

Hydro 6 2022-01 Sampling

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Aluminum, dissolved by Method SW 6020A (µg/L)	Antimony, dissolved by Method SW 6020A (µg/L)	Arsenic, dissolved by Method SW 6020A (µg/L)	Barium, dissolved by Method SW 6020A (µg/L)	Beryllium, dissolved by Method SW 6020A (µg/L)	Boron, dissolved by Method SW 6020A (mg/L)	Cadmium, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	MW-924-Q122	FD	HNWR-01A-98-Q122	GW	2/16/2022	< 200 U	< 1.0 U	14.9	104	< 1.0 U	0.533	< 1.0 U
HNWR-01A-098	HNWR-01A-98-Q122	N	--	GW	2/16/2022	< 200 U	< 1.0 U	14.4	104	< 1.0 U	0.536	< 1.0 U
HNWR-01A-174	HNWR-01A-174-Q122	N	--	GW	2/17/2022	< 200 U	< 1.0 U	14.6	100	< 1.0 U	0.548	< 1.0 U
MARINA-1	MARINA-1-Q122	N	--	GW	3/10/2022	< 2000 U	< 10 U	< 10 U	74.1	< 10 U	2.64	< 10 U
MARINA-1	MW-925-Q122	FD	MARINA-1-Q122	GW	3/10/2022	< 2000 U	< 10 U	< 10 U	73.9	< 10 U	2.59	< 10 U
MTS-1	MTS-1-Q122	N	--	GW	2/16/2022	< 200 U	< 1.0 U	20.7	65.8	< 1.0 U	0.667	< 1.0 U
MTS-2	MTS-2-Q122	N	--	GW	2/16/2022	< 200 U	< 1.0 U	16.6	89.7	< 1.0 U	0.804	< 1.0 U
MW-94-030	MW-94-030-Q122	N	--	GW	2/16/2022	< 200 U	< 1.0 U	4.08	58.5	< 1.0 U	0.585	< 1.0 U
MW-94-100	MW-94-100-Q122	N	--	GW	2/16/2022	< 200 U	< 1.0 U	11.2	83.2	< 1.0 U	0.51	< 1.0 U
MW-94-175	MW-94-175-Q122	N	--	GW	2/16/2022	< 200 U	< 1.0 U	11.2	97.8	< 1.0 U	0.432	< 1.0 U
MW-99-060	MW-99-060-Q122	N	--	GW	2/15/2022	< 200 U	< 1.0 U	9.25	27.1	< 1.0 U	1.08	< 1.0 U
MW-99-140	MW-99-140-Q122	N	--	GW	2/15/2022	< 200 U	1.03	4.32	52.2	< 1.0 U	0.645	< 1.0 U
PGE-09N	PGE-09N-Q122	N	--	GW	2/15/2022	< 2000 U	< 10 U	38.4	64.7	< 10 U	2.15	< 10 U
PGE-09S	PGE-09S-Q122	N	--	GW	2/15/2022	< 2000 U	< 10 U	< 10 U	45.9	< 10 U	2.09	< 10 U
Site B-165	SITE B-165-Q122	N	--	GW	2/17/2022	< 200 U	< 1.0 U	16.1	116	< 1.0 U	0.347	< 1.0 U
Site B-220	SITE B-220-Q122	N	--	GW	2/17/2022	< 200 U	< 1.0 U	16.8	117	< 1.0 U	0.34	< 1.0 U
Site B-285	SITE B-285-Q122	N	--	GW	2/17/2022	< 200 U	< 1.0 U	17	118	< 1.0 U	0.336	< 1.0 U

Notes:

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Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	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)	Copper, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	MW-924-Q122	FD	HNWR-01A-98-Q122	GW	2/16/2022	30,900	30.6	591	13.6	18	< 1.0 U	< 2.0 U
HNWR-01A-098	HNWR-01A-98-Q122	N	--	GW	2/16/2022	30,400	30.8	658	13.7	17.6	< 1.0 U	< 2.0 U
HNWR-01A-174	HNWR-01A-174-Q122	N	--	GW	2/17/2022	29,400	29.7	563	14.1	17.1	< 1.0 U	< 2.0 U
MARINA-1	MARINA-1-Q122	N	--	GW	3/10/2022	378,000	313	12400	2.08	< 10 U	< 10 U	< 20 U
MARINA-1	MW-925-Q122	FD	MARINA-1-Q122	GW	3/10/2022	367,000	316	11700	1.99	< 10 U	< 10 U	< 20 U
MTS-1	MTS-1-Q122	N	--	GW	2/16/2022	90,400	91	938	< 1.0 U	< 1.0 U	< 1.0 U	< 2.0 U
MTS-2	MTS-2-Q122	N	--	GW	2/16/2022	96,600	91.9	612	5.54	8.37	< 1.0 U	7.23
MW-94-030	MW-94-030-Q122	N	--	GW	2/16/2022	57,000	58.2	306	20.1	23.4	< 1.0 U	< 2.0 U
MW-94-100	MW-94-100-Q122	N	--	GW	2/16/2022	41,500	40.9	336	9	10.6	< 1.0 U	< 2.0 U
MW-94-175	MW-94-175-Q122	N	--	GW	2/16/2022	23,500	23.4	176	14.2	16.7	< 1.0 U	< 2.0 U
MW-99-060	MW-99-060-Q122	N	--	GW	2/15/2022	51,100	50.6	451	< 0.20 U	1.04	< 1.0 U	< 2.0 U
MW-99-140	MW-99-140-Q122	N	--	GW	2/15/2022	62,200	63.1	459	2.9	4.16	< 1.0 U	< 2.0 U
PGE-09N	PGE-09N-Q122	N	--	GW	2/15/2022	201,000	192	3470	< 1.0 U	< 10 U	< 10 U	< 20 U
PGE-09S	PGE-09S-Q122	N	--	GW	2/15/2022	175,000	176	3420	< 1.0 U	< 10 U	< 10 U	< 20 U
Site B-165	SITE B-165-Q122	N	--	GW	2/17/2022	34,600	34.5	302	27.9	35.3	< 1.0 U	< 2.0 U
Site B-220	SITE B-220-Q122	N	--	GW	2/17/2022	34,600	34.4	296	29	48	< 1.0 U	< 2.0 U
Site B-285	SITE B-285-Q122	N	--	GW	2/17/2022	34,700	34.6	299	29.5	51.3	< 1.0 U	< 2.0 U

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Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Deuterium by Method CFIRM (0/00)	Fluoride by Method EPA 300.0 (mg/L)	Iron, dissolved by Method SW 6020A (µg/L)	Lead, dissolved by Method SW 6020A (µg/L)	Magnesium by Method SW 6020A (µg/L)	Magnesium, dissolved by Method SW 6020A (mg/L)	Manganese, dissolved by Method SW 6020A (µg/L)
HNWR-01A-098	MW-924-Q122	FD	HNWR-01A-98-Q122	GW	2/16/2022	-74.4	4.65	< 100 U	< 1.0 U	2,350	2.27	< 10 U
HNWR-01A-098	HNWR-01A-98-Q122	N	--	GW	2/16/2022	-75	4.64	< 100 U	< 1.0 U	2,230	2.3	< 10 U
HNWR-01A-174	HNWR-01A-174-Q122	N	--	GW	2/17/2022	-73.9	4.61	< 100 U	< 1.0 U	2,220	2.25	< 10 U
MARINA-1	MARINA-1-Q122	N	--	GW	3/10/2022	-77.3	3.5	< 1000 U	< 10 U	9,570	8.92	< 100 U
MARINA-1	MW-925-Q122	FD	MARINA-1-Q122	GW	3/10/2022	-77.8	3.26	< 1000 U	< 10 U	9,760	8.92	< 100 U
MTS-1	MTS-1-Q122	N	--	GW	2/16/2022	-74.9	5.08	< 100 U	< 1.0 U	3,000	2.84	< 10 U
MTS-2	MTS-2-Q122	N	--	GW	2/16/2022	-75.7	5.48	178	< 1.0 U	3,150	3.17	21.8
MW-94-030	MW-94-030-Q122	N	--	GW	2/16/2022	-71.4	3.86	< 100 U	< 1.0 U	12,400	12.5	< 10 U
MW-94-100	MW-94-100-Q122	N	--	GW	2/16/2022	-73.9	3.5	< 100 U	< 1.0 U	6,140	6.07	< 10 U
MW-94-175	MW-94-175-Q122	N	--	GW	2/16/2022	-72.7	4.06	< 100 U	< 1.0 U	1,540	1.55	< 10 U
MW-99-060	MW-99-060-Q122	N	--	GW	2/15/2022	-71.9	3.12	138	< 1.0 U	18,600	18.7	123
MW-99-140	MW-99-140-Q122	N	--	GW	2/15/2022	-73.5	3.85	< 100 U	< 1.0 U	9,940	9.88	12
PGE-09N	PGE-09N-Q122	N	--	GW	2/15/2022	-75.9	3.72	6110	< 10 U	92,600	89.2	775
PGE-09S	PGE-09S-Q122	N	--	GW	2/15/2022	-77.9	2.33	7430	< 10 U	107,000	107	510
Site B-165	SITE B-165-Q122	N	--	GW	2/17/2022	-76.5	4.38	< 100 U	< 1.0 U	6,660	6.76	< 10 U
Site B-220	SITE B-220-Q122	N	--	GW	2/17/2022	-75.5	4.44	< 100 U	< 1.0 U	6,780	6.72	< 10 U
Site B-285	SITE B-285-Q122	N	--	GW	2/17/2022	-75.4	4.38	123	< 1.0 U	6,720	6.73	< 10 U

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Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Mercury, dissolved by Method EPA 7470A (µg/L)	Molybdenum, dissolved by Method SW 6020A (µg/L)	Nickel, dissolved by Method SW 6020A (µg/L)	Nitrate by Method EPA 300.0 (mg/L)	Oxygen 18 by Method CFIRM (0/00)	Potassium by Method SW 6020A (µg/L)	Potassium, dissolved by Method SW 6020A (mg/L)
HNWR-01A-098	MW-924-Q122	FD	HNWR-01A-98-Q122	GW	2/16/2022	< 0.50 U	15.8	15.1	2.21	-10.05	6,930	7.14
HNWR-01A-098	HNWR-01A-98-Q122	N	--	GW	2/16/2022	< 0.50 U	15.7	14.6	2.28	-10.04	6,830	6.94
HNWR-01A-174	HNWR-01A-174-Q122	N	--	GW	2/17/2022	< 0.50 U	15.7	14.7	2.22	-10.08	6,810	6.82
MARINA-1	MARINA-1-Q122	N	--	GW	3/10/2022	< 0.50 U	66.7	< 10 U	< 1.0 U	-10.22	61,500	49.6
MARINA-1	MW-925-Q122	FD	MARINA-1-Q122	GW	3/10/2022	< 0.50 U	67.5	< 10 U	< 1.0 U	-10.19	59,500	50.3
MTS-1	MTS-1-Q122	N	--	GW	2/16/2022	< 0.50 U	16.2	< 1.0 U	0.436	-10.1	8,400	8.49
MTS-2	MTS-2-Q122	N	--	GW	2/16/2022	< 0.50 U	19.6	< 1.0 U	1.79	-10.01	7,540	7.6
MW-94-030	MW-94-030-Q122	N	--	GW	2/16/2022	< 0.50 U	11.2	< 1.0 U	3.47	-9.58	6,220	6.24
MW-94-100	MW-94-100-Q122	N	--	GW	2/16/2022	< 0.50 U	20.2	< 1.0 U	1.94	-9.75	6,410	6.43
MW-94-175	MW-94-175-Q122	N	--	GW	2/16/2022	< 0.50 U	11	< 1.0 U	2.27	-10.01	5,220	5.26
MW-99-060	MW-99-060-Q122	N	--	GW	2/15/2022	< 0.50 U	38.2	3.85	< 0.10 U	-9.58	12,000	12
MW-99-140	MW-99-140-Q122	N	--	GW	2/15/2022	< 0.50 U	21.2	4.4	1.92	-9.83	8,750	8.82
PGE-09N	PGE-09N-Q122	N	--	GW	2/15/2022	< 0.50 U	62.2	< 10 U	< 0.20 U	-9.76	14,100	13.4
PGE-09S	PGE-09S-Q122	N	--	GW	2/15/2022	< 0.50 U	45.9	< 10 U	< 0.20 U	-9.92	16,100	16.3
Site B-165	SITE B-165-Q122	N	--	GW	2/17/2022	< 0.50 U	14.7	40.5	2.61	-10.22	5,440	5.45
Site B-220	SITE B-220-Q122	N	--	GW	2/17/2022	< 0.50 U	16.1	28.9	2.49	-10.22	5,420	5.41
Site B-285	SITE B-285-Q122	N	--	GW	2/17/2022	< 0.50 U	13.7	26.5	2.47	-10.2	5,500	5.42

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Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	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)	Total dissolved solids by Method SM 2540 C (mg/L)
HNWR-01A-098	MW-924-Q122	FD	HNWR-01A-98-Q122	GW	2/16/2022	< 1.0 U	< 1.0 U	448,000	438	91	< 1.0 U	1170
HNWR-01A-098	HNWR-01A-98-Q122	N	--	GW	2/16/2022	< 1.0 U	< 1.0 U	450,000	441	83	< 1.0 U	1230
HNWR-01A-174	HNWR-01A-174-Q122	N	--	GW	2/17/2022	< 1.0 U	< 1.0 U	438,000	441	88.3	< 1.0 U	1130
MARINA-1	MARINA-1-Q122	N	--	GW	3/10/2022	< 10 U	< 10 U	6,570,000	5,280	864	< 10 U	14600
MARINA-1	MW-925-Q122	FD	MARINA-1-Q122	GW	3/10/2022	< 10 U	< 10 U	6,140,000	5,260	754	< 10 U	16800
MTS-1	MTS-1-Q122	N	--	GW	2/16/2022	< 1.0 U	< 1.0 U	598,000	602	126	< 1.0 U	1810
MTS-2	MTS-2-Q122	N	--	GW	2/16/2022	< 1.0 U	< 1.0 U	416,000	393	132	< 1.0 U	1260
MW-94-030	MW-94-030-Q122	N	--	GW	2/16/2022	4.22	< 1.0 U	218,000	222	149	< 1.0 U	805
MW-94-100	MW-94-100-Q122	N	--	GW	2/16/2022	< 1.0 U	< 1.0 U	263,000	261	90.6	< 1.0 U	839
MW-94-175	MW-94-175-Q122	N	--	GW	2/16/2022	< 1.0 U	< 1.0 U	190,000	190	56	< 1.0 U	572
MW-99-060	MW-99-060-Q122	N	--	GW	2/15/2022	< 1.0 U	< 1.0 U	451,000	451	165	< 1.0 U	1040
MW-99-140	MW-99-140-Q122	N	--	GW	2/15/2022	1.35	< 1.0 U	354,000	367	135	< 1.0 U	1110
PGE-09N	PGE-09N-Q122	N	--	GW	2/15/2022	< 10 U	< 10 U	2,450,000	2,410	976	< 10 U	5670
PGE-09S	PGE-09S-Q122	N	--	GW	2/15/2022	< 10 U	< 10 U	2,400,000	2,400	825	< 10 U	6050
Site B-165	SITE B-165-Q122	N	--	GW	2/17/2022	1.06	< 1.0 U	240,000	231	76.3	< 1.0 U	684
Site B-220	SITE B-220-Q122	N	--	GW	2/17/2022	< 1.0 U	< 1.0 U	233,000	235	74.6	< 1.0 U	515
Site B-285	SITE B-285-Q122	N	--	GW	2/17/2022	1.08	< 1.0 U	234,000	236	78.7	< 1.0 U	572

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HNWR-01A-098	MW-924-Q122	FD	HNWR-01A-98-Q122	GW	2/16/2022	18.2	< 20 U
HNWR-01A-098	HNWR-01A-98-Q122	N	--	GW	2/16/2022	17.8	< 20 U
HNWR-01A-174	HNWR-01A-174-Q122	N	--	GW	2/17/2022	18	< 20 U
MARINA-1	MARINA-1-Q122	N	--	GW	3/10/2022	< 10 U	< 200 U
MARINA-1	MW-925-Q122	FD	MARINA-1-Q122	GW	3/10/2022	< 10 U	< 200 U
MTS-1	MTS-1-Q122	N	--	GW	2/16/2022	3.69	< 20 U
MTS-2	MTS-2-Q122	N	--	GW	2/16/2022	12.3	25.8
MW-94-030	MW-94-030-Q122	N	--	GW	2/16/2022	14.6	< 20 U
MW-94-100	MW-94-100-Q122	N	--	GW	2/16/2022	16.5	< 20 U
MW-94-175	MW-94-175-Q122	N	--	GW	2/16/2022	18.2	< 20 U
MW-99-060	MW-99-060-Q122	N	--	GW	2/15/2022	< 1.0 U	< 20 U
MW-99-140	MW-99-140-Q122	N	--	GW	2/15/2022	6.12	< 20 U
PGE-09N	PGE-09N-Q122	N	--	GW	2/15/2022	< 10 U	< 200 U
PGE-09S	PGE-09S-Q122	N	--	GW	2/15/2022	< 10 U	< 200 U
Site B-165	SITE B-165-Q122	N	--	GW	2/17/2022	16.4	< 20 U
Site B-220	SITE B-220-Q122	N	--	GW	2/17/2022	17.1	< 20 U
Site B-285	SITE B-285-Q122	N	--	GW	2/17/2022	17.6	< 20 U

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OMM 2022-Q1 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (ug/L)	Chromium, total by Method SW 6020 (ug/L)	Ethanol by Method SW 8260B (ug/L)	Iron, dissolved by Method SW 6010B (ug/L)	Manganese, dissolved by Method SW 6020 (ug/L)	Total organic carbon by Method SM 5310 C (mg/L)
BACKWASH POST-FILTER	BACKWASH POST-FILTER-012522	N	WATER	1/25/2022	630	650	--	< 20 U	4.8	--
BACKWASH POST-FILTER	BACKWASH POST-FILTER-020822	N	WATER	2/8/2022	710	710	--	160 J	35	--
BACKWASH POST-FILTER	BACKWASH POST-FILTER-030122	N	WATER	3/2/2022	430	490	--	74	290	--
BACKWASH POST-FILTER	BACKWASH POST-FILTER-031422	N	WATER	3/14/2022	480	460	--	< 20 U	130	--
BACKWASH PRE-FILTER	BACKWASH PRE-FILTER-012522	N	WATER	1/25/2022	640	640	--	< 20 U	4.8	--
BACKWASH PRE-FILTER	BACKWASH PRE-FILTER-020822	N	WATER	2/8/2022	680	660	--	< 20 UJ	33	--
BACKWASH PRE-FILTER	BACKWASH PRE-FILTER-030122	N	WATER	3/2/2022	440	510	--	70	290	--
BACKWASH PRE-FILTER	BACKWASH PRE-FILTER-031422	N	WATER	3/14/2022	480	470	--	< 20 U	130	--
CAB_MIXER_606	CAB_MIXER_606-010622	N	GW	1/6/2022	--	--	--	--	--	5.9
CAB_MIXER_606	CAB_MIXER_606-012422	N	GW	1/24/2022	--	--	--	--	--	3
CAB_MIXER_606	CAB_MIXER_606-020722	N	GW	2/7/2022	--	--	--	--	--	< 5.0 U
CAB_MIXER_606	CAB_MIXER_606-031822	N	GW	3/18/2022	--	--	1,400,000	--	--	230
CAB_MIXER_607	CAB_MIXER_607-010622	N	GW	1/6/2022	--	--	--	--	--	8
CAB_MIXER_607	CAB_MIXER_607-012422	N	GW	1/24/2022	--	--	--	--	--	3.7
CAB_MIXER_607	CAB_MIXER_607-031822	N	GW	3/18/2022	--	--	1,300,000	--	--	9.3
IRZ-27	IRZ-27 BACKWASH-021722	N	WATER	2/17/2022	380	420 J	--	< 20 UJ	41 J	--

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-- = Not analyzed

Unvalidated OMM 2022-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)
BACKWASH POST-FILTER	BACKWASH POST-FILTER-041122	N	WATER	4/11/2022	420	420	< 20 U	71
BACKWASH PRE-FILTER	BACKWASH PRE-FILTER-041122	N	WATER	4/11/2022	410	380	< 20 U	70

Notes:

All samples were sent to Asset for analyses.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

N = Normal

SW = solid waste

U = analyte not detected

PCM 2022-01 Sampling

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Ammonia as nitrogen by Method SM 4500-NH3 G (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	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)
MW-47-115	MW-47-115-Q122	N	NA	GW	3/3/2022	--	--	--	20	--	--	--	--	--	--
MW-49-135	MW-49-135-Q122	N	NA	GW	3/8/2022	--	--	--	1.3	--	--	--	--	--	--
MW-49-275	MW-49-275-Q122	N	NA	GW	3/8/2022	--	--	--	1.1	--	--	--	--	--	--
MW-49-365	MW-49-365-Q122	N	NA	GW	3/8/2022	--	--	--	< 1.0 U	--	--	--	--	--	--
MW-51	MW-51-Q122	N	NA	GW	3/14/2022	< 0.20 U	< 0.10 UJ	37	2300	2,400	--	< 100 U	6.3	49	5.5
MW-51	MW-907-Q122	FD	MW-51-Q122	GW	3/14/2022	< 0.20 U	< 0.10 UJ	38	2300	2,300	--	< 100 U	6.1	49	5.5
MW-52D	MW-52D-Q122	N	NA	GW	3/8/2022	--	2.1 J	39	< 1.0 U	--	--	530 J	210	--	< 0.25 U
MW-52M	MW-52M-Q122	N	NA	GW	3/8/2022	--	< 0.10 UJ	56	< 1.0 U	--	--	1000 J	180	--	< 0.25 U
MW-52S	MW-52S-Q122	N	NA	GW	3/8/2022	--	< 0.10 UJ	1000	< 1.0 U	--	--	21000 J	1200	--	< 0.25 U
MW-53D	MW-53D-Q122	N	NA	GW	3/8/2022	--	2.3 J	44	< 1.0 U	--	--	250 J	1000	--	< 0.25 U
MW-53M	MW-53M-Q122	N	NA	GW	3/8/2022	--	< 0.10 UJ	70	< 1.0 U	--	--	990 J	510	--	< 0.25 U
MW-53S	MW-53S-Q122	N	NA	GW	3/8/2022	--	< 0.10 UJ	200	< 0.20 U	--	--	5400 J	1200	--	< 0.25 U
MW-71-035	MW-71-035-Q122	N	NA	GW	3/14/2022	< 0.23 U	< 0.10 UJ	47	< 1.0 U	< 1.0 U	--	36	20	13	< 0.50 U
MW-75-033	MW-75-033-Q122	N	NA	GW	3/2/2022	--	--	--	39	--	--	--	--	--	--
MW-75-033	MW-908-Q122	FD	MW-75-033-Q122	GW	3/2/2022	--	--	--	40	--	--	--	--	--	--
MW-75-117	MW-75-117-Q122	N	NA	GW	3/2/2022	--	--	--	2.7	--	--	--	--	--	--
MW-75-202	MW-75-202-Q122	N	NA	GW	3/2/2022	--	--	--	< 1.0 U	--	--	--	--	--	--
MW-75-267	MW-75-267-Q122	N	NA	GW	3/2/2022	--	--	--	< 1.0 U	--	--	--	--	--	--
MW-75-337	MW-75-337-Q122	N	NA	GW	3/2/2022	--	--	--	< 1.0 U	--	--	--	--	--	--
MW-76-039	MW-76-039-Q122	N	NA	GW	3/7/2022	< 0.20 U	< 0.10 UJ	62 J	41	39	--	< 100 U	11	15	2.4 J
MW-76-039	MW-909-Q122	FD	MW-76-039-Q122	GW	3/7/2022	< 0.20 U	< 0.10 UJ	62 J	40	41	--	< 100 U	11	16	2.5 J
MW-76-156	MW-76-156-Q122	N	NA	GW	3/7/2022	< 0.20 U	< 0.10 UJ	70 J	2	3	--	< 100 U	160	25	1.5 J
MW-76-181	MW-76-181-Q122	N	NA	GW	3/7/2022	< 0.20 U	< 0.10 UJ	75 J	1600	1,500	--	< 100 U	150	27	2.2 J
MW-76-218	MW-76-218-Q122	N	NA	GW	3/7/2022	< 0.20 U	3.5 J	79 J	670	700	--	< 100 U	270	54	1.6 J
MW-76-218	MW-910-Q122	FD	MW-76-218-Q122	GW	3/7/2022	< 0.20 U	3 J	73 J	680	620	--	< 100 U	250	47	1.6 J
MW-77-046	MW-77-046-Q122	N	NA	GW	3/1/2022	--	0.89	43	< 0.20 U	--	--	1500	270	--	< 0.25 U
MW-77-102	MW-77-102-Q122	N	NA	GW	3/1/2022	--	< 0.10 U	48	< 0.20 U	--	--	< 100 U	29	--	0.93
MW-77-158	MW-77-158-Q122	N	NA	GW	3/1/2022	--	< 0.10 U	49	52	--	--	< 100 U	68	--	1.6
MW-77-187	MW-77-187-Q122	N	NA	GW	3/1/2022	--	4.4	44	10	--	--	< 500 U	35	--	1.4
MW-78-070	MW-78-070-Q122	N	NA	GW	3/10/2022	< 0.20 U	0.7	57	1800	1,800	--	49	290	13	4.8
MW-78-142	MW-78-142-Q122	N	NA	GW	3/10/2022	< 0.20 U	< 0.10 U	29	5700	5,600	--	52	4.5	22	9.1
MW-78-142	MW-911-Q122	FD	MW-78-142-Q122	GW	3/10/2022	< 0.20 U	< 0.10 U	29	5700	5,500	--	45	4.1	22	9.1
MW-79-058	MW-79-058-Q122	N	NA	GW	3/14/2022	< 0.20 U	0.34 J	84	2900	3,000	--	77	2.1	8.6	9.7
MW-79-102	MW-79-102-Q122	N	NA	GW	3/14/2022	< 0.20 U	0.78 J	38	3600	3,500	--	70	4.2	29	15
MW-79-102	MW-912-Q122	FD	MW-79-102-Q122	GW	3/14/2022	< 0.20 U	0.75 J	38	3600	3,600	--	73	4.1	29	15
MW-80-057	MW-80-057-Q122	N	NA	GW	3/14/2022	< 0.20 U	1 J	53	690	680	--	34	4.1	46	11
MW-80-082	MW-80-082-Q122	N	NA	GW	3/14/2022	< 0.20 U	0.22 J	42	2200	2,300	--	< 20 U	0.78	19	9.4
MW-80-082	MW-913-Q122	FD	MW-80-082-Q122	GW	3/14/2022	< 0.20 U	0.31 J	43	2300	2,300	--	< 20 U	0.89	19	9.3
MW-81-043	MW-81-043-Q122	N	NA	GW	3/1/2022	--	< 0.10 U	110	17	--	--	< 20 U	150	--	0.99
MW-81-098	MW-81-098-Q122	N	NA	GW	3/1/2022	--	< 0.10 U	100	< 1.0 U	--	--	< 100 U	120	--	0.94
MW-82-046	MW-82-046-Q122	N	NA	GW	3/1/2022	--	13	68	< 1.0 U	--	--	6600	210	--	< 0.50 U
MW-82-112	MW-82-112-Q122	N	NA	GW	3/1/2022	--	< 0.10 U	38	< 0.20 U	--	--	110 J	58	--	0.6
MW-82-168	MW-82-168-Q122	N	NA	GW	3/1/2022	--	1.9	50	1.2	--	--	< 100 U	200	--	1.3
MW-82-198	MW-82-198-Q122	N	NA	GW	3/1/2022	--	3.1	52	2.9	--	--	< 500 U	160	--	1.7
MW-86-030	MW-86-030-Q122	N	NA	GW	3/7/2022	--	5.4 J	97	< 0.20 U	--	--	360	260	--	< 0.25 U
MW-86-066	MW-86-066-Q122	N	NA	GW	3/7/2022	--	< 0.10 UJ	81	< 0.20 U	--	--	23	670	--	< 0.50 U
MW-86-120	MW-86-120-Q122	N	NA	GW	3/7/2022	--	< 0.10 UJ	42	< 1.0 U	--	--	< 100 U	370	--	< 0.50 U
MW-86-140	MW-86-140-Q122	N	NA	GW	3/7/2022	--	< 0.10 UJ	50	< 1.0 U	--	--	< 100 U	820	--	< 0.50 U
MW-90-031	MW-90-031-Q122	N	NA	GW	3/4/2022	--	< 0.10 U	97	< 1.0 U	--	--	3600	240	--	0.66
MW-96-045	MW-96-045-Q122	N	NA	GW	3/2/2022	--	--	--	< 0.20 U	--	--	--	--	--	--
MW-96-217	MW-96-217-Q122	N	NA	GW	3/2/2022	--	--	--	< 1.0 U	--	--	--	--	--	--
MW-97-042	MW-97-042-Q122	N	NA	GW	3/2/2022	--	--	--	6.7	--	--	--	--	--	--
MW-97-202	MW-97-202-Q122	N	NA	GW	3/2/2022	--	--	--	< 1.0 U	--	--	--	--	--	--
PT5D	PT5D-Q122	N	NA	GW	3/4/2022	--	1.6	27	5.5	--	--	50	110	--	< 0.50 U
PT5M	PT5M-Q122	N	NA	GW	3/4/2022	--	1.1	32	< 0.20 U	--	--	140	1200	--	< 0.50 U
PT5S	PT5S-Q122	N	NA	GW	3/4/2022	--	9.5	90	< 0.20 U	--	--	870	240	--	< 0.25 U

PCM 2022-01 Sampling

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Selenium, dissolved by Method SW 6020 (µg/L)	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)
MW-47-115	MW-47-115-Q122	N	NA	GW	3/3/2022	--	--	--
MW-49-135	MW-49-135-Q122	N	NA	GW	3/8/2022	--	--	--
MW-49-275	MW-49-275-Q122	N	NA	GW	3/8/2022	--	--	--
MW-49-365	MW-49-365-Q122	N	NA	GW	3/8/2022	--	--	--
MW-51	MW-51-Q122	N	NA	GW	3/14/2022	17	670	< 1.0 U
MW-51	MW-907-Q122	FD	MW-51-Q122	GW	3/14/2022	17	680	< 1.0 U
MW-52D	MW-52D-Q122	N	NA	GW	3/8/2022	--	--	< 1.0 U
MW-52M	MW-52M-Q122	N	NA	GW	3/8/2022	--	--	< 1.0 U
MW-52S	MW-52S-Q122	N	NA	GW	3/8/2022	--	--	2.7
MW-53D	MW-53D-Q122	N	NA	GW	3/8/2022	--	--	< 1.0 U
MW-53M	MW-53M-Q122	N	NA	GW	3/8/2022	--	--	< 50 U
MW-53S	MW-53S-Q122	N	NA	GW	3/8/2022	--	--	< 1.0 U
MW-71-035	MW-71-035-Q122	N	NA	GW	3/14/2022	< 0.50 U	1,200	< 1.0 U
MW-75-033	MW-75-033-Q122	N	NA	GW	3/2/2022	--	--	--
MW-75-033	MW-908-Q122	FD	MW-75-033-Q122	GW	3/2/2022	--	--	--
MW-75-117	MW-75-117-Q122	N	NA	GW	3/2/2022	--	--	--
MW-75-202	MW-75-202-Q122	N	NA	GW	3/2/2022	--	--	--
MW-75-267	MW-75-267-Q122	N	NA	GW	3/2/2022	--	--	--
MW-75-337	MW-75-337-Q122	N	NA	GW	3/2/2022	--	--	--
MW-76-039	MW-76-039-Q122	N	NA	GW	3/7/2022	1.8	190	< 1.0 U
MW-76-039	MW-909-Q122	FD	MW-76-039-Q122	GW	3/7/2022	1.8	200	< 1.0 U
MW-76-156	MW-76-156-Q122	N	NA	GW	3/7/2022	0.93	870	< 1.0 U
MW-76-181	MW-76-181-Q122	N	NA	GW	3/7/2022	1.9	880	< 1.0 U
MW-76-218	MW-76-218-Q122	N	NA	GW	3/7/2022	1.5	890	< 1.0 U
MW-76-218	MW-910-Q122	FD	MW-76-218-Q122	GW	3/7/2022	1.2	890	< 50 U
MW-77-046	MW-77-046-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-77-102	MW-77-102-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-77-158	MW-77-158-Q122	N	NA	GW	3/1/2022	--	--	< 50 U
MW-77-187	MW-77-187-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-78-070	MW-78-070-Q122	N	NA	GW	3/10/2022	4.4	270	< 5.0 U
MW-78-142	MW-78-142-Q122	N	NA	GW	3/10/2022	36	860	< 1.0 U
MW-78-142	MW-911-Q122	FD	MW-78-142-Q122	GW	3/10/2022	37	880	< 1.0 U
MW-79-058	MW-79-058-Q122	N	NA	GW	3/14/2022	8.8	400	< 1.0 U
MW-79-102	MW-79-102-Q122	N	NA	GW	3/14/2022	65	880	< 1.0 U
MW-79-102	MW-912-Q122	FD	MW-79-102-Q122	GW	3/14/2022	64	850	< 1.0 U
MW-80-057	MW-80-057-Q122	N	NA	GW	3/14/2022	26	490	< 1.0 U
MW-80-082	MW-80-082-Q122	N	NA	GW	3/14/2022	12	580	< 1.0 U
MW-80-082	MW-913-Q122	FD	MW-80-082-Q122	GW	3/14/2022	12	580	< 1.0 U
MW-81-043	MW-81-043-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-81-098	MW-81-098-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-82-046	MW-82-046-Q122	N	NA	GW	3/1/2022	--	--	3.4
MW-82-112	MW-82-112-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-82-168	MW-82-168-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-82-198	MW-82-198-Q122	N	NA	GW	3/1/2022	--	--	< 1.0 U
MW-86-030	MW-86-030-Q122	N	NA	GW	3/7/2022	--	--	1.7
MW-86-066	MW-86-066-Q122	N	NA	GW	3/7/2022	--	--	< 1.0 U
MW-86-120	MW-86-120-Q122	N	NA	GW	3/7/2022	--	--	< 1.0 U
MW-86-140	MW-86-140-Q122	N	NA	GW	3/7/2022	--	--	< 1.0 U
MW-90-031	MW-90-031-Q122	N	NA	GW	3/4/2022	--	--	1.8
MW-96-045	MW-96-045-Q122	N	NA	GW	3/2/2022	--	--	--
MW-96-217	MW-96-217-Q122	N	NA	GW	3/2/2022	--	--	--
MW-97-042	MW-97-042-Q122	N	NA	GW	3/2/2022	--	--	--
MW-97-202	MW-97-202-Q122	N	NA	GW	3/2/2022	--	--	--
PT5D	PT5D-Q122	N	NA	GW	3/4/2022	--	--	< 1.0 U
PT5M	PT5M-Q122	N	NA	GW	3/4/2022	--	--	< 1.0 U
PT5S	PT5S-Q122	N	NA	GW	3/4/2022	--	--	1.9

PCM 2022-01 Sampling

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Ammonia as nitrogen by Method SM 4500-NH3 G (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	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)
TW-02D	TW-02D-Q122	N	NA	GW	3/9/2022	< 0.20 U	5.8	52	64	62	--	39 J	140	92	1.1
TW-02S	TW-02S-Q122	N	NA	GW	3/9/2022	< 0.20 U	1.4	42	110	99	--	31 J	< 0.50 U	9.7	4
TW-03D	TW-03D-Q122	N	NA	GW	3/9/2022	< 0.20 U	< 0.10 U	42	920	840	--	< 20 UJ	30	65	1.5
TW-04	TW-04-Q122	N	NA	GW	3/3/2022	--	--	--	12	--	--	--	--	--	--

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia. Ammonia was analyzed by BC Laboratories.

< = 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 result

mg/L = milligrams per liter

N = Normal

NA = Not applicale

SM = standard method

SW = solid waste

U = analyte not detected

PCM 2022-01 Sampling

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Selenium, dissolved by Method SW 6020 (µg/L)	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)
TW-02D	TW-02D-Q122	N	NA	GW	3/9/2022	0.63	940	< 50 U
TW-02S	TW-02S-Q122	N	NA	GW	3/9/2022	2.5	180	< 1.0 U
TW-03D	TW-03D-Q122	N	NA	GW	3/9/2022	1.1	920	< 1.0 U
TW-04	TW-04-Q122	N	NA	GW	3/3/2022	--	--	--

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia. Ammonia was analyzed by BC Laboratories.

< = 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 result

mg/L = milligrams per liter

N = Normal

NA = Not applicable

SM = standard method

SW = solid waste

U = analyte not detected

PCM 2022-03 Sampling

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (ug/L)	Iron by Method SW 6010B (ug/L)	Iron, dissolved by Method SW 6010B (ug/L)	Manganese, dissolved by Method SW 6020 (ug/L)	Total organic carbon by Method SM 5310 C (mg/L)
IRZ-09	IRZ-09-0322	N	GW	3/10/2022	6.7	81	22	1.6	< 1.0 U
IRZ-23	IRZ-23-0322	N	GW	3/10/2022	900	110	< 20 U	< 0.50 U	< 1.0 U

Notes:

All samples were sent to Asset for analyses.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Phase 2a Construction

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (ug/L)	Chromium, Hexavalent by Method EPA 218.6 (ug/L)	Chromium, total dissolved by Method SW 6020 (ug/L)
FW-02A	FW-02A-VAS-117-122	N	NA	GW	4/22/2022	--	< 0.20 U	--
FW-02A	FW-02A-VAS-127-132	N	NA	GW	4/23/2022	--	< 0.20 U	--
FW-02A	FW-02A-VAS-137-142	N	NA	GW	4/23/2022	--	< 0.20 U	--
FW-02A	FW-02A-VAS-147-152	N	NA	GW	4/24/2022	--	< 0.20 U	--
FW-02A	FW-02A-VAS-157-162	N	NA	GW	4/25/2022	--	< 0.20 U	--
FW-02A	FW-02A-VAS-167-172	N	NA	GW	4/25/2022	--	< 1.0 U	--
TCS-01	TCS-1-VAS-164-169	N	NA	GW	4/3/2022	< 0.10 U	1100	1100
TCS-01	TCS-1-VAS-192-197	N	NA	GW	4/4/2022	< 0.10 U	< 0.20 U	< 1.0 U
TCS-01	TCS-1-VAS-221-226	N	NA	GW	4/5/2022	< 0.10 U	< 0.20 U	1.8
TCS-01	TCS-1-VAS-254-259	N	NA	GW	4/7/2022	< 0.10 U	< 1.0 U	< 1.0 U
TCS-01	TCS-1-VAS-266-271	N	NA	GW	4/13/2022	--	< 1.0 U	--
TCS-2	TCS-2-VAS-131-136	N	NA	GW	4/19/2022	--	4300	--
TCS-2	TCS-2-VAS-147-152	N	NA	GW	4/20/2022	--	< 0.20 U	--
TCS-2	TCS-2-VAS-161.5-166.5	N	NA	GW	4/21/2022	--	< 0.20 U	--
TCS-2	TCS-2-VAS-181-186	N	NA	GW	4/21/2022	--	< 0.20 U	--
TCS-2	TCS-2-VAS-202-207	N	NA	GW	4/22/2022	--	2300	--
TCS-2	TCS-2-VAS-211.5-216.5	N	NA	GW	4/23/2022	--	120	--
TCS-2	TCS-2-VAS-220-225	N	NA	GW	4/23/2022	--	< 1.0 U	--
TWB-01	TWB-1-VAS-82-87	N	NA	GW	3/18/2022	0.65	870	1600
TWB-01	TWB-1-VAS-87-92	N	NA	GW	3/20/2022	< 0.10 U	< 0.20 U	< 1.0 U
TWB-01	TWB-1-VAS-97-102	N	NA	GW	3/20/2022	0.48	1200	1100
TWB-01	TWB-1-VAS-110-115	N	NA	GW	3/21/2022	< 0.10 U	4300	4300
TWB-01	TWB-1-VAS-122-127	N	NA	GW	3/21/2022	< 0.10 U	1700	1600
TWB-01	DUP-1-VAS-032022	FD	TWB-1-VAS-87-92	GW	3/20/2022	< 0.10 U	< 0.20 U	< 1.0 U
TWB-02	TWB-2-VAS-97-102	N	NA	GW	3/29/2022	--	< 0.20 U	< 1.0 U

Notes:

All samples were sent to Asset for analyses.

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

FD = field duplicate

GW = groundwater

N = Normal

NA = Not applicable

SW = solid waste

U = analyte not detected

-- = Not analyzed

RCM 2022-03 Sampling

Location ID	Sample ID	Sample Type	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (ug/L)	Chromium, total dissolved by Method SW 6020 (ug/L)	Molybdenum, dissolved by Method SW 6020 (ug/L)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Selenium, dissolved by Method SW 6020 (ug/L)
MW-38D	MW-38D-Q122	N	--	GW	3/3/2022	39	36	38	0.75	0.75
MW-38S	MW-38S-Q122	N	--	GW	3/3/2022	31	31	7.7	5.6	5.7
MW-65-160	MW-65-160-Q122	N	--	GW	3/9/2022	250	240	26	14	9.3
MW-65-225	MW-918-Q122	FD	MW-65-225-Q122	GW	3/9/2022	340	330	33	6	4.8
MW-65-225	MW-65-225-Q122	N	--	GW	3/9/2022	350	340	32	5.9	4.6
MW-68-180	MW-68-180-Q122	N	--	GW	3/9/2022	34,000	37,000	53	25	17
MW-69-195	MW-69-195-Q122	N	--	GW	3/9/2022	430	450	59	18	12

Notes:

All samples were sent to Asset for analyses.

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Acronyms and Abbreviations:

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FD = field duplicate

GW = groundwater

mg/L = milligrams per liter

N = Normal

SW = solid waste

-- = Not applicable

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Alkalinity, bicarb as CaCO3 by Method SM 2320 B (mg/L)	Alkalinity, carb as CaCO3 by Method SM 2320 B (mg/L)	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 SM 4500-NH3 G (mg/L)	Antimony by Method SW 6020 (µg/L)	Antimony, dissolved by Method SW 6020 (µg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	52	< 5.0 U	52	< 50 U	86	< 0.20 U	< 0.50 U	< 0.50 U
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	48	< 5.0 U	48	< 50 U	< 50 U	< 0.22 U	< 0.50 U	< 0.50 U

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	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)	Biological Oxygen Demand, 5-Day by Method SM5210B (mg/L)	Boron by Method SW 6010B (µg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	1.8	< 0.10 U	47	44	< 0.50 U	< 0.50 U	< 1.5 U	1400
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	< 0.10 U	< 0.10 U	82	76	< 0.50 U	< 0.50 U	< 1.5 U	1200

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Boron, dissolved by Method SW 6010B (mg/L)	Bromide by Method EPA 300.0 (mg/L)	Cadmium by Method SW 6020 (µg/L)	Cadmium, dissolved by Method SW 6020 (µg/L)	Calcium by Method SW 6010B (µg/L)	Calcium, dissolved by Method SW 6010B (mg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	1.4	< 5.0 U	< 0.50 U	< 0.50 U	570000	450	6200	350
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	1.1	< 5.0 U	< 0.50 U	< 0.50 U	350000	430	2800	17

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Chromium, total by Method SW 6020 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Cobalt by Method SW 6020 (µg/L)	Cobalt, dissolved by Method SW 6020 (µg/L)	Copper by Method SW 6020 (µg/L)	Copper, dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Hardness, Calcium (As CaCO3) by Method SM 2340 B (mg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	310	340	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	3.7	1100
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	18	17	< 0.50 U	< 0.50 U	< 1.0 U	< 1.0 U	3.8	1100

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Hardness, Magnesium (As CaCO3) by Method SM 2340 B (mg/L)	Hardness, total as CaCO3 by Method SM 2340 B (mg/L)	Iron by Method SW 6010B (µg/L)	Iron Related Bacteria by Method BART (CFU/mL)	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)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022			< 20 U	9000	59	< 1.0 U	< 1.0 U	54000
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	150	1200	60	9000	< 20 U	< 1.0 U	< 1.0 U	29000

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	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)	Modified Fouling Index by Method MFI (s/L2)	Molybdenum by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	52	63	62	< 0.20 U	< 0.20 U	1.3	32	34
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	37	1.5	< 0.50 U	< 0.20 U	< 0.20 U	0.35	15	15

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	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)	Orthophosphate, dissolved by Method EPA 300.0 (mg/L)	Potassium by Method SW 6010B (µg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium by Method SW 6020 (µg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	< 25 U	< 25 U	1.5	< 5.0 U	< 1.0 U	30000	29	1
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	< 1.0 U	< 1.0 U	1.6	< 5.0 U	< 1.0 U	17000	16	0.83

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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Acronyms and Abbreviations:

µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Selenium, dissolved by Method SW 6020 (µg/L)	Silver by Method SW 6020 (µg/L)	Silver, dissolved by Method SW 6020 (µg/L)	Slime Forming Bacteria by Method BART (CFU/mL)	Sodium by Method SW 6010B (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)	Soluble silica, dissolved by Method SW 6010B (mg/L)	Sulfate by Method EPA 300.0 (mg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	0.96	< 0.50 U	< 0.50 U	20	4300000	4200	15	950
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	0.86	< 0.50 U	< 0.50 U	500	2100000	2000	17	460

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Sulfate Reducing Bacteria by Method BART (CFU/mL)	Sulfide by Method SM 4500-S D (mg/L)	Thallium by Method SW 6020 (µg/L)	Thallium, dissolved by Method SW 6020 (µg/L)	Total dissolved solids by Method SM 2540 C (mg/L)	Total Kjeldahl Nitrogen by Method EPA 351.2 (mg/L)	Total organic carbon by Method SM 5310 C (mg/L)	Total phosphorus as P by Method EPA 365.3 (mg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	0	< 0.10 U	< 0.50 U	< 0.50 U	12000	< 0.20 U	< 50 U	< 0.020 U
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	0	< 0.10 U	< 0.50 U	< 0.50 U	5600	< 0.20 U	< 1.0 U	< 0.020 U

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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µg/L = micrograms per liter

EPA = Environmental Protection Agency

GW = groundwater

J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected

Unvalidated Remediation Well Baseline Samp 2022-03

Location ID	Sample ID	Sample Type	Matrix	Sample Date	Vanadium by Method SW 6020 (µg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)	Zinc by Method SW 6020 (µg/L)	Zinc, dissolved by Method SW 6020 (µg/L)
IRZ-13D	IRZ-13D-210-031022	N	WATER	3/10/2022	2.1	2.5	< 10 U	< 10 U
IRZ-13S	IRZ-13S-095-031022	N	WATER	3/10/2022	3.8	3.9	< 10 U	< 10 U

Notes:

All samples were sent to Asset for analyses with the exception of Ammonia, Biological Oxygen Demand, Sulfide and Total Kjeldahl Nitrogen, which were analyzed at BC Laboratories.

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J = estimated result

mg/L = milligrams per liter

N = Normal

SM = standard method

SW = solid waste

U = analyte not detected