2023	230	--	< 0.50 U	--	--	--
MW-52S	MW-52S-Q223	N	LF		GW	5/23/2023	1000	--	< 0.50 U	--	--	--
MW-53D	MW-53D-Q223	N	LF		GW	5/23/2023	770	--	< 0.50 U	--	--	--
MW-53M	MW-53M-Q223	N	LF		GW	5/23/2023	260	--	< 0.50 U	--	--	--
MW-53S	MW-53S-Q223	N	LF		GW	5/23/2023	1000	--	< 0.50 U	--	--	--
MW-71-035	MW-71-035-Q223	N	LF		GW	5/10/2023	16	42	1.7	2.4	3.5	570
MW-71-035	MW-908-Q223	FD		MW-71-035-Q223	GW	5/10/2023	14	38	1.9	2.4	4	730
MW-75-033	MW-75-033-Q223	N	LF		GW	5/15/2023	--	--	--	--	--	--
MW-75-117	MW-75-117-Q223	N	LF		GW	5/15/2023	--	--	--	--	--	--
MW-75-202	MW-75-202-Q223	N	LF		GW	5/15/2023	--	--	--	--	--	--
MW-75-267	MW-75-267-Q223	N	LF		GW	5/15/2023	--	--	--	--	--	--
MW-75-337	MW-75-337-Q223	N	LF		GW	5/15/2023	--	--	--	--	--	--
MW-76-039	MW-76-039-Q223	N	LF		GW	5/8/2023	35	16	1.3	--	2.4	410
MW-76-156	MW-76-156-Q223	N	LF		GW	5/8/2023	13	33	< 0.50 U	--	< 0.50 U	530
MW-76-181	MW-76-181-Q223	N	LF		GW	5/8/2023	26	48	< 0.50 U	--	0.7	670

Unvalidated PCM 2023-06 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 SM5310B (mg/L)
MW-36-100	MW-36-100-Q223	N			GW	5/10/2023	1.8 J	--
MW-39-040	MW-39-040-Q223	N			GW	5/10/2023	6.5 J	--
MW-39-050	MW-39-050-Q223	N			GW	5/10/2023	2.1 J	--
MW-39-060	MW-39-060-Q223	N			GW	5/10/2023	1.9 J	--
MW-39-070	MW-39-070-Q223	N			GW	5/10/2023	2.1 J	--
MW-39-080	MW-39-080-Q223	N			GW	5/10/2023	1.9 J	--
MW-39-080	MW-914-Q223	FD		MW-39-080-Q223	GW	5/10/2023	2.3 J	--
MW-39-100	MW-39-100-Q223	N			GW	5/10/2023	1.9 J	--
MW-42-030	MW-42-030-Q223	N	LF		GW	5/22/2023	--	< 1.0 U
MW-42-055	MW-42-055-Q223	N	LF		GW	5/22/2023	--	< 1.0 U
MW-42-065	MW-42-065-Q223	N	LF		GW	5/22/2023	--	< 1.0 U
MW-43-025	MW-43-025-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-43-025	MW-915-Q223	FD		MW-915-Q223	GW	5/23/2023	< 1.0 U	--
MW-43-075	MW-43-075-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-43-090	MW-43-090-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-44-070	MW-44-070-Q223	N			GW	5/24/2023	< 1.0 U	--
MW-44-115	MW-44-115-Q223	N	LF		GW	5/8/2023	1.5	--
MW-44-125	MW-44-125-Q223	N			GW	5/24/2023	< 1.0 U	--
MW-45-095A	MW-45-095A-Q223	N	LF		GW	5/10/2023	1.2 J	--
MW-46-175	MW-46-175-Q223	N	LF		GW	5/25/2023	< 1.0 U	--
MW-46-205	MW-46-205-Q223	N	LF		GW	5/25/2023	< 1.0 U	--
MW-47-055	MW-47-055-Q223	N	LF		GW	5/24/2023	--	--
MW-47-115	MW-47-115-Q223	N	LF		GW	5/24/2023	--	--
MW-47-115	MW-916-Q223	FD		MW-47-115-Q223	GW	5/24/2023	--	--
MW-49-135	MW-49-135-Q223	N	LF		GW	5/23/2023	--	--
MW-49-275	MW-49-275-Q223	N	LF		GW	5/23/2023	--	--
MW-49-365	MW-49-365-Q223	N	LF		GW	5/23/2023	--	--
MW-51	MW-51-Q223	N	LF		GW	5/12/2023	13 J	--
MW-52D	MW-52D-Q223	N	LF		GW	5/23/2023	3.8	--
MW-52M	MW-52M-Q223	N	LF		GW	5/23/2023	4.4	--
MW-52S	MW-52S-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-53D	MW-53D-Q223	N	LF		GW	5/23/2023	1.1	--
MW-53M	MW-53M-Q223	N	LF		GW	5/23/2023	< 1.0 U	--
MW-53S	MW-53S-Q223	N	LF		GW	5/23/2023	1.1	--
MW-71-035	MW-71-035-Q223	N	LF		GW	5/10/2023	3.2 J	--
MW-71-035	MW-908-Q223	FD		MW-71-035-Q223	GW	5/10/2023	3.1 J	--
MW-75-033	MW-75-033-Q223	N	LF		GW	5/15/2023	--	--
MW-75-117	MW-75-117-Q223	N	LF		GW	5/15/2023	--	--
MW-75-202	MW-75-202-Q223	N	LF		GW	5/15/2023	--	--
MW-75-267	MW-75-267-Q223	N	LF		GW	5/15/2023	--	--
MW-75-337	MW-75-337-Q223	N	LF		GW	5/15/2023	--	--
MW-76-039	MW-76-039-Q223	N	LF		GW	5/8/2023	1.6	--
MW-76-156	MW-76-156-Q223	N	LF		GW	5/8/2023	1.6	--
MW-76-181	MW-76-181-Q223	N	LF		GW	5/8/2023	1.4	--

Unvalidated PCM 2023-06 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)
MW-76-218	MW-76-218-Q223	N	LF		GW	5/8/2023	1.9	43	< 0.20 U	< 1.0 U	--	< 20 U
MW-77-046	MW-77-046-Q223	N	LF		GW	5/8/2023	1.8	77	0.56	< 1.0 U	--	< 20 U
MW-77-102	MW-77-102-Q223	N	LF		GW	5/8/2023	< 0.10 U	62	< 1.0 U	< 1.0 U	--	< 20 U
MW-77-158	MW-77-158-Q223	N	LF		GW	5/8/2023	< 0.10 U	43	< 1.0 U	< 1.0 U	--	46
MW-77-187	MW-77-187-Q223	N	LF		GW	5/8/2023	2.8	24	< 0.20 U	< 1.0 U	--	23
MW-78-070	MW-78-070-Q223	N	LF		GW	5/11/2023	< 0.10 U	140	92	81	--	28
MW-78-142	MW-78-142-Q223	N	LF		GW	5/11/2023	0.66	26	1300	1300	--	< 20 U
MW-78-142	MW-917-Q223	FD		MW-78-142-Q223	GW	5/11/2023	0.75	27	1300	1200	--	< 20 U
MW-79-058	MW-79-058-Q223	N	LF		GW	5/11/2023	< 0.10 U	170	120	110	--	< 20 U
MW-79-102	MW-79-102-Q223	N	LF		GW	5/11/2023	0.63	39	A1	18	--	37
MW-80-057	MW-80-057-Q223	N	LF		GW	5/11/2023	< 0.10 U	87	210	210	--	< 20 U
MW-80-082	MW-80-082-Q223	N	LF		GW	5/11/2023	1	58	5.4	5.7	--	< 20 U
MW-81-043	MW-81-043-Q223	N			GW	5/10/2023	2.1	180	2.8	4.7	--	100
MW-81-098	MW-81-098-Q223	N			GW	5/10/2023	< 0.10 U	61	5.4	5.4	--	66
MW-82-046	MW-82-046-Q223	N	LF		GW	5/10/2023	30	69	< 1.0 U	1.4	--	7400
MW-82-112	MW-82-112-Q223	N	LF		GW	5/10/2023	< 0.10 U	56	< 1.0 U	< 1.0 U	--	43
MW-82-168	MW-82-168-Q223	N	LF		GW	5/10/2023	< 0.10 U	47	< 1.0 U	< 1.0 U	--	67
MW-82-198	MW-82-198-Q223	N	LF		GW	5/10/2023	< 0.10 U	46	< 0.20 U	< 1.0 U	--	< 20 U
MW-86-030	MW-86-030-Q223	N	LF		GW	5/24/2023	7.3	130	< 0.20 U	< 1.0 U	--	540
MW-86-066	MW-86-066-Q223	N	LF		GW	5/24/2023	< 0.10 U	75	< 0.20 U	< 1.0 U	--	< 20 U
MW-86-120	MW-86-120-Q223	N	LF		GW	5/24/2023	< 0.10 U	40	< 1.0 U	< 1.0 U	--	< 20 U
MW-86-140	MW-86-140-Q223	N	LF		GW	5/24/2023	< 0.10 U	76	< 1.0 U	< 1.0 U	--	410
MW-86-140	MW-918-Q223	FD		MW-86-140-Q223	GW	5/24/2023	< 0.10 U	71	< 1.0 U	< 1.0 U	--	420
MW-90-031	MW-90-031-Q223	N	LF		GW	5/23/2023	< 0.10 U	210	< 1.0 U	< 1.0 U	--	13000
MW-96-045	MW-96-045-Q223	N	LF		GW	5/23/2023	--	--	< 0.20 U	< 1.0 U	--	--
MW-96-217	MW-96-217-Q223	N	LF		GW	5/23/2023	--	--	< 1.0 U	< 1.0 U	--	--
MW-97-042	MW-97-042-Q223	N	LF		GW	5/24/2023	--	--	20	23	--	--
MW-97-202	MW-97-202-Q223	N	LF		GW	5/24/2023	--	--	240	230	--	--
PT5D	PT5D-Q223	N	LF		GW	5/8/2023	< 0.10 U	34	110	110	--	< 20 U
PT5M	PT5M-Q223	N	LF		GW	5/24/2023	0.74	61	< 0.20 U	< 1.0 U	--	24
PT5S	PT5S-Q223	N	LF		GW	5/24/2023	10	120	< 0.20 U	< 1.0 U	--	1000
TW-02D	TW-02D-Q223	N	LF		GW	5/9/2023	3.5	18	11	12	--	< 20 U
TW-02S	TW-02S-Q223	N	LF		GW	5/9/2023	< 0.10 U	260	32	38	--	< 20 U
TW-02S	MW-919-Q223	FD		TW-02S-Q223	GW	5/9/2023	< 0.10 U	240	32	36	--	< 20 U
TW-03D	TW-03D-Q223	N	LF		GW	5/9/2023	2.7	28	25	30	--	< 20 U
TW-04	TW-04-Q223	N	LF		GW	5/18/2023	--	--	13	13	--	--

Notes:

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< = analyte not detected at the reporting limit shown

Unvalidated PCM 2023-06 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)	Selenium, dissolved by Method SW 6020 (µg/L)	Sulfate by Method EPA 300.0 (mg/L)
MW-76-218	MW-76-218-Q223	N	LF		GW	5/8/2023	120	77	< 0.50 U	--	< 0.50 U	510
MW-77-046	MW-77-046-Q223	N	LF		GW	5/8/2023	580	--	< 0.50 U	--	--	350
MW-77-102	MW-77-102-Q223	N	LF		GW	5/8/2023	110	--	< 0.50 U	--	--	690
MW-77-158	MW-77-158-Q223	N	LF		GW	5/8/2023	63	--	< 0.50 U	--	--	280
MW-77-187	MW-77-187-Q223	N	LF		GW	5/8/2023	35	--	< 0.50 U	--	--	530
MW-78-070	MW-78-070-Q223	N	LF		GW	5/11/2023	87	4.6	0.52	--	< 0.50 U	400
MW-78-142	MW-78-142-Q223	N	LF		GW	5/11/2023	2.5	18	1.6	--	12	540
MW-78-142	MW-917-Q223	FD		MW-78-142-Q223	GW	5/11/2023	2.6	19	1.6	--	12	540
MW-79-058	MW-79-058-Q223	N	LF		GW	5/11/2023	1.9	7.3	< 0.50 U	--	0.67	420
MW-79-102	MW-79-102-Q223	N	LF		GW	5/11/2023	46	29	< 0.50 U	--	0.89	700
MW-80-057	MW-80-057-Q223	N	LF		GW	5/11/2023	13	17	1.5	--	5.2	440
MW-80-082	MW-80-082-Q223	N	LF		GW	5/11/2023	300	35	< 0.50 U	--	< 0.50 U	370
MW-81-043	MW-81-043-Q223	N			GW	5/10/2023	96	--	< 0.50 U	--	--	370
MW-81-098	MW-81-098-Q223	N			GW	5/10/2023	120	--	0.53	--	--	720
MW-82-046	MW-82-046-Q223	N	LF		GW	5/10/2023	420	--	< 0.50 U	--	--	1600
MW-82-112	MW-82-112-Q223	N	LF		GW	5/10/2023	140	--	< 0.50 U	--	--	670
MW-82-168	MW-82-168-Q223	N	LF		GW	5/10/2023	55	--	< 0.50 U	--	--	320
MW-82-198	MW-82-198-Q223	N	LF		GW	5/10/2023	57	--	< 0.50 U	--	--	520
MW-86-030	MW-86-030-Q223	N	LF		GW	5/24/2023	250	--	< 0.10 U	--	--	--
MW-86-066	MW-86-066-Q223	N	LF		GW	5/24/2023	530	--	< 0.25 U	--	--	--
MW-86-120	MW-86-120-Q223	N	LF		GW	5/24/2023	360	--	0.65	--	--	--
MW-86-140	MW-86-140-Q223	N	LF		GW	5/24/2023	1400	--	< 0.50 U	--	--	--
MW-86-140	MW-918-Q223	FD		MW-86-140-Q223	GW	5/24/2023	1300	--	< 0.50 U	--	--	--
MW-90-031	MW-90-031-Q223	N	LF		GW	5/23/2023	570	--	< 0.50 U	< 0.10 U	--	--
MW-96-045	MW-96-045-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-96-217	MW-96-217-Q223	N	LF		GW	5/23/2023	--	--	--	--	--	--
MW-97-042	MW-97-042-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
MW-97-202	MW-97-202-Q223	N	LF		GW	5/24/2023	--	--	--	--	--	--
PT5D	PT5D-Q223	N	LF		GW	5/8/2023	28	--	0.91	--	--	--
PT5M	PT5M-Q223	N	LF		GW	5/24/2023	1400	--	< 0.10 U	--	--	--
PT5S	PT5S-Q223	N	LF		GW	5/24/2023	260	--	< 0.25 U	--	--	--
TW-02D	TW-02D-Q223	N	LF		GW	5/9/2023	94	79	< 0.50 U	--	< 0.50 U	460
TW-02S	TW-02S-Q223	N	LF		GW	5/9/2023	< 0.50 U	5.6	< 0.50 U	--	< 0.50 U	440
TW-02S	MW-919-Q223	FD		TW-02S-Q223	GW	5/9/2023	< 0.50 U	5.3	< 0.50 U	--	< 0.50 U	440
TW-03D	TW-03D-Q223	N	LF		GW	5/9/2023	37	85	< 0.50 U	--	< 0.50 U	480
TW-04	TW-04-Q223	N	LF		GW	5/18/2023	--	--	--	--	--	--

Notes:

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< = analyte not detected at the reporting limit shown

Unvalidated PCM 2023-06 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 SM5310B (mg/L)
MW-76-218	MW-76-218-Q223	N	LF		GW	5/8/2023	2.3	--
MW-77-046	MW-77-046-Q223	N	LF		GW	5/8/2023	< 1.0 U	--
MW-77-102	MW-77-102-Q223	N	LF		GW	5/8/2023	1.9	--
MW-77-158	MW-77-158-Q223	N	LF		GW	5/8/2023	1.5	--
MW-77-187	MW-77-187-Q223	N	LF		GW	5/8/2023	1.3	--
MW-78-070	MW-78-070-Q223	N	LF		GW	5/11/2023	< 1.0 UJ	--
MW-78-142	MW-78-142-Q223	N	LF		GW	5/11/2023	< 1.0 UJ	--
MW-78-142	MW-917-Q223	FD		MW-78-142-Q223	GW	5/11/2023	2.7 J	--
MW-79-058	MW-79-058-Q223	N	LF		GW	5/11/2023	2.1 J	--
MW-79-102	MW-79-102-Q223	N	LF		GW	5/11/2023	4.7 J	--
MW-80-057	MW-80-057-Q223	N	LF		GW	5/11/2023	1.9 J	--
MW-80-082	MW-80-082-Q223	N	LF		GW	5/11/2023	1.5 J	--
MW-81-043	MW-81-043-Q223	N			GW	5/10/2023	< 1.0 U	--
MW-81-098	MW-81-098-Q223	N			GW	5/10/2023	< 1.0 U	--
MW-82-046	MW-82-046-Q223	N	LF		GW	5/10/2023	16 J	--
MW-82-112	MW-82-112-Q223	N	LF		GW	5/10/2023	1 J	--
MW-82-168	MW-82-168-Q223	N	LF		GW	5/10/2023	1 J	--
MW-82-198	MW-82-198-Q223	N	LF		GW	5/10/2023	< 1.0 U	--
MW-86-030	MW-86-030-Q223	N	LF		GW	5/24/2023	1	--
MW-86-066	MW-86-066-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-86-120	MW-86-120-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-86-140	MW-86-140-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
MW-86-140	MW-918-Q223	FD		MW-86-140-Q223	GW	5/24/2023	1.4	--
MW-90-031	MW-90-031-Q223	N	LF		GW	5/23/2023	6.3	--
MW-96-045	MW-96-045-Q223	N	LF		GW	5/23/2023	--	--
MW-96-217	MW-96-217-Q223	N	LF		GW	5/23/2023	--	--
MW-97-042	MW-97-042-Q223	N	LF		GW	5/24/2023	--	--
MW-97-202	MW-97-202-Q223	N	LF		GW	5/24/2023	--	--
PT5D	PT5D-Q223	N	LF		GW	5/8/2023	< 1.0 U	--
PT5M	PT5M-Q223	N	LF		GW	5/24/2023	< 1.0 U	--
PT5S	PT5S-Q223	N	LF		GW	5/24/2023	1.2	--
TW-02D	TW-02D-Q223	N	LF		GW	5/9/2023	< 1.0 U	--
TW-02S	TW-02S-Q223	N	LF		GW	5/9/2023	< 1.0 U	--
TW-02S	MW-919-Q223	FD		TW-02S-Q223	GW	5/9/2023	< 1.0 U	--
TW-03D	TW-03D-Q223	N	LF		GW	5/9/2023	< 1.0 U	--
TW-04	TW-04-Q223	N	LF		GW	5/18/2023	--	--

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< = analyte not detected at the reporting limit shown

Unvalidated PCM 2023-06 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)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)
MW-20-070	MW-20-070-0623	N	LF		GW	6/15/2023	1.3	29	270	57	2.9	16
MW-20-100	MW-20-100-0623	N	LF		GW	6/15/2023	0.31	39	580	< 20 U	0.88	2.1
MW-20-130	MW-20-130-0623	N	LF		GW	6/15/2023	< 0.10 U	26	1700	< 20 U	3.7	6.8
MW-21	MW-21-0623	N	LF		GW	6/14/2023	9.8	40	< 0.20 U	310	180	< 0.50 U
MW-26	MW-26-0623	N	LF		GW	6/15/2023	< 0.10 U	69	< 0.20 U	28	2900	< 0.50 U
MW-30-050	MW-30-050-0623	N	LF		GW	6/12/2023	2	30	< 0.20 U	46	630	< 0.50 U
MW-31-060	MW-31-060-0623	N	LF		GW	6/14/2023	< 0.10 U	460	< 5.0 U	22	2600	< 0.50 U
MW-31-135	MW-31-135-0623	N	LF		GW	6/14/2023	< 0.10 U	37	19	27	9.2	< 0.50 U
MW-34-080	MW-34-080-0623	N	LF		GW	6/14/2023	< 0.10 U	35	< 0.20 U	850	160	< 0.50 U
MW-36-090	MW-36-090-0623	N	LF		GW	6/14/2023	0.22	64	< 0.20 U	49	150	< 0.50 U
MW-36-100	MW-36-100-0623	N	LF		GW	6/14/2023	3.1	80	< 0.20 U	910	740	< 0.50 U
MW-36-100	MW-920-Q323	FD		MW-36-100-0623	GW	6/14/2023	3.1	78	< 0.20 U	880	740	< 0.50 U
MW-39-040	MW-39-040-0623	N	LF		GW	6/12/2023	13	90	< 0.20 U	200	84	< 0.25 U
MW-39-050	MW-39-050-0623	N	LF		GW	6/12/2023	1.7	47	< 0.20 U	60	240	< 0.25 U
MW-39-060	MW-39-060-0623	N	LF		GW	6/12/2023	1.8	29	< 0.20 U	65	140	< 0.25 U
MW-39-070	MW-39-070-0623	N	LF		GW	6/12/2023	< 0.10 U	100	< 0.20 U	24	27	< 0.50 U
MW-39-080	MW-39-080-0623	N	LF		GW	6/12/2023	< 0.10 U	37	19	41	3.6	< 0.50 U
MW-39-100	MW-39-100-0623	N	LF		GW	6/12/2023	< 0.10 U	31	280	23	7.7	< 0.50 U
MW-44-115	MW-44-115-0623	N	LF		GW	6/14/2023	< 0.10 U	24	13	26	18	< 0.50 U
MW-44-125	MW-44-125-0623	N	LF		GW	6/14/2023	< 0.10 U	42	2.9	120	390	< 0.50 U
MW-44-125	MW-921-Q323	FD		MW-44-125-0623	GW	6/14/2023	< 0.10 U	44	3.2	130	400	< 0.50 U
MW-45-095A	MW-45-095A-0623	N	LF		GW	6/14/2023	< 0.10 U	28	0.8	39	96	< 0.50 U
MW-51	MW-51-0623	N	LF		GW	6/15/2023	< 0.10 U	54	< 0.20 U	49	760	< 0.25 U
MW-71-035	MW-71-035-0623	N	LF		GW	6/14/2023	< 0.10 U	45	< 1.0 U	25	67	1.3
MW-76-039	MW-76-039-0623	N	LF		GW	6/12/2023	< 0.10 U	130	99	35	< 0.50 U	< 0.50 U
MW-76-156	MW-76-156-0623	N	LF		GW	6/12/2023	0.73	28	24	35	17	< 0.50 U
MW-76-181	MW-76-181-0623	N	LF		GW	6/12/2023	< 0.10 U	43	240	21	34	< 0.50 U
MW-76-218	MW-76-218-0623	N	LF		GW	6/12/2023	2.6	37	< 0.20 U	51	76	< 0.50 U
MW-77-046	MW-77-046-0623	N	LF		GW	6/14/2023	1.3	75	< 0.20 U	< 20 U	580	< 0.50 U
MW-77-102	MW-77-102-0623	N	LF		GW	6/14/2023	< 0.10 U	67	< 1.0 U	31	120	< 0.50 U
MW-77-102	MW-922-Q323	FD		MW-77-102-0623	GW	6/14/2023	< 0.10 U	69	< 1.0 U	< 20 U	120	< 0.50 U
MW-77-158	MW-77-158-0623	N	LF		GW	6/14/2023	0.45	36	< 0.20 U	47	31	< 0.50 U
MW-77-187	MW-77-187-0623	N	LF		GW	6/14/2023	2.9	25	< 1.0 U	< 20 U	37	< 0.50 U
MW-78-070	MW-78-070-0623	N	LF		GW	6/15/2023	< 0.10 U	130	8.6	< 20 U	710	< 0.50 U
MW-78-142	MW-78-142-0623	N	LF		GW	6/15/2023	0.32	27	1700	< 20 U	5.5	2.8
MW-79-058	MW-79-058-0623	N	LF		GW	6/15/2023	< 0.10 U	160	120	< 20 U	18	< 0.50 U
MW-79-102	MW-79-102-0623	N	LF		GW	6/15/2023	< 0.10 U	65	74	< 20 U	120	< 0.50 U
MW-79-102	MW-923-Q223	FD		MW-79-102-0623	GW	6/15/2023	< 0.10 U	64	75	< 20 U	120	< 0.50 U
MW-80-057	MW-80-057-0623	N	LF		GW	6/15/2023	< 0.10 U	85	140	< 20 U	9.7	1.7
MW-80-082	MW-80-082-0623	N	LF		GW	6/15/2023	< 0.10 U	51	15	< 20 U	210	< 0.50 U
MW-81-043	MW-81-043-0623	N	LF		GW	6/13/2023	0.67	120	5.8	160	68	< 0.50 U
MW-81-098	MW-81-098-0623	N	LF		GW	6/13/2023	< 0.10 U	51	17	< 20 U	84	< 0.50 U
MW-82-046	MW-82-046-0623	N	LF		GW	6/13/2023	22	74	< 1.0 U	6600	390	< 0.50 U
MW-82-168	MW-82-168-0623	N	LF		GW	6/13/2023	< 0.10 U	38	< 0.20 U	60	42	< 0.50 U

Unvalidated PCM 2023-06 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)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)
MW-82-198	MW-82-198-0623	N	LF		GW	6/13/2023	< 0.10 U	42	< 0.20 U	20	47	< 0.50 U
PT5D	PT5D-0623	N	LF		GW	6/13/2023	< 0.10 U	28	120	< 20 U	17	0.56
TW-02D	TW-02D-0623	N	LF		GW	6/13/2023	3.6	14	9.4	< 20 U	18	< 0.50 U
TW-02S	TW-02S-0623	N	LF		GW	6/13/2023	< 0.10 U	230	20	< 20 U	< 0.50 U	< 0.50 U
TW-03D	TW-03D-0623	N	LF		GW	6/13/2023	2.2	20	14	< 20 U	29	< 0.50 U

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

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

Unvalidated PCM 2023-06 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 B (mg/L)
MW-20-070	MW-20-070-0623	N	LF		GW	6/15/2023	340	< 1.0 U
MW-20-100	MW-20-100-0623	N	LF		GW	6/15/2023	570	8.5
MW-20-130	MW-20-130-0623	N	LF		GW	6/15/2023	1000	6.4
MW-21	MW-21-0623	N	LF		GW	6/14/2023	1000	8.9
MW-26	MW-26-0623	N	LF		GW	6/15/2023	320	< 1.0 U
MW-30-050	MW-30-050-0623	N	LF		GW	6/12/2023	220	1.5
MW-31-060	MW-31-060-0623	N	LF		GW	6/14/2023	190	130
MW-31-135	MW-31-135-0623	N	LF		GW	6/14/2023	510	< 1.0 U
MW-34-080	MW-34-080-0623	N	LF		GW	6/14/2023	590	1.4
MW-36-090	MW-36-090-0623	N	LF		GW	6/14/2023	540	< 1.0 U
MW-36-100	MW-36-100-0623	N	LF		GW	6/14/2023	490	1.8
MW-36-100	MW-920-Q323	FD		MW-36-100-0623	GW	6/14/2023	490	2.2
MW-39-040	MW-39-040-0623	N	LF		GW	6/12/2023	160	5.3
MW-39-050	MW-39-050-0623	N	LF		GW	6/12/2023	190	< 1.0 U
MW-39-060	MW-39-060-0623	N	LF		GW	6/12/2023	210	1.4
MW-39-070	MW-39-070-0623	N	LF		GW	6/12/2023	490	< 1.0 U
MW-39-080	MW-39-080-0623	N	LF		GW	6/12/2023	780	1.7
MW-39-100	MW-39-100-0623	N	LF		GW	6/12/2023	1100	< 1.0 U
MW-44-115	MW-44-115-0623	N	LF		GW	6/14/2023	1000	< 1.0 U
MW-44-125	MW-44-125-0623	N	LF		GW	6/14/2023	990	< 1.0 U
MW-44-125	MW-921-Q323	FD		MW-44-125-0623	GW	6/14/2023	1000	< 1.0 U
MW-45-095A	MW-45-095A-0623	N	LF		GW	6/14/2023	520	< 1.0 U
MW-51	MW-51-0623	N	LF		GW	6/15/2023	340	< 1.0 U
MW-71-035	MW-71-035-0623	N	LF		GW	6/14/2023	780	2
MW-76-039	MW-76-039-0623	N	LF		GW	6/12/2023	500	< 1.0 U
MW-76-156	MW-76-156-0623	N	LF		GW	6/12/2023	530	< 1.0 U
MW-76-181	MW-76-181-0623	N	LF		GW	6/12/2023	690	< 1.0 U
MW-76-218	MW-76-218-0623	N	LF		GW	6/12/2023	480	< 1.0 U
MW-77-046	MW-77-046-0623	N	LF		GW	6/14/2023	310	< 1.0 U
MW-77-102	MW-77-102-0623	N	LF		GW	6/14/2023	690	1.3
MW-77-102	MW-922-Q323	FD		MW-77-102-0623	GW	6/14/2023	700	1.2
MW-77-158	MW-77-158-0623	N	LF		GW	6/14/2023	260	< 1.0 U
MW-77-187	MW-77-187-0623	N	LF		GW	6/14/2023	420	< 1.0 U
MW-78-070	MW-78-070-0623	N	LF		GW	6/15/2023	320	< 1.0 U
MW-78-142	MW-78-142-0623	N	LF		GW	6/15/2023	610	< 1.0 U
MW-79-058	MW-79-058-0623	N	LF		GW	6/15/2023	430	< 1.0 U
MW-79-102	MW-79-102-0623	N	LF		GW	6/15/2023	390	< 1.0 U
MW-79-102	MW-923-Q223	FD		MW-79-102-0623	GW	6/15/2023	390	< 1.0 U
MW-80-057	MW-80-057-0623	N	LF		GW	6/15/2023	440	< 1.0 U
MW-80-082	MW-80-082-0623	N	LF		GW	6/15/2023	380	< 1.0 U
MW-81-043	MW-81-043-0623	N	LF		GW	6/13/2023	300	3.7
MW-81-098	MW-81-098-0623	N	LF		GW	6/13/2023	730	2.6
MW-82-046	MW-82-046-0623	N	LF		GW	6/13/2023	1600	24
MW-82-168	MW-82-168-0623	N	LF		GW	6/13/2023	290	1.1

Unvalidated PCM 2023-06 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 B (mg/L)
MW-82-198	MW-82-198-0623	N	LF		GW	6/13/2023	510	1.1
PT5D	PT5D-0623	N	LF		GW	6/13/2023	1000	1.8
TW-02D	TW-02D-0623	N	LF		GW	6/13/2023	430	4.4
TW-02S	TW-02S-0623	N	LF		GW	6/13/2023	410	3
TW-03D	TW-03D-0623	N	LF		GW	6/13/2023	450	4.7

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.

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Acronyms and Abbreviations:

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µg/L = micrograms per liter

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FD = field duplicate

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J = estimated value

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated 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)	Aluminum by Method SW 6010B (µg/L)	Aluminum, dissolved by Method SW 6010B (µg/L)	Ammonia as nitrogen by Method TIMBERLINE (mg/L)	Antimony by Method SW 6020 (µg/L)	Antimony, dissolved by Method SW 6020 (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	21	79		< 0.20 U	< 0.50 U	< 0.50 U
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	29	390	240	< 0.20 U	< 0.50 U	< 0.50 U
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	96	--	--	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	76	--	--	--	--	--

Notes:

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

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

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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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic by Method SW 6020 (µg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Beryllium by Method SW 6020 (µg/L)	Beryllium, dissolved by Method SW 6020 (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	4.3	4.4	68	70	< 2.5 U	< 2.5 U
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	1.2	1.3	100	98	< 12 U	< 12 U
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	--	< 0.10 U	--	100	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	--	0.51	--	140	--	--

Notes:

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

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Acronyms and Abbreviations:

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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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Boron by Method SW 6010B (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	Bromide by Method EPA 300.0 (mg/L)	Cadmium by Method SW 6020 (µg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium by Method SW 6010B (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	2600	2.6	< 10 U	< 0.50 U	< 0.50 U	290000
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	2500	2.3	< 5.0 U	< 0.50 U	< 0.50 U	280000
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	--	0.53	< 1.0 U	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	--	0.41	< 10 U	--	--	--

Notes:

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µg/L = micrograms per liter

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GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated 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 by Method SW 6020 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt by Method SW 6020 (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	< 1.0 U	--	< 1.0 U	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	330	6100	< 1.0 U	< 1.0 U	< 1.0 U	< 0.50 U
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	< 1.0 U	--	< 1.0 U	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	290	5800	< 1.0 U	7	< 1.0 U	< 0.50 U
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	120	460	5.3	--	5.5	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	1400	3800	76	--	91	--

Notes:

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

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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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Hardness, Calcium (As CaCO3) by Method SM 2340 B (mg/L)	Hardness, Magnesium (As CaCO3) by Method SM 2340 B (mg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	< 0.50 U	< 1.0 U	< 1.0 U	7	--	--
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	< 0.50 U	1.2	< 1.0 U	6.4	--	--
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	--	--	--	1.1	290	97
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	--	--	--	< 2.0 U	3600	1500

Notes:

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

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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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Hardness, total as CaCO3 by Method SM 2340 B (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)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	--	63	67	< 1.0 U	< 1.0 U	2700
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	--	470	140	< 1.0 U	< 1.0 U	4400
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	390	--	45	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	5100	--	< 20 U	--	--	--

Notes:

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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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	3.2	460	230	< 0.20 U	< 0.20 U	79
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	4.4	510	520	< 0.20 U	< 0.20 U	92
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	24	--	57	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	370	--	< 0.50 U	--	--	--

Notes:

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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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nickel by Method SW 6020 (µg/L)	Nickel, dissolved by Method SW 6020 (µg/L)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Potassium by Method SW 6010B (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	83	< 25 U	< 25 U	< 0.50 U	< 5.0 U	38000
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	95	< 25 U	< 25 U	< 0.50 U	< 5.0 U	39000
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	--	--	--	5.1	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	--	--	--	14	--	--

Notes:

All samples were sent to Asset Laboratories for analyses wiith 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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium by Method SW 6020 (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Silver by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Sodium by Method SW 6010B (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	37	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	4100000
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	37	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	3700000
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	13	--	--	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	27	--	--	--	--	--

Notes:

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

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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

Unvalidated Phase 2 2023-04 Water 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)	Sulfide by Method SM 4500-S D (mg/L)	Sulfide by Method SM4500-S D (mg/L)	Thallium by Method SW 6020 (µg/L)	Thallium, dissolved by Method SW 6020 (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	4200	710	< 0.10 U	--	1.7	1.6
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	3700	680	--	< 0.10 U	1.8	1.8
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	250	160	--	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	340	520	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses wiith 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

Unvalidated 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)	Total Kjeldahl Nitrogen by Method EPA 351.2 (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)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--	--	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	11000	< 0.20 U	< 1.0 U	< 1.0 U	1.1
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--	--	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	10000	< 0.20 U	< 1.0 U	1.7	< 1.0 U
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	1100	--	--	--	--
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	7000	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses wiith 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

Unvalidated Phase 2 2023-04 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Zinc by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
ER-03	ER-03-156-052223	N			GW	5/22/2023	--	--
ER-03	ER-03-SC-66-156	N			GW	5/23/2023	30	67
ER-04	ER-04-159-051323	N			GW	5/13/2023	--	--
ER-04	ER-04-SC-69-159	N			GW	5/26/2023	110	110
FW-02B-127	FW-02B-127-0423	N	LF		GW	4/6/2023	--	< 10 U
MWP-08	MWP-08-0423	N	3V		GW	5/9/2023	--	30

Notes:

All samples were sent to Asset Laboratories for analyses wiith 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

Phase 2 2023-05 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-127-0523	N	LF	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

LF = low flow

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	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-127-0523	N	LF	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, 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

Phase 2 2023-05 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-127-0523	N	LF	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, 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

Phase 2 2023-05 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-127-0523	N	LF	GW	5/11/2023	< 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

Phase 2 2023-06 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)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
FW-02B-127	FW-02B-127-0623	N	GW	6/15/2023	93	< 0.10 U	110	0.55	< 1.0 U	120	580	< 0.20 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

Phase 2 2023-06 Water Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	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)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
FW-02B-127	FW-02B-127-0623	N	GW	6/15/2023	< 1.0 U	1.1	290	110	400	< 20 U	26	110

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

Phase 2 2023-06 Water Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	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)	Zinc, dissolved by Method SW 6020 (µg/L)
FW-02B-127	FW-02B-127-0623	N	GW	6/15/2023	4.5	12	330	180	1300	46

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

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

3V = three volume

EPA = Environmental Protection Agency

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

RCM 2023-05 AZ Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020A (µg/L)
MW-54-085	MW-54-085-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-54-140	MW-54-140-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-54-195	MW-54-195-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-55-045	MW-55-045-Q223	N	LF		GW	5/16/2023	< 0.20 U	< 5.0 U
MW-55-120	MW-55-120-Q223	N	LF		GW	5/16/2023	8.93	10.4
MW-56D	MW-56D-Q223	N	LF		GW	5/18/2023	< 0.20 U	< 5.0 U
MW-56M	MW-56M-Q223	N	LF		GW	5/18/2023	< 0.20 U	< 5.0 U
MW-56S	MW-56S-Q223	N	LF		GW	5/18/2023	< 0.20 U	< 5.0 U
MW-56S	MW-940-Q223	FD		MW-56S-Q223	GW	5/18/2023	< 0.20 U	< 5.0 U
MW-91-045	MW-91-045-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-91-120	MW-91-120-Q223	N	LF		GW	5/17/2023	< 0.40 U	< 5.0 U
MW-91-170	MW-91-170-Q223	N	LF		GW	5/17/2023	< 1.0 U	< 5.0 U
MW-91-320	MW-91-320-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-92-037	MW-92-037-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-92-072	MW-92-072-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U
MW-92-102	MW-92-102-Q223	N	LF		GW	5/17/2023	5.12	6.06
MW-92-122	MW-92-122-Q223	N	LF		GW	5/17/2023	< 0.20 U	< 5.0 U

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

Unvalidated RCM 2023-05 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total 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-09	MW-09-Q223	N	LF		GW	6/1/2023	0.54	< 1.0 U	--	15	4.8	1.8
MW-10	MW-10-Q223	N	LF		GW	6/1/2023	3600	3900	--	240	12	1.9
MW-10D	MW-10D-Q223	N	LF		GW	6/1/2023	290	330	--	1.1	11	7.5
MW-11	MW-11-Q223	N	LF		GW	6/1/2023	2100	2200	--	--	--	--
MW-11	MW-926-Q223	FD		MW-11-Q223	GW	6/1/2023	2100	2400	--	--	--	--
MW-11D	MW-11D-Q223	N	LF		GW	6/1/2023	350	400	--	--	--	--
MW-12	MW-12-Q223	N	LF		GW	5/31/2023	1000	1200	--	40	7.2	8.2
MW-13	MW-13-Q223	N	LF		GW	6/1/2023	11	12	--	--	--	--
MW-14	MW-14-Q223	N	LF		GW	5/31/2023	15	17	--	--	--	--
MW-15	MW-15-Q223	N	LF		GW	5/25/2023	12	12	--	--	--	--
MW-19	MW-19-Q223	N	LF		GW	5/31/2023	110	110	--	--	--	--
MW-23-060	MW-23-060-Q223	N	LF		GW	5/25/2023	37	34	--	--	--	--
MW-23-080	MW-23-080-Q223	N	LF		GW	5/25/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-24A	MW-24A-Q223	N	LF		GW	6/1/2023	< 0.20 U	< 1.0 U	--	71	< 0.25 U	< 0.50 U
MW-24B	MW-24B-Q223	N	LF		GW	6/1/2023	250	290	--	40	2.2	2.4
MW-24BR	MW-24BR-Q223	N	3V		GW	6/2/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-25	MW-25-Q223	N	LF		GW	5/31/2023	42	43	--	--	--	--
MW-25	MW-927-Q223	FD		MW-25-Q223	GW	5/31/2023	42	45	--	--	--	--
MW-37D	MW-37D-Q223	N	LF		GW	5/25/2023	3.9	4.1	--	--	--	--
MW-37S	MW-37S-Q223	N	LF		GW	5/25/2023	11	11	--	--	--	--
MW-38D	MW-38D-Q223	N	LF		GW	6/1/2023	< 4.0 U	< 5.0 U	--	33	< 1.0 U	< 2.5 U
MW-38S	MW-38S-Q223	N	LF		GW	6/1/2023	20	22	--	9.2	5.4	5.2
MW-40D	MW-40D-Q223	N	LF		GW	5/25/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-40S	MW-40S-Q223	N	G		GW	5/25/2023	10	11	--	--	--	--
MW-41D	MW-41D-Q223	N	LF		GW	5/31/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-41M	MW-41M-Q223	N	LF		GW	5/31/2023	8.4	8	--	--	--	--
MW-41M	MW-928-Q223	FD		MW-41M-Q223	GW	5/31/2023	8.6	8.6	--	--	--	--
MW-41S	MW-41S-Q223	N	LF		GW	5/31/2023	4.2	4.3	--	--	--	--
MW-48	MW-48-Q223	N	3V		GW	6/2/2023	< 1.0 U	< 1.0 U	--	8.9	< 0.50 U	< 0.50 U
MW-50-095	MW-50-095-Q223	N	LF		GW	5/26/2023	13	14	--	--	--	--
MW-50-200	MW-50-200-Q223	N	LF		GW	5/26/2023	2700	3000	--	--	--	--
MW-57-070	MW-57-070-Q223	N	LF		GW	5/26/2023	170	170	--	--	--	--
MW-57-185	MW-57-185-Q223	N	LF		GW	5/26/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-58-065	MW-58-065-Q223	N	LF		GW	5/26/2023	540	560	--	--	--	--
MW-58BR	MW-58BR-Q223	N	LF		GW	5/26/2023	4.3	4.9	--	--	--	--
MW-59-100	MW-59-100-Q223	N	LF		GW	5/31/2023	2200	2600	--	--	--	--
MW-59-100	MW-929-Q223	FD		MW-59-100-Q223	GW	5/31/2023	2200	2400	--	--	--	--
MW-60-125	MW-60-125-Q223	N	LF		GW	6/1/2023	10	57	--	--	--	--
MW-60BR-245	MW-60BR-245-Q223	N	LF		GW	5/31/2023	31	32	--	--	--	--
MW-61-110	MW-61-110-Q223	N	LF		GW	5/31/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-62-065	MW-62-065-Q223	N	LF		GW	5/30/2023	560	620	--	--	--	--
MW-62-110	MW-62-110-Q223	N	3V		GW	5/31/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-62-190	MW-62-190-Q223	N	3V		GW	5/31/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-63-065	MW-63-065-Q223	N	LF		GW	5/31/2023	1.4	1.5	--	--	--	--

Unvalidated RCM 2023-05 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total 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-64BR	MW-64BR-Q223	N	LF		GW	5/25/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-65-160	MW-65-160-Q223	N	LF		GW	5/30/2023	280	320	--	26	12	10
MW-65-225	MW-65-225-Q223	N	LF		GW	5/30/2023	210	240	--	22	6.1	4.4
MW-66-165	MW-66-165-Q223	N	LF		GW	6/1/2023	330	390	--	5.4	15	14
MW-66-230	MW-66-230-Q223	N	LF		GW	6/1/2023	6400	7500	--	77	21	18
MW-66BR-270	MW-66BR-270-Q223	N	3V		GW	6/1/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-67-185	MW-67-185-0523	N	LF		GW	5/30/2023	< 80 U	< 5.0 U	1100	21	23	160
MW-67-185	MW-925-Q223	FD		MW-67-185-0523	GW	5/30/2023	< 80 U	< 5.0 U	1000	19	21	130
MW-67-225	MW-67-225-Q223	N	LF		GW	5/31/2023	3300	4000	--	62	15	60
MW-67-260	MW-67-260-Q223	N	LF		GW	5/31/2023	520	550	--	71	< 0.25 U	1.1
MW-68-180	MW-68-180-Q223	N	LF		GW	5/30/2023	1800	1800	--	46	9.4	6.7
MW-68-240	MW-68-240-Q223	N	LF		GW	5/31/2023	1700	2000	--	22	3.8	3.5
MW-68BR-280	MW-68BR-280-Q223	N	3V		GW	5/31/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-69-195	MW-69-195-Q223	N	LF		GW	5/30/2023	53	40	--	67	7.6	6.4
MW-70-105	MW-70-105-Q223	N	LF		GW	5/26/2023	200	230	--	56	5.3	5.2
MW-70BR-225	MW-70BR-225-Q223	N	LF		GW	5/26/2023	1100	1200	--	19	4.3	2.5
MW-70BR-287	MW-70BR-287-Q223	N	LF		GW	5/26/2023	360	370	--	--	--	--
MW-72-080	MW-72-080-Q223	N	LF		GW	5/24/2023	49	56	--	--	--	--
MW-72BR-200	MW-72BR-200-Q223	N	LF		GW	5/24/2023	< 1.0 U	< 1.0 U	--	--	--	--
MW-73-080	MW-73-080-Q223	N	LF		GW	5/24/2023	6.6	8.1	--	--	--	--
MW-74-240	MW-74-240-Q223	N	LF		GW	5/30/2023	< 0.20 U	< 1.0 U	--	--	--	--
MW-83-090	MW-83-090-Q223	N	LF		GW	5/22/2023	54	53	--	--	--	--
MW-83-090	MW-930-Q223	FD		MW-83-090-Q223	GW	5/22/2023	52	51	--	--	--	--
MW-83-180	MW-83-180-Q223	N	LF		GW	5/22/2023	6.4	8.9	--	--	--	--
MW-83-225	MW-83-225-Q223	N	LF		GW	5/22/2023	22	22	--	--	--	--
MW-83-245	MW-83-245-Q223	N	LF		GW	5/22/2023	3000	3000	--	--	--	--
MW-84-057	MW-84-057-Q223	N	LF		GW	5/25/2023	34	36	--	--	--	--
MW-84-095	MW-84-095-Q223	N	LF		GW	5/25/2023	1.3	1.3	--	--	--	--
MW-84-132	MW-84-132-Q223	N	LF		GW	5/25/2023	2.2	2.2	--	--	--	--
MW-84-193	MW-84-193-Q223	N	LF		GW	5/25/2023	2.9	2.9	--	--	--	--
MW-85-129	MW-85-129-Q223	N	LF		GW	5/22/2023	240	240	--	--	--	--
MW-85-217	MW-85-217-Q223	N	LF		GW	5/22/2023	2000	2000	--	--	--	--
MW-85-237	MW-85-237-Q223	N	LF		GW	5/22/2023	78	63	--	--	--	--
MW-87-109	MW-87-109-Q223	N	LF		GW	5/18/2023	20	19	--	--	--	--
MW-87-139	MW-87-139-Q223	N	LF		GW	5/18/2023	9.8	8.7	--	--	--	--
MW-87-139	MW-931-Q223	FD		MW-87-139-Q223	GW	5/18/2023	9.8	9.1	--	--	--	--
MW-87-192	MW-87-192-Q223	N	LF		GW	5/18/2023	1.5	1.6	--	--	--	--
MW-87-275	MW-87-275-Q223	N	LF		GW	5/18/2023	1.2	1.2	--	--	--	--
MW-88-107	MW-88-107-Q223	N	LF		GW	6/1/2023	37	43	--	--	--	--
MW-89-183	MW-89-183-Q223	N	LF		GW	5/25/2023	1.2	1.3	--	--	--	--
MW-89-273	MW-89-273-Q223	N	LF		GW	5/25/2023	0.53	< 1.0 U	--	--	--	--
MW-89-273	MW-932-Q223	FD		MW-89-273-Q223	GW	5/25/2023	0.55	< 1.0 U	--	--	--	--
MW-93-050	MW-93-050-Q223	N	LF		GW	5/25/2023	21	21	--	--	--	--
MW-93-213	MW-93-213-Q223	N	LF		GW	5/25/2023	4.5	4.1	--	--	--	--

Unvalidated RCM 2023-05 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total 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-95-113	MW-95-113-Q223	N	LF		GW	6/1/2023	3.7	4.3	--	--	--	--
MW-95-157	MW-95-157-Q223	N	LF		GW	6/1/2023	7.6	8.1	--	--	--	--
MW-98-055	MW-98-055-Q223	N	LF		GW	5/25/2023	67	61	--	--	--	--
MW-98-077	MW-98-077-Q223	N	LF		GW	5/25/2023	200	230	--	--	--	--
PGE-07BR	PGE-07BR-Q223	N	3V		GW	6/1/2023	< 1.0 U	< 1.0 U	--	--	--	--
PGE-07BR	MW-933-Q223	FD		PGE-07BR-Q223	GW	6/1/2023	< 1.0 U	< 1.0 U	--	--	--	--
PGE-08	PGE-08-Q223	N	EP		GW	6/2/2023	< 1.0 U	1.8	--	--	--	--
PT8D	PT8D-Q223	N	LF		GW	6/1/2023	< 1.0 U	5.9	--	--	--	--
PT9D	PT9D-Q223	N	LF		GW	6/1/2023	4600	4500	--	--	--	--
PT9M	PT9M-Q223	N	LF		GW	6/1/2023	640	640	--	--	--	--
PT9S	PT9S-Q223	N	LF		GW	6/1/2023	120	120	--	--	--	--
PT9S	MW-934-Q223	FD		PT9S-Q223	GW	6/1/2023	120	130	--	--	--	--
TW-01	TW-01-Q223	N	3V		GW	6/2/2023	3700	3900	--	13	9.1	23
TW-05	TW-05-Q223	N	LF		GW	5/26/2023	14	14	--	--	--	--

Notes:

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Acronyms and Abbreviations:

-- = not analyzed

µg/L = micrograms per liter

3V = three volume

EPA = Environmental Protection Agency

G = grab

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SW = solid waste

Unvalidated RCM 2023-05 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)
C-BNS	C-BNS-Q223	N	R		Surface Water	5/16/2023	2.4	< 0.20 U	< 1.0 U	0.59 J
C-CON-D	C-CON-D-Q223	N	R		Surface Water	5/17/2023	2.5	< 0.20 U	< 1.0 U	0.69 J
C-CON-S	C-CON-S-Q223	N	R		Surface Water	5/17/2023	2.4	< 0.20 U	< 1.0 U	0.8 J
C-I-3-D	C-I-3-D-Q223	N	R		Surface Water	5/16/2023	2.3	< 0.20 U	< 1.0 U	< 0.50 UJ
C-I-3-S	C-I-3-S-Q223	N	R		Surface Water	5/16/2023	2.2	< 0.20 U	< 1.0 U	< 0.50 UJ
C-MAR-D	C-MAR-D-Q223	N	R		Surface Water	5/17/2023	2.1	< 0.20 U	< 1.0 U	200 J
C-MAR-S	C-MAR-S-Q223	N	R		Surface Water	5/17/2023	2.2	< 0.20 U	< 1.0 U	170 J
C-MAR-S	MW-936-Q223	FD		C-MAR-S-Q223	Surface Water	5/17/2023	2.2	< 0.20 U	< 1.0 U	160 J
C-NR1-D	C-NR1-D-Q223	N	R		Surface Water	5/17/2023	2.4	< 0.20 U	< 1.0 U	0.69 J
C-NR1-S	C-NR1-S-Q223	N	R		Surface Water	5/17/2023	2.4	< 0.20 U	< 1.0 U	0.65 J
C-NR3-D	C-NR3-D-Q223	N	R		Surface Water	5/17/2023	2.2	< 0.20 U	< 1.0 U	0.76 J
C-NR3-S	C-NR3-S-Q223	N	R		Surface Water	5/17/2023	2.3	< 0.20 U	< 1.0 U	0.68 J
C-NR4-D	C-NR4-D-Q223	N	R		Surface Water	5/17/2023	2.2	< 0.20 U	< 1.0 U	0.76 J
C-NR4-D	MW-937-Q223	FD		C-NR4-D-Q223	Surface Water	5/17/2023	2.2	< 0.20 U	< 1.0 U	0.78 J
C-NR4-S	C-NR4-S-Q223	N	R		Surface Water	5/17/2023	2.3	< 0.20 U	< 1.0 U	1.8 J
C-R22A-D	C-R22A-D-Q223	N	R		Surface Water	5/16/2023	2.2	< 0.20 U	< 1.0 U	2.9 J
C-R22A-S	C-R22A-S-Q223	N	R		Surface Water	5/16/2023	2.3	< 0.20 U	< 1.0 U	3.1 J
C-R27-D	C-R27-D-Q223	N	R		Surface Water	5/16/2023	2.2	< 0.20 U	< 1.0 U	0.75 J
C-R27-S	C-R27-S-Q223	N	R		Surface Water	5/16/2023	2.1	< 0.20 U	< 1.0 U	1.3 J
C-TAZ-D	C-TAZ-D-Q223	N	R		Surface Water	5/16/2023	2.4	< 0.20 U	< 1.0 U	0.69 J
C-TAZ-D	MW-938-Q223	FD		C-TAZ-D-Q223	Surface Water	5/16/2023	2.1	< 0.20 U	< 1.0 U	0.82 J
C-TAZ-S	C-TAZ-S-Q223	N	R		Surface Water	5/16/2023	2.1	< 0.20 U	< 1.0 U	0.78 J
R-19	R-19-Q223	N	R		Surface Water	5/17/2023	2.5	< 0.20 U	< 1.0 U	3.1 J
R-28	R-28-Q223	N	R		Surface Water	5/16/2023	2.1	< 0.20 U	< 1.0 U	3.3 J
R63	R63-Q223	N	R		Surface Water	5/16/2023	2.5	< 0.20 U	< 1.0 U	3.3 J
RRB	RRB-Q223	N	R		Surface Water	5/17/2023	2.3	< 0.20 U	< 1.0 U	3.2 J
RRB	MW-939-Q223	FD		RRB-Q223	Surface Water	5/17/2023	2.5	< 0.20 U	< 1.0 U	2.8 J
SW1	SW1-Q223	N	R		Surface Water	5/16/2023	2.3	< 0.20 U	< 1.0 U	3.5 J
SW2	SW2-Q223	N	R		Surface Water	5/16/2023	2.3	< 0.20 U	< 1.0 U	2.8 J

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 EPA = Environmental Protection Agency
 GW = groundwater
 J = estimated value
 LF = low flow
 mg/L = milligrams per liter
 N = Normal
 R = River
 SW = solid waste

Unvalidated RCM 2023-05 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-67-185-0623	N	LF	GW	6/14/2023	190	230	800	16	32	160
MW-68-180	MW-68-180-0623	N	LF	GW	6/14/2023	1500	1300	--	42	--	--

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