

Preliminary Hydro 6 2023-08 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)	Beryllium, dissolved by Method SW 6020A (µg/L)	Boron, dissolved by Method SW 6020A (mg/L)
HNWR-01A-098	HNWR-01A-098-Q323	N	LF	--	GW	8/17/2023	90.6	< 1000 U	< 5.0 U	15	113	< 5.0 U	0.544
HNWR-01A-174	HNWR-01A-174-Q323	N	LF	--	GW	8/17/2023	87.2	< 1000 U	< 5.0 U	13.9	108	< 5.0 U	0.527
MARINA-1	MARINA-1-Q323	N	EP	--	WATER	9/14/2023	--	--	--	--	--	--	--
MTS-1	MTS-1-Q323	N	EP	--	WATER	8/15/2023	72.6	< 1000 U	< 5.0 U	13.5	87.7	< 5.0 U	0.784
MTS-2	MTS-2-Q323	N	EP	--	WATER	8/15/2023	73.6	< 1000 U	< 5.0 U	17.1	92.3	< 5.0 U	0.789
MW-94-030	MW-94-030-Q323	N	LF	--	WATER	8/15/2023	83.9	< 1000 U	< 5.0 U	< 5.0 U	70.5	< 5.0 U	0.589
MW-94-030	MW-901-Q323	FD	--	MW-94-030-Q323	WATER	8/15/2023	83.3	< 1000 U	< 5.0 U	< 5.0 U	68	< 5.0 U	0.58
MW-94-100	MW-94-100-Q323	N	LF	--	WATER	8/15/2023	83.3	< 1000 U	< 5.0 U	9.07	78.9	< 5.0 U	0.561
MW-94-175	MW-94-175-Q323	N	LF	--	WATER	8/15/2023	97.8	< 1000 U	< 5.0 U	11.6	96.8	< 5.0 U	0.429
MW-99-060	MW-99-060-Q323	N	LF	--	WATER	8/16/2023	302	< 1000 U	< 5.0 U	11.4	31	< 5.0 U	1.07
MW-99-140	MW-99-140-Q323	N	LF	--	WATER	8/16/2023	187	< 1000 U	< 5.0 U	6.22	131	< 5.0 U	0.643
PGE-09N	PGE-09N-Q323	N	LF	--	WATER	8/16/2023	530	< 1000 U	< 5.0 U	51.3	74.9	< 5.0 U	2.38
PGE-09S	PGE-09S-Q323	N	LF	--	WATER	8/16/2023	399	< 1000 U	< 5.0 U	< 5.0 U	18.6	< 5.0 U	2.03
SITE B-165	SITE B-165-Q323	N	LF	--	GW	8/17/2023	85.8	< 1000 U	< 5.0 U	16.5	123	< 5.0 U	0.331
SITE B-220	SITE B-220-Q323	N	LF	--	GW	8/17/2023	86	< 1000 U	< 5.0 U	17.5	124	< 5.0 U	0.329
SITE B-285	SITE B-285-Q323	N	LF	--	GW	8/17/2023	85.8	< 1000 U	< 5.0 U	17.5	127	< 5.0 U	0.339
SITE B-285	MW-902-Q323	FD	--	SITE B-285-Q323	GW	8/17/2023	86.3	< 1000 U	< 5.0 U	18.1	124	< 5.0 U	0.319

Notes:

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Chromium, total dissolved by Method SW 6020A (µg/L)	Cobalt, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	HNWR-01A-098-Q323	N	LF	--	GW	8/17/2023	< 5.0 U	32100	31.4	640	14.3	17.4	< 5.0 U
HNWR-01A-174	HNWR-01A-174-Q323	N	LF	--	GW	8/17/2023	< 5.0 U	28200	28.3	546	14.3	17.2	< 5.0 U
MARINA-1	MARINA-1-Q323	N	EP	--	WATER	9/14/2023	--	--	--	--	--	--	--
MTS-1	MTS-1-Q323	N	EP	--	WATER	8/15/2023	< 5.0 U	103000	102	836	2.48	< 5.0 U	< 5.0 U
MTS-2	MTS-2-Q323	N	EP	--	WATER	8/15/2023	< 5.0 U	107000	103	703	9.99	11.3	< 5.0 U
MW-94-030	MW-94-030-Q323	N	LF	--	WATER	8/15/2023	< 5.0 U	52600	52.5	313	19.1	20.8	< 5.0 U
MW-94-030	MW-901-Q323	FD	--	MW-94-030-Q323	WATER	8/15/2023	< 5.0 U	52200	52.1	327	19.3	20.4	< 5.0 U
MW-94-100	MW-94-100-Q323	N	LF	--	WATER	8/15/2023	< 5.0 U	49900	47.6	407	8.2	8.71	< 5.0 U
MW-94-175	MW-94-175-Q323	N	LF	--	WATER	8/15/2023	< 5.0 U	24600	24.2	206	14.8	16.2	< 5.0 U
MW-99-060	MW-99-060-Q323	N	LF	--	WATER	8/16/2023	< 5.0 U	61100	62.8	531	< 0.20 U	< 5.0 U	< 5.0 U
MW-99-140	MW-99-140-Q323	N	LF	--	WATER	8/16/2023	< 5.0 U	68100	57.3	490	< 0.20 U	< 5.0 U	< 5.0 U
PGE-09N	PGE-09N-Q323	N	LF	--	WATER	8/16/2023	< 5.0 U	190000	190	3390	< 0.20 U	< 5.0 U	< 5.0 U
PGE-09S	PGE-09S-Q323	N	LF	--	WATER	8/16/2023	< 5.0 U	70900	68.9	3200	< 0.20 U	< 5.0 U	< 5.0 U
SITE B-165	SITE B-165-Q323	N	LF	--	GW	8/17/2023	< 5.0 U	36300	37	339	27.4	32.6	< 5.0 U
SITE B-220	SITE B-220-Q323	N	LF	--	GW	8/17/2023	< 5.0 U	35600	35.1	334	31.4	39.1	< 5.0 U
SITE B-285	SITE B-285-Q323	N	LF	--	GW	8/17/2023	< 5.0 U	36000	35.6	331	32	38.1	< 5.0 U
SITE B-285	MW-902-Q323	FD	--	SITE B-285-Q323	GW	8/17/2023	< 5.0 U	35800	35.9	334	31.9	38.5	< 5.0 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Lead, dissolved by Method SW 6020A (µg/L)	Magnesium by Method SW 6020A (µg/L)	Magnesium, dissolved by Method SW 6020A (mg/L)
HNWR-01A-098	HNWR-01A-098-Q323	N	LF	--	GW	8/17/2023	< 10 U	-74.3	4.05	< 500 U	< 5.0 U	2380	2.35
HNWR-01A-174	HNWR-01A-174-Q323	N	LF	--	GW	8/17/2023	< 10 U	-73.9	4.89	< 500 U	< 5.0 U	2090	2.11
MARINA-1	MARINA-1-Q323	N	EP	--	WATER	9/14/2023	--	-77.7	--	--	--	--	--
MTS-1	MTS-1-Q323	N	EP	--	WATER	8/15/2023	< 10 U	-74.7	5.06	< 500 U	< 5.0 U	3530	3.45
MTS-2	MTS-2-Q323	N	EP	--	WATER	8/15/2023	< 10 U	-74.2	5.16	< 500 U	< 5.0 U	3710	3.62
MW-94-030	MW-94-030-Q323	N	LF	--	WATER	8/15/2023	< 10 U	-71.6	3.89	< 500 U	< 5.0 U	11700	12
MW-94-030	MW-901-Q323	FD	--	MW-94-030-Q323	WATER	8/15/2023	< 10 U	-71.9	3.84	< 500 U	< 5.0 U	11600	11.8
MW-94-100	MW-94-100-Q323	N	LF	--	WATER	8/15/2023	< 10 U	-72.6	3.2	< 500 U	< 5.0 U	7580	6.62
MW-94-175	MW-94-175-Q323	N	LF	--	WATER	8/15/2023	< 10 U	-73.8	3.86	< 500 U	< 5.0 U	1830	1.49
MW-99-060	MW-99-060-Q323	N	LF	--	WATER	8/16/2023	< 10 U	-71.8	2.89	< 500 U	< 5.0 U	20500	21.5
MW-99-140	MW-99-140-Q323	N	LF	--	WATER	8/16/2023	< 10 U	-73.2	3.88	< 500 U	< 5.0 U	13200	8.9
PGE-09N	PGE-09N-Q323	N	LF	--	WATER	8/16/2023	< 10 U	-75.8	3.33	6210	< 5.0 U	87200	91.4
PGE-09S	PGE-09S-Q323	N	LF	--	WATER	8/16/2023	< 10 U	-77.7	1.56	2960	< 5.0 U	99600	102
SITE B-165	SITE B-165-Q323	N	LF	--	GW	8/17/2023	< 10 U	-75.7	4.73	< 500 U	< 5.0 U	7140	6.89
SITE B-220	SITE B-220-Q323	N	LF	--	GW	8/17/2023	< 10 U	-77.1	4.38	1470	< 5.0 U	6950	6.83
SITE B-285	SITE B-285-Q323	N	LF	--	GW	8/17/2023	< 10 U	-75.8	4.37	< 500 U	< 5.0 U	7140	7.01
SITE B-285	MW-902-Q323	FD	--	SITE B-285-Q323	GW	8/17/2023	< 10 U	-75.6	4.4	< 500 U	< 5.0 U	6990	7

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	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)
HNWR-01A-098	HNWR-01A-098-Q323	N	LF	--	GW	8/17/2023	< 50 U	< 0.50 U	16.6	15.6	1.97	-10.02	7370
HNWR-01A-174	HNWR-01A-174-Q323	N	LF	--	GW	8/17/2023	< 50 U	< 0.50 U	15.5	13.3	2.29	-10.02	6810
MARINA-1	MARINA-1-Q323	N	EP	--	WATER	9/14/2023	--	--	--	--	--	-10.24	--
MTS-1	MTS-1-Q323	N	EP	--	WATER	8/15/2023	< 50 U	< 0.50 U	19.4	< 5.0 U	1.78	-10.01	8610
MTS-2	MTS-2-Q323	N	EP	--	WATER	8/15/2023	< 50 U	< 0.50 U	19	< 5.0 U	1.76	-9.96	8160
MW-94-030	MW-94-030-Q323	N	LF	--	WATER	8/15/2023	< 50 U	< 0.50 U	15.7	< 5.0 U	3.32	-9.46	6530
MW-94-030	MW-901-Q323	FD	--	MW-94-030-Q323	WATER	8/15/2023	< 50 U	< 0.50 U	15.2	< 5.0 U	3.26	-9.46	6530
MW-94-100	MW-94-100-Q323	N	LF	--	WATER	8/15/2023	< 50 U	< 0.50 U	20.9	< 5.0 U	1.97	-9.7	7690
MW-94-175	MW-94-175-Q323	N	LF	--	WATER	8/15/2023	< 50 U	< 0.50 U	10.5	< 5.0 U	2.31	-10.02	5730
MW-99-060	MW-99-060-Q323	N	LF	--	WATER	8/16/2023	209	< 0.50 U	39.3	< 5.0 U	< 0.10 U	-9.53	11000
MW-99-140	MW-99-140-Q323	N	LF	--	WATER	8/16/2023	< 50 U	< 0.50 U	21.4	< 5.0 U	1.66	-9.79	11000
PGE-09N	PGE-09N-Q323	N	LF	--	WATER	8/16/2023	802	< 0.50 U	67.7	< 5.0 U	< 0.50 U	-9.71	13700
PGE-09S	PGE-09S-Q323	N	LF	--	WATER	8/16/2023	171	< 0.50 U	32	< 5.0 U	< 0.50 U	-9.83	15500
SITE B-165	SITE B-165-Q323	N	LF	--	GW	8/17/2023	< 50 U	< 0.50 U	14.9	63.9	2.69	-10.17	5930
SITE B-220	SITE B-220-Q323	N	LF	--	GW	8/17/2023	< 50 U	< 0.50 U	12.1	28.5	2.49	-10.29	5880
SITE B-285	SITE B-285-Q323	N	LF	--	GW	8/17/2023	< 50 U	< 0.50 U	11.7	23.1	2.55	-10.23	5920
SITE B-285	MW-902-Q323	FD	--	SITE B-285-Q323	GW	8/17/2023	< 50 U	< 0.50 U	11.9	22.7	2.51	-10.24	5900

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Potassium, dissolved by Method SW 6020A (mg/L)	Selenium, dissolved by Method SW 6020A (µg/L)	Silver, dissolved by Method SW 6020A (µg/L)	Sodium 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)
HNWR-01A-098	HNWR-01A-098-Q323	N	LF	--	GW	8/17/2023	7.48	< 5.0 U	< 5.0 U	451000	450	88.9	< 5.0 U
HNWR-01A-174	HNWR-01A-174-Q323	N	LF	--	GW	8/17/2023	6.76	< 5.0 U	< 5.0 U	402000	391	81.4	< 5.0 U
MARINA-1	MARINA-1-Q323	N	EP	--	WATER	9/14/2023	--	--	--	--	--	--	--
MTS-1	MTS-1-Q323	N	EP	--	WATER	8/15/2023	8.78	< 5.0 U	< 5.0 U	491000	505	144	< 5.0 U
MTS-2	MTS-2-Q323	N	EP	--	WATER	8/15/2023	8.04	< 5.0 U	< 5.0 U	414000	404	137	< 5.0 U
MW-94-030	MW-94-030-Q323	N	LF	--	WATER	8/15/2023	6.6	< 5.0 U	< 5.0 U	233000	232	134	< 5.0 U
MW-94-030	MW-901-Q323	FD	--	MW-94-030-Q323	WATER	8/15/2023	6.49	< 5.0 U	< 5.0 U	231000	232	137	< 5.0 U
MW-94-100	MW-94-100-Q323	N	LF	--	WATER	8/15/2023	7.25	< 5.0 U	< 5.0 U	292000	283	102	< 5.0 U
MW-94-175	MW-94-175-Q323	N	LF	--	WATER	8/15/2023	5.63	< 5.0 U	< 5.0 U	182000	189	57.2	< 5.0 U
MW-99-060	MW-99-060-Q323	N	LF	--	WATER	8/16/2023	11.3	< 5.0 U	< 5.0 U	439000	450	325	< 5.0 U
MW-99-140	MW-99-140-Q323	N	LF	--	WATER	8/16/2023	8.6	< 5.0 U	< 5.0 U	349000	358	137	< 5.0 U
PGE-09N	PGE-09N-Q323	N	LF	--	WATER	8/16/2023	13.6	< 5.0 U	< 5.0 U	2390000	2500	882	< 5.0 U
PGE-09S	PGE-09S-Q323	N	LF	--	WATER	8/16/2023	15.5	< 5.0 U	< 5.0 U	2320000	2310	790	< 5.0 U
SITE B-165	SITE B-165-Q323	N	LF	--	GW	8/17/2023	5.85	< 5.0 U	< 5.0 U	243000	233	79.5	< 5.0 U
SITE B-220	SITE B-220-Q323	N	LF	--	GW	8/17/2023	5.76	< 5.0 U	< 5.0 U	232000	228	79.4	< 5.0 U
SITE B-285	SITE B-285-Q323	N	LF	--	GW	8/17/2023	5.79	< 5.0 U	< 5.0 U	235000	234	79.6	< 5.0 U
SITE B-285	MW-902-Q323	FD	--	SITE B-285-Q323	GW	8/17/2023	5.89	< 5.0 U	< 5.0 U	235000	231	76.3	< 5.0 U

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total dissolved solids by Method SM 2540 C (mg/L)	Total organic carbon by Method 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-Q323	N	LF	--	GW	8/17/2023	1230	< 1.0 U	18.8	< 100 U
HNWR-01A-174	HNWR-01A-174-Q323	N	LF	--	GW	8/17/2023	1090	< 1.0 U	19.7	< 100 U
MARINA-1	MARINA-1-Q323	N	EP	--	WATER	9/14/2023	--	--	--	--
MTS-1	MTS-1-Q323	N	EP	--	WATER	8/15/2023	1650	< 1.0 U	9.07	< 100 U
MTS-2	MTS-2-Q323	N	EP	--	WATER	8/15/2023	1460	< 1.0 U	11.6	< 100 U
MW-94-030	MW-94-030-Q323	N	LF	--	WATER	8/15/2023	844	< 1.0 U	14.9	< 100 U
MW-94-030	MW-901-Q323	FD	--	MW-94-030-Q323	WATER	8/15/2023	840	< 1.0 U	14.8	< 100 U
MW-94-100	MW-94-100-Q323	N	LF	--	WATER	8/15/2023	923	< 1.0 U	14.5	< 100 U
MW-94-175	MW-94-175-Q323	N	LF	--	WATER	8/15/2023	568	< 1.0 U	17.6	< 100 U
MW-99-060	MW-99-060-Q323	N	LF	--	WATER	8/16/2023	1390	2.1	< 5.0 U	< 100 U
MW-99-140	MW-99-140-Q323	N	LF	--	WATER	8/16/2023	1110	< 3.0 U	5.1	< 100 U
PGE-09N	PGE-09N-Q323	N	LF	--	WATER	8/16/2023	6800	5.98	< 5.0 U	< 100 U
PGE-09S	PGE-09S-Q323	N	LF	--	WATER	8/16/2023	6320	5.25	< 5.0 U	< 100 U
SITE B-165	SITE B-165-Q323	N	LF	--	GW	8/17/2023	745	< 1.0 U	17.4	< 100 U
SITE B-220	SITE B-220-Q323	N	LF	--	GW	8/17/2023	740	< 1.0 U	18.1	< 100 U
SITE B-285	SITE B-285-Q323	N	LF	--	GW	8/17/2023	745	< 1.0 U	18.2	< 100 U
SITE B-285	MW-902-Q323	FD	--	SITE B-285-Q323	GW	8/17/2023	748	< 1.0 U	18.9	< 100 U

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MW-36-090	MW-36-090-Q323	N	LF	--	GW	8/10/2023	--	< 0.50 U	--	--	400	--	0.84
MW-36-100	MW-36-100-Q323	N	LF	--	GW	8/10/2023	--	< 0.50 U	--	--	160	--	0.68
MW-39-040	MW-39-040-Q323	N	LF	--	GW	8/8/2023	--	< 0.25 U	--	--	110	--	1.3
MW-39-050	MW-39-050-Q323	N	LF	--	GW	8/8/2023	--	< 0.25 U	--	--	210	--	0.88
MW-39-060	MW-39-060-Q323	N	LF	--	GW	8/8/2023	--	< 0.25 U	--	--	380	--	0.78
MW-39-070	MW-39-070-Q323	N	LF	--	GW	8/8/2023	--	< 0.50 U	--	--	430	--	1.1
MW-39-080	MW-39-080-Q323	N	LF	--	GW	8/8/2023	--	< 0.50 U	--	--	750	--	1
MW-39-100	MW-39-100-Q323	N	LF	--	GW	8/8/2023	--	< 0.50 U	--	--	960	--	1.5
MW-42-030	MW-42-030-Q323	N	LF	--	GW	8/14/2023	--	< 0.25 U	--	--	--	--	3.9
MW-42-055	MW-42-055-Q323	N	LF	--	GW	8/14/2023	--	< 0.25 U	--	--	--	--	1.5
MW-42-065	MW-42-065-Q323	N	LF	--	GW	8/14/2023	--	2.8	--	--	--	--	3.7
MW-43-025	MW-43-025-Q323	N	LF	--	GW	8/24/2023	--	< 0.50 U	--	--	--	--	4.8
MW-43-075	MW-43-075-Q323	N	LF	--	GW	8/24/2023	--	< 0.50 U	--	--	--	--	3.5
MW-43-090	MW-43-090-Q323	N	LF	--	GW	8/24/2023	--	< 0.50 U	--	--	--	--	3.5
MW-44-070	MW-44-070-Q323	N	LF	--	GW	8/16/2023	--	< 0.10 U	--	--	--	--	--
MW-44-115	MW-44-115-Q323	N	LF	--	GW	8/8/2023	--	0.6	--	--	1000	--	0.54
MW-44-125	MW-44-125-Q323	N	LF	--	GW	8/8/2023	--	0.5	--	--	970	--	0.54
MW-45-095A	MW-45-095A-Q323	N	LF	--	GW	8/9/2023	--	< 0.50 U	--	--	480	1.8	--
MW-46-175	MW-46-175-Q323	N	LF	--	GW	8/23/2023	--	1.2	--	--	--	--	0.36
MW-46-205	MW-46-205-Q323	N	LF	--	GW	8/23/2023	--	1.2	--	--	--	--	0.3
MW-47-055	MW-47-055-Q323	N	LF	--	GW	8/21/2023	--	--	--	--	--	--	--
MW-47-115	MW-47-115-Q323	N	LF	--	GW	8/21/2023	--	--	--	--	--	--	--
MW-49-135	MW-49-135-Q323	N	LF	--	GW	8/22/2023	--	--	--	--	--	--	--
MW-49-275	MW-49-275-Q323	N	LF	--	GW	8/22/2023	--	--	--	--	--	--	--
MW-49-365	MW-49-365-Q323	N	LF	--	GW	8/22/2023	--	--	--	--	--	--	--
MW-51	MW-51-Q323	N	LF	--	GW	8/10/2023	27	< 0.50 U	--	< 0.50 U	230	--	5.4
MW-51	MW-913-Q323	FD	--	MW-51-Q323	GW	8/10/2023	29	< 0.50 U	--	< 0.50 U	280	--	4.9
MW-52D	MW-52D-Q323	N	LF	--	GW	8/22/2023	--	< 0.50 U	--	--	--	--	3.1
MW-52M	MW-52M-Q323	N	LF	--	GW	8/22/2023	--	< 0.50 U	--	--	--	--	2.2
MW-52S	MW-52S-Q323	N	LF	--	GW	8/22/2023	--	< 0.50 U	--	--	--	--	36
MW-53D	MW-53D-Q323	N	LF	--	GW	8/22/2023	--	< 0.50 U	--	--	--	--	0.56 O-04
MW-53M	MW-53M-Q323	N	LF	--	GW	8/22/2023	--	< 0.50 U	--	--	--	--	2.5
MW-53S	MW-53S-Q323	N	LF	--	GW	8/22/2023	--	< 0.50 U	--	--	--	--	2.9
MW-71-035	MW-71-035-Q323	N	LF	--	GW	8/9/2023	22	1.2	--	1.8	700	2.3	--
MW-71-035	MW-914-Q323	FD	--	MW-71-035-Q323	GW	8/9/2023	21	1.3	--	1.8	650	2.4	--
MW-75-033	MW-75-033-Q323	N	LF	--	GW	8/14/2023	--	--	--	--	--	--	--
MW-75-117	MW-75-117-Q323	N	LF	--	GW	8/14/2023	--	--	--	--	--	--	--
MW-75-202	MW-75-202-Q323	N	LF	--	GW	8/14/2023	--	--	--	--	--	--	--
MW-75-267	MW-75-267-Q323	N	LF	--	GW	8/14/2023	--	--	--	--	--	--	--
MW-75-337	MW-75-337-Q323	N	LF	--	GW	8/14/2023	--	--	--	--	--	--	--
MW-76-039	MW-76-039-Q323	N	LF	--	GW	8/7/2023	18	< 0.50 U	--	0.84	540	1.5	--
MW-76-156	MW-76-156-Q323	N	LF	--	GW	8/7/2023	30	1.5	--	0.83	670	< 1.0 U	--
MW-76-181	MW-76-181-Q323	N	LF	--	GW	8/7/2023	51	< 0.50 U	--	< 0.50 U	560	1.3	--

Preliminary PCM 2023-08 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
MW-76-218	MW-76-218-Q323	N	LF	--	GW	8/7/2023	< 0.10 U	45	0.25	3.8	--	< 100 U	84
MW-76-218	MW-918-Q323	FD	--	MW-76-218-Q323	GW	8/7/2023	< 0.10 U	45	< 0.20 U	3.7	--	< 100 U	87
MW-77-046	MW-77-046-Q323	N	LF	--	GW	8/7/2023	1.4	78	< 0.20 U	--	--	< 100 U	720
MW-77-102	MW-77-102-Q323	N	LF	--	GW	8/7/2023	1.1	12	2.5	--	--	140	18
MW-77-158	MW-77-158-Q323	N	LF	--	GW	8/7/2023	0.8	40	< 0.20 U	--	--	< 100 U	310
MW-77-187	MW-77-187-Q323	N	LF	--	GW	8/7/2023	2.4	21	8.3	--	--	< 100 U	25
MW-78-070	MW-78-070-Q323	N	LF	--	GW	8/9/2023	< 0.10 U	19	1400	1200	--	< 20 U	2.2
MW-78-142	MW-78-142-Q323	N	LF	--	GW	8/9/2023	< 0.10 U	32	1900	2000	--	< 20 U	3.7
MW-79-058	MW-79-058-Q323	N	LF	--	GW	8/9/2023	< 0.10 U	150	190	170	--	< 20 U	15
MW-79-058	MW-916-Q323	FD	--	MW-79-058-Q323	GW	8/9/2023	< 0.10 U	150	160	130	--	< 20 U	230
MW-79-102	MW-79-102-Q323	N	LF	--	GW	8/9/2023	< 0.10 U	88	99	100	--	< 20 U	30
MW-80-057	MW-80-057-Q323	N	LF	--	GW	8/9/2023	0.92	24	< 0.20 U	< 1.0 U	--	< 20 U	230
MW-80-082	MW-80-082-Q323	N	LF	--	GW	8/9/2023	2	48	< 0.20 U	< 1.0 U	--	< 20 U	490
MW-80-082	MW-917-Q323	FD	--	MW-80-082-Q323	GW	8/9/2023	2	50	< 0.20 U	< 1.0 U	--	< 20 U	470
MW-81-043	MW-81-043-Q323	N	LF	--	GW	8/10/2023	< 0.10 U	47	0.44	--	--	41	110
MW-81-098	MW-81-098-Q323	N	LF	--	GW	8/10/2023	1.2	120	0.82	--	--	100	88
MW-82-046	MW-82-046-Q323	N	LF	--	GW	8/8/2023	25	72	< 1.0 U	--	--	7400	550
MW-82-112	MW-82-112-Q323	N	LF	--	GW	8/8/2023	< 0.10 U	43	< 0.20 U	--	--	38	98
MW-82-168	MW-82-168-Q323	N	LF	--	GW	8/8/2023	< 0.10 U	40	< 0.20 U	--	--	82	37
MW-82-198	MW-82-198-Q323	N	LF	--	GW	8/8/2023	2.1	43	< 0.20 U	--	--	110	43
MW-86-030	MW-86-030-Q323	N	LF	--	GW	8/17/2023	5.2	100	< 0.20 U	--	--	180	130
MW-86-066	MW-86-066-Q323	N	LF	--	GW	8/17/2023	< 0.10 U	66	< 0.20 U	--	--	< 20 U	430
MW-86-120	MW-86-120-Q323	N	LF	--	GW	8/17/2023	< 0.10 U	40	< 1.0 U	--	--	75	460
MW-86-140	MW-86-140-Q323	N	LF	--	GW	8/17/2023	< 0.10 U	64	< 1.0 U	--	--	60	980
MW-90-031	MW-90-031-Q323	N	LF	--	GW	8/16/2023	< 0.10 U	190	< 1.0 U	--	--	14000	510
MW-96-045	MW-96-045-Q323	N	LF	--	GW	8/15/2023	--	--	< 0.20 U	--	--	--	--
MW-96-217	MW-96-217-Q323	N	LF	--	GW	8/15/2023	--	--	< 1.0 U	--	--	--	--

Preliminary PCM 2023-08 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Total organic carbon by Method SM 5310 B (mg/L)	Total organic carbon by Method SM5310B (mg/L)
MW-76-218	MW-76-218-Q323	N	LF	--	GW	8/7/2023	96	0.94	--	< 0.50 U	830	1.1	--
MW-76-218	MW-918-Q323	FD	--	MW-76-218-Q323	GW	8/7/2023	97	0.94	--	< 0.50 U	830	1.1	--
MW-77-046	MW-77-046-Q323	N	LF	--	GW	8/7/2023	--	< 0.50 U	--	--	290	1.5	--
MW-77-102	MW-77-102-Q323	N	LF	--	GW	8/7/2023	--	< 0.50 U	--	--	280	< 1.0 U	--
MW-77-158	MW-77-158-Q323	N	LF	--	GW	8/7/2023	--	< 0.50 U	--	--	170	1.2	--
MW-77-187	MW-77-187-Q323	N	LF	--	GW	8/7/2023	--	< 0.50 U	--	--	450	< 1.0 U	--
MW-78-070	MW-78-070-Q323	N	LF	--	GW	8/9/2023	10	1.7	--	6.7	320	1.4	--
MW-78-142	MW-78-142-Q323	N	LF	--	GW	8/9/2023	18	3.1	--	12	600	1.7	--
MW-79-058	MW-79-058-Q323	N	LF	--	GW	8/9/2023	8.3	1	--	0.89	460	< 1.0 U	--
MW-79-058	MW-916-Q323	FD	--	MW-79-058-Q323	GW	8/9/2023	6.8	1	--	0.93	450	1.4	--
MW-79-102	MW-79-102-Q323	N	LF	--	GW	8/9/2023	4.6	0.56	--	0.71	230	1.4	--
MW-80-057	MW-80-057-Q323	N	LF	--	GW	8/9/2023	15	< 0.50 U	--	< 0.50 U	180	1.4	--
MW-80-082	MW-80-082-Q323	N	LF	--	GW	8/9/2023	30	< 0.50 U	--	< 0.50 U	340	1.4	--
MW-80-082	MW-917-Q323	FD	--	MW-80-082-Q323	GW	8/9/2023	30	< 0.50 U	--	< 0.50 U	340	2.4	--
MW-81-043	MW-81-043-Q323	N	LF	--	GW	8/10/2023	--	< 0.50 U	--	--	680	--	0.79
MW-81-098	MW-81-098-Q323	N	LF	--	GW	8/10/2023	--	< 0.50 U	--	--	300	--	0.94
MW-82-046	MW-82-046-Q323	N	LF	--	GW	8/8/2023	--	< 0.50 U	--	--	1600	--	19
MW-82-112	MW-82-112-Q323	N	LF	--	GW	8/8/2023	--	1.1	--	--	670	--	1
MW-82-168	MW-82-168-Q323	N	LF	--	GW	8/8/2023	--	< 0.50 U	--	--	240	--	0.74
MW-82-198	MW-82-198-Q323	N	LF	--	GW	8/8/2023	--	< 0.50 U	--	--	480	--	0.47
MW-86-030	MW-86-030-Q323	N	LF	--	GW	8/17/2023	--	< 0.10 U	--	--	--	--	6
MW-86-066	MW-86-066-Q323	N	LF	--	GW	8/17/2023	--	0.74	--	--	--	--	0.74
MW-86-120	MW-86-120-Q323	N	LF	--	GW	8/17/2023	--	< 0.50 U	--	--	--	--	1.2
MW-86-140	MW-86-140-Q323	N	LF	--	GW	8/17/2023	--	< 0.50 U	--	--	--	--	2.9
MW-90-031	MW-90-031-Q323	N	LF	--	GW	8/16/2023	--	< 0.50 U	< 0.10 U	--	--	--	--
MW-96-045	MW-96-045-Q323	N	LF	--	GW	8/15/2023	--	--	--	--	--	--	--
MW-96-217	MW-96-217-Q323	N	LF	--	GW	8/15/2023	--	--	--	--	--	--	--

Preliminary PCM 2023-08 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
MW-97-042	MW-97-042-Q323	N	LF	--	GW	8/21/2023	--	--	100	--	--	--	--
MW-97-202	MW-97-202-Q323	N	LF	--	GW	8/21/2023	--	--	250	--	--	--	--
PT5D	PT5D-Q323	N	LF	--	GW	8/9/2023	< 0.10 U	29	240	--	--	< 20 U	6.9
PT5M	PT5M-Q323	N	LF	--	GW	8/15/2023	0.35	66	< 0.20 U	--	--	24	1600
PT5S	PT5S-Q323	N	LF	--	GW	8/15/2023	12	97	< 0.20 U	--	--	860	240
TW-02D	TW-02D-Q323	N	LF	--	GW	8/8/2023	3.1	16	4	3.8	--	36	50
TW-02D	MW-915-Q323	FD	--	TW-02D-Q323	GW	8/8/2023	3	16	4	3.8	--	< 20 U	49
TW-02S	TW-02S-Q323	N	LF	--	GW	8/8/2023	< 0.10 U	250	11	10	--	42	< 0.50 U
TW-03D	TW-03D-Q323	N	LF	--	GW	8/8/2023	0.27	90	16	15	--	< 20 U	14
TW-04	TW-04-Q323	N	LF	--	GW	8/21/2023	--	--	12	--	--	--	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by SM 5310B

which were either analyzed by Enthalpy or Weck Labs and Nitrate/Nitrite as N which was analyzed at BC Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = no entry

µg/L = micrograms per liter

EPA = Environmental Protection Agency

FD = field duplicate

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Preliminary PCM 2023-08 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	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)	Total organic carbon by Method SM 5310 B (mg/L)	Total organic carbon by Method SM5310B (mg/L)
MW-97-042	MW-97-042-Q323	N	LF	--	GW	8/21/2023	--	--	--	--	--	--	--
MW-97-202	MW-97-202-Q323	N	LF	--	GW	8/21/2023	--	--	--	--	--	--	--
PT5D	PT5D-Q323	N	LF	--	GW	8/9/2023	--	1.2	--	--	940	< 1.0 U	--
PT5M	PT5M-Q323	N	LF	--	GW	8/15/2023	--	< 0.25 U	--	--	--	--	1.2
PT5S	PT5S-Q323	N	LF	--	GW	8/15/2023	--	< 0.10 U	--	--	--	--	3.3
TW-02D	TW-02D-Q323	N	LF	--	GW	8/8/2023	54	< 0.50 U	--	< 0.50 U	320	--	0.69
TW-02D	MW-915-Q323	FD	--	TW-02D-Q323	GW	8/8/2023	52	< 0.50 U	--	< 0.50 U	320	--	0.65
TW-02S	TW-02S-Q323	N	LF	--	GW	8/8/2023	2.7	< 0.50 U	--	< 0.50 U	340	--	0.52
TW-03D	TW-03D-Q323	N	LF	--	GW	8/8/2023	31	< 0.50 U	--	< 0.50 U	300	--	0.5
TW-04	TW-04-Q323	N	LF	--	GW	8/21/2023	--	--	--	--	--	--	--

Notes:

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which were either analyzed by Enthalpy or Weck Labs and Nitrate/Nitrite as N which was analyzed at BC Labs.

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mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Preliminary PCM 2023-09 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)	Sulfate by Method EPA 300.0 (mg/L)
MW-20-070	MW-20-070-0923	N	LF	--	GW	9/14/2023	0.74	46	920	< 20 U	< 0.50 U	26	610
MW-20-100	MW-20-100-0923	N	LF	--	GW	9/14/2023	< 0.10 U	33	770	< 20 U	< 0.50 U	7.2	590
MW-20-130	MW-20-130-0923	N	LF	--	GW	9/14/2023	< 0.10 U	29	1500	< 20 U	0.87	7.3	1100
MW-21	MW-21-0923	N	LF	--	GW	9/14/2023	7	44	0.36	130	230	< 0.50 U	1000
MW-26	MW-26-0923	N	LF	--	GW	9/14/2023	< 0.10 U	81	< 0.20 U	40	2000	< 0.50 U	270
MW-30-050	MW-30-050-0923	N	LF	--	GW	9/12/2023	2.4	26	< 0.20 U	59	800	< 0.25 U	220
MW-31-060	MW-31-060-0923	N	LF	--	GW	9/14/2023	< 0.10 U	580	< 1.0 U	260	3000	< 0.50 U	270
MW-31-135	MW-31-135-0923	N	LF	--	GW	9/14/2023	< 0.10 U	36	16	< 20 U	12	0.54	470
MW-31-135	MW-919-Q323	FD	--	MW-31-135-0923	GW	9/14/2023	< 0.10 U	37	17	< 20 U	12	0.52	470
MW-34-080	MW-34-080-0923	N	LF	--	GW	9/14/2023	< 0.10 U	36	< 0.20 U	6600	220	< 0.50 U	600
MW-36-090	MW-36-090-0923	N	LF	--	GW	9/14/2023	< 0.10 U	74	< 0.20 U	59	220	< 0.50 U	560
MW-36-100	MW-36-100-0923	N	LF	--	GW	9/14/2023	1.4	79	< 0.20 U	670	770	< 0.50 U	530
MW-39-040	MW-39-040-0923	N	LF	--	GW	9/12/2023	13	75	< 0.20 U	130	80	< 0.25 U	150
MW-39-050	MW-39-050-0923	N	LF	--	GW	9/12/2023	1.4	44	< 0.20 U	< 20 U	230	< 0.25 U	200
MW-39-060	MW-39-060-0923	N	LF	--	GW	9/12/2023	1	71	< 0.20 U	38	280	< 0.25 U	250
MW-39-070	MW-39-070-0923	N	LF	--	GW	9/12/2023	< 0.10 U	65	< 0.20 U	100	36	< 0.25 U	420
MW-39-080	MW-39-080-0923	N	LF	--	GW	9/12/2023	< 0.10 U	34	12	38	6.3	< 0.25 U	750
MW-39-080	MW-920-0923	FD	--	MW-39-080-0923	GW	9/12/2023	< 0.10 U	36	12	< 20 U	6.4	< 0.25 U	760
MW-39-100	MW-39-100-0923	N	LF	--	GW	9/12/2023	< 0.10 U	27	210	< 20 U	8	< 0.25 U	910
MW-44-115	MW-44-115-0923	N	LF	--	GW	9/14/2023	< 0.10 U	26	11	< 20 U	8.9	< 0.50 U	990
MW-44-125	MW-44-125-0923	N	LF	--	GW	9/14/2023	< 0.10 U	47	< 1.0 U	170	460	< 0.50 U	940
MW-45-095A	MW-45-095A-0923	N	LF	--	GW	9/12/2023	< 0.10 U	28	2.4	< 20 U	110	< 0.25 U	440
MW-51	MW-51-0923	N	LF	--	GW	9/13/2023	< 0.10 U	48	12	< 20 U	840	< 0.50 U	360
MW-71-035	MW-71-035-0923	N	LF	--	GW	9/14/2023	< 0.10 U	36	0.47	< 20 U	9.2	1.4	620
MW-76-039	MW-76-039-0923	N	LF	--	GW	9/13/2023	< 0.10 U	140	48	< 20 U	< 0.50 U	< 0.50 U	450
MW-76-039	MW-921-0923	FD	--	MW-76-039-0923	GW	9/13/2023	< 0.10 U	140	47	< 20 U	< 0.50 U	< 0.50 U	450
MW-76-156	MW-76-156-0923	N	LF	--	GW	9/14/2023	< 0.10 U	49	18	< 20 U	20	1.5	660
MW-76-181	MW-76-181-0923	N	LF	--	GW	9/13/2023	< 0.10 U	33	89	< 20 U	12	< 0.50 U	510
MW-76-218	MW-76-218-0923	N	LF	--	GW	9/13/2023	< 0.10 U	30	24	< 20 U	34	< 0.50 U	680
MW-77-046	MW-77-046-0923	N	LF	--	GW	9/11/2023	2.7	110	< 0.20 U	190	890	< 0.50 U	800
MW-77-102	MW-77-102-0923	N	LF	--	GW	9/11/2023	< 0.10 U	60	< 1.0 U	< 20 U	120	1.1	660
MW-77-102	MW-922-0923	FD	--	MW-77-102-0923	GW	9/11/2023	< 0.10 U	62	< 1.0 U	< 20 U	120	1.1	660
MW-77-158	MW-77-158-0923	N	LF	--	GW	9/11/2023	< 0.10 U	40	< 1.0 U	< 20 U	45	< 0.50 U	290
MW-77-187	MW-77-187-0923	N	LF	--	GW	9/11/2023	2.5	20	8.5	< 20 U	17	< 0.50 U	410
MW-78-070	MW-78-070-0923	N	LF	--	GW	9/13/2023	< 0.10 U	110	3.4	< 20 U	490	< 0.50 U	290
MW-78-142	MW-78-142-0923	N	LF	--	GW	9/13/2023	< 0.10 U	33	1400	53	8	2.2	530
MW-79-058	MW-79-058-0923	N	LF	--	GW	9/13/2023	< 0.10 U	130	280	30	18	1.6	470
MW-79-102	MW-79-102-0923	N	LF	--	GW	9/13/2023	< 0.10 U	50	62	51	200	< 0.50 U	390
MW-80-057	MW-80-057-0923	N	LF	--	GW	9/13/2023	< 0.10 U	71	240	170	7.5	2.8	430
MW-80-082	MW-80-082-0923	N	LF	--	GW	9/13/2023	0.39	53	< 1.0 U	< 20 U	340	< 0.50 U	330
MW-81-043	MW-81-043-0923	N	LF	--	GW	9/13/2023	0.8	130	1.6	43	57	< 0.50 U	310
MW-81-043	MW-923-Q323	FD	--	MW-81-043-0923	GW	9/13/2023	0.6	130	1.6	39	55	< 0.50 U	310
MW-81-098	MW-81-098-0923	N	LF	--	GW	9/13/2023	< 0.10 U	44	18	< 20 U	84	0.54	620

Preliminary PCM 2023-09 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by Method SM5310B (mg/L)
MW-20-070	MW-20-070-0923	N	LF	--	GW	9/14/2023	--
MW-20-100	MW-20-100-0923	N	LF	--	GW	9/14/2023	--
MW-20-130	MW-20-130-0923	N	LF	--	GW	9/14/2023	--
MW-21	MW-21-0923	N	LF	--	GW	9/14/2023	--
MW-26	MW-26-0923	N	LF	--	GW	9/14/2023	2.4
MW-30-050	MW-30-050-0923	N	LF	--	GW	9/12/2023	1.3
MW-31-060	MW-31-060-0923	N	LF	--	GW	9/14/2023	0.78
MW-31-135	MW-31-135-0923	N	LF	--	GW	9/14/2023	0.37
MW-31-135	MW-919-Q323	FD	--	MW-31-135-0923	GW	9/14/2023	0.4
MW-34-080	MW-34-080-0923	N	LF	--	GW	9/14/2023	--
MW-36-090	MW-36-090-0923	N	LF	--	GW	9/14/2023	--
MW-36-100	MW-36-100-0923	N	LF	--	GW	9/14/2023	--
MW-39-040	MW-39-040-0923	N	LF	--	GW	9/12/2023	5.6
MW-39-050	MW-39-050-0923	N	LF	--	GW	9/12/2023	1.3
MW-39-060	MW-39-060-0923	N	LF	--	GW	9/12/2023	1
MW-39-070	MW-39-070-0923	N	LF	--	GW	9/12/2023	0.91
MW-39-080	MW-39-080-0923	N	LF	--	GW	9/12/2023	1
MW-39-080	MW-920-0923	FD	--	MW-39-080-0923	GW	9/12/2023	0.82
MW-39-100	MW-39-100-0923	N	LF	--	GW	9/12/2023	1.3
MW-44-115	MW-44-115-0923	N	LF	--	GW	9/14/2023	--
MW-44-125	MW-44-125-0923	N	LF	--	GW	9/14/2023	0.48
MW-45-095A	MW-45-095A-0923	N	LF	--	GW	9/12/2023	0.71
MW-51	MW-51-0923	N	LF	--	GW	9/13/2023	0.72
MW-71-035	MW-71-035-0923	N	LF	--	GW	9/14/2023	--
MW-76-039	MW-76-039-0923	N	LF	--	GW	9/13/2023	0.48
MW-76-039	MW-921-0923	FD	--	MW-76-039-0923	GW	9/13/2023	0.4
MW-76-156	MW-76-156-0923	N	LF	--	GW	9/14/2023	0.32
MW-76-181	MW-76-181-0923	N	LF	--	GW	9/13/2023	0.61
MW-76-218	MW-76-218-0923	N	LF	--	GW	9/13/2023	0.79
MW-77-046	MW-77-046-0923	N	LF	--	GW	9/11/2023	--
MW-77-102	MW-77-102-0923	N	LF	--	GW	9/11/2023	--
MW-77-102	MW-922-0923	FD	--	MW-77-102-0923	GW	9/11/2023	--
MW-77-158	MW-77-158-0923	N	LF	--	GW	9/11/2023	--
MW-77-187	MW-77-187-0923	N	LF	--	GW	9/11/2023	--
MW-78-070	MW-78-070-0923	N	LF	--	GW	9/13/2023	1.6
MW-78-142	MW-78-142-0923	N	LF	--	GW	9/13/2023	0.53
MW-79-058	MW-79-058-0923	N	LF	--	GW	9/13/2023	0.62
MW-79-102	MW-79-102-0923	N	LF	--	GW	9/13/2023	2.7
MW-80-057	MW-80-057-0923	N	LF	--	GW	9/13/2023	1.2
MW-80-082	MW-80-082-0923	N	LF	--	GW	9/13/2023	1.2
MW-81-043	MW-81-043-0923	N	LF	--	GW	9/13/2023	0.62
MW-81-043	MW-923-Q323	FD	--	MW-81-043-0923	GW	9/13/2023	0.62
MW-81-098	MW-81-098-0923	N	LF	--	GW	9/13/2023	0.53

Preliminary PCM 2023-09 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)	Sulfate by Method EPA 300.0 (mg/L)
MW-82-046	MW-82-046-0923	N	LF	--	GW	9/13/2023	21	64	< 1.0 U	6900	430	< 0.50 U	1800
MW-82-168	MW-82-168-0923	N	LF	--	GW	9/13/2023	< 0.10 U	37	< 0.20 U	86	46	< 0.50 U	250
MW-82-198	MW-82-198-0923	N	LF	--	GW	9/13/2023	< 0.10 U	42	< 1.0 U	< 20 U	54	< 0.50 U	320
PT5D	PT5D-0923	N	LF	--	GW	9/11/2023	< 0.10 U	27	350	< 20 U	55	0.6	840
TW-02D	TW-02D-0923	N	LF	--	GW	9/14/2023	3.9	12	3.4	< 20 U	49	< 0.50 U	280
TW-02S	TW-02S-0923	N	LF	--	GW	9/14/2023	< 0.10 U	160	19	< 20 U	< 0.50 U	0.6	310
TW-03D	TW-03D-0923	N	LF	--	GW	9/14/2023	< 0.10 U	140	41	< 20 U	< 0.50 U	0.56	280

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by

SM 5310B which was analyzed by Weck Labs

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

-- = no entry

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

Preliminary PCM 2023-09 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by Method SM5310B (mg/L)
MW-82-046	MW-82-046-0923	N	LF	--	GW	9/13/2023	20
MW-82-168	MW-82-168-0923	N	LF	--	GW	9/13/2023	0.51
MW-82-198	MW-82-198-0923	N	LF	--	GW	9/13/2023	0.49
PT5D	PT5D-0923	N	LF	--	GW	9/11/2023	--
TW-02D	TW-02D-0923	N	LF	--	GW	9/14/2023	--
TW-02S	TW-02S-0923	N	LF	--	GW	9/14/2023	--
TW-03D	TW-03D-0923	N	LF	--	GW	9/14/2023	--

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Total Organic Carbon by

SM 5310B which was analyzed by Weck Labs

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LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Preliminary Phase 2 2023-08 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)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
ER-03	ER-03-0823	N	3V	GW	8/9/2023	22	--	--	--	< 5.0 U	330	5900	< 1.0 U
ER-04	ER-04-0823	N	3V	GW	8/9/2023	25	--	--	--	< 5.0 U	320	5900	< 1.0 U
FW-02B-127	FW-02B-127-0823	N	LF	GW	8/10/2023	93	< 0.10 U	110	0.38	< 2.5 U	120	460	5.2
MW-88-107	MW-88-107-0823	N	LF	GW	8/10/2023	140	1.1	77	0.58	< 2.5 U	130	800	140

Notes:

All samples were sent to Asset Laboratories for analyses.

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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

Preliminary Phase 2 2023-08 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	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)
ER-03	ER-03-0823	N	3V	GW	8/9/2023	< 1.0 U	5.9	--	--	--	110	3.3	1300
ER-04	ER-04-0823	N	3V	GW	8/9/2023	< 1.0 U	5.5	--	--	--	340	4.2	730
FW-02B-127	FW-02B-127-0823	N	LF	GW	8/10/2023	7	0.73	290	110	400	31	27	59
MW-88-107	MW-88-107-0823	N	LF	GW	8/10/2023	140	1	330	70	400	24	17	1.6

Notes:

All samples were sent to Asset Laboratories for analyses.

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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

Preliminary Phase 2 2023-08 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	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)
ER-03	ER-03-0823	N	3V	GW	8/9/2023	< 0.50 U	51	4400	720	12000	--
ER-04	ER-04-0823	N	3V	GW	8/9/2023	< 0.50 U	51	3900	720	12000	--
FW-02B-127	FW-02B-127-0823	N	LF	GW	8/10/2023	7	14	270	180	1200	17
MW-88-107	MW-88-107-0823	N	LF	GW	8/10/2023	13	17	560	260	1900	< 10 U

Notes:

All samples were sent to Asset Laboratories for analyses.

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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

Preliminary Phase 2 2023-09 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)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
FW-02B-127	FW-02B-127-0923	N	LF	GW	9/12/2023	100	< 0.10 U	120	0.39	< 5.0 U	120	430	13
MW-88-107	MW-88-107-0923	N	LF	GW	9/12/2023	180	4.4	25	0.31	< 5.0 U	27	84	32

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

SM = standard method

SW = solid waste

U = analyte not detected

Preliminary Phase 2 2023-09 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	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-127-0923	N	LF	GW	9/12/2023	16	0.61	310	120	420	26	29	17
MW-88-107	MW-88-107-0923	N	LF	GW	9/12/2023	34	0.91	67	15	82	23	3.7	2.6

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

SM = standard method

SW = solid waste

U = analyte not detected

Preliminary Phase 2 2023-09 Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	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-127-0923	N	LF	GW	9/12/2023	9.6	11	180	170	1200	< 10 U
MW-88-107	MW-88-107-0923	N	LF	GW	9/12/2023	13	5.4	140	84	520	< 10 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

GW = groundwater

LF = low flow

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Preliminary RCM 2023-07 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-67-185-0723	N	LF	GW	7/21/2023	< 80 U	84	960	21	28	150
MW-68-180	MW-68-180-0723	N	LF	GW	7/21/2023	2300	2200	--	40	--	--

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

Preliminary RCM 2023-08 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-38D	MW-38D-Q323	N	LF	--	GW	8/18/2023	< 4.0 U	< 5.0 U	--	33	< 1.0 U	< 2.5 U
MW-38S	MW-38S-Q323	N	LF	--	GW	8/18/2023	28	30	--	9.5	6	4.8
MW-65-160	MW-65-160-Q323	N	LF	--	GW	8/18/2023	280	300	--	25	13	10
MW-65-225	MW-65-225-Q323	N	LF	--	GW	8/18/2023	380	380	--	22	8.1	5.5
MW-67-185	MW-67-185-0823	N	LF	--	GW	8/18/2023	< 80 U	59	780	23	27	130
MW-67-185	MW-924-Q323	FD	--	MW-67-185-0823	GW	8/18/2023	< 80 U	73	750	24	27	140
MW-68-180	MW-68-180-Q323	N	LF	--	GW	8/18/2023	13000	13000	--	40	14	8.6
MW-69-195	MW-69-195-Q323	N	LF	--	GW	8/17/2023	240	250	--	52	17	15

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

Preliminary RCM 2023-08 Surface Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
C-BNS	C-BNS-Q323	N	R	--	Surface Water	8/16/2023	2.6	< 0.20 U	2.8
C-CON-D	C-CON-D-Q323	N	R	--	Surface Water	8/17/2023	2.4	< 0.20 U	0.81
C-CON-S	C-CON-S-Q323	N	R	--	Surface Water	8/17/2023	2.4	< 0.20 U	< 0.50 U
C-I-3-D	C-I-3-D-Q323	N	R	--	Surface Water	8/16/2023	2.5	< 0.20 U	2.2
C-I-3-S	C-I-3-S-Q323	N	R	--	Surface Water	8/16/2023	2.4	< 0.20 U	2
C-MAR-D	C-MAR-D-Q323	N	R	--	Surface Water	8/17/2023	2.4	< 0.20 U	17
C-MAR-S	C-MAR-S-Q323	N	R	--	Surface Water	8/17/2023	2.6	< 0.20 U	10
C-NR1-D	C-NR1-D-Q323	N	R	--	Surface Water	8/17/2023	2.4	< 0.20 U	< 0.50 U
C-NR1-S	C-NR1-S-Q323	N	R	--	Surface Water	8/17/2023	2.5	< 0.20 U	0.61
C-NR3-D	C-NR3-D-Q323	N	R	--	Surface Water	8/17/2023	2.5	< 0.20 U	< 0.50 U
C-NR3-D	MW-925-Q323	FD	--	C-NR3-D-Q323	Surface Water	8/17/2023	2.3	< 0.20 U	< 0.50 U
C-NR3-S	C-NR3-S-Q323	N	R	--	Surface Water	8/17/2023	2.4	< 0.20 U	0.87
C-NR4-D	C-NR4-D-Q323	N	R	--	Surface Water	8/17/2023	2.4	< 0.20 U	< 0.50 U
C-NR4-S	C-NR4-S-Q323	N	R	--	Surface Water	8/17/2023	2.3	< 0.20 U	0.75
C-R22A-D	C-R22A-D-Q323	N	R	--	Surface Water	8/16/2023	2.4	< 0.20 U	2.5
C-R22A-S	C-R22A-S-Q323	N	R	--	Surface Water	8/16/2023	2.6	< 0.20 U	2.9
C-R27-D	C-R27-D-Q323	N	R	--	Surface Water	8/16/2023	2.5	< 0.20 U	2.7
C-R27-S	C-R27-S-Q323	N	R	--	Surface Water	8/16/2023	2.4	< 0.20 U	2.2
C-R27-S	MW-926-Q323	FD	--	C-R27-S-Q323	Surface Water	8/16/2023	2.6	< 0.20 U	2.3
C-TAZ-D	C-TAZ-D-Q323	N	R	--	Surface Water	8/16/2023	2.5	< 0.20 U	2.3
C-TAZ-S	C-TAZ-S-Q323	N	R	--	Surface Water	8/16/2023	2.8	< 0.20 U	2
R-19	R-19-Q323	N	R	--	Surface Water	8/17/2023	2.5	< 0.20 U	0.91
R-28	R-28-Q323	N	R	--	Surface Water	8/16/2023	2.3	< 0.20 U	2.7
R63	R63-Q323	N	R	--	Surface Water	8/16/2023	2.2	< 0.20 U	6.3
R63	MW-927-Q323	FD	--	R63-Q323	Surface Water	8/16/2023	2.3	< 0.20 U	6.7
RRB	RRB-Q323	N	R	--	Surface Water	8/17/2023	2.5	< 0.20 U	1.3
SW1	SW1-Q323	N	R	--	Surface Water	8/16/2023	2.5	< 0.20 U	4.4
SW2	SW2-Q323	N	R	--	Surface Water	8/16/2023	2.3	< 0.20 U	5.7

Notes:

All samples were sent to Asset Laboratories for analyses.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

FD = field duplicate

N = Normal

R = River

SW = solid waste

-- = no entry

Preliminary RCM 2023-09 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-67-185-0923	N	LF	GW	9/11/2023	< 80 U	73	67	22	29	120
MW-68-180	MW-68-180-0923	N	LF	GW	9/11/2023	4700	5100	--	42	--	--

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