As-Needed 2023-10

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)
PT6D	PT6D-1023	N	LF	GW	10/9/2023	< 0.10 UJ	27	110	21	4.6	0.74	770	0.36

Notes:
All samples were sent to Asset Laboratories for analyses wiith 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:
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

As-Needed 2023-11

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Ammonia as nitrogen by Method TIMBERLINE (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)	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-01	ER-01-1123	N	3V	GW	11/29/2023								280
ER-02	ER-02-1123	N	3V	GW	11/29/2023								15
ER-03	ER-03-1123	N	3V	GW	11/29/2023	20	< 0.20 U	< 0.10 U	140	2.7	320	5800	< 1.0 U
ER-04	ER-04-1123	N	3V	GW	11/29/2023	24	< 0.20 U	< 0.10 U	140	2.7	320	5500	< 1.0 U
PT6D	PT6D-1123	N	LF	GW	11/10/2023			< 0.10 U	34				300
PTI-1D	PTI-1D-110223	N	EP	GW	11/2/2023								< 1.0 U
TWB-01	TWB-01-1123	N	3V	GW	11/29/2023								< 1.0 U

µg/L = micrograms per liter

All samples were sent to Asset Laboratories for analyses with the exception of Ammonia as Nitrogen and Nitrate/Nitrite as Nitrogen which were analzyed by BC Labs, and Total Organic Carbonby SM 5310B which was analyzed by Enthalpy Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
EP = extraction port
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

As-Needed 2023-11

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)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)
ER-01	ER-01-1123	N	3V	GW	11/29/2023	280							
ER-02	ER-02-1123	N	3V	GW	11/29/2023	25							
ER-03	ER-03-1123	N	3V	GW	11/29/2023	< 1.0 U	6		68	2.6		1200	86
ER-04	ER-04-1123	N	3V	GW	11/29/2023	< 1.0 U	5.9		310	3.7		730	100
PT6D	PT6D-1123	N	LF	GW	11/10/2023				< 20 U			15	
PTI-1D	PTI-1D-110223	N	EP	GW	11/2/2023			1300	1100		5000 J	4200 J	
TWB-01	TWB-01-1123	N	3V	GW	11/29/2023	2							

µg/L = micrograms per liter

All samples were sent to Asset Laboratories for analyses with the exception of Ammonia as Nitrogen and Nitrate/Nitrite as Nitrogen which were analzyed by BC Labs, and Total Organic Carbonby SM 5310B which was analyzed by Enthalpy Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
EP = extraction port
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

As-Needed 2023-11

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium, dissolved by Method SW 6020 (µg/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)
ER-01	ER-01-1123	N	3V	GW	11/29/2023								6500
ER-02	ER-02-1123	N	3V	GW	11/29/2023								5200
ER-03	ER-03-1123	N	3V	GW	11/29/2023	< 0.50 U	< 0.10 U	< 5.0 UJ	40	< 0.50 U	4200	720	12000
ER-04	ER-04-1123	N	3V	GW	11/29/2023	< 0.50 U	< 0.10 U	< 5.0 UJ	40	< 0.50 U	4100	700	12000
PT6D	PT6D-1123	N	LF	GW	11/10/2023	0.53						610	
PTI-1D	PTI-1D-110223	N	EP	GW	11/2/2023								
TWB-01	TWB-01-1123	N	3V	GW	11/29/2023								6900

µg/L = micrograms per liter

All samples were sent to Asset Laboratories for analyses with the exception of Ammonia as Nitrogen and Nitrate/Nitrite as Nitrogen which were analzyed by BC Labs, and Total Organic Carbonby SM 5310B which was analyzed by Enthalpy Labs.

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
EP = extraction port
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

As-Needed 2023-11

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	Total organic carbon by Method SM 5310 B (mg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)
ER-01	ER-01-1123	N	3V	GW	11/29/2023		
ER-02	ER-02-1123	N	3V	GW	11/29/2023		
ER-03	ER-03-1123	N	3V	GW	11/29/2023	1.3	< 1.0 U
ER-04	ER-04-1123	N	3V	GW	11/29/2023	1.1	< 1.0 U
PT6D	PT6D-1123	N	LF	GW	11/10/2023	< 1.0 U	
PTI-1D	PTI-1D-110223	N	EP	GW	11/2/2023		
TWB-01	TWB-01-1123	N	3V	GW	11/29/2023		

µg/L = micrograms per liter
All samples were sent to Asset Laboratories for analyses with the exception of Ammonia as Nitrogen and Nitrate/Nitrite as Nitrogen which were analzyed by BC Labs, and Total Organic Carbonby SM 5310B which was analyzed by Enthalpy Labs.
< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter
EP = extraction port
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

As-Needed 2023-12

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 by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
PT6D	PT6D-1223	N	LF	GW	12/14/2023	< 0.10 U	60	48		< 20 UJ		13
PTI-1D	PTI-1D-122312	N	EP	GW	12/12/2023			1.2	1900 J	190	1200	990 J

Notes:
All samples were sent to Asset Laboratories for analyses wiith the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs
< = analyte not detected at the reporting limit shown

µg/L = micrograms per liter
µg/L = micrograms per liter
EP = extraction port
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

As-Needed 2023-12

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	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)
PT6D	PT6D-1223	N	LF	GW	12/14/2023	2.4	550	1.6
PTI-1D	PTI-1D-122312	N	EP	GW	12/12/2023			

Notes:
All samples were sent to Asset Laboratories for analyses wiith the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs
< = analyte not detected at the reporting limit shown

µg/L = micrograms per liter
µg/L = micrograms per liter
EP = extraction port
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

Hyd6 2023-11 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)
HNWR-01A-098	HNWR-01A-98-Q423	N	LF		GW	11/16/2023	90.9	< 1000 U	< 5.0 U	14.7	99.9	< 5.0 U
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	89.1	< 1000 U	< 5.0 U	14.5	110	< 5.0 U
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	74.4	< 1000 U	< 5.0 U	14.7	85.1	< 5.0 U
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	73.8	< 1000 U	< 5.0 U	18.9	91.9	< 5.0 U
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	75	< 1000 U	< 5.0 U	18.3	90.8	< 5.0 U
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	83.8	< 1000 U	< 5.0 U	5.05	72.1	< 5.0 U
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	86.7	< 1000 U	< 5.0 U	10.3	85.7	< 5.0 U
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	98.4	< 1000 U	< 5.0 U	12.1	93.7	< 5.0 U
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	293	< 1000 U	< 5.0 U	10	31.3	< 5.0 U
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	129	< 1000 U	< 5.0 U	5.06	112	< 5.0 U
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	563	< 1000 U	< 5.0 U	55.7	72.2	< 5.0 U
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	503	< 1000 U	< 5.0 U	28.9	58.9	< 5.0 U
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	91.8	< 1000 U	< 5.0 U	17.5	121	< 5.0 U
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	87.9	< 1000 U	< 5.0 U	18.7	121	< 5.0 U
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	87.2	< 1000 U	< 5.0 U	18.1	122	< 5.0 U
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	99.6	< 1000 U	< 5.0 U	15.9	72.6	< 5.0 U
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	89.3	< 1000 U	< 5.0 U	12.4	59.9	< 5.0 U
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	91.9	< 1000 U	< 5.0 U	13	61.2	< 5.0 U

Notes:

All samples were sent to EMAX Laboratories for analyses wiith the exception of Deuterium and Oxygen 18 which were analyzed at Isotech Labs.

Acronyms and Abbreviations:

µg/L = micrograms per liter
EP = extraction port
EPA = Environmental Protection Agency
FD = field duplicate
LF = low flow
mg/L = milligrams per liter
N = Normal
U = analyte not detected

Hyd6 2023-11 Sampling

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-98-Q423	N	LF		GW	11/16/2023	0.576	< 5.0 U	28900	28.2	497 J	14.2
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	0.563	< 5.0 U	27700	27	477 J	14
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	0.855	< 5.0 U	106000	105	675	2.51
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	0.851	< 5.0 U	112000	107	665	10.3
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	0.85	< 5.0 U	112000	104	670	10.5
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	0.653	< 5.0 U	55000	54.7	313	19.3
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	0.564	< 5.0 U	48800	45	364	8.53
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	0.464	< 5.0 U	26500	24.1	200	14.4
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	1.17	< 5.0 U	62000	66.4	397	< 0.20 U
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	0.605	< 5.0 U	64600	60.4	431	1.33
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	2.18	< 5.0 U	203000	207	3130	< 0.20 U
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	2.28	< 5.0 U	183000	193	3340	< 0.20 U
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	0.356	< 5.0 U	35300	35	276	30.4
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	0.366	< 5.0 U	34900	35.2	291	32
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	0.36	< 5.0 U	35800	35.2	273	32
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	0.515	< 5.0 U	31300	29.4	215	7.65
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	0.58	< 5.0 U	38600	39	324	11
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	0.592	< 5.0 U	38800	40.3	350	11

Notes:

All samples were sent to EMAX Laboratories for analyses wiith the exception of Deuterium and Oxygen 18 which were analyzed at Isotech Labs.

Acronyms and Abbreviations:

µg/L = micrograms per liter
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EPA = Environmental Protection Agency
FD = field duplicate
LF = low flow
mg/L = milligrams per liter
N = Normal
U = analyte not detected

Hyd6 2023-11 Sampling

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-98-Q423	N	LF		GW	11/16/2023	18.1	< 5.0 U	< 10 U	-73.8	4.04 J	< 500 U
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	20.5	< 5.0 U	< 10 U	-74.6	3.95 J	< 500 U
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	< 5.0 U	< 5.0 U	< 10 U	-75.8	4.94	< 500 U
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	12.3	< 5.0 U	< 10 U	-74.2	5.07	< 500 U
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	12.1	< 5.0 U	< 10 U	-74.8	5.08	< 500 U
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	21.8	< 5.0 U	< 10 U	-71.6	3.92	< 500 U
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	9.75	< 5.0 U	< 10 U	-72.4	3.23	< 500 U
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	17.7	< 5.0 U	< 10 U	-74.1	3.74	< 500 U
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 5.0 U	< 10 U	-71.5	2.84	< 500 U
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 5.0 U	< 10 U	-72.1	3.7	< 500 U
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 5.0 U	< 10 U	-76.8	3.45	5840
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 5.0 U	< 10 U	-76	2.48	6790
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	34.8	< 5.0 U	< 10 U	-75.3	3.98	< 500 U
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	37.2	< 5.0 U	< 10 U	-76.4	3.81	< 500 U
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	39	< 5.0 U	< 10 U	-75.5	3.88	< 500 U
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	15.1	< 5.0 U	< 10 U	-74.3	4.01	< 500 U
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	13.3	< 5.0 U	< 10 U	-74.8	3.93	< 500 U
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	14	< 5.0 U	< 10 U	-75.6	3.91	< 500 U

Notes:

All samples were sent to EMAX Laboratories for analyses wiith the exception of Deuterium and Oxygen 18 which were analyzed at Isotech Labs.

Acronyms and Abbreviations:

µg/L = micrograms per liter
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EPA = Environmental Protection Agency
FD = field duplicate
LF = low flow
mg/L = milligrams per liter
N = Normal
U = analyte not detected

Hyd6 2023-11 Sampling

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-98-Q423	N	LF		GW	11/16/2023	< 5.0 U	2310	2.25	< 50 U	< 0.50 U	15.6
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	< 5.0 U	2200	2.14	< 50 U	< 0.50 U	15.6
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	< 5.0 U	3890	3.76	< 50 U		19.5
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	< 5.0 U	3800	3.73	< 50 U		19.6
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	< 5.0 U	3910	3.69	< 50 U		19.7
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	< 5.0 U	11900	12.1	< 50 U		16.3
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	< 5.0 U	7340	6.4	< 50 U		21.3
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	< 5.0 U	2160	1.55	< 50 U		11.1
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	< 5.0 U	21800	22.5	138	< 0.50 U	45.9
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	< 5.0 U	11800	9.2	< 50 U	< 0.50 U	19.7
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	< 5.0 U	98800	98.9	874	< 0.50 U	67.3
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	< 5.0 U	111000	115	594	< 0.50 U	59.9
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	< 5.0 U	7240	7.18	< 50 U	< 0.50 U	12.6
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	< 5.0 U	7220	7.28	< 50 U	< 0.50 U	11.8
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	< 5.0 U	7150	7.16	< 50 U	< 0.50 U	11.6
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	< 5.0 U	4060	4.31	< 50 U	< 0.50 U	17.3
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	< 5.0 U	4490	4.71	< 50 U	< 0.50 U	21
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	< 5.0 U	4350	4.88	< 50 U	< 0.50 U	21.8

Notes:

All samples were sent to EMAX Laboratories for analyses wiith the exception of Deuterium and Oxygen 18 which were analyzed at Isotech Labs.

Acronyms and Abbreviations:

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EPA = Environmental Protection Agency
FD = field duplicate
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mg/L = milligrams per liter
N = Normal
U = analyte not detected

Hyd6 2023-11 Sampling

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-98-Q423	N	LF		GW	11/16/2023	14.6	2.14	-10.05	6760	6.67	< 5.0 U
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	16.3	2.11	-10.09	6560	6.46	< 5.0 U
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	< 5.0 U	1.54	-10.02	8240	8.09	< 5.0 U
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	< 5.0 U	1.56	-10.01	8480	8.22	< 5.0 U
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	< 5.0 U	1.57	-10	8540	8.14	< 5.0 U
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	< 5.0 U	2.89	-9.46	6710	6.92	< 5.0 U
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	< 5.0 U	1.76	-9.74	7550	6.95	< 5.0 U
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	< 5.0 U	2.09	-10.02	5910	5.74	< 5.0 U
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 0.10 U	-9.58	10800	11.1	< 5.0 U
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	28	2.16	-9.82	9700	8.05	< 5.0 U
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 0.20 U	-9.77	14700	14.2	< 5.0 U
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	< 5.0 U	< 0.20 U	-9.89	15200	16	< 5.0 U
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	35.1	2.41	-10.21	5620	5.47	< 5.0 U
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	25.1	2.41	-10.21	5580	5.54	< 5.0 U
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	22.9	2.4	-10.22	5680	5.64	< 5.0 U
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	< 5.0 U	2.54	-9.94	6460	6.35	< 5.0 U
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	< 5.0 U	2.26	-9.83	7250	6.81	< 5.0 U
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	< 5.0 U	2.25	-9.83	7320	7.12	< 5.0 U

Notes:

All samples were sent to EMAX Laboratories for analyses wiith the exception of Deuterium and Oxygen 18 which were analyzed at Isotech Labs.

Acronyms and Abbreviations:

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EPA = Environmental Protection Agency
FD = field duplicate
LF = low flow
mg/L = milligrams per liter
N = Normal
U = analyte not detected

Hyd6 2023-11 Sampling

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-98-Q423	N	LF		GW	11/16/2023	< 5.0 U	417000	416	76.8 J	< 5.0 U	1170
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	< 5.0 U	385000	395	71.4 J	< 5.0 U	1150
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	< 5.0 U	412000	418	132	< 5.0 U	1420
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	< 5.0 U	412000	420	132	< 5.0 U	1410
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	< 5.0 U	427000	410	138	< 5.0 U	1420
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	< 5.0 U	235000	249	152	< 5.0 U	861
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	< 5.0 U	280000	274	98.6	< 5.0 U	871
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	< 5.0 U	192000	194	59.8	< 5.0 U	604
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	< 5.0 U	428000	451	225	< 5.0 U	1410
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	< 5.0 U	347000	349	118	< 5.0 U	1130
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	< 5.0 U	2490000	2530	893	< 5.0 U	6950
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	< 5.0 U	2500000	2510	904	< 5.0 U	6560
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	< 5.0 U	234000	226	73.9	< 5.0 U	710
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	< 5.0 U	231000	238	70.9	< 5.0 U	770
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	< 5.0 U	233000	238	72.3	< 5.0 U	777
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	< 5.0 U	214000	209	73.6	< 5.0 U	613
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	< 5.0 U	251000	269	92.5	< 5.0 U	831
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	< 5.0 U	260000	275	93.5	< 5.0 U	821

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Hyd6 2023-11 Sampling

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-98-Q423	N	LF		GW	11/16/2023	< 1.0 U	22.1	< 100 U
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	< 1.0 U	20.9	< 100 U
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	< 1.0 U	8.11	< 100 U
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	< 1.0 U	11.9	< 100 U
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	< 1.0 U	12	< 100 U
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	< 1.0 U	15.3	< 100 U
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	< 1.0 U	15.1	< 100 U
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	< 1.0 U	17.2	< 100 U
MW-99-060	MW-99-060-Q423	N	LF		GW	11/15/2023	2.01	< 5.0 U	< 100 U
MW-99-140	MW-99-140-Q423	N	LF		GW	11/15/2023	< 1.0 U	6.94	< 100 U
PGE-09N	PGE-09N-Q423	N	LF		GW	11/15/2023	7.45	< 5.0 U	< 100 U
PGE-09S	PGE-09S-Q423	N	LF		GW	11/15/2023	6.51	< 5.0 U	< 100 U
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	< 1.0 U	18.2	< 100 U
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	< 1.0 U	20	< 100 U
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	< 1.0 U	20.7	< 100 U
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	< 1.0 U	21.1	< 100 U
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	< 1.0 U	19.2	< 100 U
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	< 1.0 U	20.9	< 100 U

Notes:

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IM3 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Boron, dissolved by Method SW 6010B (mg/L)	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)
CW-01D	CW-01D-Q423	N	LF		GW	12/13/2023	79	< 0.10 U	29 J	1.2	150	2100	0.51
CW-01M	CW-01M-Q423	N	LF		GW	12/13/2023	70	< 0.10 U	81 J	1.2	180	2200	0.63
CW-02D	CW-02D-Q423	N	LF		GW	12/13/2023	73	< 0.10 U	18 J	1.2	110	2200	1
CW-02D	MW-903-Q423	FD		CW-02D-Q423	GW	12/13/2023	69	< 0.10 U	17 J	1.2	110	2500	1.1
CW-02M	CW-02M-Q423	N	LF		GW	12/13/2023	60	< 0.10 U	68 J	1.3	160	2900	1.1
CW-03D	CW-03D-Q423	N	LF		GW	12/13/2023	69	< 0.10 U	20 J	1.2	83	2200	0.34
CW-03M	CW-03M-Q423	N	LF		GW	12/13/2023	54	< 0.10 U	37 J	1.4	160	2100	2.1
CW-04D	CW-04D-Q423	N	LF		GW	12/13/2023	53	< 0.10 U	21 J	1.3	130	2500	0.83
CW-04M	CW-04M-Q423	N	LF		GW	12/13/2023	56	< 0.10 U	100 J	1	190	2100	1.2
OW-01D	OW-01D-Q423	N	LF		GW	12/12/2023	84	< 0.10 U	34	1.2	150	2000	< 0.20 U
OW-01M	OW-01M-Q423	N	LF		GW	12/12/2023	100	< 0.10 U	73	1.1	160	2100	1
OW-01S	OW-01S-Q423	N	LF		GW	12/13/2023	170	< 0.10 U	84 J	0.76	330	1600	9.4
OW-02D	OW-02D-Q423	N	LF		GW	12/12/2023	81	< 0.10 U	26	1.2	160	1900	0.61
OW-02M	OW-02M-Q423	N	LF		GW	12/12/2023	110	< 0.10 U	42	1.2	150	2000	3.9
OW-02S	OW-02S-Q423	N	LF		GW	12/13/2023	71	0.33	88 J	0.62	90	820	22
OW-02S	MW-904-Q423	FD		OW-02S-Q423	GW	12/13/2023	74	0.13 J	90 J	0.64	94	830	21
OW-05D	OW-05D-Q423	N	LF		GW	12/12/2023	98	< 0.10 U	37	1.2	150	1900	1.2
OW-05M	OW-05M-Q423	N	LF		GW	12/12/2023	83	< 0.10 U	36	1.3	150	2000	0.59
OW-05S	OW-05S-Q423	N	LF		GW	12/13/2023	51	< 0.10 U	120 J	0.31	330	1300	14

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N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

IM3 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, total dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Magnesium, dissolved by Method SW 6010B (mg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)
CW-01D	CW-01D-Q423	N	LF		GW	12/13/2023	2.1	2.5	17 J	9	26 J	8.2	14 J
CW-01M	CW-01M-Q423	N	LF		GW	12/13/2023	< 1.0 U	2.2	13 J	< 0.50 U	18 J	2.7	15 J
CW-02D	CW-02D-Q423	N	LF		GW	12/13/2023	1.4	1.8	5.2 J	1.1	14 J	2.8	13 J
CW-02D	MW-903-Q423	FD		CW-02D-Q423	GW	12/13/2023	1.3	1.9	5.2 J	0.59	15 J	2.8	13 J
CW-02M	CW-02M-Q423	N	LF		GW	12/13/2023	1.3	2.7	11 J	1.1	13 J	2.8	14 J
CW-03D	CW-03D-Q423	N	LF		GW	12/13/2023	< 1.0 U	2.3	5.2 J	3.3	14 J	2.7	13 J
CW-03M	CW-03M-Q423	N	LF		GW	12/13/2023	2.6	4	11 J	< 0.50 U	39 J	2.7	14 J
CW-04D	CW-04D-Q423	N	LF		GW	12/13/2023	1.1	4.3	7.2 J	1.1	35 J	2.8	12 J
CW-04M	CW-04M-Q423	N	LF		GW	12/13/2023	2.7	2.1	14 J	0.57	11 J	2.7	14 J
OW-01D	OW-01D-Q423	N	LF		GW	12/12/2023	< 1.0 U	2.2	23 J	12	27	7	13 J
OW-01M	OW-01M-Q423	N	LF		GW	12/12/2023	1.4	2.1	26 J	< 0.50 U	22	5.6	15 J
OW-01S	OW-01S-Q423	N	LF		GW	12/13/2023	11	1.4	51 J	3.8	7.2 J	3.2	17 J
OW-02D	OW-02D-Q423	N	LF		GW	12/12/2023	< 1.0 U	2.5	27 J	< 0.50 U	24	7.8	15 J
OW-02M	OW-02M-Q423	N	LF		GW	12/12/2023	4.1	2.5	27 J	< 0.50 U	22	7.7	16 J
OW-02S	OW-02S-Q423	N	LF		GW	12/13/2023	23	3.3	11 J	0.7	29 J	5	9 J
OW-02S	MW-904-Q423	FD		OW-02S-Q423	GW	12/13/2023	24	3.4	12 J	< 0.50 U	29 J	4.8	9.4 J
OW-05D	OW-05D-Q423	N	LF		GW	12/12/2023	1.4	2.7	26 J	< 0.50 U	26	3.6	21 J
OW-05M	OW-05M-Q423	N	LF		GW	12/12/2023	1.1	2.5	25 J	< 0.50 U	25	8.5	15 J
OW-05S	OW-05S-Q423	N	LF		GW	12/13/2023	15	1.5	51 J	< 0.50 U	8.6 J	3.4	15 J

Notes:
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Acronyms and Abbreviations:
µg/L = micrograms per liter
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FD = field duplicate
GW = groundwater
J = estimated
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

IM3 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Selenium, dissolved by Method SW 6020 (µg/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)	Vanadium, dissolved by Method SW 6020 (µg/L)
CW-01D	CW-01D-Q423	N	LF		GW	12/13/2023	9.5	1600	500	4000	3.3
CW-01M	CW-01M-Q423	N	LF		GW	12/13/2023	4.3	1600	500	4600	3.1
CW-02D	CW-02D-Q423	N	LF		GW	12/13/2023	4.3	1700	500	4300	4.3
CW-02D	MW-903-Q423	FD		CW-02D-Q423	GW	12/13/2023	4.7	1600	490	4400	4.4
CW-02M	CW-02M-Q423	N	LF		GW	12/13/2023	3.7	1700	490	4400	3.9
CW-03D	CW-03D-Q423	N	LF		GW	12/13/2023	4.4	1700	500	4500	2.9
CW-03M	CW-03M-Q423	N	LF		GW	12/13/2023	3.5	1700	510	4500	3.6
CW-04D	CW-04D-Q423	N	LF		GW	12/13/2023	3.8	1700	510	4600	4.2
CW-04M	CW-04M-Q423	N	LF		GW	12/13/2023	4	1500	490	4400	4
OW-01D	OW-01D-Q423	N	LF		GW	12/12/2023	8.5	1400 J	500	4300	2.7
OW-01M	OW-01M-Q423	N	LF		GW	12/12/2023	6.6	1400 J	490	4700	3.2
OW-01S	OW-01S-Q423	N	LF		GW	12/13/2023	3.2	880	330	3200	2
OW-02D	OW-02D-Q423	N	LF		GW	12/12/2023	8	1300 J	500	4600	1.9
OW-02M	OW-02M-Q423	N	LF		GW	12/12/2023	8.9	1400 J	500	4500	3.1
OW-02S	OW-02S-Q423	N	LF		GW	12/13/2023	3.4	550	170	1700	4.4
OW-02S	MW-904-Q423	FD		OW-02S-Q423	GW	12/13/2023	3.2	560	170	1700	4.5
OW-05D	OW-05D-Q423	N	LF		GW	12/12/2023	6.7	1300 J	490	4500	2.3
OW-05M	OW-05M-Q423	N	LF		GW	12/12/2023	9.1	1400 J	500	4500	2.2
OW-05S	OW-05S-Q423	N	LF		GW	12/13/2023	2.3	580	270	2700	2.7

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GW = groundwater
J = estimated
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

OMM 2023-Q4 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)	Chromium, total dissolved 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_606-111423	N	WATER	11/14/2023						1400
CAB_MIXER_607	CAB_MIXER_607-111423	N	WATER	11/14/2023						860
MW-30-030	MW-30-030R-102023	N	GW	10/20/2023	< 0.20 U		< 1.0 U			
RPWC_EFF	RPWC_EFF-20231003	N	WATER	10/3/2023	< 0.20 U	3.3		290	130	
RPWC_EFF	RPWC_EFF-20231010	N	WATER	10/10/2023	< 0.20 U	1.7		280	65	
RPWC_EFF	RPWC_EFF-20231017	N	WATER	10/17/2023	< 0.20 U	7.6		10000	490	
RPWC_EFF	RPWC_EFF-20231024	N	Water	10/24/2023	< 0.20 U	8		140	320	
RPWC_EFF	RPWC_EFF-20231031	N	WATER	10/31/2023	< 0.20 U	20		130	53	
RPWC_EFF	RPWC_EFF-20231107	N	WATER	11/7/2023	< 0.20 U	13		240	700	
RPWC_EFF	RPWC_EFF-20231114	N	WATER	11/14/2023	0.59	18		67	390	
RPWC_EFF	RPWC_EFF-20231121	N	WATER	11/21/2023	0.33	7.7		230	370	
RPWC_EFF	RPWC_EFF-20231128	N	WATER	11/28/2023	< 1.0 U	9.4		2200	570	
RPWC_EFF	RPWC_EFF-20231205	N	WATER	12/5/2023	0.21	9.9		480	410	
RPWC_EFF	RPWC_EFF-20231211	N	WATER	12/12/2023	0.66	62		830	1500	
RPWC_EFF	RPWC_EFF-20231219	N	WATER	12/19/2023	< 1.0 U	59		260	1100	
RPWC_INF	RPWC_INF-20231003	N	WATER	10/3/2023	< 0.20 U	46		390	130	
RPWC_INF	RPWC_INF-20231010	N	WATER	10/10/2023	0.31	14		62	68	
RPWC_INF	RPWC_INF-20231017	N	WATER	10/17/2023	< 0.20 U	34		10000	460	
RPWC_INF	RPWC_INF-20231024	N	Water	10/24/2023	< 0.20 U	37		130	290	
RPWC_INF	RPWC_INF-20231031	N	WATER	10/31/2023	< 0.20 U	93		280	55	
RPWC_INF	RPWC_INF-20231107	N	WATER	11/7/2023	< 0.20 U	70		330	770	
RPWC_INF	RPWC_INF-20231114	N	WATER	11/14/2023	0.71	55		70	450	
RPWC_INF	RPWC_INF-20231121	N	WATER	11/21/2023	0.94	32		170	370	
RPWC_INF	RPWC_INF-20231128	N	WATER	11/28/2023	< 1.0 U	30		2900	620	
RPWC_INF	RPWC_INF-20231205	N	WATER	12/5/2023	0.21	48		400	460	
RPWC_INF	RPWC_INF-20231211	N	WATER	12/12/2023	0.7	240		1100	1800	
RPWC_INF	RPWC_INF-20231219	N	WATER	12/19/2023	< 0.20 U	98		250	1000	
RPWC_MID	RPWC_MID-20231003	N	WATER	10/3/2023	1.6	5.8		35	300	
RPWC_MID	RPWC_MID-20231010	N	WATER	10/10/2023	< 0.20 U	2.4		340	95	
RPWC_MID	RPWC_MID-20231031	N	WATER	10/13/2023	< 0.20 U	23		210	88	
RPWC_MID	RPWC_MID-20231017	N	WATER	10/17/2023	< 0.20 U	7.6		8200	390	
RPWC_MID	RPWC_MID-20231024	N	Water	10/24/2023	< 0.20 U	6.8		3400	410	
RPWC_MID	RPWC_MID-20231107	N	WATER	11/7/2023	0.22	20		870	290	
RPWC_MID	RPWC_MID-20231114	N	WATER	11/14/2023	0.54	17		77	440	
RPWC_MID	RPWC_MID-20231121	N	WATER	11/21/2023	0.94	8.5		170	330	
RPWC_MID	RPWC_MID-20231128	N	WATER	11/28/2023	< 1.0 U	2.8		980	350	
RPWC_MID	RPWC_MID-20231205	N	WATER	12/5/2023	< 0.20 U	6.8		1800	510	
RPWC_MID	RPWC_MID-20231211	N	WATER	12/12/2023	0.44	55		710	1300	
RPWC_MID	RPWC_MID-20231219	N	WATER	12/19/2023	1.2	91		620	1200	

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs.

< = analyte not detected at the reporting limit shown

OMM 2023-Q4 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)	Chromium, total dissolved 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)

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

PCM 2023-10 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	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)
IRZ-23-143	IRZ-23-143-101223	N	EP		GW	10/12/2023			520	20 J	< 20 U	< 0.50 U	3	460	
MW-20-070	MW-20-070-1023	N			GW	10/11/2023	0.81	42	750		< 20 U	< 0.50 UJ	19	450	0.84
MW-20-100	MW-20-100-1023	N			GW	10/11/2023	< 0.10 U	40	1000		< 20 U	< 0.50 UJ	8.5	560	1.6
MW-20-130	MW-20-130-1023	N			GW	10/11/2023	< 0.10 U	31	1600		< 20 U	< 0.50 UJ	6.6	1100	3.6
MW-21	MW-21-1023	N			GW	10/11/2023	8.5	58	< 0.20 U		360	380 J	< 0.50 U	900	6.5
MW-26	MW-26-1023	N			GW	10/11/2023	< 0.10 U	75	< 0.20 U		32	840 J	< 0.50 U	340	0.77
MW-30-050	MW-30-050-1023	N			GW	10/11/2023	2.2	32	< 0.20 U		61	580 J	< 0.25 U	220	1.4
MW-31-060	MW-31-060-1023	N	LF		GW	10/12/2023	< 0.10 U	420	< 0.20 U		230	1800	< 0.50 U	300	2.1
MW-31-135	MW-31-135-1023	N	LF		GW	10/12/2023	< 0.10 U	37	18		320 J	26	< 0.50 U	470	0.53
MW-31-135	MW-906-Q423	FD		MW-31-135-1023	GW	10/12/2023	< 0.10 U	36	16		190 J	23	< 0.50 U	490	0.54
MW-34-080	MW-34-080-1023	N			GW	10/11/2023	< 0.10 U	39	< 0.20 U		240	180 J	< 0.50 U	730	1.2
MW-36-090	MW-36-090-1023	N			GW	10/11/2023	< 0.10 U	76	< 0.20 U		60	280 J	< 0.50 U	650	0.74
MW-36-100	MW-36-100-1023	N			GW	10/11/2023	0.41 J	78	0.76		530	630 J	< 0.50 U	620	0.81
MW-39-040	MW-39-040-1023	N	LF		GW	10/10/2023	12	88	< 0.20 U		310	110	< 0.25 U	160	4.8
MW-39-050	MW-39-050-1023	N	LF		GW	10/10/2023	1.6	49	< 0.20 U		< 20 U	250	< 0.25 U	190	1.2
MW-39-060	MW-39-060-1023	N	LF		GW	10/10/2023	2	28	< 0.20 U		120	140	< 0.25 U	200	1.1
MW-39-070	MW-39-070-1023	N	LF		GW	10/10/2023	< 0.10 U	100	< 0.20 U		< 20 U	37	< 0.50 U	590	0.87
MW-39-080	MW-39-080-1023	N	LF		GW	10/10/2023	< 0.10 U	37	42		< 20 U	2.4	< 0.50 U	820	0.88
MW-39-100	MW-39-100-1023	N	LF		GW	10/10/2023	< 0.10 U	34	120		96	6.9	< 0.50 U	890	1.5
MW-44-115	MW-44-115-1023	N			GW	10/11/2023	< 0.10 U	27	5.7		38	50 J	0.64	960	0.66
MW-44-125	MW-44-125-1023	N			GW	10/11/2023	< 0.10 U	48	< 1.0 U		34	460 J	< 0.50 U	930	0.53
MW-45-095a	MW-45-095A-1023	N			GW	10/11/2023	< 0.10 U	28	1.3		< 20 U	48 J	< 0.50 U	510	0.77
MW-51	MW-51-1023	N			GW	10/11/2023	0.58	91	0.58		250	710 J	< 0.50 U	270	6
MW-71-035	MW-71-035-1023	N	LF		GW	10/10/2023	< 0.10 U	38	0.56		31	24	0.9	680	1.8
MW-76-039	MW-76-039-1023	N	LF		GW	10/9/2023	< 0.10 UJ	150	12		34	< 0.50 U	< 0.50 U	420	0.5
MW-76-156	MW-76-156-1023	N	LF		GW	10/9/2023	< 0.10 UJ	32	2.2		34	46	< 0.50 U	400	0.59
MW-76-181	MW-76-181-1023	N	LF		GW	10/9/2023	< 0.10 UJ	34	66		< 20 U	35	< 0.50 U	480	0.73
MW-76-181	MW-907-Q423	FD		MW-76-181-1023	GW	10/9/2023	< 0.10 UJ	34	67		25	34	< 0.50 U	470	0.66
MW-76-218	MW-76-218-1023	N	LF		GW	10/9/2023	1.1 J	33	< 1.0 U		41	43	< 0.50 U	450	0.57
MW-77-046	MW-77-046-1023	N			GW	10/11/2023	1.3	89	< 0.20 U		80	750 J	< 0.50 U	300	0.86
MW-77-102	MW-77-102-1023	N			GW	10/11/2023	< 0.10 U	53	1.1		21	42 J	0.72	570	0.71
MW-77-158	MW-77-158-1023	N			GW	10/11/2023	< 0.10 U	50	< 1.0 U		62	55 J	< 0.50 U	370	0.56
MW-77-187	MW-77-187-1023	N			GW	10/11/2023	4.5	27	0.29		< 20 U	50 J	< 0.50 U	330	0.49
MW-78-070	MW-78-070-1023	N	LF		GW	10/13/2023	< 0.10 U	140	< 1.0 U		350	680	< 0.50 U	300	1.8
MW-78-142	MW-78-142-1023	N	LF		GW	10/13/2023	< 0.10 U	31	1300		45	42	2	500	0.53
MW-79-058	MW-79-058-1023	N	LF		GW	10/12/2023	< 0.10 U	140	140		< 20 U	25	0.75	410	0.67
MW-79-058	MW-908-Q423	FD		MW-79-058-1023	GW	10/12/2023	< 0.10 U	140	140		< 20 U	24	0.77	410	0.75
MW-79-102	MW-79-102-1023	N	LF		GW	10/12/2023	< 0.10 U	42	240		34	58	< 0.50 U	410	0.85
MW-80-057	MW-80-057-1023	N	LF		GW	10/12/2023	< 0.10 U	70	5		68	9.1	< 0.50 U	350	0.58
MW-80-082	MW-80-082-1023	N	LF		GW	10/12/2023	< 0.10 U	47	1.7		< 20 U	520	< 0.50 U	360	0.69
MW-81-043	MW-81-043-1023	N	LF		GW	10/10/2023	< 0.10 U	120	8.6		140	36	< 0.50 U	290	0.48
MW-81-098	MW-81-098-1023	N	LF		GW	10/10/2023	< 0.10 U	49	21		< 20 U	89	0.55	610	0.53
MW-82-046	MW-82-046-1023	N	LF		GW	10/10/2023	26	68	< 1.0 U		7100	460	< 0.50 U	1600	22
MW-82-168	MW-82-168-1023	N	LF		GW	10/10/2023	< 0.10 U	39	< 0.20 U		59	52	< 0.50 U	280	0.68
MW-82-198	MW-82-198-1023	N	LF		GW	10/10/2023	< 0.10 U	47	< 0.20 U		48	51	< 0.50 U	420	0.48
MW-82-198	MW-909-Q423	FD		MW-82-198-1023	GW	10/10/2023	< 0.10 U	45	< 0.20 U		25	50	< 0.50 U	420	0.38
PT5D	PT5D-1023	N			WATER	10/11/2023	< 0.10 U	33	67		< 20 U	93 J	1.1	960	0.39
TW-02D	TW-02D-1023	N	LF		GW	10/10/2023	3.5	13	3.2		< 20 U	40	< 0.50 U	270	0.45
TW-02S	TW-02S-1023	N	LF		GW	10/10/2023	< 0.10 U	170	17		< 20 U	< 0.50 U	< 0.50 U	270	0.44
TW-03D	TW-03D-1023	N	LF		GW	10/10/2023	< 0.10 U	140	38		< 20 U	< 0.50 U	< 0.50 U	260	0.5

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Total Organic Carbon by SM 5310B which was analyzed by Weck Labs

< = analyte not detected at the reporting limit shown

PCM 2023-10 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	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)

Acronyms and Abbreviations:
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

PCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Bromide by Method EPA 300.0 (mg/L)	Calcium by Method SW 6010B (µg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
IRZ-09-100	IRZ-09-100-Q423	N	EP		GW	11/8/2023	50	< 0.10 UJ	63	< 5.0 U	250000	2900	17
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/8/2023	69	< 0.10 UJ	25	< 5.0 U	280000	4700	230
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/8/2023	70	< 0.10 UJ	74	< 5.0 U	260000	2500	29
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/8/2023							2.3
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/8/2023							2.8
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/8/2023	120	< 0.10 UJ	71	< 5.0 U	290000	2500	520
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/8/2023							180
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/8/2023							130
MW-20-070	MW-20-070-Q423	N	LF		GW	11/10/2023		1.1	33				440
MW-20-100	MW-20-100-Q423	N	LF		GW	11/10/2023		< 0.10 U	39				1400
MW-20-130	MW-20-130-Q423	N	LF		GW	11/10/2023		< 0.10 U	37				2900
MW-21	MW-21-Q423	N	LF		GW	11/7/2023		11 J	84				< 0.20 U
MW-22	MW-22-Q423	N	LF		GW	11/14/2023		10	110				< 1.0 U
MW-22	MW-910-Q423	FD		MW-22-Q423	GW	11/14/2023		10	99				< 1.0 U
MW-26	MW-26-Q423	N	LF		GW	11/9/2023		< 0.10 U	86 J				< 0.20 U
MW-27-020	MW-27-020-Q423	N	LF		GW	11/27/2023		0.67	90				< 0.20 U
MW-27-060	MW-27-060-Q423	N	LF		GW	11/27/2023		11	140				< 0.20 U
MW-27-085	MW-27-085-Q423	N	LF		GW	11/27/2023		< 0.10 U	46				< 1.0 U
MW-27-085	MW-911-Q423	FD		MW-27-085-Q423	GW	11/27/2023		< 0.10 U	46				< 1.0 U
MW-28-025	MW-28-025-Q423	N	LF		GW	11/13/2023		0.53	89				< 0.20 U
MW-28-090	MW-28-090-Q423	N	LF		GW	11/13/2023		< 0.10 U	31				< 0.20 U
MW-29	MW-29-Q423	N	LF		GW	11/27/2023							< 0.20 U
MW-30-030R	MW-30-030R-Q423	N	LF		GW	11/9/2023		1.3	350 J				< 1.0 U
MW-30-050	MW-30-050-Q423	N	LF		GW	11/7/2023		2.5 J	28				< 0.20 U
MW-31-060	MW-31-060-Q423	N	LF		GW	11/10/2023		< 0.10 U	430				< 1.0 U
MW-31-135	MW-31-135-Q423	N	LF		GW	11/10/2023		< 0.10 U	35				16
MW-32-020	MW-32-020-Q423	N	LF		GW	11/14/2023		< 0.10 U	75				< 1.0 U
MW-32-035	MW-32-035-Q423	N	LF		GW	11/14/2023		14	1200				< 1.0 U
MW-32-035	MW-912-Q423	FD		MW-32-035-Q423	GW	11/14/2023		14	1100				< 1.0 U
MW-33-040	MW-33-040-Q423	N	LF		GW	11/15/2023							< 1.0 U
MW-33-090	MW-33-090-Q423	N	LF		GW	11/15/2023							1.7
MW-33-150	MW-33-150-Q423	N	LF		GW	11/15/2023							5.8
MW-33-210	MW-33-210-Q423	N	LF		GW	11/15/2023							5.6
MW-34-055	MW-34-055-Q423	N	LF		GW	11/8/2023		5.3	29 J				< 0.20 U
MW-34-080	MW-34-080-Q423	N	LF		GW	11/8/2023		< 0.10 U	37 J				< 0.20 U
MW-34-100	MW-34-100-Q423	N	LF		GW	11/8/2023		< 0.10 U	19 J				6.1
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/8/2023		< 0.10 U	19 J				6.4
MW-35-060	MW-35-060-Q423	N	LF		GW	11/16/2023							20
MW-35-135	MW-35-135-Q423	N	LF		GW	11/16/2023							26
MW-36-020	MW-36-020-Q423	N	LF		GW	11/8/2023		< 0.10 U	160				< 0.20 U
MW-36-040	MW-36-040-Q423	N	LF		GW	11/8/2023		6	85				< 0.20 U
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/8/2023		6	87				< 0.20 U
MW-36-050	MW-36-050-Q423	N	LF		GW	11/8/2023		5.6	53				< 0.20 U
MW-36-070	MW-36-070-Q423	N	LF		GW	11/8/2023		2	51				< 0.20 U

PCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, total dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Magnesium by Method SW 6010B (µg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
IRZ-09-100	IRZ-09-100-Q423	N	EP		GW	11/8/2023	16	2.8	< 20 U	< 20 U	22000 J	1.9	1.6
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/8/2023	210	2.8	33	26	33000 J	2.9	0.64
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/8/2023	27	3.3	< 20 U	< 20 U	31000 J	0.96	< 0.50 U
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/8/2023				< 20 U			180
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/8/2023				37			49
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/8/2023	480	2.4	< 20 U	< 20 U	47000 J	< 0.50 U	< 0.50 U
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/8/2023				110			3.5
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/8/2023				37			9.9
MW-20-070	MW-20-070-Q423	N	LF		GW	11/10/2023	420			< 20 U			< 0.50 U
MW-20-100	MW-20-100-Q423	N	LF		GW	11/10/2023	1500			< 20 U			< 0.50 U
MW-20-130	MW-20-130-Q423	N	LF		GW	11/10/2023	2900			< 20 U			3.9
MW-21	MW-21-Q423	N	LF		GW	11/7/2023	2.2			490			620
MW-22	MW-22-Q423	N	LF		GW	11/14/2023	< 1.0 U			16000 J			2800 J
MW-22	MW-910-Q423	FD		MW-22-Q423	GW	11/14/2023	< 1.0 U			16000 J			2600 J
MW-26	MW-26-Q423	N	LF		GW	11/9/2023	< 1.0 U			150			1400 J
MW-27-020	MW-27-020-Q423	N	LF		GW	11/27/2023	< 1.0 U			< 20 U			100 J
MW-27-060	MW-27-060-Q423	N	LF		GW	11/27/2023	< 1.0 U			660 J			360 J
MW-27-085	MW-27-085-Q423	N	LF		GW	11/27/2023	< 1.0 U			230 J			320
MW-27-085	MW-911-Q423	FD		MW-27-085-Q423	GW	11/27/2023	< 1.0 U			230 J			290 J
MW-28-025	MW-28-025-Q423	N	LF		GW	11/13/2023	< 1.0 U			< 20 UJ			< 0.50 U
MW-28-090	MW-28-090-Q423	N	LF		GW	11/13/2023	< 1.0 U			1000 J			480
MW-29	MW-29-Q423	N	LF		GW	11/27/2023	< 1.0 U						
MW-30-030R	MW-30-030R-Q423	N	LF		GW	11/9/2023	< 1.0 U			330			170 J
MW-30-050	MW-30-050-Q423	N	LF		GW	11/7/2023	< 1.0 U			94			460
MW-31-060	MW-31-060-Q423	N	LF		GW	11/10/2023	1.3			< 20 U			1900
MW-31-135	MW-31-135-Q423	N	LF		GW	11/10/2023	15			29			24
MW-32-020	MW-32-020-Q423	N	LF		GW	11/14/2023	< 1.0 U			6900 J			420 J
MW-32-035	MW-32-035-Q423	N	LF		GW	11/14/2023	< 1.0 U			14000 J			1000 J
MW-32-035	MW-912-Q423	FD		MW-32-035-Q423	GW	11/14/2023	< 1.0 U			14000 J			980 J
MW-33-040	MW-33-040-Q423	N	LF		GW	11/15/2023	< 1.0 U						
MW-33-090	MW-33-090-Q423	N	LF		GW	11/15/2023	2						
MW-33-150	MW-33-150-Q423	N	LF		GW	11/15/2023	5.8						
MW-33-210	MW-33-210-Q423	N	LF		GW	11/15/2023	5.9						
MW-34-055	MW-34-055-Q423	N	LF		GW	11/8/2023	< 1.0 U			< 20 U			100 J
MW-34-080	MW-34-080-Q423	N	LF		GW	11/8/2023	< 1.0 U			880			170 J
MW-34-100	MW-34-100-Q423	N	LF		GW	11/8/2023	7.6			88			46 J
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/8/2023	7.3			78			45 J
MW-35-060	MW-35-060-Q423	N	LF		GW	11/16/2023	19						
MW-35-135	MW-35-135-Q423	N	LF		GW	11/16/2023	25						
MW-36-020	MW-36-020-Q423	N	LF		GW	11/8/2023	< 1.0 U			1500			350 J
MW-36-040	MW-36-040-Q423	N	LF		GW	11/8/2023	< 1.0 U			610			230 J
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/8/2023	< 1.0 U			640			240 J
MW-36-050	MW-36-050-Q423	N	LF		GW	11/8/2023	< 1.0 U			260			380 J
MW-36-070	MW-36-070-Q423	N	LF		GW	11/8/2023	< 1.0 U			47			380 J

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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)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Potassium by Method SW 6010B (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium by Method SW 6010B (µg/L)
IRZ-09-100	IRZ-09-100-Q423	N	EP		GW	11/8/2023	16	1.5 J		< 5.0 U	21000	0.76	1900000
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/8/2023	44	1.3 J		< 5.0 U	22000	< 0.50 U	4000000
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/8/2023	17	1.4 J		< 5.0 U	14000	0.99	1600000
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/8/2023		0.25 R					
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/8/2023		0.25 R					
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/8/2023	15	3 J		< 5.0 U	17000	5	1500000
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/8/2023		1.1 J					
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/8/2023		0.5 R					
MW-20-070	MW-20-070-Q423	N	LF		GW	11/10/2023	27 J	18				14	
MW-20-100	MW-20-100-Q423	N	LF		GW	11/10/2023	8.5 J	6.4				11	
MW-20-130	MW-20-130-Q423	N	LF		GW	11/10/2023	14 J	9.5				36	
MW-21	MW-21-Q423	N	LF		GW	11/7/2023	68	< 0.50 U				< 0.50 U	
MW-22	MW-22-Q423	N	LF		GW	11/14/2023	59	< 0.50 U				< 0.50 U	
MW-22	MW-910-Q423	FD		MW-22-Q423	GW	11/14/2023	58	< 0.50 U				< 0.50 U	
MW-26	MW-26-Q423	N	LF		GW	11/9/2023	6.6 J	< 0.50 U				< 0.50 U	
MW-27-020	MW-27-020-Q423	N	LF		GW	11/27/2023	5.8	< 0.25 U				< 0.50 U	
MW-27-060	MW-27-060-Q423	N	LF		GW	11/27/2023	4.9	0.36				< 0.50 U	
MW-27-085	MW-27-085-Q423	N	LF		GW	11/27/2023	29	< 0.25 U				< 0.50 U	
MW-27-085	MW-911-Q423	FD		MW-27-085-Q423	GW	11/27/2023	29	< 0.25 U				< 0.50 U	
MW-28-025	MW-28-025-Q423	N	LF		GW	11/13/2023	6.1	< 0.25 U				1.9	
MW-28-090	MW-28-090-Q423	N	LF		GW	11/13/2023	24	< 0.25 U				< 0.50 U	
MW-29	MW-29-Q423	N	LF		GW	11/27/2023							
MW-30-030R	MW-30-030R-Q423	N	LF		GW	11/9/2023	42 J	0.42				4.1	
MW-30-050	MW-30-050-Q423	N	LF		GW	11/7/2023	6.2	< 0.25 U				< 0.50 U	
MW-31-060	MW-31-060-Q423	N	LF		GW	11/10/2023	< 0.50 UJ	< 0.50 U				< 0.50 U	
MW-31-135	MW-31-135-Q423	N	LF		GW	11/10/2023	32 J	< 0.50 U				< 0.50 U	
MW-32-020	MW-32-020-Q423	N	LF		GW	11/14/2023	110	< 0.50 U				1.5	
MW-32-035	MW-32-035-Q423	N	LF		GW	11/14/2023	12	< 0.50 U				< 0.50 U	
MW-32-035	MW-912-Q423	FD		MW-32-035-Q423	GW	11/14/2023	17	< 0.50 U				< 0.50 U	
MW-33-040	MW-33-040-Q423	N	LF		GW	11/15/2023	170	0.29				1.3	
MW-33-090	MW-33-090-Q423	N	LF		GW	11/15/2023	11	< 0.50 U				< 0.50 U	
MW-33-150	MW-33-150-Q423	N	LF		GW	11/15/2023	43	1.5				0.71	
MW-33-210	MW-33-210-Q423	N	LF		GW	11/15/2023							
MW-34-055	MW-34-055-Q423	N	LF		GW	11/8/2023	4.2	< 0.25 U	0.13			< 0.50 U	
MW-34-080	MW-34-080-Q423	N	LF		GW	11/8/2023	21	< 0.50 U				< 0.50 U	
MW-34-100	MW-34-100-Q423	N	LF		GW	11/8/2023	55	< 0.25 U				< 0.50 U	
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/8/2023	55	< 0.25 U				< 0.50 U	
MW-35-060	MW-35-060-Q423	N	LF		GW	11/16/2023	9.3	2				0.97	
MW-35-135	MW-35-135-Q423	N	LF		GW	11/16/2023	20	2.5				1.1	
MW-36-020	MW-36-020-Q423	N	LF		GW	11/8/2023	17	< 0.10 U				< 0.50 U	
MW-36-040	MW-36-040-Q423	N	LF		GW	11/8/2023	3.5	< 0.10 U				< 0.50 U	
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/8/2023	3.6	< 0.10 U				< 0.50 U	
MW-36-050	MW-36-050-Q423	N	LF		GW	11/8/2023	4.5	< 0.10 U				< 0.50 U	
MW-36-070	MW-36-070-Q423	N	LF		GW	11/8/2023	4.3	< 0.10 U				< 0.50 U	

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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)
IRZ-09-100	IRZ-09-100-Q423	N	EP		GW	11/8/2023	460	< 1.0 U
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/8/2023	740	< 1.0 U
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/8/2023	430	< 1.0 U
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/8/2023	320	< 1.0 U
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/8/2023	340	< 1.0 U
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/8/2023	460	< 1.0 U
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/8/2023	350	< 1.0 U
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/8/2023	340	< 1.0 U
MW-20-070	MW-20-070-Q423	N	LF		GW	11/10/2023	440	< 1.0 U
MW-20-100	MW-20-100-Q423	N	LF		GW	11/10/2023	560	1.3
MW-20-130	MW-20-130-Q423	N	LF		GW	11/10/2023	960	1.3
MW-21	MW-21-Q423	N	LF		GW	11/7/2023	940	15
MW-22	MW-22-Q423	N	LF		GW	11/14/2023		12
MW-22	MW-910-Q423	FD		MW-22-Q423	GW	11/14/2023		9.5
MW-26	MW-26-Q423	N	LF		GW	11/9/2023	390	< 1.0 U
MW-27-020	MW-27-020-Q423	N	LF		GW	11/27/2023		3.8
MW-27-060	MW-27-060-Q423	N	LF		GW	11/27/2023		2.5
MW-27-085	MW-27-085-Q423	N	LF		GW	11/27/2023		3
MW-27-085	MW-911-Q423	FD		MW-27-085-Q423	GW	11/27/2023		3.1
MW-28-025	MW-28-025-Q423	N	LF		GW	11/13/2023		1.7
MW-28-090	MW-28-090-Q423	N	LF		GW	11/13/2023		2.2
MW-29	MW-29-Q423	N	LF		GW	11/27/2023		
MW-30-030R	MW-30-030R-Q423	N	LF		GW	11/9/2023		9.8
MW-30-050	MW-30-050-Q423	N	LF		GW	11/7/2023	210	1.5
MW-31-060	MW-31-060-Q423	N	LF		GW	11/10/2023	290	7.5
MW-31-135	MW-31-135-Q423	N	LF		GW	11/10/2023	440	< 1.0 U
MW-32-020	MW-32-020-Q423	N	LF		GW	11/14/2023		53
MW-32-035	MW-32-035-Q423	N	LF		GW	11/14/2023		17
MW-32-035	MW-912-Q423	FD		MW-32-035-Q423	GW	11/14/2023		27
MW-33-040	MW-33-040-Q423	N	LF		GW	11/15/2023		
MW-33-090	MW-33-090-Q423	N	LF		GW	11/15/2023		
MW-33-150	MW-33-150-Q423	N	LF		GW	11/15/2023		
MW-33-210	MW-33-210-Q423	N	LF		GW	11/15/2023		
MW-34-055	MW-34-055-Q423	N	LF		GW	11/8/2023		1.8
MW-34-080	MW-34-080-Q423	N	LF		GW	11/8/2023	750	1.3
MW-34-100	MW-34-100-Q423	N	LF		GW	11/8/2023		1.7
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/8/2023		1.8
MW-35-060	MW-35-060-Q423	N	LF		GW	11/16/2023		
MW-35-135	MW-35-135-Q423	N	LF		GW	11/16/2023		
MW-36-020	MW-36-020-Q423	N	LF		GW	11/8/2023		13
MW-36-040	MW-36-040-Q423	N	LF		GW	11/8/2023		2.7
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/8/2023		2.4
MW-36-050	MW-36-050-Q423	N	LF		GW	11/8/2023		1.9
MW-36-070	MW-36-070-Q423	N	LF		GW	11/8/2023		1.1

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Bromide by Method EPA 300.0 (mg/L)	Calcium by Method SW 6010B (µg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
MW-36-090	MW-36-090-Q423	N	LF		GW	11/8/2023		< 0.10 U	76				< 0.20 U
MW-36-100	MW-36-100-Q423	N	LF		GW	11/8/2023		< 0.10 U	72				2.3
MW-39-040	MW-39-040-Q423	N	LF		GW	11/7/2023		11 J	100				< 0.20 U
MW-39-050	MW-39-050-Q423	N	LF		GW	11/7/2023		1.6 J	52				< 0.20 U
MW-39-060	MW-39-060-Q423	N	LF		GW	11/7/2023		2 J	31				< 0.20 U
MW-39-070	MW-39-070-Q423	N	LF		GW	11/7/2023		0.64 J	72				< 0.20 U
MW-39-080	MW-39-080-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	54				3.4
MW-39-100	MW-39-100-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	36				210
MW-42-030	MW-42-030-Q423	N	LF		GW	11/13/2023		0.98	270				< 0.20 U
MW-42-055	MW-42-055-Q423	N	LF		GW	11/13/2023		13	150				< 0.20 U
MW-42-065	MW-42-065-Q423	N	LF		GW	11/13/2023		< 0.10 U	77				< 0.20 U
MW-43-025	MW-43-025-Q423	N	LF		GW	11/14/2023		32	95				< 0.20 U
MW-43-075	MW-43-075-Q423	N	LF		GW	11/14/2023		6.5	69				< 1.0 U
MW-43-090	MW-43-090-Q423	N	LF		GW	11/14/2023		< 0.10 U	64				< 1.0 U
MW-44-070	MW-44-070-Q423	N	LF		GW	11/8/2023		3.3	62 J				< 0.20 U
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/8/2023		3.8	71 J				< 0.20 U
MW-44-115	MW-44-115-Q423	N	LF		GW	11/8/2023		< 0.10 U	30 J				32
MW-44-125	MW-44-125-Q423	N	LF		GW	11/8/2023		< 0.10 U	47 J				< 1.0 U
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/8/2023		< 0.10 U	27 J				1.3
MW-46-175	MW-46-175-Q423	N	LF		GW	11/16/2023		< 0.10 UJ	30 J				12
MW-46-175	MW-916-Q423	FD		MW-46-175-Q423	GW	11/16/2023		< 0.10 UJ	28 J				11
MW-46-205	MW-46-205-Q423	N	LF		GW	11/16/2023		< 0.10 UJ	35 J				1.1
MW-47-055	MW-47-055-Q423	N			GW	11/16/2023							17
MW-47-115	MW-47-115-Q423	N	LF		GW	11/16/2023							17
MW-49-135	MW-49-135-Q423	N	LF		GW	11/27/2023							< 1.0 U
MW-49-275	MW-49-275-Q423	N	LF		GW	11/27/2023							< 1.0 U
MW-49-365	MW-49-365-Q423	N	LF		GW	11/27/2023							< 1.0 U
MW-51	MW-51-Q423	N	LF		GW	11/9/2023		0.38	43 J				17
MW-52D	MW-52D-Q423	N	LF		GW	11/15/2023		< 0.10 UJ	34				< 1.0 U
MW-52D	MW-917-Q423	FD		MW-52D-Q423	GW	11/15/2023		< 0.10 UJ	37				< 1.0 U
MW-52M	MW-52M-Q423	N	LF		GW	11/15/2023		< 0.10 UJ	59				< 1.0 U
MW-52S	MW-52S-Q423	N	LF		GW	11/15/2023		< 0.10 UJ	880				< 1.0 U
MW-53D	MW-53D-Q423	N	LF		GW	11/15/2023		< 0.10 UJ	49				< 1.0 U
MW-53M	MW-53M-Q423	N	LF		GW	11/15/2023		< 0.10 UJ	78				< 1.0 U
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023		< 0.10 UJ	66				< 1.0 U
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023		< 0.10 UJ	210				< 0.20 U
MW-71-035	MW-71-035-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	43				< 0.20 U
MW-75-033	MW-75-033-Q423	N	LF		GW	11/13/2023							54
MW-75-117	MW-75-117-Q423	N	LF		GW	11/13/2023							18
MW-75-202	MW-75-202-Q423	N	LF		GW	11/13/2023							< 1.0 U
MW-75-267	MW-75-267-Q423	N	LF		GW	11/13/2023							< 1.0 U
MW-75-337	MW-75-337-Q423	N	LF		GW	11/13/2023							< 1.0 U
MW-76-039	MW-76-039-Q423	N	LF		GW	11/6/2023		< 0.10 U	120 J				13
MW-76-156	MW-76-156-Q423	N	LF		GW	11/6/2023		< 0.10 U	26 J				1.3

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Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, total dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Magnesium by Method SW 6010B (µg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
MW-36-090	MW-36-090-Q423	N	LF		GW	11/8/2023	< 1.0 U			68			190 J
MW-36-100	MW-36-100-Q423	N	LF		GW	11/8/2023	4.4			350			510 J
MW-39-040	MW-39-040-Q423	N	LF		GW	11/7/2023	< 1.0 U			160			130
MW-39-050	MW-39-050-Q423	N	LF		GW	11/7/2023	< 1.0 U			< 20 U			240
MW-39-060	MW-39-060-Q423	N	LF		GW	11/7/2023	< 1.0 U			< 20 U			160
MW-39-070	MW-39-070-Q423	N	LF		GW	11/7/2023	5.3			530			78
MW-39-080	MW-39-080-Q423	N	LF		GW	11/7/2023	3.2			< 20 U			7
MW-39-100	MW-39-100-Q423	N	LF		GW	11/7/2023	190			< 20 U			14
MW-42-030	MW-42-030-Q423	N	LF		GW	11/13/2023	< 1.0 U			840 J			200
MW-42-055	MW-42-055-Q423	N	LF		GW	11/13/2023	< 1.0 U			330 J			220
MW-42-065	MW-42-065-Q423	N	LF		GW	11/13/2023	< 1.0 U			68 J			1900
MW-43-025	MW-43-025-Q423	N	LF		GW	11/14/2023	< 1.0 U			5100 J			460 J
MW-43-075	MW-43-075-Q423	N	LF		GW	11/14/2023	< 1.0 U			3200 J			520 J
MW-43-090	MW-43-090-Q423	N	LF		GW	11/14/2023	< 1.0 U			1700 J			650 J
MW-44-070	MW-44-070-Q423	N	LF		GW	11/8/2023	< 1.0 U			1300			660 J
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/8/2023	< 1.0 U			1200			620 J
MW-44-115	MW-44-115-Q423	N	LF		GW	11/8/2023	31			< 20 U			11 J
MW-44-125	MW-44-125-Q423	N	LF		GW	11/8/2023	< 1.0 U			< 20 U			450 J
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/8/2023	2.5			< 20 U			35 J
MW-46-175	MW-46-175-Q423	N	LF		GW	11/16/2023	11			< 20 U			12
MW-46-175	MW-916-Q423	FD		MW-46-175-Q423	GW	11/16/2023	11			< 20 U			10
MW-46-205	MW-46-205-Q423	N	LF		GW	11/16/2023	1.3			< 20 U			32
MW-47-055	MW-47-055-Q423	N			GW	11/16/2023	17						
MW-47-115	MW-47-115-Q423	N	LF		GW	11/16/2023	18						
MW-49-135	MW-49-135-Q423	N	LF		GW	11/27/2023	< 1.0 U						
MW-49-275	MW-49-275-Q423	N	LF		GW	11/27/2023	< 1.0 U						
MW-49-365	MW-49-365-Q423	N	LF		GW	11/27/2023	< 1.0 U						
MW-51	MW-51-Q423	N	LF		GW	11/9/2023	19			24			660 J
MW-52D	MW-52D-Q423	N	LF		GW	11/15/2023	< 1.0 U			680 J			260
MW-52D	MW-917-Q423	FD		MW-52D-Q423	GW	11/15/2023	< 1.0 U			710 J			270
MW-52M	MW-52M-Q423	N	LF		GW	11/15/2023	< 1.0 U			1500 J			200
MW-52S	MW-52S-Q423	N	LF		GW	11/15/2023	< 1.0 U			21000 J			1200
MW-53D	MW-53D-Q423	N	LF		GW	11/15/2023	< 1.0 U			200 J			1200
MW-53M	MW-53M-Q423	N	LF		GW	11/15/2023	< 1.0 U			2100 J			570
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023	< 1.0 U			590 J			490
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023	< 1.0 U			5000 J			1200
MW-71-035	MW-71-035-Q423	N	LF		GW	11/7/2023	< 1.0 U			79			94
MW-75-033	MW-75-033-Q423	N	LF		GW	11/13/2023	55						
MW-75-117	MW-75-117-Q423	N	LF		GW	11/13/2023	17						
MW-75-202	MW-75-202-Q423	N	LF		GW	11/13/2023	< 1.0 U						
MW-75-267	MW-75-267-Q423	N	LF		GW	11/13/2023	< 1.0 U						
MW-75-337	MW-75-337-Q423	N	LF		GW	11/13/2023	< 1.0 U						
MW-76-039	MW-76-039-Q423	N	LF		GW	11/6/2023	13			< 20 U			< 0.50 U
MW-76-156	MW-76-156-Q423	N	LF		GW	11/6/2023	1.1			< 20 U			36

PCM 2023-11 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)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Potassium by Method SW 6010B (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium by Method SW 6010B (µg/L)
MW-36-090	MW-36-090-Q423	N	LF		GW	11/8/2023	13	1.6				< 0.50 U	
MW-36-100	MW-36-100-Q423	N	LF		GW	11/8/2023	18	< 0.50 U				< 0.50 U	
MW-39-040	MW-39-040-Q423	N	LF		GW	11/7/2023	11	< 0.25 U				< 0.50 U	
MW-39-050	MW-39-050-Q423	N	LF		GW	11/7/2023	4.6	< 0.25 U				< 0.50 U	
MW-39-060	MW-39-060-Q423	N	LF		GW	11/7/2023	5.7	< 0.25 U				< 0.50 U	
MW-39-070	MW-39-070-Q423	N	LF		GW	11/7/2023	7.5	< 0.50 U				< 0.50 U	
MW-39-080	MW-39-080-Q423	N	LF		GW	11/7/2023	11	< 0.50 U				< 0.50 U	
MW-39-100	MW-39-100-Q423	N	LF		GW	11/7/2023	9	< 0.50 U				< 0.50 U	
MW-42-030	MW-42-030-Q423	N	LF		GW	11/13/2023	12	< 0.25 U	< 0.10 U			< 0.50 U	
MW-42-055	MW-42-055-Q423	N	LF		GW	11/13/2023	5.1	0.74				< 0.50 U	
MW-42-065	MW-42-065-Q423	N	LF		GW	11/13/2023	26	8.1				19	
MW-43-025	MW-43-025-Q423	N	LF		GW	11/14/2023	8.1	1				< 0.50 U	
MW-43-075	MW-43-075-Q423	N	LF		GW	11/14/2023	17	< 0.50 U				< 0.50 U	
MW-43-090	MW-43-090-Q423	N	LF		GW	11/14/2023	32	< 0.50 U				< 0.50 U	
MW-44-070	MW-44-070-Q423	N	LF		GW	11/8/2023	9.1	< 0.10 U				< 0.50 U	
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/8/2023	10	< 0.10 U				< 0.50 U	
MW-44-115	MW-44-115-Q423	N	LF		GW	11/8/2023	83	0.74				< 0.50 U	
MW-44-125	MW-44-125-Q423	N	LF		GW	11/8/2023	160	< 0.50 U				< 0.50 U	
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/8/2023	29	< 0.50 U				< 0.50 U	
MW-46-175	MW-46-175-Q423	N	LF		GW	11/16/2023	180	1.2				0.66	
MW-46-175	MW-916-Q423	FD		MW-46-175-Q423	GW	11/16/2023	200	1.1				0.58	
MW-46-205	MW-46-205-Q423	N	LF		GW	11/16/2023	370	0.94				0.82	
MW-47-055	MW-47-055-Q423	N			GW	11/16/2023							
MW-47-115	MW-47-115-Q423	N	LF		GW	11/16/2023							
MW-49-135	MW-49-135-Q423	N	LF		GW	11/27/2023							
MW-49-275	MW-49-275-Q423	N	LF		GW	11/27/2023							
MW-49-365	MW-49-365-Q423	N	LF		GW	11/27/2023							
MW-51	MW-51-Q423	N	LF		GW	11/9/2023	50 J	< 0.50 U				< 0.50 U	
MW-52D	MW-52D-Q423	N	LF		GW	11/15/2023	73	< 0.50 U				< 0.50 U	
MW-52D	MW-917-Q423	FD		MW-52D-Q423	GW	11/15/2023	78	< 0.50 U				< 0.50 U	
MW-52M	MW-52M-Q423	N	LF		GW	11/15/2023	37	< 0.50 U				< 0.50 U	
MW-52S	MW-52S-Q423	N	LF		GW	11/15/2023	13	< 0.50 U				< 0.50 U	
MW-53D	MW-53D-Q423	N	LF		GW	11/15/2023	190	< 0.50 U				< 0.50 U	
MW-53M	MW-53M-Q423	N	LF		GW	11/15/2023	44 J	< 0.50 U				< 0.50 U	
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023	62 J	< 0.50 U				< 0.50 U	
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023	2.4	1.1				< 0.50 U	
MW-71-035	MW-71-035-Q423	N	LF		GW	11/7/2023	21	1.5				1.2	
MW-75-033	MW-75-033-Q423	N	LF		GW	11/13/2023							
MW-75-117	MW-75-117-Q423	N	LF		GW	11/13/2023							
MW-75-202	MW-75-202-Q423	N	LF		GW	11/13/2023							
MW-75-267	MW-75-267-Q423	N	LF		GW	11/13/2023							
MW-75-337	MW-75-337-Q423	N	LF		GW	11/13/2023							
MW-76-039	MW-76-039-Q423	N	LF		GW	11/6/2023	9.1	0.56				< 0.50 U	
MW-76-156	MW-76-156-Q423	N	LF		GW	11/6/2023	13	< 0.50 U				< 0.50 U	

PCM 2023-11 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-36-090	MW-36-090-Q423	N	LF		GW	11/8/2023	670	< 1.0 U
MW-36-100	MW-36-100-Q423	N	LF		GW	11/8/2023	660	< 1.0 U
MW-39-040	MW-39-040-Q423	N	LF		GW	11/7/2023	160	3.3
MW-39-050	MW-39-050-Q423	N	LF		GW	11/7/2023	200	1.1
MW-39-060	MW-39-060-Q423	N	LF		GW	11/7/2023	200	1.1
MW-39-070	MW-39-070-Q423	N	LF		GW	11/7/2023	310	1.1
MW-39-080	MW-39-080-Q423	N	LF		GW	11/7/2023	750	9.5
MW-39-100	MW-39-100-Q423	N	LF		GW	11/7/2023	980	1.7
MW-42-030	MW-42-030-Q423	N	LF		GW	11/13/2023		6.8
MW-42-055	MW-42-055-Q423	N	LF		GW	11/13/2023		1.5
MW-42-065	MW-42-065-Q423	N	LF		GW	11/13/2023		4
MW-43-025	MW-43-025-Q423	N	LF		GW	11/14/2023		4.7
MW-43-075	MW-43-075-Q423	N	LF		GW	11/14/2023		4.1
MW-43-090	MW-43-090-Q423	N	LF		GW	11/14/2023		2.5
MW-44-070	MW-44-070-Q423	N	LF		GW	11/8/2023		< 1.0 U
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/8/2023		1.2
MW-44-115	MW-44-115-Q423	N	LF		GW	11/8/2023	980	< 1.0 U
MW-44-125	MW-44-125-Q423	N	LF		GW	11/8/2023	960	< 1.0 U
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/8/2023	550	1.4
MW-46-175	MW-46-175-Q423	N	LF		GW	11/16/2023		< 1.0 U
MW-46-175	MW-916-Q423	FD		MW-46-175-Q423	GW	11/16/2023		< 1.0 U
MW-46-205	MW-46-205-Q423	N	LF		GW	11/16/2023		< 1.0 U
MW-47-055	MW-47-055-Q423	N			GW	11/16/2023		
MW-47-115	MW-47-115-Q423	N	LF		GW	11/16/2023		
MW-49-135	MW-49-135-Q423	N	LF		GW	11/27/2023		
MW-49-275	MW-49-275-Q423	N	LF		GW	11/27/2023		
MW-49-365	MW-49-365-Q423	N	LF		GW	11/27/2023		
MW-51	MW-51-Q423	N	LF		GW	11/9/2023	360	< 1.0 U
MW-52D	MW-52D-Q423	N	LF		GW	11/15/2023		4
MW-52D	MW-917-Q423	FD		MW-52D-Q423	GW	11/15/2023		4
MW-52M	MW-52M-Q423	N	LF		GW	11/15/2023		2.9
MW-52S	MW-52S-Q423	N	LF		GW	11/15/2023		23
MW-53D	MW-53D-Q423	N	LF		GW	11/15/2023		< 1.0 U
MW-53M	MW-53M-Q423	N	LF		GW	11/15/2023		3.7 J
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023		< 1.0 UJ
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023		2
MW-71-035	MW-71-035-Q423	N	LF		GW	11/7/2023	670	3
MW-75-033	MW-75-033-Q423	N	LF		GW	11/13/2023		
MW-75-117	MW-75-117-Q423	N	LF		GW	11/13/2023		
MW-75-202	MW-75-202-Q423	N	LF		GW	11/13/2023		
MW-75-267	MW-75-267-Q423	N	LF		GW	11/13/2023		
MW-75-337	MW-75-337-Q423	N	LF		GW	11/13/2023		
MW-76-039	MW-76-039-Q423	N	LF		GW	11/6/2023	440	< 1.0 U
MW-76-156	MW-76-156-Q423	N	LF		GW	11/6/2023	420	< 1.0 U

PCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Bromide by Method EPA 300.0 (mg/L)	Calcium by Method SW 6010B (µg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)
MW-76-181	MW-76-181-Q423	N	LF		GW	11/6/2023		< 0.10 U	25 J				52
MW-76-218	MW-76-218-Q423	N	LF		GW	11/6/2023		0.63	21 J				< 1.0 U
MW-77-046	MW-77-046-Q423	N	LF		GW	11/6/2023		1	65 J				< 0.20 U
MW-77-102	MW-77-102-Q423	N	LF		GW	11/6/2023		< 0.10 U	41 J				< 1.0 U
MW-77-158	MW-77-158-Q423	N	LF		GW	11/6/2023		< 0.10 U	26 J				< 1.0 U
MW-77-187	MW-77-187-Q423	N	LF		GW	11/8/2023		3.3	21				1.8
MW-78-070	MW-78-070-Q423	N	LF		GW	11/9/2023		< 0.10 U	140 J				0.59
MW-78-142	MW-78-142-Q423	N	LF		GW	11/9/2023		< 0.10 U	29 J				590
MW-79-058	MW-79-058-Q423	N	LF		GW	11/9/2023		< 0.10 U	150 J				39
MW-79-102	MW-79-102-Q423	N	LF		GW	11/9/2023		< 0.10 U	46 J				180
MW-80-057	MW-80-057-Q423	N	LF		GW	11/9/2023		< 0.10 U	83 J				24
MW-80-082	MW-80-082-Q423	N	LF		GW	11/9/2023		< 0.10 U	44 J				4
MW-81-043	MW-81-043-Q423	N	LF		GW	11/8/2023		< 0.10 U	140				13
MW-81-098	MW-81-098-Q423	N	LF		GW	11/8/2023		< 0.10 U	77				1.2
MW-82-046	MW-82-046-Q423	N	LF		GW	11/7/2023		8.2 J	66				< 1.0 U
MW-82-112	MW-82-112-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	58				< 1.0 U
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/7/2023		< 0.10 UJ	55				< 1.0 U
MW-82-168	MW-82-168-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	38				< 1.0 U
MW-82-198	MW-82-198-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	53				< 0.20 U
MW-86-030	MW-86-030-Q423	N	LF		GW	11/27/2023		4.7	240				< 0.20 U
MW-86-066	MW-86-066-Q423	N	LF		GW	11/27/2023		< 0.10 U	64				< 1.0 U
MW-86-120	MW-86-120-Q423	N	LF		GW	11/27/2023		< 0.10 U	42				< 1.0 U
MW-86-140	MW-86-140-Q423	N	LF		GW	11/27/2023		< 0.10 U	70				1.3
MW-90-031	MW-90-031-Q423	N	LF		GW	11/14/2023		< 0.10 U	260				< 1.0 U
MW-90-031	MW-920-Q423	FD		MW-90-031-Q423	GW	11/14/2023		< 0.10 U	240				< 1.0 U
MW-96-045	MW-96-045-Q423	N	LF		GW	11/16/2023							< 1.0 U
MW-96-217	MW-96-217-Q423	N	LF		GW	11/16/2023							< 1.0 U
MW-97-042	MW-97-042-Q423	N	LF		GW	11/16/2023							120
MW-97-202	MW-97-202-Q423	N	LF		GW	11/16/2023							< 1.0 U
PT5D	PT5D-Q423	N	LF		GW	11/8/2023		< 0.10 U	29 J				160
PT5M	PT5M-Q423	N	LF		GW	11/15/2023		0.34 J	67				< 0.20 U
PT5S	PT5S-Q423	N	LF		GW	11/15/2023		14 J	110				< 0.20 U
TW-02D	TW-02D-Q423	N	LF		GW	11/7/2023		2.9 J	14				2
TW-02S	TW-02S-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	170				12
TW-03D	TW-03D-Q423	N	LF		GW	11/7/2023		< 0.10 UJ	150				24
TW-04	TW-04-Q423	N	LF		GW	11/30/2023							< 1.0 U

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Nitrate/Nitrite as Nitrogen by EPA 353.2 which was analyzed by BC Labs and Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

PCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, total dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Magnesium by Method SW 6010B (µg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)
MW-76-181	MW-76-181-Q423	N	LF		GW	11/6/2023	51			22			29
MW-76-218	MW-76-218-Q423	N	LF		GW	11/6/2023	< 1.0 U			< 20 U			30
MW-77-046	MW-77-046-Q423	N	LF		GW	11/6/2023	< 1.0 U			81			730
MW-77-102	MW-77-102-Q423	N	LF		GW	11/6/2023	< 1.0 U			36			46
MW-77-158	MW-77-158-Q423	N	LF		GW	11/6/2023	< 1.0 U			29			25
MW-77-187	MW-77-187-Q423	N	LF		GW	11/8/2023	2			< 20 U			20 J
MW-78-070	MW-78-070-Q423	N	LF		GW	11/9/2023	1.2			53			170 J
MW-78-142	MW-78-142-Q423	N	LF		GW	11/9/2023	660			27			2.2 J
MW-79-058	MW-79-058-Q423	N	LF		GW	11/9/2023	41			28			44 J
MW-79-102	MW-79-102-Q423	N	LF		GW	11/9/2023	220			38			58 J
MW-80-057	MW-80-057-Q423	N	LF		GW	11/9/2023	33			72			17 J
MW-80-082	MW-80-082-Q423	N	LF		GW	11/9/2023	6			28			420 J
MW-81-043	MW-81-043-Q423	N	LF		GW	11/8/2023	14			< 20 U			46 J
MW-81-098	MW-81-098-Q423	N	LF		GW	11/8/2023	2.2			33			120 J
MW-82-046	MW-82-046-Q423	N	LF		GW	11/7/2023	< 1.0 U			70			360
MW-82-112	MW-82-112-Q423	N	LF		GW	11/7/2023	< 1.0 U			35			150
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/7/2023	< 1.0 U			36			140
MW-82-168	MW-82-168-Q423	N	LF		GW	11/7/2023	< 1.0 U			54			60
MW-82-198	MW-82-198-Q423	N	LF		GW	11/7/2023	< 1.0 U			24			38
MW-86-030	MW-86-030-Q423	N	LF		GW	11/27/2023	< 1.0 U			490 J			380 J
MW-86-066	MW-86-066-Q423	N	LF		GW	11/27/2023	< 1.0 U			< 20 UJ			360 J
MW-86-120	MW-86-120-Q423	N	LF		GW	11/27/2023	< 1.0 U			240 J			500
MW-86-140	MW-86-140-Q423	N	LF		GW	11/27/2023	< 1.0 U			< 20 UJ			1200 J
MW-90-031	MW-90-031-Q423	N	LF		GW	11/14/2023	< 1.0 U			13000 J			640 J
MW-90-031	MW-920-Q423	FD		MW-90-031-Q423	GW	11/14/2023	< 1.0 U			14000 J			580 J
MW-96-045	MW-96-045-Q423	N	LF		GW	11/16/2023	< 1.0 U						
MW-96-217	MW-96-217-Q423	N	LF		GW	11/16/2023	< 1.0 U						
MW-97-042	MW-97-042-Q423	N	LF		GW	11/16/2023	120						
MW-97-202	MW-97-202-Q423	N	LF		GW	11/16/2023	1						
PT5D	PT5D-Q423	N	LF		GW	11/8/2023	160			< 20 U			15 J
PT5M	PT5M-Q423	N	LF		GW	11/15/2023	< 1.0 U			< 20 UJ			1700
PT5S	PT5S-Q423	N	LF		GW	11/15/2023	< 1.0 U			930 J			220
TW-02D	TW-02D-Q423	N	LF		GW	11/7/2023	2.2			< 20 U			31
TW-02S	TW-02S-Q423	N	LF		GW	11/7/2023	11			< 20 U			< 0.50 U
TW-03D	TW-03D-Q423	N	LF		GW	11/7/2023	24			< 20 U			< 0.50 U
TW-04	TW-04-Q423	N	LF		GW	11/30/2023	1.4						

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Nitrate/Nitrite as Nitrogen by EPA 353.2 which was analyzed by BC Labs and Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

PCM 2023-11 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)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Potassium by Method SW 6010B (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium by Method SW 6010B (µg/L)
MW-76-181	MW-76-181-Q423	N	LF		GW	11/6/2023	38	< 0.50 U				< 0.50 U	
MW-76-218	MW-76-218-Q423	N	LF		GW	11/6/2023	65	< 0.50 U				< 0.50 U	
MW-77-046	MW-77-046-Q423	N	LF		GW	11/6/2023	30	< 0.50 U				< 0.50 U	
MW-77-102	MW-77-102-Q423	N	LF		GW	11/6/2023	9	0.76				< 0.50 U	
MW-77-158	MW-77-158-Q423	N	LF		GW	11/6/2023	7	< 0.50 U				< 0.50 U	
MW-77-187	MW-77-187-Q423	N	LF		GW	11/8/2023	160	< 0.50 U				< 0.50 U	
MW-78-070	MW-78-070-Q423	N	LF		GW	11/9/2023	3.5 J	< 0.50 U				< 0.50 U	
MW-78-142	MW-78-142-Q423	N	LF		GW	11/9/2023	15 J	0.89				4	
MW-79-058	MW-79-058-Q423	N	LF		GW	11/9/2023	4.6 J	< 0.50 U				< 0.50 U	
MW-79-102	MW-79-102-Q423	N	LF		GW	11/9/2023	44 J	0.52				0.74	
MW-80-057	MW-80-057-Q423	N	LF		GW	11/9/2023	13 J	0.58				0.63	
MW-80-082	MW-80-082-Q423	N	LF		GW	11/9/2023	34 J	< 0.50 U				< 0.50 U	
MW-81-043	MW-81-043-Q423	N	LF		GW	11/8/2023	15	< 0.50 U				2	
MW-81-098	MW-81-098-Q423	N	LF		GW	11/8/2023	5.1	0.84				< 0.50 U	
MW-82-046	MW-82-046-Q423	N	LF		GW	11/7/2023	41	< 0.50 U				< 0.50 U	
MW-82-112	MW-82-112-Q423	N	LF		GW	11/7/2023	26	1.2				< 0.50 U	
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/7/2023	24	1.3				< 0.50 U	
MW-82-168	MW-82-168-Q423	N	LF		GW	11/7/2023	11	< 0.50 U				< 0.50 U	
MW-82-198	MW-82-198-Q423	N	LF		GW	11/7/2023	37	< 0.50 U				< 0.50 U	
MW-86-030	MW-86-030-Q423	N	LF		GW	11/27/2023	7	0.26				< 0.50 U	
MW-86-066	MW-86-066-Q423	N	LF		GW	11/27/2023	9.6	0.87				< 0.50 U	
MW-86-120	MW-86-120-Q423	N	LF		GW	11/27/2023	13	< 0.50 U				< 0.50 U	
MW-86-140	MW-86-140-Q423	N	LF		GW	11/27/2023	6.7	< 0.50 U				< 0.50 U	
MW-90-031	MW-90-031-Q423	N	LF		GW	11/14/2023	8.3	< 0.50 U	0.1 J			0.62	
MW-90-031	MW-920-Q423	FD		MW-90-031-Q423	GW	11/14/2023	9.6	0.93	2.5 J			0.55	
MW-96-045	MW-96-045-Q423	N	LF		GW	11/16/2023							
MW-96-217	MW-96-217-Q423	N	LF		GW	11/16/2023							
MW-97-042	MW-97-042-Q423	N	LF		GW	11/16/2023							
MW-97-202	MW-97-202-Q423	N	LF		GW	11/16/2023							
PT5D	PT5D-Q423	N	LF		GW	11/8/2023	95	0.61				< 0.50 U	
PT5M	PT5M-Q423	N	LF		GW	11/15/2023	20	0.73				< 0.50 U	
PT5S	PT5S-Q423	N	LF		GW	11/15/2023	8.4	< 0.25 U				< 0.50 U	
TW-02D	TW-02D-Q423	N	LF		GW	11/7/2023	58	< 0.50 U				< 0.50 U	
TW-02S	TW-02S-Q423	N	LF		GW	11/7/2023	3	0.62				< 0.50 U	
TW-03D	TW-03D-Q423	N	LF		GW	11/7/2023	4.7	0.52				< 0.50 U	
TW-04	TW-04-Q423	N	LF		GW	11/30/2023							

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Nitrate/Nitrite as Nitrogen by EPA 353.2 which was analyzed by BC Labs and Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

PCM 2023-11 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-76-181	MW-76-181-Q423	N	LF		GW	11/6/2023	490	< 1.0 U
MW-76-218	MW-76-218-Q423	N	LF		GW	11/6/2023	450	< 1.0 U
MW-77-046	MW-77-046-Q423	N	LF		GW	11/6/2023	290	3.8
MW-77-102	MW-77-102-Q423	N	LF		GW	11/6/2023	610	< 1.0 U
MW-77-158	MW-77-158-Q423	N	LF		GW	11/6/2023	340	1.3
MW-77-187	MW-77-187-Q423	N	LF		GW	11/8/2023	310	5.6
MW-78-070	MW-78-070-Q423	N	LF		GW	11/9/2023	330	< 1.0 U
MW-78-142	MW-78-142-Q423	N	LF		GW	11/9/2023	440	8.8
MW-79-058	MW-79-058-Q423	N	LF		GW	11/9/2023	370	< 1.0 U
MW-79-102	MW-79-102-Q423	N	LF		GW	11/9/2023	410	< 1.0 U
MW-80-057	MW-80-057-Q423	N	LF		GW	11/9/2023	400	< 1.0 U
MW-80-082	MW-80-082-Q423	N	LF		GW	11/9/2023	360	9.1
MW-81-043	MW-81-043-Q423	N	LF		GW	11/8/2023	340	< 1.0 U
MW-81-098	MW-81-098-Q423	N	LF		GW	11/8/2023	660	< 1.0 U
MW-82-046	MW-82-046-Q423	N	LF		GW	11/7/2023	1900	36
MW-82-112	MW-82-112-Q423	N	LF		GW	11/7/2023	710	< 1.0 U
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/7/2023	710	< 1.0 U
MW-82-168	MW-82-168-Q423	N	LF		GW	11/7/2023	370	< 1.0 U
MW-82-198	MW-82-198-Q423	N	LF		GW	11/7/2023	340	< 1.0 U
MW-86-030	MW-86-030-Q423	N	LF		GW	11/27/2023		4.2
MW-86-066	MW-86-066-Q423	N	LF		GW	11/27/2023		2.1
MW-86-120	MW-86-120-Q423	N	LF		GW	11/27/2023		3.1
MW-86-140	MW-86-140-Q423	N	LF		GW	11/27/2023		4.1
MW-90-031	MW-90-031-Q423	N	LF		GW	11/14/2023		40
MW-90-031	MW-920-Q423	FD		MW-90-031-Q423	GW	11/14/2023		23
MW-96-045	MW-96-045-Q423	N	LF		GW	11/16/2023		
MW-96-217	MW-96-217-Q423	N	LF		GW	11/16/2023		
MW-97-042	MW-97-042-Q423	N	LF		GW	11/16/2023		
MW-97-202	MW-97-202-Q423	N	LF		GW	11/16/2023		
PT5D	PT5D-Q423	N	LF		GW	11/8/2023	780	< 1.0 U
PT5M	PT5M-Q423	N	LF		GW	11/15/2023		11
PT5S	PT5S-Q423	N	LF		GW	11/15/2023		4.9
TW-02D	TW-02D-Q423	N	LF		GW	11/7/2023	330	< 1.0 U
TW-02S	TW-02S-Q423	N	LF		GW	11/7/2023	280	< 1.0 U
TW-03D	TW-03D-Q423	N	LF		GW	11/7/2023	270	< 1.0 U
TW-04	TW-04-Q423	N	LF		GW	11/30/2023		

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Nitrate/Nitrite as Nitrogen by EPA 353.2 which was analyzed by BC Labs and Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

PCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	Arsenic, dissolved by Method SW 6020 (µg/L)	Barium, dissolved by Method SW 6020 (µg/L)	Bromide by Method EPA 300.0 (mg/L)	Calcium by Method SW 6010B (µg/L)	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)

µg/L = micrograms per liter
EP = extraction port
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

PCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, total dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)	Magnesium by Method SW 6010B (µg/L)	Manganese by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)

µg/L = micrograms per liter
EP = extraction port
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

PCM 2023-11 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)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)	Potassium by Method SW 6010B (µg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium by Method SW 6010B (µg/L)

µg/L = micrograms per liter
EP = extraction port
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

PCM 2023-11 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)

µg/L = micrograms per liter
EP = extraction port
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

PCM 2023-12 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, 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)
MW-20-070	MW-20-070-1223	N			GW	12/13/2023	0.69 J	47 J	690		22	< 0.50 UJ	22	650	2
MW-20-100	MW-20-100-1223	N			GW	12/13/2023	0.45 J	32 J	1800 J		< 20 U	< 0.50 UJ	6.2	400	3.8
MW-20-130	MW-20-130-1223	N			GW	12/13/2023	< 0.10 UJ	29 J	2400 J		< 20 U	0.65 J	6.8	860	2.4
MW-21	MW-21-1223	N			GW	12/13/2023	8.6 J	84 J	< 0.20 U		330	590 J	< 0.50 U	940	6.2
MW-26	MW-26-1223	N	LF		GW	12/13/2023	< 0.10 UJ	89 J	< 0.20 U	< 1.0 UJ	360	1800 J	< 0.50 U	330	1.8
MW-30-050	MW-30-050-1223	N	LF		GW	12/14/2023	3.4	22	< 0.20 U		80 J	41	< 0.25 U	210	8.6
MW-30-050	MW-922-Q423	FD		MW-30-050-1223	GW	12/14/2023	3.5	24	0.23		66 J	49	< 0.25 U	210	5
MW-31-060	MW-31-060-1223	N			GW	12/13/2023	< 0.10 UJ	370 J	< 1.0 U		33	1500 J	< 0.50 U	330	3.2
MW-31-135	MW-31-135-1223	N			GW	12/13/2023	< 0.10 UJ	33 J	10 J		86	18 J	< 0.50 U	400	1.5
MW-34-080	MW-34-080-1223	N			GW	12/12/2023	< 0.10 U	39	< 0.20 U		490	170	< 0.50 U	770	< 1.0 U
MW-34-100	MW-34-100-1223	N			GW	12/12/2023	< 0.10 U	19	7.1		< 20 U	42	< 0.25 U	1100	3.4
MW-36-090	MW-36-090-1223	N			GW	12/12/2023	< 0.10 U	69	< 0.20 U		45	240	< 0.50 U	620	< 1.0 U
MW-36-100	MW-36-100-1223	N	LF		GW	12/12/2023	< 0.10 U	59	1.6		250	400	< 0.50 U	650	1
MW-39-040	MW-39-040-1223	N			GW	12/14/2023	14	100	< 0.20 U		310 J	140	0.6	150	9.5
MW-39-050	MW-39-050-1223	N	LF		GW	12/14/2023	1.8	51	< 0.20 U		34 J	270	< 0.25 U	200	2.8
MW-39-060	MW-39-060-1223	N			GW	12/14/2023	2.2	34	< 0.20 U		250 J	180	< 0.25 U	190	4.3
MW-39-070	MW-39-070-1223	N	LF		GW	12/14/2023	0.99	42	< 0.20 U		47 J	30	< 0.50 U	280	2.2
MW-39-080	MW-39-080-1223	N	LF		GW	12/14/2023	< 0.10 U	42	0.51		28 J	5.6	2.3	610	2.4
MW-39-100	MW-39-100-1223	N	LF		GW	12/12/2023	< 0.10 U	32	46		< 20 U	8.4	< 0.50 U	770	< 1.0 U
MW-44-115	MW-44-115-1223	N	LF		GW	12/12/2023	< 0.10 U	32	31		26	24	0.84	950	1.6
MW-44-125	MW-44-125-1223	N	LF		GW	12/12/2023	< 0.10 U	47	2.7 J		< 20 U	400	< 0.50 U	940	1.9
MW-45-095A	MW-45-095A-1223	N	LF		GW	12/14/2023	< 0.10 U	30	0.54		23 J	49	< 0.50 U	530	1.9
MW-51	MW-51-1223	N	LF		GW	12/13/2023	2.4 J	40 J	< 0.20 U	1.5 J	< 20 U	840 J	< 0.50 U	360	2.3
MW-51	MW-923-Q423	FD		MW-51-1223	GW	12/13/2023	0.23 J	43 J	< 0.20 U	1.7 J	< 20 U	870 J	< 0.50 U	360	2.5
MW-71-035	MW-71-035-1223	N			GW	12/13/2023	< 0.10 UJ	32 J	0.8		< 20 U	18 J	0.97	660	3.2
MW-76-039	MW-76-039-1223	N			GW	12/11/2023	< 0.10 U	140	22		53	0.6	< 0.50 U	400	2.6
MW-76-156	MW-76-156-1223	N			GW	12/11/2023	< 0.10 U	44	4.8		31	49	0.56	490	1.5
MW-76-181	MW-76-181-1223	N			GW	12/11/2023	< 0.10 U	35	< 1.0 U		51	380	< 0.50 U	480	2.2
MW-76-218	MW-76-218-1223	N			GW	12/11/2023	0.68	38	16		35	51	< 0.50 U	560	1.3
MW-77-046	MW-77-046-1223	N	LF		GW	12/11/2023	0.59	130	< 1.0 U		140	840	< 0.50 U	910	6.1
MW-77-102	MW-77-102-1223	N	LF		GW	12/11/2023	< 0.10 U	56	0.51		98 J	53	0.79	600	3.3
MW-77-102	MW-924-Q423	FD		MW-77-102-1223	GW	12/11/2023	< 0.10 U	55	0.6		51 J	51	0.8	600	2.9
MW-77-158	MW-77-158-1223	N	LF		GW	12/11/2023	< 0.10 U	39	< 0.20 U		59	47	< 0.50 U	350	3.2
MW-77-187	MW-77-187-1223	N	LF		GW	12/11/2023	< 0.10 U	58	21		21	50	0.52	590	1.4
MW-78-070	MW-78-070-1223	N	LF		GW	12/13/2023	< 0.10 UJ	120 J	< 0.20 U		< 20 U	990 J	< 0.50 U	320	3.4
MW-78-142	MW-78-142-1223	N	LF		GW	12/13/2023	< 0.10 UJ	27 J	700 J		< 20 U	4.3 J	0.94	470	2.7
MW-79-058	MW-79-058-1223	N	LF		GW	12/13/2023	< 0.10 UJ	120 J	27 J		77	26 J	< 0.50 U	380	4.3
MW-79-102	MW-79-102-1223	N	LF		GW	12/13/2023									2.7
MW-79-102	MW-79-102-121423	N	LF		GW	12/14/2023	< 0.10 U	51	300		34 J	45	0.54	390	3.6
MW-80-057	MW-80-057-1223	N	LF		GW	12/13/2023	< 0.10 UJ	85 J	7.4 J	12 J	42	82 J	< 0.50 U	350	2.8
MW-80-082	MW-80-082-1223	N	LF		GW	12/13/2023	< 0.10 UJ	55 J	0.71	1.7 J	< 20 U	840 J	0.56	340	1.5
MW-80-082	MW-925-Q423	FD		MW-80-082-1223	GW	12/13/2023	0.22 J	52 J	0.42	1.5 J	< 20 U	820 J	< 0.50 U	330	1.7
MW-81-043	MW-81-043-1223	N	LF		GW	12/12/2023	< 0.10 U	140	15 J		< 20 U	43	0.52	360	2.7
MW-81-098	MW-81-098-1223	N	LF		GW	12/12/2023	< 0.10 U	87	0.96 J		32	96	1	640	1.9
MW-82-046	MW-82-046-1223	N			GW	12/12/2023	13	68	< 1.0 U		4800	260	< 0.50 U	1900	22
MW-82-168	MW-82-168-1223	N			GW	12/12/2023	< 0.10 U	38	< 1.0 U		70	69	< 0.50 U	360	< 1.0 U
MW-82-198	MW-82-198-1223	N			GW	12/12/2023	< 0.10 U	52	< 1.0 U		25	44	< 0.50 U	330	2.7
PT5D	PT5D-1223	N	LF		GW	12/12/2023	< 0.10 U	26	63		< 20 U	160	< 0.50 U	710	3.1
TW-02D	TW-02D-1223	N			GW	12/12/2023	2.5	16	1.3 J		< 20 U	63	< 0.50 U	320	< 1.0 U
TW-02S	TW-02S-1223	N			GW	12/12/2023	< 0.10 U	160	19 J		< 20 U	< 0.50 U	< 0.50 U	270	< 1.0 U
TW-03D	TW-03D-1223	N			GW	12/12/2023	1.7	25	4.3 J		< 20 U	31	< 0.50 U	330	< 1.0 U

Notes:

All samples were sent to Asset Laboratories for analyses wiith the exception of Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs.

< = analyte not detected at the reporting limit shown

PCM 2023-12 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, 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)

Acronyms and Abbreviations:
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

Phase 2 2023-10 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)
FW-02B-127	FW-02B-127-1023	N	3V	GW	10/12/2023	78	< 0.10 U	100	0.35	< 2.5 U	130	390	0.42
MW-88-107	MW-88-107-1023	N	LF	GW	10/12/2023	160	5	29	0.28	< 2.5 U	27	94	35

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
3V = three volume
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 2023-10 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-127-1023	N	3V	GW	10/12/2023	1.3	0.68	330	110	440	< 20 U	28	22
MW-88-107	MW-88-107-1023	N	LF	GW	10/12/2023	33	1	66	14	80	58	3.4	4.7

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
3V = three volume
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 2023-10 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-127-1023	N	3V	GW	10/12/2023	7.7 J	12 J	170	170	1200	< 10 U
MW-88-107	MW-88-107-1023	N	LF	GW	10/12/2023	12 J	5.2 J	150	86	560	< 10 U

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
3V = three volume
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 2023-11 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)
FW-02B-127	FW-02B-127-1123	N	LF	GW	11/9/2023	83	< 0.10 U	130 J	0.34	< 2.5 U	130 J	400	2.7
MW-88-107	MW-88-107-1123	N		GW	11/9/2023	170	4.9	40 J	0.33	< 2.5 U	35 J	190	44

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
GW = groundwater
J = estimated
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Phase 2 2023-11 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-127-1123	N	LF	GW	11/9/2023	4.1	0.82	310	120	440	35	30 J	23 J
MW-88-107	MW-88-107-1123	N		GW	11/9/2023	48	1.3	87	19	110	31	4.7 J	< 0.50 UJ

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
GW = groundwater
J = estimated
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Phase 2 2023-11 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-127-1123	N	LF	GW	11/9/2023	8.5	12	200	180	1100	< 10 U
MW-88-107	MW-88-107-1123	N		GW	11/9/2023	12	6	200	120	710	< 10 U

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
GW = groundwater
J = estimated
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Phase 2 2023-12 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)
FW-02B-127	FW-02B-127-1223	N	LF	GW	12/14/2023	97	< 0.10 UJ	120	0.33	< 2.5 U	150	400	17
MW-88-107	MW-88-107-1223	N	LF	GW	12/14/2023	170	6.1 J	32	0.24	< 2.5 U	23	59	28

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
GW = groundwater
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Phase 2 2023-12 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-127-1223	N	LF	GW	12/14/2023	21	0.59	370	150	520	39 J	36	23
MW-88-107	MW-88-107-1223	N	LF	GW	12/14/2023	32	0.83	57	12	69	48 J	3	8.1

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
GW = groundwater
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Phase 2 2023-12 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-127-1223	N	LF	GW	12/14/2023	11	13 J	190	170	1100	< 10 U
MW-88-107	MW-88-107-1223	N	LF	GW	12/14/2023	11	5.1 J	150	72	440	10

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
GW = groundwater
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

RCM 2023-10 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-67-185-1023	N	LF	GW	10/13/2023	150	63	760	26 J	28	150
MW-68-180	MW-68-180-1023	N	LF	GW	10/13/2023	41000	38000		52 J		

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
GW = groundwater
LF = low flow
mg/L = milligrams per liter
N = Normal
SW = solid waste

RCM 2023-11 AZ Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020A (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020A (µg/L)	Manganese, dissolved by Method SW 6020A (µg/L)	Molybdenum, dissolved by Method SW 6020A (µg/L)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Selenium, dissolved by Method SW 6020A (µg/L)
MW-54-085	MW-54-085-Q423	N	LF		GW	11/17/2023	< 5.0 U	< 0.20 U	< 5.0 U	753	52	0.256	< 50 U
MW-54-140	MW-54-140-Q423	N	LF		GW	11/17/2023	< 5.0 U	< 0.20 U	< 5.0 U	53.5	59.2	0.747	< 50 U
MW-54-140	MW-926-Q423	FD		MW-54-140-Q423	GW	11/17/2023	< 5.0 U	< 0.20 U	< 5.0 U	52.3	59.6	< 0.50 U	< 50 U
MW-54-195	MW-54-195-Q423	N	LF		GW	11/17/2023	< 5.0 U	< 0.20 U	< 5.0 U	345	110	< 0.50 U	< 50 U
MW-55-045	MW-55-045-Q423	N	LF		GW	11/14/2023	5.99	< 0.20 U	< 5.0 U	514			
MW-55-120	MW-55-120-Q423	N	LF		GW	11/14/2023	8.42	8.36	9.44	< 50 U			
MW-56D	MW-56D-Q423	N	LF		GW	11/15/2023	2.89	< 0.20 U	< 1.0 U	303	44.5	< 0.50 U	< 10 U
MW-56M	MW-56M-Q423	N	LF		GW	11/15/2023	< 1.0 U	< 0.20 U	< 1.0 U	497	10.9	< 0.50 U	< 10 U
MW-56S	MW-56S-Q423	N	LF		GW	11/15/2023	5.08	< 0.20 U	< 1.0 U	739	30.5	< 0.20 U	< 10 U

Notes:
All samples were sent to EMAX 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
GW = groundwater
LF = low flow
mg/L = milligrams per liter
N = Normal
SW = solid waste

RCM 2023-11 Remedy Compliance Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020A (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020A (µg/L)	Manganese, dissolved by Method SW 6020A (µg/L)	Molybdenum, dissolved by Method SW 6020A (µg/L)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Selenium, dissolved by Method SW 6020A (µg/L)
MW-91-045	MW-91-045-Q423	N	LF		GW	11/17/2023	8.83	< 0.20 U	< 5.0 U	103	< 50 U	0.685	< 50 U
MW-91-120	MW-91-120-Q423	N	LF		GW	11/17/2023	< 5.0 U	19.3	23.5	60	< 50 U	1.86	< 50 U
MW-91-170	MW-91-170-Q423	N	LF		GW	11/17/2023	< 5.0 U	3.23	5.14	169	173	1.53	< 50 U
MW-91-170	MW-927-Q423	FD		MW-91-170-Q423	GW	11/17/2023	< 5.0 U	3.19	< 5.0 U	165	170	1.53	< 50 U
MW-91-320	MW-91-320-Q423	N	LF		GW	11/17/2023	11.4	< 0.20 U	< 5.0 U	1460	< 50 U	< 1.0 U	< 50 U
MW-92-037	MW-92-037-Q423	N	LF		GW	11/17/2023	26.5	< 0.20 U	< 5.0 U	75.6	< 50 U	< 0.10 U	< 50 U
MW-92-072	MW-92-072-Q423	N	LF		GW	11/17/2023	17.8	< 0.20 U	< 5.0 U	< 50 U	< 50 U	0.511	< 50 U
MW-92-102	MW-92-102-Q423	N	LF		GW	11/17/2023	21	7.09	8.83	< 50 U	< 50 U	1.32	< 50 U
MW-92-122	MW-92-122-Q423	N	LF		GW	11/17/2023	12.6	< 0.20 U	< 5.0 U	233	207	< 0.50 U	< 50 U

Notes:
All samples were sent to EMAX 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
GW = groundwater
mg/L = milligrams per liter
N = Normal
R = river sample
SW = solid waste

RCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate (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)
MW-10	MW-10-Q423	N	LF		GW	11/30/2023	8.4	3800	3900	1.5	260	12		2.3
MW-10D	MW-10D-Q423	N	LF		GW	11/30/2023	< 0.10 U	150	150	1.4	3.1	9.6		5.9
MW-11	MW-11-Q423	N	LF		GW	11/30/2023	1.2	980	970	0.84				
MW-11D	MW-11D-Q423	N	LF		GW	11/30/2023	< 0.10 U	400	390	0.97				
MW-12	MW-12-Q423	N	LF		GW	11/30/2023	26	1400	1500	1.2	13	7.3		6.2
MW-12	MW-928-Q423	FD		MW-12-Q423	GW	11/30/2023	25	1400	1400	0.95	13	7.3		6
MW-13	MW-13-Q423	N	LF		GW	12/1/2023	0.81 J	26	26	< 0.50 U	9.9	5.2		3.4
MW-14	MW-14-Q423	N	LF		GW	12/1/2023	< 0.10 UJ	12	12	< 0.50 U	9.6	2.8		1.8
MW-14	MW-929-Q423	FD		MW-14-Q423	GW	12/1/2023	< 0.10 UJ	11	12	< 0.50 U	8.9	2.8		1.8
MW-15	MW-15-Q423	N	LF		GW	11/28/2023	0.77 J	14	15	< 0.50 UJ				
MW-19	MW-19-Q423	N	LF		GW	11/28/2023	0.29	83	84	3.1				
MW-23-060	MW-23-060-Q423	N	LF		GW	11/28/2023	< 0.10 U	32	33	2.3	25	4.6	4.5	4.7
MW-23-060	MW-930-Q423	FD		MW-23-060-Q423	GW	11/28/2023	< 0.10 U	31	32	2.3	25	4.7	4.5	4.5
MW-23-080	MW-23-080-Q423	N	LF		GW	11/28/2023	< 0.10 U	< 1.0 U	< 1.0 U	1.4	50	2.3	3.6	4.3
MW-24A	MW-24A-Q423	N	LF		GW	11/30/2023	< 0.10 U	< 0.20 U	1.6	110	78	< 0.25 U		< 0.50 UJ
MW-24B	MW-24B-Q423	N	LF		GW	11/30/2023	< 0.10 U	5	6.5	13	44	< 0.50 U		< 0.50 UJ
MW-24BR	MW-24BR-Q423	N	3V		GW	12/1/2023	< 0.10 UJ	< 1.0 U	< 1.0 U	75				
MW-25	MW-25-Q423	N	LF		GW	11/29/2023	0.82	54	59 J	0.86	4.4	13		6.9
MW-37D	MW-37D-Q423	N	LF		GW	11/28/2023	0.92 J	3.1	3.3	0.84	85	2.5		1.8
MW-37S	MW-37S-Q423	N	LF		GW	11/28/2023	< 0.10 U	11	12	< 0.50 UJ	13	1.4		1
MW-37S	MW-931-Q423	FD		MW-37S-Q423	GW	11/28/2023	< 0.10 U	11	12	2.8 J	13	1.4		0.78
MW-38D	MW-38D-Q423	N	LF		GW	11/30/2023	< 0.10 U	< 4.0 U	< 1.0 U	1.8	32	< 1.0 U		0.71
MW-38S	MW-38S-Q423	N	LF		GW	11/30/2023	4.5	37	37	2.1	9.6	6.3		5
MW-40D	MW-40D-Q423	N	LF		GW	11/29/2023	< 0.10 UJ	6 J	4.6	2.7	30	< 0.25 U		< 0.50 U
MW-40D	MW-932-Q423	FD		MW-40D-Q423	GW	11/29/2023	< 0.10 UJ	8.6 J	3.7	3.1	30	0.3		< 0.50 U
MW-40S	MW-40S-Q423	N	G		GW	11/29/2023	0.79 J	9.4	9.4	1.4	6.5	3.9	3.3 J	2.1
MW-41D	MW-41D-Q423	N	LF		GW	12/1/2023	< 0.10 UJ	< 1.0 U	< 1.0 U	110	86	0.86		0.76
MW-41M	MW-41M-Q423	N	LF		GW	12/1/2023	< 0.10 UJ	5.7	5.7	57	27	0.66		< 0.50 U
MW-41M	MW-933-Q423	FD		MW-41M-Q423	GW	12/1/2023	< 0.10 UJ	6	6.1	62	28	0.66		0.5
MW-41S	MW-41S-Q423	N	LF		GW	12/1/2023	< 0.10 UJ	3.8	4.4	< 0.50 U	13	2.6		2.5
MW-48	MW-48-Q423	N	LF		GW	11/30/2023	< 0.10 U	< 1.0 U	< 1.0 U	32	9.3	< 0.50 U		< 0.50 U
MW-50-095	MW-50-095-Q423	N	LF		GW	11/28/2023	< 0.10 U	13	14	3.5				
MW-50-200	MW-50-200-Q423	N	LF		GW	11/28/2023	< 0.10 U	2100	2100	< 0.50 U	52	1.9		1.2
MW-57-070	MW-57-070-Q423	N	LF		GW	11/29/2023	2.6	4.7	31 J	620	7.5	2.9		1.7
MW-57-185	MW-57-185-Q423	N	LF		GW	11/29/2023	5.4	2	< 1.0 UJ	1.4	43	< 0.50 U		< 0.50 U
MW-57-185	MW-934-Q423	FD		MW-57-185-Q423	GW	11/29/2023	5.6	1.5	< 1.0 UJ	1.8	45	< 0.50 U		< 0.50 U
MW-58BR	MW-58BR-Q423	N	LF		GW	11/29/2023	< 0.10 UJ	6.8	7.1	360	26	0.49		1.6
MW-59-100	MW-59-100-Q423	N	LF		GW	11/29/2023	1.1	2400	2700 J	0.79	3.8	6.5		5.5
MW-60-125	MW-60-125-Q423	N	LF		GW	11/30/2023	< 0.10 U	15	26	37	18	3		6.5 J
MW-60BR-245	MW-60BR-245-Q423	N	LF		GW	11/29/2023	< 0.10 U	44	43 J	0.92				
MW-61-110	MW-61-110-Q423	N	LF		GW	11/30/2023	< 0.10 U	200	220	310	23	0.76		1.8 J
MW-62-065	MW-62-065-Q423	N	LF		GW	11/29/2023	< 0.10 U	590	600 J	2.5	11	5.5		4.1
MW-62-110	MW-62-110-Q423	N	3V		GW	11/29/2023	4.5 J	< 1.0 U	1.1	260	58	0.64		1
MW-62-190	MW-62-190-Q423	N	3V		GW	11/29/2023	< 0.10 UJ	< 1.0 U	< 1.0 U	570	36	< 0.25 U		< 0.50 U
MW-63-065	MW-63-065-Q423	N	LF		GW	11/29/2023	< 0.10 U	1.7	2 J	7.3	16	2.3		0.82
MW-64BR	MW-64BR-Q423	N	LF		GW	11/29/2023	< 0.10 U	< 1.0 U	< 1.0 UJ	1500	34	< 0.25 U		< 0.50 U
MW-65-160	MW-65-160-Q423	N	LF		GW	11/28/2023	< 0.10 UJ	270	270	< 0.50 UJ	24	13		9.3 J
MW-65-225	MW-65-225-Q423	N	LF		GW	11/28/2023	< 0.10 UJ	450	440	0.83 J	22	8.4		6.7 J
MW-66-165	MW-66-165-Q423	N	LF		GW	11/28/2023	0.73 J	220	210	2.9 J	6.4	8.4		6.9 J

RCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate (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)
MW-66-230	MW-66-230-Q423	N	LF		GW	11/28/2023	< 0.10 UJ	8400	7200	1.4 J	77	28		22 J
MW-66BR-270	MW-66BR-270-Q423	N	3V		GW	11/28/2023	< 0.10 UJ	< 1.0 U	< 1.0 U	380 J				
MW-67-185	MW-67-185-Q423	N	LF		GW	11/30/2023	< 0.50 U	120	98	390	22	31		140 J
MW-67-225	MW-67-225-Q423	N	LF		GW	11/30/2023	< 0.10 U	3000	3100	2.4	62	13		48 J
MW-67-260	MW-67-260-Q423	N	LF		GW	11/30/2023	< 0.10 U	700	720	9	61	< 0.50 U		1.4 J
MW-68-180	MW-68-180-Q423	N	LF		GW	11/30/2023	1.8	26000	28000	< 2.5 U	46	29		19 J
MW-68-240	MW-68-240-Q423	N	LF		GW	12/1/2023	< 0.10 UJ	1900	2200	20	23	4.3		3.8
MW-68BR-280	MW-68BR-280-Q423	N	3V		GW	11/30/2023	< 0.10 U	< 1.0 U	< 1.0 U	45				
MW-69-195	MW-69-195-Q423	N	LF		GW	11/28/2023	1 J	190	170	5.7 J	53	15		14 J
MW-70-105	MW-70-105-Q423	N	LF		GW	11/29/2023	2.9 J	210	200	3.8	47	6.4		5.3
MW-70BR-225	MW-70BR-225-Q423	N	LF		GW	11/29/2023	< 0.10 UJ	1000	1200	16	23	2.7		2.2
MW-70BR-287	MW-70BR-287-Q423	N	LF		GW	11/29/2023	< 0.10 UJ	440	440	2.2				
MW-72-080	MW-72-080-Q423	N	LF		GW	11/29/2023	3.1	32	32 J	310	77	0.91		1.1
MW-72BR-200	MW-72BR-200-Q423	N	LF		GW	11/29/2023	6.9	< 1.0 U	< 1.0 UJ	130				
MW-73-080	MW-73-080-Q423	N	LF		GW	11/29/2023	< 0.10 U	11	11 J	59	47	1.7		2.2
MW-83-090	MW-83-090-Q423	N	LF		GW	11/27/2023	0.24	52	53	0.96 J	3.6	7		5.7
MW-83-180	MW-83-180-Q423	N	LF		GW	11/27/2023	< 0.10 U	8.9	9.6	< 0.50 UJ	35	1		0.77
MW-83-225	MW-83-225-Q423	N	LF		GW	11/27/2023	< 0.10 U	18	18	< 0.50 UJ	54	0.88		0.64
MW-83-245	MW-83-245-Q423	N	LF		GW	11/27/2023	< 0.10 U	2600	2500	25 J	59	1.6		2.4
MW-84-057	MW-84-057-Q423	N	LF		GW	11/28/2023	1.1	37	38	1	18	9		4.4
MW-84-095	MW-84-095-Q423	N	LF		GW	11/28/2023	< 0.10 U	4	4	6.1	5	1.2		0.77
MW-84-132	MW-84-132-Q423	N	LF		GW	11/28/2023	< 0.10 U	3.3	3.6	< 0.50 U	14	1.6		1.3
MW-84-193	MW-84-193-Q423	N	LF		GW	11/28/2023	< 0.10 U	9.6	9.4	< 0.50 U	44	1.6		1.4
MW-85-129	MW-85-129-Q423	N	LF		GW	11/28/2023	0.65 J	360	370	< 0.50 UJ	2.7	19		10 J
MW-85-217	MW-85-217-Q423	N	LF		GW	11/28/2023	0.53 J	1700	1700	5.1 J	73	9		8.1 J
MW-85-237	MW-85-237-Q423	N	LF		GW	11/28/2023	< 0.10 UJ	430	420	55 J	88	2.6		2.2 J
MW-87-109	MW-87-109-Q423	N	LF		GW	11/28/2023	0.2 J	51	42	42 J	9.4	8.8		6.1 J
MW-87-139	MW-87-139-Q423	N	LF		GW	11/28/2023	< 0.10 UJ	8.9	9.5	< 0.50 UJ	4.2	1.6		0.99 J
MW-87-192	MW-87-192-Q423	N	LF		GW	11/28/2023	< 0.10 UJ	1.7	1.6	1 J	29	1.2		1.2 J
MW-87-275	MW-87-275-Q423	N	LF		GW	11/28/2023	< 0.10 U	1.1	1.5	< 0.50 U	41	1.6		1.2
MW-88-107	MW-88-107-Q423	N	LF		GW	11/9/2023	5.1	44	52	< 0.50 UJ				
MW-89-183	MW-89-183-Q423	N	LF		GW	11/29/2023	< 0.10 UJ	0.86	1.2	0.8	6.1	3.3	2.9 J	2.9
MW-89-183	MW-935-Q423	FD		MW-89-183-Q423	GW	11/29/2023	< 0.10 UJ	0.88	1.1	< 0.50 U	6	3.3	3 J	2.7
MW-89-273	MW-89-273-Q423	N	LF		GW	11/29/2023	3.8 J	0.41	< 1.0 U	1.4	39	3.2	2.8 J	3.6
MW-93-050	MW-93-050-Q423	N	LF		GW	11/16/2023	< 0.10 U	14	14 J	200				
MW-93-213	MW-93-213-Q423	N	LF		GW	11/16/2023	< 0.10 U	4.1	4.2 J	26				
MW-98-055	MW-98-055-Q423	N	LF		GW	11/28/2023	1.1	200	190	77				
MW-98-077	MW-98-077-Q423	N	LF		GW	11/28/2023	0.78 J	420	410	58				
PGE-07BR	PGE-07BR-Q423	N	3V		GW	11/30/2023	< 0.10 U	< 1.0 U	< 1.0 U	520				
PT8D	PT8D-Q423	N	LF		GW	11/30/2023	< 0.10 U	< 1.0 U	1.1	1200				
PT9D	PT9D-Q423	N	LF		GW	11/30/2023	< 0.10 U	3900	4000	6.6	43	9.5		8.8 J
PT9M	PT9M-Q423	N	LF		GW	11/30/2023	< 0.10 U	490	490	35	4.4	4.3		4.1
PT9S	PT9S-Q423	N	LF		GW	11/30/2023	1.1	< 0.20 U	< 1.0 U	1300	20	1.2		< 0.50 U
TW-01	TW-01-Q423	N	3V		GW	12/1/2023	< 0.10 UJ	4500	5000	3	16	24		66
TW-05	TW-05-Q423	N	LF		GW	11/28/2023	< 0.10 U	12	12	8.1				

Notes:

All samples were sent to Asset Laboratories for analyses with the exception of Nitrate/Nitrite as Nitrogen by Method EPA 353.2 which was analyzed at BC Labs.

RCM 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate (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)

< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:

µg/L = micrograms per liter
3V = three volume
EPA = Environmental Protection Agency
FD = field duplicate
GW = groundwater
J = estimated
LF = low flow
mg/L = milligrams per liter
N = Normal
SW = solid waste

RCM 2023-11 SURFACEWAT 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)	Ammonia as nitrogen by Method TIMBERLINE (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)	Calcium, dissolved by Method SW 6010B (mg/L)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023			2.6			
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023			2.4			
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023			2.4			
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023			2.6			
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023			2.4			
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023			2.3			
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023			2.5			
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023			2.4			
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023			2.3			
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023			2.3			
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023			2.3			
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023			2.4			
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023			2.3			
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023			2.4			
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023			2.4			
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023			2.4			
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023			2.6			
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023			2.4			
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023			2.6			
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023			2.6			
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023			2.7			
R-19	R-19-Q423	N	R		Surface Water	11/16/2023			2.5			
R-28	R-28-Q423	N	R		Surface Water	11/15/2023			2.7			
R63	R63-Q423	N	R		Surface Water	11/15/2023	130	< 0.20 U	2.2	150	0.16	86 J
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	110	< 0.20 U	2.5	170	0.17	86 J
RRB	RRB-Q423	N	R		Surface Water	11/16/2023			2.5			
SW1	SW1-Q423	N	R		Surface Water	11/15/2023			2.4			
SW2	SW2-Q423	N	R		Surface Water	11/15/2023			2.5			

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mg/L = milligrams per liter
N = Normal
R = river sample
SW = solid waste

RCM 2023-11 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chloride by Method EPA 300.0 (mg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Fluoride by Method EPA 300.0 (mg/L)	Iron by Method SW 6010B (µg/L)	Iron, dissolved by Method SW 6010B (µg/L)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
R-19	R-19-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
R-28	R-28-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
R63	R63-Q423	N	R		Surface Water	11/15/2023	130	< 0.20 U	< 1.0 U	0.36	37	< 20 U
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	130	< 0.20 U	< 1.0 U	0.45	53	< 20 U
RRB	RRB-Q423	N	R		Surface Water	11/16/2023		< 0.20 U	< 1.0 U			
SW1	SW1-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			
SW2	SW2-Q423	N	R		Surface Water	11/15/2023		< 0.20 U	< 1.0 U			

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N = Normal
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SW = solid waste

RCM 2023-11 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Magnesium, dissolved by Method SW 6010B (mg/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)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/L)	Nitrite as Nitrogen by Method EPA 300.0 (mg/L)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023		1.2	5.8	0.42		
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023		0.66	5.7 J	0.41		
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023		0.63	5.6 J	0.42		
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023		< 0.50 U	5.9	0.44		
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023		0.89	6	0.41		
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023		16	5.7 J	0.4		
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023		8.6	5.7 J	0.4		
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023		8.7	5.8 J	0.4		
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023		0.65	5.5 J	0.41		
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023		0.91	5.6 J	0.42		
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023		0.81	5.4 J	0.42		
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023		0.67	5.7 J	0.41		
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023		0.71	5.7 J	0.41		
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023		< 0.50 U	5.6 J	0.42		
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023		1.7	5.9	0.42		
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023		1.7	5.7	0.42		
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023		1.8	6	0.42		
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023		0.89	5.8	0.43		
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023		0.86	6	0.43		
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023		0.76	5.8	0.42		
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023		0.67	6.1	0.43		
R-19	R-19-Q423	N	R		Surface Water	11/16/2023		1.8	5.7 J	0.41		
R-28	R-28-Q423	N	R		Surface Water	11/15/2023		2.8	6.1	0.4		
R63	R63-Q423	N	R		Surface Water	11/15/2023	29 J	9.4	5.6	0.38	0.42	< 0.50 U
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	29 J	10	6	0.38	0.41	< 0.50 U
RRB	RRB-Q423	N	R		Surface Water	11/16/2023		7.9	5.8 J	0.42		
SW1	SW1-Q423	N	R		Surface Water	11/15/2023		2.9	5.8	0.41		
SW2	SW2-Q423	N	R		Surface Water	11/15/2023		2.5	5.6	0.4		

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RCM 2023-11 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Non-volatile organic carbon by Method SM 5310 C (mg/L)	Potassium, dissolved by Method SW 6010B (mg/L)	Selenium, dissolved by Method SW 6020 (µg/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)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023			1.9			
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023			1.9			
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023			1.9			
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023			1.9			
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023			2.2			
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023			1.7			
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023			1.8			
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023			1.8			
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023			1.7			
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023			1.8			
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023			1.9			
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023			1.8			
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023			2			
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023			2			
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023			2.2			
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023			2			
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023			1.8			
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023			1.8			
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023			2.1			
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023			1.8			
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023			2			
R-19	R-19-Q423	N	R		Surface Water	11/16/2023			1.9			
R-28	R-28-Q423	N	R		Surface Water	11/15/2023			2			
R63	R63-Q423	N	R		Surface Water	11/15/2023	2.7	5.9	1.5	130 J	250	710
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	2.7	6	1.7	130 J	250	710
RRB	RRB-Q423	N	R		Surface Water	11/16/2023			2			
SW1	SW1-Q423	N	R		Surface Water	11/15/2023			1.9			
SW2	SW2-Q423	N	R		Surface Water	11/15/2023			1.9			

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RCM 2023-11 SURFACEWAT Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Total organic carbon by Method SM 5310 C (mg/L)	Vanadium, dissolved by Method SW 6020 (µg/L)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023		
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023		
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023		
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023		
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023		
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023		
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023		
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023		
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023		
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023		
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023		
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023		
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023		
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023		
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023		
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023		
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023		
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023		
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023		
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023		
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023		
R-19	R-19-Q423	N	R		Surface Water	11/16/2023		
R-28	R-28-Q423	N	R		Surface Water	11/15/2023		
R63	R63-Q423	N	R		Surface Water	11/15/2023	2.7	2.5
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	2.7	2.7
RRB	RRB-Q423	N	R		Surface Water	11/16/2023		
SW1	SW1-Q423	N	R		Surface Water	11/15/2023		
SW2	SW2-Q423	N	R		Surface Water	11/15/2023		

Notes:
All samples were sent to Asset Laboratories for analyses with the exception of Ammonia as Nitrogen, Nitrate/Nitrite as Nitrogen and Total Organic Carbon which were analzyed by BC Labs.
< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter
EPA = Environmental Protection Agency
GW = groundwater
mg/L = milligrams per liter
N = Normal
R = river sample
SW = solid waste

RCM 2023-12 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Arsenic, dissolved by Method SW 6020 (µg/L)	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	Manganese, dissolved by Method SW 6020 (µg/L)	Molybdenum, dissolved by Method SW 6020 (µg/L)	Nitrate (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)
MW-67-185	MW-67-185-1223	N	LF		GW	12/14/2023		230	230	470	23	32		170
MW-68-180	MW-68-180-1223	N	LF		GW	12/14/2023		13000	13000		51			
MW-74-240	MW-74-240-Q423	N	LF		GW	12/14/2023	9.5 J	0.22	< 1.0 U	9.6	66	0.56		< 0.50 U
MW-95-113	MW-95-113-Q423	N	LF		GW	12/14/2023	1.5 J	2.6	3.4	9.1	4.3	5.5	6.2	5.1
MW-95-113	MW-936-Q423	FD		MW-95-113-Q423	GW	12/14/2023	1.5 J	2.6	3.2	9.6	4.1	5.5	6.1	5.3
MW-95-157	MW-95-157-Q423	N	LF		GW	12/14/2023	< 0.10 UJ	10	13	4.6	15	6.1	6.7	5.7
PGE-08	PGE-08-Q423	N	3V		GW	12/14/2023	< 0.10 UJ	< 1.0 U	< 1.0 U	590				

Notes:
All samples were sent to Asset Laboratories for analyses with the exception of Nitrate/Nitrite as Nitrogen by Method EPA 353.2 which was analyzed at BC Labs.
< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter
3V = three volume
EPA = Environmental Protection Agency
FD = field duplicate
GW = groundwater
LF = low flow
mg/L = milligrams per liter
N = Normal
SW = solid waste

PG&E Topock Sample Results Summary Between 01/01/2024 and 01/31/2024
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Location ID	Sample ID	Sample Date	Sample Type	Validated	Arsenic (µg/L)	Arsenic, dissolved (µg/L)	Barium (µg/L)	Barium, dissolved (µg/L)	Boron (µg/L)	Chromium, Hexavalent (µg/L)	Chromium, total (µg/L)	Chromium, total dissolved (µg/L)	Iron (µg/L)	Iron, dissolved (µg/L)
MW-20-070	MW-20-070-0124	01/11/2024	N	N	--	1	--	31	--	520	--	--	--	ND (20)
MW-20-100	MW-20-100-0124	01/11/2024	N	N	--	0.44	--	33	--	1,800	--	--	--	ND (20)
MW-20-130	MW-20-130-0124	01/11/2024	N	N	--	ND (0.1)	--	25	--	2,400	--	--	--	ND (20)
MW-21	MW-21-0124	01/11/2024	N	N	--	6.1	--	67	--	0.26	--	--	--	400
MW-26	MW-26-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-30-050	MW-30-050-0124	01/09/2024	N	N	3.4	3.4	22	22	--	ND (0.039)	--	--	90	90
MW-30-050	MW-901-Q124	01/09/2024	FD	N	3.7	3.7	23	23	--	ND (0.039)	--	--	99	99
MW-31-060	MW-31-060-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	370	370	--	ND (0.19)	--	--	240	240
MW-31-135	MW-31-135-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	41	41	--	16	--	--	ND (13)	ND (20)
MW-34-080	MW-34-080-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-36-090	MW-36-090-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-36-100	MW-36-100-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-39-040	MW-39-040-0124	01/09/2024	N	N	15	15	120	120	--	ND (0.039)	--	--	370	370
MW-39-050	MW-39-050-0124	01/09/2024	N	N	1.7	1.8	48	48	--	ND (0.039)	--	--	29	29
MW-39-060	MW-39-060-0124	01/09/2024	N	N	1.9	1.9	26	26	--	ND (0.039)	--	--	22	22
MW-39-070	MW-39-070-0124	01/09/2024	N	N	0.75	0.74	46	46	--	4.3	--	--	ND (13)	ND (20)
MW-39-080	MW-39-080-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	36	36	--	11	--	--	ND (13)	ND (20)
MW-39-100	MW-39-100-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	35	35	--	14	--	--	ND (13)	ND (20)
MW-44-115	MW-44-115-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-44-125	MW-44-125-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-45-095a	MW-45-095a-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-51	MW-51-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-67-185	MW-67-185-0124	01/11/2024	N	N	--	--	--	--	--	240	--	260	--	--
MW-67-185	MW-905-Q124	01/11/2024	FD	N	--	--	--	--	--	240	--	260	--	--
MW-68-180	MW-68-180-0124	01/11/2024	N	N	--	--	--	--	--	16,000	--	15,000	--	--
MW-71-035	MW-71-035-0124	01/11/2024	N	N	--	ND (0.1)	--	35	--	ND (0.2)	--	--	--	ND (20)
MW-71-035	MW-902-Q124	01/11/2024	FD	N	--	ND (0.1)	--	36	--	ND (0.2)	--	--	--	ND (20)
MW-76-039	MW-76-039-0124	01/08/2024	N	Y	--	ND (0.1 J)	--	150	--	8.1	--	--	--	28
MW-76-156	MW-76-156-0124	01/08/2024	N	Y	--	ND (0.1 J)	--	48	--	9.1	--	--	--	ND (20)
MW-76-181	MW-76-181-0124	01/08/2024	N	Y	--	ND (0.1 J)	--	33	--	1.4	--	--	--	24
MW-76-218	MW-76-218-0124	01/08/2024	N	Y	--	2 J	--	36	--	18	--	--	--	ND (20)
MW-77-046	MW-77-046-0124	01/08/2024	N	Y	--	ND (0.1 J)	--	120	--	ND (1.0)	--	--	--	250
MW-77-102	MW-77-102-0124	01/08/2024	N	Y	--	ND (0.1 J)	--	53	--	1.6	--	--	--	39
MW-77-158	MW-77-158-0124	01/08/2024	N	Y	--	ND (0.1 J)	--	39	--	ND (1.0)	--	--	--	54
MW-77-187	MW-77-187-0124	01/08/2024	N	Y	--	2.6 J	--	27	--	ND (0.2)	--	--	--	35
MW-78-070	MW-78-070-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-78-070	MW-903-Q124	01/10/2024	FD	N	--	--	--	--	--	--	--	--	--	--
MW-78-142	MW-78-142-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-79-058	MW-79-058-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--

PG&E Topock Sample Results Summary Between 01/01/2024 and 01/31/2024
Date/Time of Table Download: 03/04/2024; 1353

Location ID	Sample ID	Sample Date	Sample Type	Validated	Manganese (µg/L)	Manganese, dissolved (µg/L)	Molybdenum (µg/L)	Nitrate (as nitrogen) (mg/L)	Selenium (µg/L)	Sulfate (mg/L)	Total dissolved solids (mg/L)	Total organic carbon (mg/L)
MW-20-070	MW-20-070-0124	01/11/2024	N	N	--	0.89	--	15	--	450	--	2.8
MW-20-100	MW-20-100-0124	01/11/2024	N	N	--	0.92	--	5	--	370	--	1.7
MW-20-130	MW-20-130-0124	01/11/2024	N	N	--	2	--	5.3	--	740	--	1.4
MW-21	MW-21-0124	01/11/2024	N	N	--	660	--	ND (0.5)	--	920	--	6.2
MW-26	MW-26-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.7
MW-30-050	MW-30-050-0124	01/09/2024	N	N	360	360	--	ND (0.12)	--	210	--	2.5
MW-30-050	MW-901-Q124	01/09/2024	FD	N	390	390	--	ND (0.12)	--	210	--	2.6
MW-31-060	MW-31-060-0124	01/09/2024	N	N	1,700	1,700	--	ND (0.24)	--	470	--	1.4
MW-31-135	MW-31-135-0124	01/09/2024	N	N	24	24	--	ND (0.24)	--	460	--	3
MW-34-080	MW-34-080-0124	01/10/2024	N	N	--	--	--	--	--	--	--	2.3
MW-36-090	MW-36-090-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.5
MW-36-100	MW-36-100-0124	01/10/2024	N	N	--	--	--	--	--	--	--	4.1
MW-39-040	MW-39-040-0124	01/09/2024	N	N	140	140	--	ND (0.12)	--	160	--	11
MW-39-050	MW-39-050-0124	01/09/2024	N	N	230	230	--	ND (0.12)	--	200	--	2.1
MW-39-060	MW-39-060-0124	01/09/2024	N	N	140	140	--	ND (0.12)	--	200	--	2.8
MW-39-070	MW-39-070-0124	01/09/2024	N	N	18	18	--	2.9	--	390	--	1.7
MW-39-080	MW-39-080-0124	01/09/2024	N	N	4.8	4.8	--	8	--	690	--	2.9
MW-39-100	MW-39-100-0124	01/09/2024	N	N	10	10	--	ND (0.24)	--	760	--	2.1
MW-44-115	MW-44-115-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.9
MW-44-125	MW-44-125-0124	01/10/2024	N	N	--	--	--	--	--	--	--	2.2
MW-45-095a	MW-45-095a-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.7
MW-51	MW-51-0124	01/10/2024	N	N	--	--	--	--	--	--	--	3.8
MW-67-185	MW-67-185-0124	01/11/2024	N	N	--	130	19	34	130	--	--	--
MW-67-185	MW-905-Q124	01/11/2024	FD	N	--	130	19	34	130	--	--	--
MW-68-180	MW-68-180-0124	01/11/2024	N	N	--	--	47	--	--	--	--	--
MW-71-035	MW-71-035-0124	01/11/2024	N	N	--	31	--	1.3	--	610	--	3.2
MW-71-035	MW-902-Q124	01/11/2024	FD	N	--	32	--	1.3	--	610	--	4
MW-76-039	MW-76-039-0124	01/08/2024	N	Y	--	ND (0.5)	--	ND (0.5)	--	390	--	1.6
MW-76-156	MW-76-156-0124	01/08/2024	N	Y	--	31	--	1.2	--	700	--	3
MW-76-181	MW-76-181-0124	01/08/2024	N	Y	--	51	--	ND (0.5)	--	450	--	3.2
MW-76-218	MW-76-218-0124	01/08/2024	N	Y	--	42	--	ND (0.5)	--	560	--	2.1
MW-77-046	MW-77-046-0124	01/08/2024	N	Y	--	610	--	ND (0.5)	--	890	--	7.1
MW-77-102	MW-77-102-0124	01/08/2024	N	Y	--	27	--	0.89	--	600	--	1.4
MW-77-158	MW-77-158-0124	01/08/2024	N	Y	--	36	--	ND (0.5)	--	370	--	2.1
MW-77-187	MW-77-187-0124	01/08/2024	N	Y	--	36	--	ND (0.5)	--	290	--	2.5
MW-78-070	MW-78-070-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.7
MW-78-070	MW-903-Q124	01/10/2024	FD	N	--	--	--	--	--	--	--	1.5
MW-78-142	MW-78-142-0124	01/10/2024	N	N	--	--	--	--	--	--	--	11
MW-79-058	MW-79-058-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.5

PG&E Topock Sample Results Summary Between 01/01/2024 and 01/31/2024
Date/Time of Table Download: 03/04/2024; 1353

Location ID	Sample ID	Sample Date	Sample Type	Validated	Arsenic (µg/L)	Arsenic, dissolved (µg/L)	Barium (µg/L)	Barium, dissolved (µg/L)	Boron (µg/L)	Chromium, Hexavalent (µg/L)	Chromium, total (µg/L)	Chromium, total dissolved (µg/L)	Iron (µg/L)	Iron, dissolved (µg/L)
MW-79-102	MW-79-102-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-80-057	MW-80-057-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-80-082	MW-80-082-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-81-043	MW-81-043-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-81-098	MW-81-098-0124	01/10/2024	N	N	--	--	--	--	--	--	--	--	--	--
MW-82-046	MW-82-046-0124	01/09/2024	N	N	4.9	4.9	66	66	--	ND (0.19)	--	--	4,000	4,000
MW-82-168	MW-82-168-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	28	28	--	ND (0.039)	--	--	74	74
MW-82-198	MW-82-198-0124	01/09/2024	N	N	0.54	0.54	43	43	--	ND (0.19)	--	--	26	26
MW-87-109	MW-87-109-0124	01/10/2024	N	Y	--	--	--	--	--	27	--	27	--	--
P2	P2-WEST-P-0124	01/08/2024	N	Y	--	--	--	--	18,000 J	--	--	--	--	--
POND-2	POND-2-P-0124	01/08/2024	N	Y	--	--	--	--	75,000 J	--	--	--	--	--
PT5D	MW-904-Q124	01/09/2024	FD	N	ND (0.05)	ND (0.1)	23	23	--	44	--	--	ND (13)	ND (20)
PT5D	PT5D-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	23	23	--	44	--	--	ND (13)	ND (20)
PT6D	PT6D-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	40	40	--	8	--	--	31	31
PTI-1D	PTI-1D-012408	01/08/2024	N	Y	--	--	--	--	--	3.2	--	--	190	130
RPWC_EFF	RPWC_EFF-20240104	01/04/2024	N	Y	--	--	--	--	--	ND (0.039)	9.9	--	270	--
RPWC_EFF	RPWC_EFF-20240109	01/09/2024	N	Y	--	--	--	--	--	ND (0.2)	6.5	--	--	150
RPWC_INF	RPWC_INF-20240104	01/04/2024	N	Y	--	--	--	--	--	ND (0.039)	11	--	170	--
RPWC_INF	RPWC_INF-20240109	01/09/2024	N	Y	--	--	--	--	--	ND (0.2)	9.3	--	--	160
RPWC_MID	RPWC_MID-20240104	01/04/2024	N	Y	--	--	--	--	--	0.46	15	--	600	--
RPWC_MID	RPWC_MID-20240109	01/09/2024	N	Y	--	--	--	--	--	0.42	9.5	--	--	500
TW-02D	TW-02D-0124	01/09/2024	N	N	3.5	3.5	14	14	--	1.6	--	--	21	21
TW-02S	TW-02S-0124	01/09/2024	N	N	ND (0.05)	ND (0.1)	150	150	--	24	--	--	ND (13)	ND (20)
TW-03D	TW-03D-0124	01/09/2024	N	N	1.9	1.9	37	37	--	7.4	--	--	ND (13)	ND (20)

Acronyms and Abbreviations:

-- = not applicable or not available
µg/L = micrograms per liter
µS/cm - microsiemens per centimeter
0/00 = parts per thousand
CaCO3 = calcium carbonate
CFU/mL = colony forming unit per milliliter
DEGC = degrees celsius
FD = field duplicate
ID = identification
J = estimated value
mg/L = milligram per liter
N = Normal
ND = not detected (at laboratory limit shown)
PG&E = Pacific Gas & Electric Corporation

PG&E Topock Sample Results Summary Between 01/01/2024 and 01/31/2024
Date/Time of Table Download: 03/04/2024; 1353

Location ID	Sample ID	Sample Date	Sample Type	Validated	Manganese (µg/L)	Manganese, dissolved (µg/L)	Molybdenum (µg/L)	Nitrate (as nitrogen) (mg/L)	Selenium (µg/L)	Sulfate (mg/L)	Total dissolved solids (mg/L)	Total organic carbon (mg/L)
MW-79-102	MW-79-102-0124	01/10/2024	N	N	--	--	--	--	--	--	--	2.6
MW-80-057	MW-80-057-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.8
MW-80-082	MW-80-082-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.7
MW-81-043	MW-81-043-0124	01/10/2024	N	N	--	--	--	--	--	--	--	3.2
MW-81-098	MW-81-098-0124	01/10/2024	N	N	--	--	--	--	--	--	--	1.1
MW-82-046	MW-82-046-0124	01/09/2024	N	N	160	160	--	ND (0.24)	--	2,100	--	28
MW-82-168	MW-82-168-0124	01/09/2024	N	N	42	42	--	ND (0.24)	--	370	--	1
MW-82-198	MW-82-198-0124	01/09/2024	N	N	28	28	--	ND (0.24)	--	360	--	2.5
MW-87-109	MW-87-109-0124	01/10/2024	N	Y	--	--	--	--	--	--	--	--
P2	P2-WEST-P-0124	01/08/2024	N	Y	--	--	7,900 J	--	--	--	19,000	--
POND-2	POND-2-P-0124	01/08/2024	N	Y	--	--	27,000 J	--	--	--	98,000	--
PT5D	MW-904-Q124	01/09/2024	FD	N	22	22	--	0.59	--	880	--	2.7
PT5D	PT5D-0124	01/09/2024	N	N	20	20	--	0.58	--	890	--	2.8
PT6D	PT6D-0124	01/09/2024	N	N	7	7	--	0.66	--	490	--	1.9
PTI-1D	PTI-1D-012408	01/08/2024	N	Y	840 J	880	--	--	--	--	--	--
RPWC_EFF	RPWC_EFF-20240104	01/04/2024	N	Y	1,300	--	--	--	--	--	--	--
RPWC_EFF	RPWC_EFF-20240109	01/09/2024	N	Y	--	1,100	--	--	--	--	--	--
RPWC_INF	RPWC_INF-20240104	01/04/2024	N	Y	1,300	--	--	--	--	--	--	--
RPWC_INF	RPWC_INF-20240109	01/09/2024	N	Y	--	1,100	--	--	--	--	--	--
RPWC_MID	RPWC_MID-20240104	01/04/2024	N	Y	1,400	--	--	--	--	--	--	--
RPWC_MID	RPWC_MID-20240109	01/09/2024	N	Y	--	1,300	--	--	--	--	--	--
TW-02D	TW-02D-0124	01/09/2024	N	N	40	40	--	ND (0.24)	--	350	--	1.3
TW-02S	TW-02S-0124	01/09/2024	N	N	ND (0.026)	ND (0.5)	--	ND (0.24)	--	290	--	1.5
TW-03D	TW-03D-0124	01/09/2024	N	N	23	23	--	ND (0.24)	--	350	--	1.2

Acronyms and Abbreviations:

-- = not applicable or not available
µg/L = micrograms per liter
µS/cm - microsiemens per centimeter
0/00 = parts per thousand
CaCO3 = calcium carbonate
CFU/mL = colony forming unit per milliliter
DEGC = degrees celsius
FD = field duplicate
ID = identification
J = estimated value
mg/L = milligram per liter
N = Normal
ND = not detected (at laboratory limit shown)
PG&E = Pacific Gas & Electric Corporation