Unvalidated 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 U	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

Unvalidated 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)	Chromium, total dissolved by Method SW 6020 (µg/L)
ER-01	ER-01-1123	N	3V	GW	11/29/2023								280	280
ER-02	ER-02-1123	N	3V	GW	11/29/2023								15	25
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	< 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	< 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	2

Notes:

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

Unvalidated As-Needed 2023-11

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	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)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)	Nitrate/Nitrite as Nitrogen by Method EPA 353.2 (mg/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	6		68	2.6		1200	86	< 0.50 U	< 0.10 U
ER-04	ER-04-1123	N	3V	GW	11/29/2023	5.9		310	3.7		730	100	< 0.50 U	< 0.10 U
PT6D	PT6D-1123	N	LF	GW	11/10/2023			< 20 U			15		0.53	
PTI-1D	PTI-1D-110223	N	EP	GW	11/2/2023		1300	1100		5000	4200			
TWB-01	TWB-01-1123	N	3V	GW	11/29/2023									

Notes:

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

Unvalidated As-Needed 2023-11

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	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)	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						6500		
ER-02	ER-02-1123	N	3V	GW	11/29/2023						5200		
ER-03	ER-03-1123	N	3V	GW	11/29/2023	< 5.0 UJ	40	< 0.50 U	4200	720	12000	1.3	< 1.0 U
ER-04	ER-04-1123	N	3V	GW	11/29/2023	< 5.0 UJ	40	< 0.50 U	4100	700	12000	1.1	< 1.0 U
PT6D	PT6D-1123	N	LF	GW	11/10/2023					610		< 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						6900		

Notes:

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

Unvalidated 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)	Nitrate (as nitrogen) by Method EPA 300.0 (mg/L)
PT6D	PT6D-1223	N	LF	GW	12/14/2023	< 0.10 U	60	48		< 20 U		13	2.4
PTI-1D	PTI-1D-122312	N	EP	GW	12/12/2023			1.2	1900	190	1200	990	

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

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

Unvalidated As-Needed 2023-12

Location ID	Sample ID	Sample Type	Sample Method	Matrix	Sample Date	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	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

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

Unvalidated Hyd6 2023-11 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Deuterium by Method CF-IRMS (0/00)	Oxygen 18 by Method CF-IRMS (0/00)
HNWR-01A-098	HNWR-01A-98-Q423	N	LF		GW	11/16/2023	-73.8	-10.05
HNWR-01A-174	HNWR-01A-174-Q423	N	LF		GW	11/16/2023	-74.6	-10.09
MTS-1	MTS-1-Q423	N	EP		GW	11/14/2023	-75.8	-10.02
MTS-2	MTS-2-Q423	N	EP		GW	11/14/2023	-74.2	-10.01
MTS-2	MW-901-Q423	FD		MTS-2-Q423	GW	11/14/2023	-74.8	-10
MW-94-030	MW-94-030-Q423	N	LF		GW	11/14/2023	-71.6	-9.46
MW-94-100	MW-94-100-Q423	N	LF		GW	11/14/2023	-72.4	-9.74
MW-94-175	MW-94-175-Q423	N	LF		GW	11/14/2023	-74.1	-10.02
MW-99-060	MW-99-060-Q423	N	LF		Sump Water	11/15/2023	-71.5	-9.58
MW-99-140	MW-99-140-Q423	N	LF		Sump Water	11/15/2023	-72.1	-9.82
PGE-09N	PGE-09N-Q423	N	LF		Sump Water	11/15/2023	-76.8	-9.77
PGE-09S	PGE-09S-Q423	N	LF		Sump Water	11/15/2023	-76	-9.89
Site B-165	SITE B-165-Q423	N	LF		GW	11/16/2023	-75.3	-10.21
Site B-220	SITE B-220-Q423	N	LF		GW	11/16/2023	-76.4	-10.21
Site B-285	SITE B-285-Q423	N	LF		GW	11/16/2023	-75.5	-10.22
TOPOCK-2	TOPOCK-2-Q423	N	EP		GW	11/30/2023	-74.3	-9.94
TOPOCK-3	TOPOCK-3-Q423	N	EP		GW	11/30/2023	-74.8	-9.83
TOPOCK-3	MW-902-Q423	FD		TOPOCK-3-Q423	GW	11/30/2023	-75.6	-9.83

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

Unvalidated 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	1.2	150	2100	0.51
CW-01M	CW-01M-Q423	N	LF		GW	12/13/2023	70	< 0.10 U	81	1.2	180	2200	0.63
CW-02D	CW-02D-Q423	N	LF		GW	12/13/2023	73	< 0.10 U	18	1.2	110	2200	1
CW-02D	MW-903-Q423	FD		CW-02D-Q423	GW	12/13/2023	69	< 0.10 U	17	1.2	110	2500	1.1
CW-02M	CW-02M-Q423	N	LF		GW	12/13/2023	60	< 0.10 U	68	1.3	160	2900	1.1
CW-03D	CW-03D-Q423	N	LF		GW	12/13/2023	69	< 0.10 U	20	1.2	83	2200	0.34
CW-03M	CW-03M-Q423	N	LF		GW	12/13/2023	54	< 0.10 U	37	1.4	160	2100	2.1
CW-04D	CW-04D-Q423	N	LF		GW	12/13/2023	53	< 0.10 U	21	1.3	130	2500	0.83
CW-04M	CW-04M-Q423	N	LF		GW	12/13/2023	56	< 0.10 U	100	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	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	0.62	90	820	22
OW-02S	MW-904-Q423	FD		OW-02S-Q423	GW	12/13/2023	74	0.13	90	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	0.31	330	1300	14

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

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

Unvalidated 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	9	26	8.2	14
CW-01M	CW-01M-Q423	N	LF		GW	12/13/2023	< 1.0 U	2.2	13	< 0.50 U	18	2.7	15
CW-02D	CW-02D-Q423	N	LF		GW	12/13/2023	1.4	1.8	5.2	1.1	14	2.8	13
CW-02D	MW-903-Q423	FD		CW-02D-Q423	GW	12/13/2023	1.3	1.9	5.2	0.59	15	2.8	13
CW-02M	CW-02M-Q423	N	LF		GW	12/13/2023	1.3	2.7	11	1.1	13	2.8	14
CW-03D	CW-03D-Q423	N	LF		GW	12/13/2023	< 1.0 U	2.3	5.2	3.3	14	2.7	13
CW-03M	CW-03M-Q423	N	LF		GW	12/13/2023	2.6	4	11	< 0.50 U	39	2.7	14
CW-04D	CW-04D-Q423	N	LF		GW	12/13/2023	1.1	4.3	7.2	1.1	35	2.8	12
CW-04M	CW-04M-Q423	N	LF		GW	12/13/2023	2.7	2.1	14	0.57	11	2.7	14
OW-01D	OW-01D-Q423	N	LF		GW	12/12/2023	< 1.0 U	2.2	23	12	27	7	13
OW-01M	OW-01M-Q423	N	LF		GW	12/12/2023	1.4	2.1	26	< 0.50 U	22	5.6	15
OW-01S	OW-01S-Q423	N	LF		GW	12/13/2023	11	1.4	51	3.8	7.2	3.2	17
OW-02D	OW-02D-Q423	N	LF		GW	12/12/2023	< 1.0 U	2.5	27	< 0.50 U	24	7.8	15
OW-02M	OW-02M-Q423	N	LF		GW	12/12/2023	4.1	2.5	27	< 0.50 U	22	7.7	16
OW-02S	OW-02S-Q423	N	LF		GW	12/13/2023	23	3.3	11	0.7	29	5	9
OW-02S	MW-904-Q423	FD		OW-02S-Q423	GW	12/13/2023	24	3.4	12	< 0.50 U	29	4.8	9.4
OW-05D	OW-05D-Q423	N	LF		GW	12/12/2023	1.4	2.7	26	< 0.50 U	26	3.6	21
OW-05M	OW-05M-Q423	N	LF		GW	12/12/2023	1.1	2.5	25	< 0.50 U	25	8.5	15
OW-05S	OW-05S-Q423	N	LF		GW	12/13/2023	15	1.5	51	< 0.50 U	8.6	3.4	15

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

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

Unvalidated 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	500	4300	2.7
OW-01M	OW-01M-Q423	N	LF		GW	12/12/2023	6.6	1400	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	500	4600	1.9
OW-02M	OW-02M-Q423	N	LF		GW	12/12/2023	8.9	1400	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	490	4500	2.3
OW-05M	OW-05M-Q423	N	LF		GW	12/12/2023	9.1	1400	500	4500	2.2
OW-05S	OW-05S-Q423	N	LF		GW	12/13/2023	2.3	580	270	2700	2.7

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

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

Unvalidated 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 Weck Labs

< = analyte not detected at the reporting limit shown

Unvalidated 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

Unvalidated 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)
IRZ-23-143	IRZ-23-143-101223	N	EP		GW	10/12/2023			520	20	< 20 U	< 0.50 U	3
MW-20-070	MW-20-070-1023	N			GW	10/11/2023	0.81	42	750		< 20 U	< 0.50 U	19
MW-20-100	MW-20-100-1023	N			GW	10/11/2023	< 0.10 U	40	1000		< 20 U	< 0.50 U	8.5
MW-20-130	MW-20-130-1023	N			GW	10/11/2023	< 0.10 U	31	1600		< 20 U	< 0.50 U	6.6
MW-21	MW-21-1023	N			GW	10/11/2023	8.5	58	< 0.20 U		360	380	< 0.50 U
MW-26	MW-26-1023	N			GW	10/11/2023	< 0.10 U	75	< 0.20 U		32	840	< 0.50 U
MW-30-050	MW-30-050-1023	N			GW	10/11/2023	2.2	32	< 0.20 U		61	580	< 0.25 U
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
MW-31-135	MW-31-135-1023	N	LF		GW	10/12/2023	< 0.10 U	37	18		320	26	< 0.50 U
MW-31-135	MW-906-Q423	FD		MW-31-135-1023	GW	10/12/2023	< 0.10 U	36	16		190	23	< 0.50 U
MW-34-080	MW-34-080-1023	N			GW	10/11/2023	< 0.10 U	39	< 0.20 U		240	180	< 0.50 U
MW-36-090	MW-36-090-1023	N			GW	10/11/2023	< 0.10 U	76	< 0.20 U		60	280	< 0.50 U
MW-36-100	MW-36-100-1023	N			GW	10/11/2023	0.41	78	0.76		530	630	< 0.50 U
MW-39-040	MW-39-040-1023	N	LF		GW	10/10/2023	12	88	< 0.20 U		310	110	< 0.25 U
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
MW-39-060	MW-39-060-1023	N	LF		GW	10/10/2023	2	28	< 0.20 U		120	140	< 0.25 U
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
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
MW-39-100	MW-39-100-1023	N	LF		GW	10/10/2023	< 0.10 U	34	120		96	6.9	< 0.50 U
MW-44-115	MW-44-115-1023	N			GW	10/11/2023	< 0.10 U	27	5.7		38	50	0.64
MW-44-125	MW-44-125-1023	N			GW	10/11/2023	< 0.10 U	48	< 1.0 U		34	460	< 0.50 U
MW-45-095a	MW-45-095A-1023	N			GW	10/11/2023	< 0.10 U	28	1.3		< 20 U	48	< 0.50 U
MW-51	MW-51-1023	N			GW	10/11/2023	0.58	91	0.58		250	710	< 0.50 U
MW-71-035	MW-71-035-1023	N	LF		GW	10/10/2023	< 0.10 U	38	0.56		31	24	0.9
MW-76-039	MW-76-039-1023	N	LF		GW	10/9/2023	< 0.10 U	150	12		34	< 0.50 U	< 0.50 U
MW-76-156	MW-76-156-1023	N	LF		GW	10/9/2023	< 0.10 U	32	2.2		34	46	< 0.50 U
MW-76-181	MW-76-181-1023	N	LF		GW	10/9/2023	< 0.10 U	34	66		< 20 U	35	< 0.50 U
MW-76-181	MW-907-Q423	FD		MW-76-181-1023	GW	10/9/2023	< 0.10 U	34	67		25	34	< 0.50 U
MW-76-218	MW-76-218-1023	N	LF		GW	10/9/2023	1.1	33	< 1.0 U		41	43	< 0.50 U
MW-77-046	MW-77-046-1023	N			GW	10/11/2023	1.3	89	< 0.20 U		80	750	< 0.50 U
MW-77-102	MW-77-102-1023	N			GW	10/11/2023	< 0.10 U	53	1.1		21	42	0.72
MW-77-158	MW-77-158-1023	N			GW	10/11/2023	< 0.10 U	50	< 1.0 U		62	55	< 0.50 U
MW-77-187	MW-77-187-1023	N			GW	10/11/2023	4.5	27	0.29		< 20 U	50	< 0.50 U
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
MW-78-142	MW-78-142-1023	N	LF		GW	10/13/2023	< 0.10 U	31	1300		45	42	2
MW-79-058	MW-79-058-1023	N	LF		GW	10/12/2023	< 0.10 U	140	140		< 20 U	25	0.75
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
MW-79-102	MW-79-102-1023	N	LF		GW	10/12/2023	< 0.10 U	42	240		34	58	< 0.50 U
MW-80-057	MW-80-057-1023	N	LF		GW	10/12/2023	< 0.10 U	70	5		68	9.1	< 0.50 U
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
MW-81-043	MW-81-043-1023	N	LF		GW	10/10/2023	< 0.10 U	120	8.6		140	36	< 0.50 U
MW-81-098	MW-81-098-1023	N	LF		GW	10/10/2023	< 0.10 U	49	21		< 20 U	89	0.55
MW-82-046	MW-82-046-1023	N	LF		GW	10/10/2023	26	68	< 1.0 U		7100	460	< 0.50 U
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

Unvalidated PCM 2023-10 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)
IRZ-23-143	IRZ-23-143-101223	N	EP		GW	10/12/2023	460	
MW-20-070	MW-20-070-1023	N			GW	10/11/2023	450	0.84
MW-20-100	MW-20-100-1023	N			GW	10/11/2023	560	1.6
MW-20-130	MW-20-130-1023	N			GW	10/11/2023	1100	3.6
MW-21	MW-21-1023	N			GW	10/11/2023	900	6.5
MW-26	MW-26-1023	N			GW	10/11/2023	340	0.77
MW-30-050	MW-30-050-1023	N			GW	10/11/2023	220	1.4
MW-31-060	MW-31-060-1023	N	LF		GW	10/12/2023	300	2.1
MW-31-135	MW-31-135-1023	N	LF		GW	10/12/2023	470	0.53
MW-31-135	MW-906-Q423	FD		MW-31-135-1023	GW	10/12/2023	490	0.54
MW-34-080	MW-34-080-1023	N			GW	10/11/2023	730	1.2
MW-36-090	MW-36-090-1023	N			GW	10/11/2023	650	0.74
MW-36-100	MW-36-100-1023	N			GW	10/11/2023	620	0.81
MW-39-040	MW-39-040-1023	N	LF		GW	10/10/2023	160	4.8
MW-39-050	MW-39-050-1023	N	LF		GW	10/10/2023	190	1.2
MW-39-060	MW-39-060-1023	N	LF		GW	10/10/2023	200	1.1
MW-39-070	MW-39-070-1023	N	LF		GW	10/10/2023	590	0.87
MW-39-080	MW-39-080-1023	N	LF		GW	10/10/2023	820	0.88
MW-39-100	MW-39-100-1023	N	LF		GW	10/10/2023	890	1.5
MW-44-115	MW-44-115-1023	N			GW	10/11/2023	960	0.66
MW-44-125	MW-44-125-1023	N			GW	10/11/2023	930	0.53
MW-45-095a	MW-45-095A-1023	N			GW	10/11/2023	510	0.77
MW-51	MW-51-1023	N			GW	10/11/2023	270	6
MW-71-035	MW-71-035-1023	N	LF		GW	10/10/2023	680	1.8
MW-76-039	MW-76-039-1023	N	LF		GW	10/9/2023	420	0.5
MW-76-156	MW-76-156-1023	N	LF		GW	10/9/2023	400	0.59
MW-76-181	MW-76-181-1023	N	LF		GW	10/9/2023	480	0.73
MW-76-181	MW-907-Q423	FD		MW-76-181-1023	GW	10/9/2023	470	0.66
MW-76-218	MW-76-218-1023	N	LF		GW	10/9/2023	450	0.57
MW-77-046	MW-77-046-1023	N			GW	10/11/2023	300	0.86
MW-77-102	MW-77-102-1023	N			GW	10/11/2023	570	0.71
MW-77-158	MW-77-158-1023	N			GW	10/11/2023	370	0.56
MW-77-187	MW-77-187-1023	N			GW	10/11/2023	330	0.49
MW-78-070	MW-78-070-1023	N	LF		GW	10/13/2023	300	1.8
MW-78-142	MW-78-142-1023	N	LF		GW	10/13/2023	500	0.53
MW-79-058	MW-79-058-1023	N	LF		GW	10/12/2023	410	0.67
MW-79-058	MW-908-Q423	FD		MW-79-058-1023	GW	10/12/2023	410	0.75
MW-79-102	MW-79-102-1023	N	LF		GW	10/12/2023	410	0.85
MW-80-057	MW-80-057-1023	N	LF		GW	10/12/2023	350	0.58
MW-80-082	MW-80-082-1023	N	LF		GW	10/12/2023	360	0.69
MW-81-043	MW-81-043-1023	N	LF		GW	10/10/2023	290	0.48
MW-81-098	MW-81-098-1023	N	LF		GW	10/10/2023	610	0.53
MW-82-046	MW-82-046-1023	N	LF		GW	10/10/2023	1600	22
MW-82-168	MW-82-168-1023	N	LF		GW	10/10/2023	280	0.68

Unvalidated 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)
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
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
PT5D	PT5D-1023	N			WATER	10/11/2023	< 0.10 U	33	67		< 20 U	93	1.1
TW-02D	TW-02D-1023	N	LF		GW	10/10/2023	3.5	13	3.2		< 20 U	40	< 0.50 U
TW-02S	TW-02S-1023	N	LF		GW	10/10/2023	< 0.10 U	170	17		< 20 U	< 0.50 U	< 0.50 U
TW-03D	TW-03D-1023	N	LF		GW	10/10/2023	< 0.10 U	140	38		< 20 U	< 0.50 U	< 0.50 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 Weck Labs
< = 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
J = estimated value
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Unvalidated PCM 2023-10 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 B (mg/L)
MW-82-198	MW-82-198-1023	N	LF		GW	10/10/2023	420	0.48
MW-82-198	MW-909-Q423	FD		MW-82-198-1023	GW	10/10/2023	420	0.38
PT5D	PT5D-1023	N			WATER	10/11/2023	960	0.39
TW-02D	TW-02D-1023	N	LF		GW	10/10/2023	270	0.45
TW-02S	TW-02S-1023	N	LF		GW	10/10/2023	270	0.44
TW-03D	TW-03D-1023	N	LF		GW	10/10/2023	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

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

Unvalidated 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	11/08/2023	50	< 0.10 U	63	< 5.0 U	250000	2900	17
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/08/2023	69	< 0.10 U	25	< 5.0 U	280000	4700	230
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/08/2023	70	< 0.10 U	74	< 5.0 U	260000	2500	29
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/08/2023							2.3
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/08/2023							2.8
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/08/2023	120	< 0.10 U	71	< 5.0 U	290000	2500	520
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/08/2023							180
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/08/2023							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	11/07/2023		11	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	11/09/2023		< 0.10 U	86				< 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	11/09/2023		1.3	350				< 1.0 U
MW-30-050	MW-30-050-Q423	N	LF		GW	11/07/2023		2.5	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	11/08/2023		5.3	29				< 0.20 U
MW-34-080	MW-34-080-Q423	N	LF		GW	11/08/2023		< 0.10 U	37				< 0.20 U
MW-34-100	MW-34-100-Q423	N	LF		GW	11/08/2023		< 0.10 U	19				6.1
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/08/2023		< 0.10 U	19				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	11/08/2023		< 0.10 U	160				< 0.20 U
MW-36-040	MW-36-040-Q423	N	LF		GW	11/08/2023		6	85				< 0.20 U
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/08/2023		6	87				< 0.20 U
MW-36-050	MW-36-050-Q423	N	LF		GW	11/08/2023		5.6	53				< 0.20 U
MW-36-070	MW-36-070-Q423	N	LF		GW	11/08/2023		2	51				< 0.20 U

Unvalidated 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	11/08/2023	16	2.8	< 20 U	< 20 U	22000	1.9	1.6
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/08/2023	210	2.8	33	26	33000	2.9	0.64
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/08/2023	27	3.3	< 20 U	< 20 U	31000	0.96	< 0.50 U
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/08/2023				< 20 U			180
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/08/2023				37			49
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/08/2023	480	2.4	< 20 U	< 20 U	47000	< 0.50 U	< 0.50 U
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/08/2023				110			3.5
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/08/2023				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	11/07/2023	2.2			490			620
MW-22	MW-22-Q423	N	LF		GW	11/14/2023	< 1.0 U			16000			2800
MW-22	MW-910-Q423	FD		MW-22-Q423	GW	11/14/2023	< 1.0 U			16000			2600
MW-26	MW-26-Q423	N	LF		GW	11/09/2023	< 1.0 U			150			1400
MW-27-020	MW-27-020-Q423	N	LF		GW	11/27/2023	< 1.0 U			< 20 U			100
MW-27-060	MW-27-060-Q423	N	LF		GW	11/27/2023	< 1.0 U			660			360
MW-27-085	MW-27-085-Q423	N	LF		GW	11/27/2023	< 1.0 U			230			320
MW-27-085	MW-911-Q423	FD		MW-27-085-Q423	GW	11/27/2023	< 1.0 U			230			290
MW-28-025	MW-28-025-Q423	N	LF		GW	11/13/2023	< 1.0 U			< 20 U			< 0.50 U
MW-28-090	MW-28-090-Q423	N	LF		GW	11/13/2023	< 1.0 U			1000			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	11/09/2023	< 1.0 U			330			170
MW-30-050	MW-30-050-Q423	N	LF		GW	11/07/2023	< 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			420
MW-32-035	MW-32-035-Q423	N	LF		GW	11/14/2023	< 1.0 U			14000			1000
MW-32-035	MW-912-Q423	FD		MW-32-035-Q423	GW	11/14/2023	< 1.0 U			14000			980
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	11/08/2023	< 1.0 U			< 20 U			100
MW-34-080	MW-34-080-Q423	N	LF		GW	11/08/2023	< 1.0 U			880			170
MW-34-100	MW-34-100-Q423	N	LF		GW	11/08/2023	7.6			88			46
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/08/2023	7.3			78			45
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	11/08/2023	< 1.0 U			1500			350
MW-36-040	MW-36-040-Q423	N	LF		GW	11/08/2023	< 1.0 U			610			230
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/08/2023	< 1.0 U			640			240
MW-36-050	MW-36-050-Q423	N	LF		GW	11/08/2023	< 1.0 U			260			380
MW-36-070	MW-36-070-Q423	N	LF		GW	11/08/2023	< 1.0 U			47			380

Unvalidated 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)
IRZ-09-100	IRZ-09-100-Q423	N	EP		GW	11/08/2023	16	1.5		< 5.0 U	21000	0.76	1900000
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/08/2023	44	1.3		< 5.0 U	22000	< 0.50 U	4000000
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/08/2023	17	1.4		< 5.0 U	14000	0.99	1600000
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/08/2023		< 0.25 U					
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/08/2023		< 0.25 U					
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/08/2023	15	3		< 5.0 U	17000	5	1500000
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/08/2023		1.1					
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/08/2023		< 0.50 U					
MW-20-070	MW-20-070-Q423	N	LF		GW	11/10/2023	27	18				14	
MW-20-100	MW-20-100-Q423	N	LF		GW	11/10/2023	8.5	6.4				11	
MW-20-130	MW-20-130-Q423	N	LF		GW	11/10/2023	14	9.5				36	
MW-21	MW-21-Q423	N	LF		GW	11/07/2023	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	11/09/2023	6.6	< 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	11/09/2023	42	0.42				4.1	
MW-30-050	MW-30-050-Q423	N	LF		GW	11/07/2023	6.2	< 0.25 U				< 0.50 U	
MW-31-060	MW-31-060-Q423	N	LF		GW	11/10/2023	< 0.50 U	< 0.50 U				< 0.50 U	
MW-31-135	MW-31-135-Q423	N	LF		GW	11/10/2023	32	< 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	11/08/2023	4.2	< 0.25 U	0.13			< 0.50 U	
MW-34-080	MW-34-080-Q423	N	LF		GW	11/08/2023	21	< 0.50 U				< 0.50 U	
MW-34-100	MW-34-100-Q423	N	LF		GW	11/08/2023	55	< 0.25 U				< 0.50 U	
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/08/2023	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	11/08/2023	17	< 0.10 U				< 0.50 U	
MW-36-040	MW-36-040-Q423	N	LF		GW	11/08/2023	3.5	< 0.10 U				< 0.50 U	
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/08/2023	3.6	< 0.10 U				< 0.50 U	
MW-36-050	MW-36-050-Q423	N	LF		GW	11/08/2023	4.5	< 0.10 U				< 0.50 U	
MW-36-070	MW-36-070-Q423	N	LF		GW	11/08/2023	4.3	< 0.10 U				< 0.50 U	

Unvalidated 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)
IRZ-09-100	IRZ-09-100-Q423	N	EP		GW	11/08/2023	460	< 1.0 U
IRZ-13D-210	IRZ-13D-210-Q423	N	EP		GW	11/08/2023	740	< 1.0 U
IRZ-13S-095	IRZ-13S-095-Q423	N	EP		GW	11/08/2023	430	< 1.0 U
IRZ-21-065	IRZ-21-065-Q423	N	EP		GW	11/08/2023	320	< 1.0 U
IRZ-21-157	IRZ-21-157-Q423	N	EP		GW	11/08/2023	340	< 1.0 U
IRZ-23-143	IRZ-23-143-Q423	N	EP		GW	11/08/2023	460	< 1.0 U
IRZ-25-100	IRZ-25-100-Q423	N	EP		GW	11/08/2023	350	< 1.0 U
IRZ-25-166	IRZ-25-166-Q423	N	EP		GW	11/08/2023	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	11/07/2023	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	11/09/2023	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	11/09/2023		9.8
MW-30-050	MW-30-050-Q423	N	LF		GW	11/07/2023	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	11/08/2023		1.8
MW-34-080	MW-34-080-Q423	N	LF		GW	11/08/2023	750	1.3
MW-34-100	MW-34-100-Q423	N	LF		GW	11/08/2023		1.7
MW-34-100	MW-913-Q423	FD		MW-34-100-Q423	GW	11/08/2023		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	11/08/2023		13
MW-36-040	MW-36-040-Q423	N	LF		GW	11/08/2023		2.7
MW-36-040	MW-914-Q423	FD		MW-36-040-Q423	GW	11/08/2023		2.4
MW-36-050	MW-36-050-Q423	N	LF		GW	11/08/2023		1.9
MW-36-070	MW-36-070-Q423	N	LF		GW	11/08/2023		1.1

Unvalidated 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-36-090	MW-36-090-Q423	N	LF		GW	11/08/2023		< 0.10 U	76				< 0.20 U
MW-36-100	MW-36-100-Q423	N	LF		GW	11/08/2023		< 0.10 U	72				2.3
MW-39-040	MW-39-040-Q423	N	LF		GW	11/07/2023		11	100				< 0.20 U
MW-39-050	MW-39-050-Q423	N	LF		GW	11/07/2023		1.6	52				< 0.20 U
MW-39-060	MW-39-060-Q423	N	LF		GW	11/07/2023		2	31				< 0.20 U
MW-39-070	MW-39-070-Q423	N	LF		GW	11/07/2023		0.64	72				< 0.20 U
MW-39-080	MW-39-080-Q423	N	LF		GW	11/07/2023		< 0.10 U	54				3.4
MW-39-100	MW-39-100-Q423	N	LF		GW	11/07/2023		< 0.10 U	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	11/08/2023		3.3	62				< 0.20 U
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/08/2023		3.8	71				< 0.20 U
MW-44-115	MW-44-115-Q423	N	LF		GW	11/08/2023		< 0.10 U	30				32
MW-44-125	MW-44-125-Q423	N	LF		GW	11/08/2023		< 0.10 U	47				< 1.0 U
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/08/2023		< 0.10 U	27				1.3
MW-46-175	MW-46-175-Q423	N	LF		GW	11/16/2023		< 0.10 U	30				12
MW-46-175	MW-916-Q423	FD		MW-46-175-Q423	GW	11/16/2023		< 0.10 U	28				11
MW-46-205	MW-46-205-Q423	N	LF		GW	11/16/2023		< 0.10 U	35				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	11/09/2023		0.38	43				17
MW-52D	MW-52D-Q423	N	LF		GW	11/15/2023		< 0.10 U	34				< 1.0 U
MW-52D	MW-917-Q423	FD		MW-52D-Q423	GW	11/15/2023		< 0.10 U	37				< 1.0 U
MW-52M	MW-52M-Q423	N	LF		GW	11/15/2023		< 0.10 U	59				< 1.0 U
MW-52S	MW-52S-Q423	N	LF		GW	11/15/2023		< 0.10 U	880				< 1.0 U
MW-53D	MW-53D-Q423	N	LF		GW	11/15/2023		< 0.10 U	49				< 1.0 U
MW-53M	MW-53M-Q423	N	LF		GW	11/15/2023		< 0.10 U	78				< 1.0 U
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023		< 0.10 U	66				< 1.0 U
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023		< 0.10 U	210				< 0.20 U
MW-71-035	MW-71-035-Q423	N	LF		GW	11/07/2023		< 0.10 U	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	11/06/2023		< 0.10 U	120				13
MW-76-156	MW-76-156-Q423	N	LF		GW	11/06/2023		< 0.10 U	26				1.3

Unvalidated 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-36-090	MW-36-090-Q423	N	LF		GW	11/08/2023	< 1.0 U			68			190
MW-36-100	MW-36-100-Q423	N	LF		GW	11/08/2023	4.4			350			510
MW-39-040	MW-39-040-Q423	N	LF		GW	11/07/2023	< 1.0 U			160			130
MW-39-050	MW-39-050-Q423	N	LF		GW	11/07/2023	< 1.0 U			< 20 U			240
MW-39-060	MW-39-060-Q423	N	LF		GW	11/07/2023	< 1.0 U			< 20 U			160
MW-39-070	MW-39-070-Q423	N	LF		GW	11/07/2023	5.3			530			78
MW-39-080	MW-39-080-Q423	N	LF		GW	11/07/2023	3.2			< 20 U			7
MW-39-100	MW-39-100-Q423	N	LF		GW	11/07/2023	190			< 20 U			14
MW-42-030	MW-42-030-Q423	N	LF		GW	11/13/2023	< 1.0 U			840			200
MW-42-055	MW-42-055-Q423	N	LF		GW	11/13/2023	< 1.0 U			330			220
MW-42-065	MW-42-065-Q423	N	LF		GW	11/13/2023	< 1.0 U			68			1900
MW-43-025	MW-43-025-Q423	N	LF		GW	11/14/2023	< 1.0 U			5100			460
MW-43-075	MW-43-075-Q423	N	LF		GW	11/14/2023	< 1.0 U			3200			520
MW-43-090	MW-43-090-Q423	N	LF		GW	11/14/2023	< 1.0 U			1700			650
MW-44-070	MW-44-070-Q423	N	LF		GW	11/08/2023	< 1.0 U			1300			660
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/08/2023	< 1.0 U			1200			620
MW-44-115	MW-44-115-Q423	N	LF		GW	11/08/2023	31			< 20 U			11
MW-44-125	MW-44-125-Q423	N	LF		GW	11/08/2023	< 1.0 U			< 20 U			450
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/08/2023	2.5			< 20 U			35
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	11/09/2023	19			24			660
MW-52D	MW-52D-Q423	N	LF		GW	11/15/2023	< 1.0 U			680			260
MW-52D	MW-917-Q423	FD		MW-52D-Q423	GW	11/15/2023	< 1.0 U			710			270
MW-52M	MW-52M-Q423	N	LF		GW	11/15/2023	< 1.0 U			1500			200
MW-52S	MW-52S-Q423	N	LF		GW	11/15/2023	< 1.0 U			21000			1200
MW-53D	MW-53D-Q423	N	LF		GW	11/15/2023	< 1.0 U			200			1200
MW-53M	MW-53M-Q423	N	LF		GW	11/15/2023	< 1.0 U			2100			570
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023	< 1.0 U			590			490
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023	< 1.0 U			5000			1200
MW-71-035	MW-71-035-Q423	N	LF		GW	11/07/2023	< 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	11/06/2023	13			< 20 U			< 0.50 U
MW-76-156	MW-76-156-Q423	N	LF		GW	11/06/2023	1.1			< 20 U			36

Unvalidated 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	11/08/2023	13	1.6				< 0.50 U	
MW-36-100	MW-36-100-Q423	N	LF		GW	11/08/2023	18	< 0.50 U				< 0.50 U	
MW-39-040	MW-39-040-Q423	N	LF		GW	11/07/2023	11	< 0.25 U				< 0.50 U	
MW-39-050	MW-39-050-Q423	N	LF		GW	11/07/2023	4.6	< 0.25 U				< 0.50 U	
MW-39-060	MW-39-060-Q423	N	LF		GW	11/07/2023	5.7	< 0.25 U				< 0.50 U	
MW-39-070	MW-39-070-Q423	N	LF		GW	11/07/2023	7.5	< 0.50 U				< 0.50 U	
MW-39-080	MW-39-080-Q423	N	LF		GW	11/07/2023	11	< 0.50 U				< 0.50 U	
MW-39-100	MW-39-100-Q423	N	LF		GW	11/07/2023	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	11/08/2023	9.1	< 0.10 U				< 0.50 U	
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/08/2023	10	< 0.10 U				< 0.50 U	
MW-44-115	MW-44-115-Q423	N	LF		GW	11/08/2023	83	0.74				< 0.50 U	
MW-44-125	MW-44-125-Q423	N	LF		GW	11/08/2023	160	< 0.50 U				< 0.50 U	
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/08/2023	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	11/09/2023	50	< 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	< 0.50 U				< 0.50 U	
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023	62	< 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	11/07/2023	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	11/06/2023	9.1	0.56				< 0.50 U	
MW-76-156	MW-76-156-Q423	N	LF		GW	11/06/2023	13	< 0.50 U				< 0.50 U	

Unvalidated 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	11/08/2023	670	< 1.0 U
MW-36-100	MW-36-100-Q423	N	LF		GW	11/08/2023	660	< 1.0 U
MW-39-040	MW-39-040-Q423	N	LF		GW	11/07/2023	160	3.3
MW-39-050	MW-39-050-Q423	N	LF		GW	11/07/2023	200	1.1
MW-39-060	MW-39-060-Q423	N	LF		GW	11/07/2023	200	1.1
MW-39-070	MW-39-070-Q423	N	LF		GW	11/07/2023	310	1.1
MW-39-080	MW-39-080-Q423	N	LF		GW	11/07/2023	750	9.5
MW-39-100	MW-39-100-Q423	N	LF		GW	11/07/2023	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	11/08/2023		< 1.0 U
MW-44-070	MW-915-Q423	FD		MW-44-070-Q423	GW	11/08/2023		1.2
MW-44-115	MW-44-115-Q423	N	LF		GW	11/08/2023	980	< 1.0 U
MW-44-125	MW-44-125-Q423	N	LF		GW	11/08/2023	960	< 1.0 U
MW-45-095A	MW-45-095A-Q423	N	LF		GW	11/08/2023	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	11/09/2023	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
MW-53M	MW-918-Q423	FD		MW-53M-Q423	GW	11/15/2023		< 1.0 U
MW-53S	MW-53S-Q423	N	LF		GW	11/15/2023		2
MW-71-035	MW-71-035-Q423	N	LF		GW	11/07/2023	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	11/06/2023	440	< 1.0 U
MW-76-156	MW-76-156-Q423	N	LF		GW	11/06/2023	420	< 1.0 U

Unvalidated 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	11/06/2023		< 0.10 U	25				52
MW-76-218	MW-76-218-Q423	N	LF		GW	11/06/2023		0.63	21				< 1.0 U
MW-77-046	MW-77-046-Q423	N	LF		GW	11/06/2023		1	65				< 0.20 U
MW-77-102	MW-77-102-Q423	N	LF		GW	11/06/2023		< 0.10 U	41				< 1.0 U
MW-77-158	MW-77-158-Q423	N	LF		GW	11/06/2023		< 0.10 U	26				< 1.0 U
MW-77-187	MW-77-187-Q423	N	LF		GW	11/08/2023		3.3	21				1.8
MW-78-070	MW-78-070-Q423	N	LF		GW	11/09/2023		< 0.10 U	140				0.59
MW-78-142	MW-78-142-Q423	N	LF		GW	11/09/2023		< 0.10 U	29				590
MW-79-058	MW-79-058-Q423	N	LF		GW	11/09/2023		< 0.10 U	150				39
MW-79-102	MW-79-102-Q423	N	LF		GW	11/09/2023		< 0.10 U	46				180
MW-80-057	MW-80-057-Q423	N	LF		GW	11/09/2023		< 0.10 U	83				24
MW-80-082	MW-80-082-Q423	N	LF		GW	11/09/2023		< 0.10 U	44				4
MW-81-043	MW-81-043-Q423	N	LF		GW	11/08/2023		< 0.10 U	140				13
MW-81-098	MW-81-098-Q423	N	LF		GW	11/08/2023		< 0.10 U	77				1.2
MW-82-046	MW-82-046-Q423	N	LF		GW	11/07/2023		8.2	66				< 1.0 U
MW-82-112	MW-82-112-Q423	N	LF		GW	11/07/2023		< 0.10 U	58				< 1.0 U
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/07/2023		< 0.10 U	55				< 1.0 U
MW-82-168	MW-82-168-Q423	N	LF		GW	11/07/2023		< 0.10 U	38				< 1.0 U
MW-82-198	MW-82-198-Q423	N	LF		GW	11/07/2023		< 0.10 U	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	11/08/2023		< 0.10 U	29				160
PT5M	PT5M-Q423	N	LF		GW	11/15/2023		0.34	67				< 0.20 U
PT5S	PT5S-Q423	N	LF		GW	11/15/2023		14	110				< 0.20 U
TW-02D	TW-02D-Q423	N	LF		GW	11/07/2023		2.9	14				2
TW-02S	TW-02S-Q423	N	LF		GW	11/07/2023		< 0.10 U	170				12
TW-03D	TW-03D-Q423	N	LF		GW	11/07/2023		< 0.10 U	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 Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs
< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter

Unvalidated 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	11/06/2023	51			22			29
MW-76-218	MW-76-218-Q423	N	LF		GW	11/06/2023	< 1.0 U			< 20 U			30
MW-77-046	MW-77-046-Q423	N	LF		GW	11/06/2023	< 1.0 U			81			730
MW-77-102	MW-77-102-Q423	N	LF		GW	11/06/2023	< 1.0 U			36			46
MW-77-158	MW-77-158-Q423	N	LF		GW	11/06/2023	< 1.0 U			29			25
MW-77-187	MW-77-187-Q423	N	LF		GW	11/08/2023	2			< 20 U			20
MW-78-070	MW-78-070-Q423	N	LF		GW	11/09/2023	1.2			53			170
MW-78-142	MW-78-142-Q423	N	LF		GW	11/09/2023	660			27			2.2
MW-79-058	MW-79-058-Q423	N	LF		GW	11/09/2023	41			28			44
MW-79-102	MW-79-102-Q423	N	LF		GW	11/09/2023	220			38			58
MW-80-057	MW-80-057-Q423	N	LF		GW	11/09/2023	33			72			17
MW-80-082	MW-80-082-Q423	N	LF		GW	11/09/2023	6			28			420
MW-81-043	MW-81-043-Q423	N	LF		GW	11/08/2023	14			< 20 U			46
MW-81-098	MW-81-098-Q423	N	LF		GW	11/08/2023	2.2			33			120
MW-82-046	MW-82-046-Q423	N	LF		GW	11/07/2023	< 1.0 U			70			360
MW-82-112	MW-82-112-Q423	N	LF		GW	11/07/2023	< 1.0 U			35			150
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/07/2023	< 1.0 U			36			140
MW-82-168	MW-82-168-Q423	N	LF		GW	11/07/2023	< 1.0 U			54			60
MW-82-198	MW-82-198-Q423	N	LF		GW	11/07/2023	< 1.0 U			24			38
MW-86-030	MW-86-030-Q423	N	LF		GW	11/27/2023	< 1.0 U			490			380
MW-86-066	MW-86-066-Q423	N	LF		GW	11/27/2023	< 1.0 U			< 20 U			360
MW-86-120	MW-86-120-Q423	N	LF		GW	11/27/2023	< 1.0 U			240			500
MW-86-140	MW-86-140-Q423	N	LF		GW	11/27/2023	< 1.0 U			< 20 U			1200
MW-90-031	MW-90-031-Q423	N	LF		GW	11/14/2023	< 1.0 U			13000			640
MW-90-031	MW-920-Q423	FD		MW-90-031-Q423	GW	11/14/2023	< 1.0 U			14000			580
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	11/08/2023	160			< 20 U			15
PT5M	PT5M-Q423	N	LF		GW	11/15/2023	< 1.0 U			< 20 U			1700
PT5S	PT5S-Q423	N	LF		GW	11/15/2023	< 1.0 U			930			220
TW-02D	TW-02D-Q423	N	LF		GW	11/07/2023	2.2			< 20 U			31
TW-02S	TW-02S-Q423	N	LF		GW	11/07/2023	11			< 20 U			< 0.50 U
TW-03D	TW-03D-Q423	N	LF		GW	11/07/2023	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 Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs
< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter

Unvalidated 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	11/06/2023	38	< 0.50 U				< 0.50 U	
MW-76-218	MW-76-218-Q423	N	LF		GW	11/06/2023	65	< 0.50 U				< 0.50 U	
MW-77-046	MW-77-046-Q423	N	LF		GW	11/06/2023	30	< 0.50 U				< 0.50 U	
MW-77-102	MW-77-102-Q423	N	LF		GW	11/06/2023	9	0.76				< 0.50 U	
MW-77-158	MW-77-158-Q423	N	LF		GW	11/06/2023	7	< 0.50 U				< 0.50 U	
MW-77-187	MW-77-187-Q423	N	LF		GW	11/08/2023	160	< 0.50 U				< 0.50 U	
MW-78-070	MW-78-070-Q423	N	LF		GW	11/09/2023	3.5	< 0.50 U				< 0.50 U	
MW-78-142	MW-78-142-Q423	N	LF		GW	11/09/2023	15	0.89				4	
MW-79-058	MW-79-058-Q423	N	LF		GW	11/09/2023	4.6	< 0.50 U				< 0.50 U	
MW-79-102	MW-79-102-Q423	N	LF		GW	11/09/2023	44	0.52				0.74	
MW-80-057	MW-80-057-Q423	N	LF		GW	11/09/2023	13	0.58				0.63	
MW-80-082	MW-80-082-Q423	N	LF		GW	11/09/2023	34	< 0.50 U				< 0.50 U	
MW-81-043	MW-81-043-Q423	N	LF		GW	11/08/2023	15	< 0.50 U				2	
MW-81-098	MW-81-098-Q423	N	LF		GW	11/08/2023	5.1	0.84				< 0.50 U	
MW-82-046	MW-82-046-Q423	N	LF		GW	11/07/2023	41	< 0.50 U				< 0.50 U	
MW-82-112	MW-82-112-Q423	N	LF		GW	11/07/2023	26	1.2				< 0.50 U	
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/07/2023	24	1.3				< 0.50 U	
MW-82-168	MW-82-168-Q423	N	LF		GW	11/07/2023	11	< 0.50 U				< 0.50 U	
MW-82-198	MW-82-198-Q423	N	LF		GW	11/07/2023	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			0.62	
MW-90-031	MW-920-Q423	FD		MW-90-031-Q423	GW	11/14/2023	9.6	0.93	2.5			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	11/08/2023	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	11/07/2023	58	< 0.50 U				< 0.50 U	
TW-02S	TW-02S-Q423	N	LF		GW	11/07/2023	3	0.62				< 0.50 U	
TW-03D	TW-03D-Q423	N	LF		GW	11/07/2023	4.7	0.52				< 0.50 U	
TW-04	TW-04-Q423	N	LF		GW	11/30/2023							

Notes:
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< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter

Unvalidated 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	11/06/2023	490	< 1.0 U
MW-76-218	MW-76-218-Q423	N	LF		GW	11/06/2023	450	< 1.0 U
MW-77-046	MW-77-046-Q423	N	LF		GW	11/06/2023	290	3.8
MW-77-102	MW-77-102-Q423	N	LF		GW	11/06/2023	610	< 1.0 U
MW-77-158	MW-77-158-Q423	N	LF		GW	11/06/2023	340	1.3
MW-77-187	MW-77-187-Q423	N	LF		GW	11/08/2023	310	5.6
MW-78-070	MW-78-070-Q423	N	LF		GW	11/09/2023	330	< 1.0 U
MW-78-142	MW-78-142-Q423	N	LF		GW	11/09/2023	440	8.8
MW-79-058	MW-79-058-Q423	N	LF		GW	11/09/2023	370	< 1.0 U
MW-79-102	MW-79-102-Q423	N	LF		GW	11/09/2023	410	< 1.0 U
MW-80-057	MW-80-057-Q423	N	LF		GW	11/09/2023	400	< 1.0 U
MW-80-082	MW-80-082-Q423	N	LF		GW	11/09/2023	360	9.1
MW-81-043	MW-81-043-Q423	N	LF		GW	11/08/2023	340	< 1.0 U
MW-81-098	MW-81-098-Q423	N	LF		GW	11/08/2023	660	< 1.0 U
MW-82-046	MW-82-046-Q423	N	LF		GW	11/07/2023	1900	36
MW-82-112	MW-82-112-Q423	N	LF		GW	11/07/2023	710	< 1.0 U
MW-82-112	MW-919-Q423	FD		MW-82-112-Q423	GW	11/07/2023	710	< 1.0 U
MW-82-168	MW-82-168-Q423	N	LF		GW	11/07/2023	370	< 1.0 U
MW-82-198	MW-82-198-Q423	N	LF		GW	11/07/2023	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	11/08/2023	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	11/07/2023	330	< 1.0 U
TW-02S	TW-02S-Q423	N	LF		GW	11/07/2023	280	< 1.0 U
TW-03D	TW-03D-Q423	N	LF		GW	11/07/2023	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 Total Organic Carbon by SM 5310B which was analyzed by Enthalpy Labs
< = analyte not detected at the reporting limit shown

Acronyms and Abbreviations:
µg/L = micrograms per liter

Unvalidated 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)

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

Unvalidated 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)

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

Unvalidated 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)

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

Unvalidated 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)

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

Unvalidated 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)
MW-20-070	MW-20-070-1223	N			GW	12/13/2023	0.69	47	690		22	< 0.50 U	22
MW-20-100	MW-20-100-1223	N			GW	12/13/2023	0.45	32	1800		< 20 U	< 0.50 U	6.2
MW-20-130	MW-20-130-1223	N			GW	12/13/2023	< 0.10 U	29	2400		< 20 U	0.65	6.8
MW-21	MW-21-1223	N			GW	12/13/2023	8.6	84	< 0.20 U		330	590	< 0.50 U
MW-26	MW-26-1223	N	LF		GW	12/13/2023	< 0.10 U	89	< 0.20 U	< 1.0 U	360	1800	< 0.50 U
MW-30-050	MW-30-050-1223	N	LF		GW	12/14/2023	3.4	22	< 0.20 U		80	41	< 0.25 U
MW-30-050	MW-922-Q423	FD		MW-30-050-1223	GW	12/14/2023	3.5	24	0.23		66	49	< 0.25 U
MW-31-060	MW-31-060-1223	N			GW	12/13/2023	< 0.10 U	370	< 1.0 U		33	1500	< 0.50 U
MW-31-135	MW-31-135-1223	N			GW	12/13/2023	< 0.10 U	33	10		86	18	< 0.50 U
MW-34-080	MW-34-080-1223	N			GW	12/12/2023	< 0.10 U	39	< 0.20 U		490	170	< 0.50 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
MW-36-090	MW-36-090-1223	N			GW	12/12/2023	< 0.10 U	69	< 0.20 U		45	240	< 0.50 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
MW-39-040	MW-39-040-1223	N			GW	12/14/2023	14	100	< 0.20 U		310	140	0.6
MW-39-050	MW-39-050-1223	N	LF		GW	12/14/2023	1.8	51	< 0.20 U		34	270	< 0.25 U
MW-39-060	MW-39-060-1223	N			GW	12/14/2023	2.2	34	< 0.20 U		250	180	< 0.25 U
MW-39-070	MW-39-070-1223	N	LF		GW	12/14/2023	0.99	42	< 0.20 U		47	30	< 0.50 U
MW-39-080	MW-39-080-1223	N	LF		GW	12/14/2023	< 0.10 U	42	0.51		28	5.6	2.3
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
MW-44-115	MW-44-115-1223	N	LF		GW	12/12/2023	< 0.10 U	32	31		26	24	0.84
MW-44-125	MW-44-125-1223	N	LF		GW	12/12/2023	< 0.10 U	47	2.7		< 20 U	400	< 0.50 U
MW-45-095A	MW-45-095A-1223	N	LF		GW	12/14/2023	< 0.10 U	30	0.54		23	49	< 0.50 U
MW-51	MW-51-1223	N	LF		GW	12/13/2023	2.4	40	< 0.20 U	1.5	< 20 U	840	< 0.50 U
MW-51	MW-923-Q423	FD		MW-51-1223	GW	12/13/2023	0.23	43	< 0.20 U	1.7	< 20 U	870	< 0.50 U
MW-71-035	MW-71-035-1223	N			GW	12/13/2023	< 0.10 U	32	0.8		< 20 U	18	0.97
MW-76-039	MW-76-039-1223	N			GW	12/11/2023	< 0.10 U	140	22		53	0.6	< 0.50 U
MW-76-156	MW-76-156-1223	N			GW	12/11/2023	< 0.10 U	44	4.8		31	49	0.56
MW-76-181	MW-76-181-1223	N			GW	12/11/2023	< 0.10 U	35	< 1.0 U		51	380	< 0.50 U
MW-76-218	MW-76-218-1223	N			GW	12/11/2023	0.68	38	16		35	51	< 0.50 U
MW-77-046	MW-77-046-1223	N	LF		GW	12/11/2023	0.59	130	< 1.0 U		140	840	< 0.50 U
MW-77-102	MW-77-102-1223	N	LF		GW	12/11/2023	< 0.10 U	56	0.51		98	53	0.79
MW-77-102	MW-924-Q423	FD		MW-77-102-1223	GW	12/11/2023	< 0.10 U	55	0.6		51	51	0.8
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
MW-77-187	MW-77-187-1223	N	LF		GW	12/11/2023	< 0.10 U	58	21		21	50	0.52
MW-78-070	MW-78-070-1223	N	LF		GW	12/13/2023	< 0.10 U	120	< 0.20 U		< 20 U	990	< 0.50 U
MW-78-142	MW-78-142-1223	N	LF		GW	12/13/2023	< 0.10 U	27	700		< 20 U	4.3	0.94
MW-79-058	MW-79-058-1223	N	LF		GW	12/13/2023	< 0.10 U	120	27		77	26	< 0.50 U
MW-79-102	MW-79-102-1223	N	LF		GW	12/13/2023							
MW-79-102	MW-79-102-121423	N	LF		GW	12/14/2023	< 0.10 U	51	300		34	45	0.54
MW-80-057	MW-80-057-1223	N	LF		GW	12/13/2023	< 0.10 U	85	7.4	12	42	82	< 0.50 U
MW-80-082	MW-80-082-1223	N	LF		GW	12/13/2023	< 0.10 U	55	0.71	1.7	< 20 U	840	0.56
MW-80-082	MW-925-Q423	FD		MW-80-082-1223	GW	12/13/2023	0.22	52	0.42	1.5	< 20 U	820	< 0.50 U
MW-81-043	MW-81-043-1223	N	LF		GW	12/12/2023	< 0.10 U	140	15		< 20 U	43	0.52
MW-81-098	MW-81-098-1223	N	LF		GW	12/12/2023	< 0.10 U	87	0.96		32	96	1

Unvalidated PCM 2023-12 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 B (mg/L)
MW-20-070	MW-20-070-1223	N			GW	12/13/2023	650	2
MW-20-100	MW-20-100-1223	N			GW	12/13/2023	400	3.8
MW-20-130	MW-20-130-1223	N			GW	12/13/2023	860	2.4
MW-21	MW-21-1223	N			GW	12/13/2023	940	6.2
MW-26	MW-26-1223	N	LF		GW	12/13/2023	330	1.8
MW-30-050	MW-30-050-1223	N	LF		GW	12/14/2023	210	8.6
MW-30-050	MW-922-Q423	FD		MW-30-050-1223	GW	12/14/2023	210	5
MW-31-060	MW-31-060-1223	N			GW	12/13/2023	330	3.2
MW-31-135	MW-31-135-1223	N			GW	12/13/2023	400	1.5
MW-34-080	MW-34-080-1223	N			GW	12/12/2023	770	< 1.0 U
MW-34-100	MW-34-100-1223	N			GW	12/12/2023	1100	3.4
MW-36-090	MW-36-090-1223	N			GW	12/12/2023	620	< 1.0 U
MW-36-100	MW-36-100-1223	N	LF		GW	12/12/2023	650	1
MW-39-040	MW-39-040-1223	N			GW	12/14/2023	150	9.5
MW-39-050	MW-39-050-1223	N	LF		GW	12/14/2023	200	2.8
MW-39-060	MW-39-060-1223	N			GW	12/14/2023	190	4.3
MW-39-070	MW-39-070-1223	N	LF		GW	12/14/2023	280	2.2
MW-39-080	MW-39-080-1223	N	LF		GW	12/14/2023	610	2.4
MW-39-100	MW-39-100-1223	N	LF		GW	12/12/2023	770	< 1.0 U
MW-44-115	MW-44-115-1223	N	LF		GW	12/12/2023	950	1.6
MW-44-125	MW-44-125-1223	N	LF		GW	12/12/2023	940	1.9
MW-45-095A	MW-45-095A-1223	N	LF		GW	12/14/2023	530	1.9
MW-51	MW-51-1223	N	LF		GW	12/13/2023	360	2.3
MW-51	MW-923-Q423	FD		MW-51-1223	GW	12/13/2023	360	2.5
MW-71-035	MW-71-035-1223	N			GW	12/13/2023	660	3.2
MW-76-039	MW-76-039-1223	N			GW	12/11/2023	400	2.6
MW-76-156	MW-76-156-1223	N			GW	12/11/2023	490	1.5
MW-76-181	MW-76-181-1223	N			GW	12/11/2023	480	2.2
MW-76-218	MW-76-218-1223	N			GW	12/11/2023	560	1.3
MW-77-046	MW-77-046-1223	N	LF		GW	12/11/2023	910	6.1
MW-77-102	MW-77-102-1223	N	LF		GW	12/11/2023	600	3.3
MW-77-102	MW-924-Q423	FD		MW-77-102-1223	GW	12/11/2023	600	2.9
MW-77-158	MW-77-158-1223	N	LF		GW	12/11/2023	350	3.2
MW-77-187	MW-77-187-1223	N	LF		GW	12/11/2023	590	1.4
MW-78-070	MW-78-070-1223	N	LF		GW	12/13/2023	320	3.4
MW-78-142	MW-78-142-1223	N	LF		GW	12/13/2023	470	2.7
MW-79-058	MW-79-058-1223	N	LF		GW	12/13/2023	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	390	3.6
MW-80-057	MW-80-057-1223	N	LF		GW	12/13/2023	350	2.8
MW-80-082	MW-80-082-1223	N	LF		GW	12/13/2023	340	1.5
MW-80-082	MW-925-Q423	FD		MW-80-082-1223	GW	12/13/2023	330	1.7
MW-81-043	MW-81-043-1223	N	LF		GW	12/12/2023	360	2.7
MW-81-098	MW-81-098-1223	N	LF		GW	12/12/2023	640	1.9

Unvalidated 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)
MW-82-046	MW-82-046-1223	N			GW	12/12/2023	13	68	< 1.0 U		4800	260	< 0.50 U
MW-82-168	MW-82-168-1223	N			GW	12/12/2023	< 0.10 U	38	< 1.0 U		70	69	< 0.50 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
PT5D	PT5D-1223	N	LF		GW	12/12/2023	< 0.10 U	26	63		< 20 U	160	< 0.50 U
TW-02D	TW-02D-1223	N			GW	12/12/2023	2.5	16	1.3		< 20 U	63	< 0.50 U
TW-02S	TW-02S-1223	N			GW	12/12/2023	< 0.10 U	160	19		< 20 U	< 0.50 U	< 0.50 U
TW-03D	TW-03D-1223	N			GW	12/12/2023	1.7	25	4.3		< 20 U	31	< 0.50 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
FD = field duplicate
GW = groundwater
J = estimated value
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Unvalidated PCM 2023-12 Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Total organic carbon by Method SM 5310 B (mg/L)
MW-82-046	MW-82-046-1223	N			GW	12/12/2023	1900	22
MW-82-168	MW-82-168-1223	N			GW	12/12/2023	360	< 1.0 U
MW-82-198	MW-82-198-1223	N			GW	12/12/2023	330	2.7
PT5D	PT5D-1223	N	LF		GW	12/12/2023	710	3.1
TW-02D	TW-02D-1223	N			GW	12/12/2023	320	< 1.0 U
TW-02S	TW-02S-1223	N			GW	12/12/2023	270	< 1.0 U
TW-03D	TW-03D-1223	N			GW	12/12/2023	330	< 1.0 U

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

Unvalidated 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

Unvalidated 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.
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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

Unvalidated 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	12	170	170	1200	< 10 U
MW-88-107	MW-88-107-1023	N	LF	GW	10/12/2023	12	5.2	150	86	560	< 10 U

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

Unvalidated 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	0.34	< 2.5 U	130	400	2.7
MW-88-107	MW-88-107-1123	N		GW	11/9/2023	170	4.9	40	0.33	< 2.5 U	35	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
LF = low flow
mg/L = milligrams per liter
N = Normal
SM = standard method
SW = solid waste
U = analyte not detected

Unvalidated 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	23
MW-88-107	MW-88-107-1123	N		GW	11/9/2023	48	1.3	87	19	110	31	4.7	< 0.50 U

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

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

Unvalidated 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 U	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	32	0.24	< 2.5 U	23	59	28

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

Unvalidated 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	36	23
MW-88-107	MW-88-107-1223	N	LF	GW	12/14/2023	32	0.83	57	12	69	48	3	8.1

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

Unvalidated 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	190	170	1100	< 10 U
MW-88-107	MW-88-107-1223	N	LF	GW	12/14/2023	11	5.1	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

Unvalidated 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	28	150
MW-68-180	MW-68-180-1023	N	LF	GW	10/13/2023	41000	38000		52		

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

Unvalidated 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	26	26	< 0.50 U	9.9	5.2		3.4
MW-14	MW-14-Q423	N	LF		GW	12/1/2023	< 0.10 U	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 U	11	12	< 0.50 U	8.9	2.8		1.8
MW-15	MW-15-Q423	N	LF		GW	11/28/2023	0.77	14	15	< 0.50 U				
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 U	< 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 U	< 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 U	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 U	6	6.1	62	28	0.66		0.5
MW-41S	MW-41S-Q423	N	LF		GW	12/1/2023	< 0.10 U	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 U	270	270	< 0.50 U	24	13		9.3
MW-65-225	MW-65-225-Q423	N	LF		GW	11/28/2023	< 0.10 U	450	440	0.83	22	8.4		6.7
MW-66-165	MW-66-165-Q423	N	LF		GW	11/28/2023	0.73	220	210	2.9	6.4	8.4		6.9
MW-66-230	MW-66-230-Q423	N	LF		GW	11/28/2023	< 0.10 U	8400	7200	1.4	77	28		22
MW-66BR-270	MW-66BR-270-Q423	N	3V		GW	11/28/2023	< 0.10 U	< 1.0 U	< 1.0 U	380				
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

Unvalidated 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-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 U	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	190	170	5.7	53	15		14
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	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 U	35	1		0.77
MW-83-225	MW-83-225-Q423	N	LF		GW	11/27/2023	< 0.10 U	18	18	< 0.50 U	54	0.88		0.64
MW-83-245	MW-83-245-Q423	N	LF		GW	11/27/2023	< 0.10 U	2600	2500	25	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	360	370	< 0.50 U	2.7	19		10
MW-85-217	MW-85-217-Q423	N	LF		GW	11/28/2023	0.53	1700	1700	5.1	73	9		8.1
MW-85-237	MW-85-237-Q423	N	LF		GW	11/28/2023	< 0.10 U	430	420	55	88	2.6		2.2
MW-87-109	MW-87-109-Q423	N	LF		GW	11/28/2023	0.2	51	42	42	9.4	8.8		6.1
MW-87-139	MW-87-139-Q423	N	LF		GW	11/28/2023	< 0.10 U	8.9	9.5	< 0.50 U	4.2	1.6		0.99
MW-87-192	MW-87-192-Q423	N	LF		GW	11/28/2023	< 0.10 U	1.7	1.6	1	29	1.2		1.2
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 U				
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	200				
MW-93-213	MW-93-213-Q423	N	LF		GW	11/16/2023	< 0.10 U	4.1	4.2	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 U	4500	5000	3	16	24		66
TW-05	TW-05-Q423	N	LF		GW	11/28/2023	< 0.10 U	12	12	8.1				

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Acronyms and Abbreviations:
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3V = three volume
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mg/L = milligrams per liter
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Unvalidated RCM 2023-11 Surface Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Alkalinity, total as CaCO3 by Method SM 2320 B (mg/L)	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)
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	130
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	110	< 0.20 U	2.5	170	0.17	86	130
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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Unvalidated RCM 2023-11 Surface Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Chromium, Hexavalent by Method EPA 218.6 (µg/L)	Chromium, total dissolved by Method SW 6020 (µg/L)	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, dissolved by Method SW 6020 (µg/L)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					1.2
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.66
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.63
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					< 0.50 U
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					0.89
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					16
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					8.6
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023	< 0.20 U	< 1.0 U					8.7
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.65
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.91
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.81
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.67
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					0.71
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					< 0.50 U
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					1.7
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					1.7
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023	< 0.20 U	< 1.0 U					1.8
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					0.89
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					0.86
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					0.76
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					0.67
R-19	R-19-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					1.8
R-28	R-28-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					2.8
R63	R63-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U	0.36	37	< 20 U	29	9.4
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	< 0.20 U	< 1.0 U	0.45	53	< 20 U	29	10
RRB	RRB-Q423	N	R		Surface Water	11/16/2023	< 0.20 U	< 1.0 U					7.9
SW1	SW1-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					2.9
SW2	SW2-Q423	N	R		Surface Water	11/15/2023	< 0.20 U	< 1.0 U					2.5

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Unvalidated RCM 2023-11 Surface Water 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, dissolved by Method SW 6010B (mg/L)	Selenium, dissolved by Method SW 6020 (µg/L)	Sodium, dissolved by Method SW 6010B (mg/L)
C-BNS	C-BNS-Q423	N	R		Surface Water	11/15/2023	5.8	0.42				1.9	
C-CON-D	C-CON-D-Q423	N	R		Surface Water	11/16/2023	5.7	0.41				1.9	
C-CON-S	C-CON-S-Q423	N	R		Surface Water	11/16/2023	5.6	0.42				1.9	
C-I-3-D	C-I-3-D-Q423	N	R		Surface Water	11/15/2023	5.9	0.44				1.9	
C-I-3-S	C-I-3-S-Q423	N	R		Surface Water	11/15/2023	6	0.41				2.2	
C-MAR-D	C-MAR-D-Q423	N	R		Surface Water	11/16/2023	5.7	0.4				1.7	
C-MAR-S	C-MAR-S-Q423	N	R		Surface Water	11/16/2023	5.7	0.4				1.8	
C-MAR-S	MW-937-Q423	FD		C-MAR-S-Q423	Surface Water	11/16/2023	5.8	0.4				1.8	
C-NR1-D	C-NR1-D-Q423	N	R		Surface Water	11/16/2023	5.5	0.41				1.7	
C-NR1-S	C-NR1-S-Q423	N	R		Surface Water	11/16/2023	5.6	0.42				1.8	
C-NR3-D	C-NR3-D-Q423	N	R		Surface Water	11/16/2023	5.4	0.42				1.9	
C-NR3-S	C-NR3-S-Q423	N	R		Surface Water	11/16/2023	5.7	0.41				1.8	
C-NR4-D	C-NR4-D-Q423	N	R		Surface Water	11/16/2023	5.7	0.41				2	
C-NR4-S	C-NR4-S-Q423	N	R		Surface Water	11/16/2023	5.6	0.42				2	
C-R22A-D	C-R22A-D-Q423	N	R		Surface Water	11/15/2023	5.9	0.42				2.2	
C-R22A-S	C-R22A-S-Q423	N	R		Surface Water	11/15/2023	5.7	0.42				2	
C-R22A-S	MW-938-Q423	FD		C-R22A-S-Q423	Surface Water	11/15/2023	6	0.42				1.8	
C-R27-D	C-R27-D-Q423	N	R		Surface Water	11/15/2023	5.8	0.43				1.8	
C-R27-S	C-R27-S-Q423	N	R		Surface Water	11/15/2023	6	0.43				2.1	
C-TAZ-D	C-TAZ-D-Q423	N	R		Surface Water	11/15/2023	5.8	0.42				1.8	
C-TAZ-S	C-TAZ-S-Q423	N	R		Surface Water	11/15/2023	6.1	0.43				2	
R-19	R-19-Q423	N	R		Surface Water	11/16/2023	5.7	0.41				1.9	
R-28	R-28-Q423	N	R		Surface Water	11/15/2023	6.1	0.4				2	
R63	R63-Q423	N	R		Surface Water	11/15/2023	5.6	0.38	0.42	< 0.50 U	5.9	1.5	130
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	6	0.38	0.41	< 0.50 U	6	1.7	130
RRB	RRB-Q423	N	R		Surface Water	11/16/2023	5.8	0.42				2	
SW1	SW1-Q423	N	R		Surface Water	11/15/2023	5.8	0.41				1.9	
SW2	SW2-Q423	N	R		Surface Water	11/15/2023	5.6	0.4				1.9	

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Unvalidated RCM 2023-11 Surface Water Sampling

Location ID	Sample ID	Sample Type	Sample Method	Parent Sample Code	Matrix	Sample Date	Sulfate by Method EPA 300.0 (mg/L)	Total dissolved solids by Method SM 2540 C (mg/L)	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	250	710	2.7	2.5
R63	MW-939-Q423	FD		R63-Q423	Surface Water	11/15/2023	250	710	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 and Nitrate/Nitrite as Nitrogen 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

Unvalidated 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	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	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	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 U	10	13	4.6	15	6.1	6.7	5.7
PGE-08	PGE-08-Q423	N	3V		GW	12/14/2023	< 0.10 U	< 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