Meliadine Gold Mine
NWB 2AM-MEL1631
October 2024 Monthly Report

Prepared for:
Nunavut Water Board

Prepared by:
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SECTION 1 • BACKGROUND

As required under Part I, Item 9 of amended Type A Water License 2AM-MEL1631, this report documents the water management and monitoring activities at the mine site and provides a summary of spills/actions for the month of October 2024.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Table 2.1 details monthly water usage approved under Water License 2AM-MEL1631.

Table 2.1: Summary of the monthly water usage in 2024

Usage	Unit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2024 Total
MEL-11[1]	m^3	46,859	40,057	43,273	42,794	33,136	40,333	50,559[2]	53,277	42,069	42,869	-	-	435,226
Dust suppression[3]	m^3	0	0	0	0	0	0	0	0	0	0	-	-	0
Dust suppression[4]	m^3	0	0	0	0	579	3,121	2,753	2,241	0	18	-	-	8,712

2.2 DEWATERING ACTIVITIES

One (1) pond (B36) was dewatered to Contact Water management facilities (Collection Pond 1) during the month as part of the permitted fish salvage.

2.3 WATER DISCHARGE

Table 2.3 details monthly water discharge, including:

- discharge from the EWTP to Meliadine Lake via the Final Discharge Point (MEL-14);
- discharge of treated saline effluent to Melvin Bay via the Final Discharge Point (MEL-26), and
- discharge from the Itivia fuel containment facility (MEL-25).

[1] Camp, Mill, Dust suppression

[2] The July MEL-11 water usage was corrected in the August report

[3] Water obtained along AWAR/Meliadine River

[4] Reclaim water obtained from CP1 or other Contact Water management facilities and used for dust suppression on site

Table 2.3: Summary of the monthly water discharge in 2024

Location	Unit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2024 Total
MEL-14	m^3	0	0	0	0	0	171,936	72,724	0	370,142	246,675	-	-	861,477
MEL-26	m^3	0	0	0	0	0	0	0	0	0	0	-	-	0
MEL-25	m^3	0	0	0	0	0	0	0	0	300	0	-	-	300

2.4 SEEPAGE AND RUNOFF FROM THE LANDFILL AND LANDFARM

The 2AM-MEL1631 landfill and landfarm were commissioned in November 2017. No seepage or runoff was observed during the month.

As per the approved Landfill (Stage 4) Berm Raise Design Report and Monitoring station MEL-24 description Modification, water accumulated inside the landfill is pumped towards Pond H13, which is the current location seepage from the landfill flows towards.

2.5 SEWAGE TREATMENT PLANT

Table 2.5 details monthly discharge from the Sewage Treatment Plant (STP), including the treated wastewater discharge to CP1 and sludge removed and disposed of in the WRSF.

Table 2.5: Summary of the monthly disposal/discharge from the STP in 2024

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2024 Total
Wastewater Discharge (m^3)		4,350	5,270	6,070	5,777	4,131	4,945	5,080	5,306	4,753	4,862	-	-	50,544
Sewage Sludge	Amount (m^3)	100	100	120	120	81.4	80	10.50	31	30	27	-	-	699.90
	Disposal Location	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	WRSF3	-	-	-

2.6 MONITORING ANALYTICAL DATA

Twenty-four (24) samples related to the Water Licence were taken during the month. The analytical results are presented in Appendix. One exceedance occurred during the month and is detailed in Table 4.1 below.

SECTION 3 • MATERIAL MANAGEMENT

3.1 LANDFILL / LANDFARM

Table 3.1 details quarterly Landfill and Landfarm survey results, as well as the amount of material placed in the Landfarm every month.

Table 3.1: Summary of the monthly disposal in the Landfarm and quarterly survey volumes of Landfill and Landfarm

Location	Unit	Q1			Q2			Q3			Q4			2024 Total
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Landfill (Survey)	m^3	28,127			26,087			27,232			-			-
Landfarm (Survey)	m^3	604[5]			537			1,158			-			-
Landfarm[6]	m^3	1.8	0.02	3.25	7.28	2.3	32.52	3.78	7.47	2.05	3.70	-	-	64.17

[5] From landfarm survey conducted in October 2023. Surveys of the Landfarm are generally not conducted during the winter months, as the presence of snow would not allow a representative survey of the soil quantity.
[6] Amount of contaminated solid material (soil) placed in the Landfarm or lined sorting area.

3.2 ORE, WASTE ROCK STORAGE FACILITY, TAILINGS

Table 3.2 details monthly material management, including processed ore, waste rock, and tailings.

Table 3.2: Summary of the monthly material management in 2024

Material (tonnes)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Cumulative 2024
Processed Ore		190,946	154,435	156,820	166,561	113,952	144,504	190,576	181,680	160,296	156,033	-	-	1,615,803
Waste Rock	Removed from open pit mining	175,380	534,627	845,427	701,244	344,631	231,788	481,603	397,615	349,551	377,590	-	-	4,439,456
	Removed from underground mining	71,281[7]	67,267	73,926	87,413	54,382	71,177	65,504	74,681	75,460	78,428	-	-	719,520
	Used as underground dry rockfill	49,823	31,805	10,566	31,716	18,233	13,755	23,217	54,582	33,645	56,595	-	-	323,938
Tailings	Send to TSF	144,379	107,392	111,857	125,769	83,808	110,265	152,691	151,392	125,887	117,712	-	-	1,231,152
	Used as paste underground backfill	46,567	47,043	44,963	40,792	30,144	34,239	37,885	30,288	34,409	38,321	-	-	384,651

[7] January waste rock removed from underground mining was updated in February report

SECTION 4 SPILL MANAGEMENT

4.1 INTERNAL AND REPORTABLE SPILLS

Spills reported internally are listed in the table 4.1 and were managed according to Agnico Eagle's spill contingency plan. Spills were contained and cleaned up, contaminated material was disposed of in an appropriate manner, and the clean-up actions were monitored closely by the Environment Department. One reportable spill and one exceedance occurred during the month (Refer to the gray shading in Table 4.1).

Table 4.1: Summary of Agnico Eagle's Spill Reports during the month

Date and time of occurrence	Contaminant	Estimated quantity	Exact location of incident	Description of incident	Describe immediate corrective actions
Wednesday, October 02, 2024 2:00:00 PM	Hydraulic oil	4 L	Warehouse Laydown	During the movement of a seacan, a hydraulic hose failed on the hyster.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin.
Thursday, October 03, 2024 8:00:00 AM	Diesel Fuel	3 L	MSB west parking lot	An environment employee noticed a diesel spill at the MSB west parking lot.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in the landfarm.
Friday, October 04, 2024 10:00:00 PM	Suspended Solids	140 mg/L	AWAR KM 8.8	A notification was sent to CIRNAC Resource Management Officer Kyle Amsel that ponded water would be pumped across the AWAR at KM8.8 to prevent road erosion and sediment transport. Ponded water had accumulated against the road and threatened to overtop the road due to the significant quantity of rainfall experienced in the days prior to the event. Pumping started at approximately 12:00 p.m. on October 4th, 2024, through a temporary sleeve that was placed on the surface of the road. At approximately 9:00 p.m., construction work began to excavate a shallow trench in the	Erosion and sediment controls were installed downstream of the construction area. The pump being used to draw down ponded water was shut down to reduce the water flow downstream of the construction area. The HDPE pipe was laid in the trench and a tarp was installed over the inlet to prevent the flow of sediment laden water through the pipe. A water sample was then collected at the Water Licence monitoring station MEL-SR-15 and additional field turbidity measurements were collected along with a sample for internal TSS analysis. Internal and external TSS analysis

				road for placement of a temporary 16" HDPE drainage pipe. AWAR KM8.8 is an area with a low profile relative to the adjacent terrain. A semi-circular barrier made of backfill material was constructed upstream of the excavation to prevent the flow of water through the construction workings. At approximately 10:00 p.m., surface runoff flowing downstream of the construction area was observed to be carrying sediment.	results showed a concentration of 140 mg/L, exceeding the Water Licence criteria in a grab sample. Following the erosion and sedimentation mitigation measure deployed, the turbidity significantly reduced. The HDPE pipe was then backfilled, and the road surface compacted.
Monday, October 07, 2024 11:00:00 AM	Hydraulic oil	88 L	TIRI01	An error code appeared in a haul truck during operations. When safe to do so, the operator parked the equipment and saw hydraulic oil spilling under the equipment.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in quatrex bag.
Tuesday, October 08, 2024 11:30:00 AM	Hydraulic oil	10 L	STP	An oil line rupture occurred on Manitou equipment, causing 10 liters of oil to spill onto the ground.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in the landfarm.
Wednesday, October 09, 2024 1:30:00 PM	Hydraulic oil	78 L	OP2	While screening materials at OP2, the excavator made contact with the crusher, breaking an hydraulic oil line.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in the landfarm.
Saturday, October 12, 2024 5:00:00 PM	Treated water	200 m^3	EWTP Discharge pipe, behind D-CP1	It was noted during winterization of a nearby pipe, that treated water was leaking from the Meliadine Lake effluent pipe behind D-CP1. It was estimated that 200 m^3 of treated water was released into the tundra. This is the discharge pipe from the Effluent Water Treatment Plant	Upon discovering the leak, discharge to Meliadine Lake was suspended and the tapping sleeve was repaired on October 13th, 2024, in the early morning. Once the sleeve was repaired, the discharge to Meliadine Lake was resumed and the effluent water pipe was

				(EWTP) to Meliadine Lake at monitoring station and Final Discharge Point (FDP) MEL-14. The incident was a result of a damaged tapping sleeve on the effluent pipe.	inspected to confirm there were no leaks. A small sump was excavated to collect the released water from the tundra and pump it back into CP1 for treatment through the EWTP and discharge to Meliadine Lake.
Monday, October 14, 2024 7:45:00 PM	Engine Oil	15 L	TIRI01	A spill of 15L engine oil occurred as the result of the failure of a fuel pump on the excavator.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in the landfarm.
Saturday, October 19, 2024 4:30:00 PM	Diesel fuel	3 L	KCG Laydown - Haul truck lineup	While refueling a transport truck using a rapid refueling device, fuel overflowed from the transport truck's tank cap. Pressure escaped from the tank due to an incorrectly installed cap, preventing the automatic shut-off function from operating as intended.	The tanker operator quickly shut down the rapid refuelling device. Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in the landfarm.
Wednesday, October 23, 2024 11:30:00 AM	Diesel Fuel	1 L	6m Fuel Farm	An employee spilled fuel while fueling equipment.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin.
Saturday, October 26, 2024 11:30:00 PM	Diesel Fuel	25 L	3 M Fuel Farm	The operator had a problem with the fuel nozzle, causing fuel to leak from the overflow of the equipment.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin.
Sunday, October 27, 2024 7:00:00 AM	Engine coolant	45 L	TIRI01	An engine coolant hose ruptured on a drill resulting in a 45 L engine coolant spill.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in quatrex bag.
Sunday, October 27, 2024 2:00:00 PM	Diesel Exhaust Fluid (Urea)	20 L	MSB warehouse yard	The worker had limited visibility while retrieving a tote in a seacan using a telehandler, and the tote containing DEF was pierced with the forks of the equipment.	Spill pads were deployed to clean-up the spill and disposed of in the appropriate bin. Contaminated material was scrapped and disposed of in quatrex bag. Tote was put on a skid to bring

					over to the 6 million tank DEF station, and the pierced tote was emptied into another tote using the DEF transfer pump.
Sunday, October 27, 2024 4:30:00 PM	Contaminated water	30 L	Wash Bay	The sensor probe in the wash bay water tank failed. The inside water tank was overfilled which resulted in a spill.	Water was pumped back in the wash bay tank.
Monday, October 28, 2024 2:00:00 AM	Battery acid	1 L	KCG maintenance shop yard	A mechanic was transporting a lead-acid battery unsecured on telehandler fork. It slipped out of the forks & fell on the ground. The plastic casing was broken & spilled on the ground.	The battery was disposed of in quatrex bag. Contaminated material was scrapped and disposed of in pails at the hazmat laydown.
Monday, October 28, 2024 6:00:00 AM	Diesel fuel	8 L	KCG equipment parking	A worker found a fuel spill under a loader in the parking lot.	Contaminated material was scrapped and disposed of in quatrex bag.
Tuesday, October 29, 2024 10:00:00 AM	Non-contaminated water	10 L	Wing 12	A pressure relief valve failed on the fire suppression system, resulting in water going in the drain line. This line is not insulated and the water spilled out of the system on the ground.	The line was capped overnight to avoid further spill.
Thursday, October 31, 2024 9:30:00 AM	Coolant	30 L	TSF north berm access	An employee driving along the Dyno road discovered a coolant spill.	Contaminated snow was disposed of at the snow cell.

Appendix – Monitoring Analytical Data

MEL-11		10/7/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.52
Turbidity	**NTU**	0.4
Conductivity	**ms/cm**	0.142
Hardness, as CaCO3- Dissolved	**mg/L**	36.9
Total alkalinity, as CaCO3	**mg/L**	24
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	24
TDS	**mg/L**	85
TDS, calculated	**mg/L**	67
TSS	**mg/L**	1
Total organic carbon	**mg/L**	3.8
Dissolved organic carbon	**mg/L**	3.8
WQ03- Major Ions		
Chloride	**mg/L**	18
Cyanide	**mg/L**	< 0.00050
Cyanide (free)	**mg/L**	< 0.0020
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	0.63
Sulfate	**mg/L**	11
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	0.20
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.35
Total phosphorus	**mg/L**	0.022
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0069
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00062
Barium	**mg/L**	0.0098
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00094
Iron	**mg/L**	0.018
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020

Manganese	**mg/L**	0.0037
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Strontium	**mg/L**	0.0621
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	< 0.0030
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00059
Barium	**mg/L**	0.0098
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	11.5
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00115
Iron	**mg/L**	< 0.0050
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Magnesium (Dissolved)	**mg/L**	1.99
Manganese	**mg/L**	< 0.0010
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Potassium (Dissolved)	**mg/L**	1.30
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	8.88
Strontium	**mg/L**	0.0585
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ10- Volatile Organics		
Benzene	**mg/L**	< 0.00020

Ethylbenzene	**mg/L**	< 0.00020
Toluene	**mg/L**	< 0.00020
Xylenes	**mg/L**	< 0.00040
m,p-Xylenes	**mg/L**	< 0.00040
o-Xylene	**mg/L**	< 0.00020
F1 (C6-C10)-BTEX	**mg/L**	<0.025
F1 (C6-C10)	**mg/L**	<0.025
F2 (C10-C16)	**mg/L**	< 0.09
F3 (C16-C34)	**mg/L**	< 0.2
F4 (C34-C50)	**mg/L**	< 0.2

MEL-12		10/1/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.82
Turbidity	**NTU**	1.7
Conductivity	**ms/cm**	3.38
Hardness, as CaCO3	**mg/L**	723
Total alkalinity, as CaCO3	**mg/L**	100
TDS	**mg/L**	2080
TDS, calculated	**mg/L**	1900
TSS	**mg/L**	7
Total organic carbon	**mg/L**	10
WQ03- Major Ions		
Chloride	**mg/L**	720
Cyanide	**mg/L**	0.00198
Fluoride	**mg/L**	0.11
Silica	**mg/L**	2.8
Sulfate	**mg/L**	410
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	2.7
Nitrate (as N)	**mg/L**	15.2
Nitrite (as N)	**mg/L**	0.389
Total phosphorus	**mg/L**	0.039
Orthophosphate (P)	**mg/L**	0.015
WQ06- Total Metals		
Aluminum	**mg/L**	0.124
Arsenic	**mg/L**	0.0167
Barium	**mg/L**	0.0630
Cadmium	**mg/L**	0.000031
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00275

Iron	**mg/L**	0.240
Lead	**mg/L**	0.00048
Manganese	**mg/L**	0.212
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0057
Nickel	**mg/L**	0.0147
Selenium	**mg/L**	0.00128
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	0.000025
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	0.0058
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	194
Magnesium (Dissolved)	**mg/L**	62.0
Potassium (Dissolved)	**mg/L**	28.0
Sodium (Dissolved)	**mg/L**	345

MEL-13		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.49
Dissolved Oxygen	**mg/L**	11.0
Turbidity	**NTU**	0.5
Conductivity	**ms/cm**	0.150
Hardness, as CaCO3	**mg/L**	39.7
Total alkalinity, as CaCO3	**mg/L**	23
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	23
TDS	**mg/L**	55
TDS, calculated	**mg/L**	73
TSS	**mg/L**	2
Total organic carbon	**mg/L**	3.9
Dissolved organic carbon	**mg/L**	3.9
WQ03- Major Ions		
Chloride	**mg/L**	21
Cyanide	**mg/L**	< 0.00050
Cyanide (free)	**mg/L**	< 0.0020
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	0.65
Sulfate	**mg/L**	12
WQ04- Nutrients and Chlorophyll a		

Ammonia Nitrogen (as N)	**mg/L**	0.17
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.38
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0102
Antimony	**mg/L**	0.000027
Arsenic	**mg/L**	0.000647
Barium	**mg/L**	0.00998
Beryllium	**mg/L**	< 0.000010
Boron	**mg/L**	< 0.01
Cadmium	**mg/L**	< 0.0000050
Chromium	**mg/L**	0.00015
Cobalt	**mg/L**	0.0000360
Copper	**mg/L**	0.00109
Iron	**mg/L**	0.0181
Lead	**mg/L**	0.0000225
Lithium	**mg/L**	0.00129
Manganese	**mg/L**	0.00470
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.000200
Nickel	**mg/L**	0.000808
Selenium	**mg/L**	0.000045
Silver	**mg/L**	< 0.0000050
Strontium	**mg/L**	0.0675
Thallium	**mg/L**	< 0.0000020
Tin	**mg/L**	< 0.00020
Titanium	**mg/L**	< 0.00050
Uranium	**mg/L**	0.0000599
Vanadium	**mg/L**	< 0.00020
Zinc	**mg/L**	0.00062
WQ07- Dissolved Metals		
Aluminum	**mg/L**	0.00527
Antimony	**mg/L**	0.000023
Arsenic	**mg/L**	0.000599
Barium	**mg/L**	0.00979
Beryllium	**mg/L**	< 0.000010
Boron	**mg/L**	< 0.01
Cadmium	**mg/L**	< 0.0000050
Calcium (Dissolved)	**mg/L**	12.3
Chromium	**mg/L**	< 0.00010
Cobalt	**mg/L**	0.0000260

Copper	**mg/L**	0.000943
Iron	**mg/L**	0.0042
Lead	**mg/L**	0.0000070
Lithium	**mg/L**	0.00125
Magnesium (Dissolved)	**mg/L**	2.43
Manganese	**mg/L**	0.00108
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.000205
Nickel	**mg/L**	0.000741
Potassium (Dissolved)	**mg/L**	1.40
Selenium	**mg/L**	0.000040
Silver	**mg/L**	< 0.0000050
Sodium (Dissolved)	**mg/L**	10.7
Strontium	**mg/L**	0.0728
Thallium	**mg/L**	0.0000020
Tin	**mg/L**	< 0.00020
Titanium	**mg/L**	< 0.00050
Uranium	**mg/L**	0.0000600
Vanadium	**mg/L**	< 0.00020
Zinc	**mg/L**	0.00068
WQ08- Radionuclides		
Radium-226	**Bq/l**	< 0.0050
WQ10- Volatile Organics		
Benzene	**mg/L**	< 0.00020
Ethylbenzene	**mg/L**	< 0.00020
Toluene	**mg/L**	< 0.00020
Xylenes	**mg/L**	< 0.00040
m,p-Xylenes	**mg/L**	< 0.00040
o-Xylene	**mg/L**	< 0.00020
F1 (C6-C10)-BTEX	**mg/L**	< 0.025
F1 (C6-C10)	**mg/L**	< 0.025
F2 (C10-C16)	**mg/L**	< 0.09
F3 (C16-C34)	**mg/L**	< 0.2
F4 (C34-C50)	**mg/L**	< 0.2

MEL-14						10/1/2024	10/7/2024	10/14/2024
Parameter	MDMER MAX GRAB	MDMER MAX MONTHLY MEAN	2AM-MEL1631 MEL-14 MAX GRAB	2AM-MEL1631 MEL-14 MAX MEAN	Unit			
WQ02- Conventional Parameters								
pH	9.5	9.5	9.5	9.5	**pH units**	7.66	7.61	7.57
Dissolved Oxygen					**mg/L**	9.96	11.4	8.7
Turbidity					**NTU**	1.0	0.8	1.8
Conductivity					**ms/cm**	3.35	3.45	3.32
Hardness, as CaCO3					**mg/L**	713	667	638
Total alkalinity, as CaCO3					**mg/L**	94	93	91
Carbonate, as CaCO3					**mg/L**	< 1.0	< 1.0	<1.0
Bicarbonate, as CaCO3					**mg/L**	93	93	91
TDS			4500	3500	**mg/L**	2130	2180	2170
TDS, calculated			4500	3500	**mg/L**	2000	2100	1900
TSS	30	15	30	15	**mg/L**	5	5	5
Total organic carbon					**mg/L**	9.6	9.8	<0.020
Dissolved organic carbon					**mg/L**	9.1	9.0	8.7
WQ03- Major Ions								
Chloride					**mg/L**	730	740	680
Cyanide	1	0.5	1	0.5	**mg/L**	0.00146	0.00354	0.00207
Cyanide (free)					**mg/L**	< 0.0020	< 0.0020	< 0.0021
Cyanide (WAD)					**mg/L**	0.00077	0.0020	0.0013
Silica					**mg/L**	2.6	3.0	3
Sulfate					**mg/L**	420	460	420
WQ04- Nutrients and Chlorophyll a								
Ammonia Nitrogen (as N)			18	14	**mg/L**	2.7	3.3	3.7
Nitrate (as N)					**mg/L**	15.1	19.2	19.4
Nitrite (as N)					**mg/L**	0.402	0.441	0.363
Total Kjeldahl nitrogen					**mg/L**	4.2	3.0	5.2
Total phosphorus			4	2	**mg/L**	< 0.020	0.033	<0.020
Orthophosphate (P)					**mg/L**	< 0.010	< 0.010	<0.010
WQ06- Total Metals								
Aluminum			3	2	**mg/L**	0.677	0.649	0.838
Antimony					**mg/L**	0.0012	< 0.0010	0.0093
Arsenic	0.6	0.3	0.6	0.3	**mg/L**	0.00725	0.00633	0.00437
Barium					**mg/L**	0.0636	0.0517	0.0479
Beryllium					**mg/L**	< 0.00020	< 0.00020	<0.00010
Boron					**mg/L**	0.26	0.28	0.278
Cadmium					**mg/L**	< 0.000020	< 0.000020	0.000025
Chromium					**mg/L**	< 0.0020	< 0.0020	<0.0010

Cobalt					mg/L	0.00225	0.00204	0.00189
Copper	0.6	0.3	0.4	0.2	mg/L	0.0022	0.0021	0.00223
Iron					mg/L	0.039	0.027	0.028
Lead	0.2	0.1	0.2	0.1	mg/L	< 0.00040	< 0.00040	0.00021
Lithium					mg/L	0.0346	0.0274	0.0261
Manganese					mg/L	0.201	0.182	0.148
Mercury					mg/L	< 0.00001	< 0.00001	-
Molybdenum					mg/L	0.0057	0.0050	0.0044
Nickel	1	0.5	1	0.5	mg/L	0.0133	0.0125	0.0119
Selenium					mg/L	0.00132	0.00126	0.00121
Silver					mg/L	< 0.000040	< 0.000040	<0.000020
Strontium					mg/L	1.97	1.74	1.61
Thallium					mg/L	0.000024	0.000026	0.000021
Tin					mg/L	< 0.010	< 0.010	<0.0050
Titanium					mg/L	< 0.010	< 0.010	<0.0050
Uranium					mg/L	0.00424	0.00446	0.00361
Vanadium					mg/L	< 0.010	< 0.010	<0.0050
Zinc	1	0.5	0.8	0.4	mg/L	< 0.010	< 0.010	0.0065
WQ07- Dissolved Metals								
Aluminum			3	2	mg/L	0.148	0.126	0.132
Antimony					mg/L	0.0011	0.0011	0.00108
Arsenic	0.6	0.3	0.6	0.3	mg/L	0.00404	0.00395	0.00279
Barium					mg/L	0.0617	0.0577	0.0479
Beryllium					mg/L	< 0.00020	< 0.00020	<0.00010
Boron					mg/L	0.30	0.32	0.340
Cadmium					mg/L	0.000022	< 0.000020	0.000030
Calcium (Dissolved)					mg/L	204	187	220
Chromium					mg/L	< 0.0020	< 0.0020	<0.0010
Cobalt					mg/L	0.00221	0.00221	0.00232
Copper	0.6	0.3	0.4	0.2	mg/L	0.00228	0.00224	0.00231
Iron					mg/L	< 0.010	< 0.010	<0.0050
Lead	0.2	0.1	0.2	0.1	mg/L	< 0.00040	< 0.00040	<0.00020
Lithium					mg/L	0.0347	0.0305	0.0317
Magnesium (Dissolved)					mg/L	61.2	66.3	65.2
Manganese					mg/L	0.209	0.203	0.181
Mercury					mg/L	< 0.00001	< 0.00001	<0.00001
Molybdenum					mg/L	0.0061	0.0056	0.0054
Nickel	1	0.5	1	0.5	mg/L	0.0135	0.0140	0.0146
Potassium (Dissolved)					mg/L	28.3	27.0	33
Selenium					mg/L	0.00120	0.00139	0.00149
Silver					mg/L	< 0.000040	< 0.000040	<0.000020
Sodium (Dissolved)					mg/L	336	347	281
Strontium					mg/L	2.10	1.90	2.01
Thallium					mg/L	0.000023	0.000027	0.000029

Tin					**mg/L**	< 0.010	< 0.010	<0.0050
Titanium					**mg/L**	< 0.010	< 0.010	<0.0050
Uranium					**mg/L**	0.00506	0.00465	0.00405
Vanadium					**mg/L**	< 0.010	< 0.010	<0.0050
Zinc	1	0.5	0.8	0.4	**mg/L**	< 0.010	< 0.010	0.0063
WQ08- Radionuclides								
Radium-226	1.11	0.37			**Bq/l**	< 0.0050	0.010	<0.0050
WQ09- Toxicity								
Daphnia 48 h static acute test - LC50					**%**	>100	-	-
Daphnia 48 h Static Acute Test - EC50					**%**	>100	-	-
LC50 (96h) - Rainbow Trout					**%**	>100	-	-
WQ10- Volatile Organics								
Benzene					**mg/L**	< 0.00020	< 0.00020	< 0.00020
Ethylbenzene					**mg/L**	< 0.00020	< 0.00020	< 0.00020
Toluene					**mg/L**	< 0.00020	< 0.00020	< 0.00020
Xylenes					**mg/L**	< 0.00040	< 0.00040	< 0.00040
m,p-Xylenes					**mg/L**	< 0.00040	< 0.00040	< 0.00040
o-Xylene					**mg/L**	< 0.00020	< 0.00020	< 0.00020
F1 (C6-C10)-BTEX					**mg/L**	< 0.025	< 0.025	< 0.025
F1 (C6-C10)					**mg/L**	< 0.025	< 0.025	< 0.025
F2 (C10-C16)					**mg/L**	< 0.09	< 0.09	< 0.09
F3 (C16-C34)					**mg/L**	< 0.2	< 0.2	< 0.2
F4 (C34-C50)					**mg/L**	< 0.2	< 0.2	< 0.2

MEL-15		10/5/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.76
Turbidity	**NTU**	0.7
Conductivity	**ms/cm**	0.194
Hardness, as CaCO3	**mg/L**	60.1
Total alkalinity, as CaCO3	**mg/L**	50
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	50
TDS	**mg/L**	75
TDS, calculated	**mg/L**	99
TSS	**mg/L**	2
Total organic carbon	**mg/L**	6.1
Dissolved organic carbon	**mg/L**	6.2
WQ03- Major Ions		
Chloride	**mg/L**	14
Cyanide	**mg/L**	0.00059
Cyanide (free)	**mg/L**	< 0.0020
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	1.7
Sulfate	**mg/L**	19
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	< 0.050
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.47
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0051
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00172
Barium	**mg/L**	0.0141
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00067
Iron	**mg/L**	0.072
Lead	**mg/L**	< 0.00020

Lithium	**mg/L**	< 0.0020
Manganese	**mg/L**	0.0072
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Strontium	**mg/L**	0.100
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	0.0038
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00182
Barium	**mg/L**	0.0174
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	24.2
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00087
Iron	**mg/L**	0.0425
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Magnesium (Dissolved)	**mg/L**	3.14
Manganese	**mg/L**	0.0022
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	0.0011
Potassium (Dissolved)	**mg/L**	1.43
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	7.12
Strontium	**mg/L**	0.122
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050

MEL-16		10/5/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.78
Turbidity	**NTU**	0.6
Conductivity	**ms/cm**	0.217
Hardness, as CaCO3	**mg/L**	69.3
Total alkalinity, as CaCO3	**mg/L**	48
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	48
TDS	**mg/L**	100
TDS, calculated	**mg/L**	110
TSS	**mg/L**	3
Total organic carbon	**mg/L**	6.2
Dissolved organic carbon	**mg/L**	5.5
WQ03- Major Ions		
Chloride	**mg/L**	24
Cyanide	**mg/L**	0.00059
Cyanide (free)	**mg/L**	< 0.0020
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	1.2
Sulfate	**mg/L**	17
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	< 0.050
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.54
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0106
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00693
Barium	**mg/L**	0.0297
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00153
Iron	**mg/L**	0.071
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020

Manganese	**mg/L**	0.0070
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Strontium	**mg/L**	0.120
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	0.0078
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00686
Barium	**mg/L**	0.0332
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	25.1
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00145
Iron	**mg/L**	0.0321
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	< 0.0020
Magnesium (Dissolved)	**mg/L**	3.58
Manganese	**mg/L**	0.0029
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	< 0.0010
Potassium (Dissolved)	**mg/L**	1.95
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	8.55
Strontium	**mg/L**	0.130
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	0.00011
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050

MEL-17		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.70
Turbidity	**NTU**	0.5
Conductivity	**ms/cm**	0.576
Hardness, as CaCO3	**mg/L**	164
Total alkalinity, as CaCO3	**mg/L**	46
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	45
TDS	**mg/L**	355
TDS, calculated	**mg/L**	320
TSS	**mg/L**	1
Total organic carbon	**mg/L**	10
Dissolved organic carbon	**mg/L**	10
WQ03- Major Ions		
Chloride	**mg/L**	60
Cyanide	**mg/L**	0.00098
Cyanide (free)	**mg/L**	< 0.0020
Cyanide (WAD)	**mg/L**	0.00093
Silica	**mg/L**	5.1
Sulfate	**mg/L**	130
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	0.074
Nitrate (as N)	**mg/L**	0.47
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.77
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0086
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00102
Barium	**mg/L**	0.0427
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00154
Iron	**mg/L**	0.237
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	0.0048

Manganese	**mg/L**	0.0520
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	0.0035
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Strontium	**mg/L**	0.337
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	0.00016
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	0.0100
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00111
Barium	**mg/L**	0.0517
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	64.1
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00164
Iron	**mg/L**	0.196
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	0.0061
Magnesium (Dissolved)	**mg/L**	9.96
Manganese	**mg/L**	0.0530
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	0.0039
Potassium (Dissolved)	**mg/L**	3.19
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	27.6
Strontium	**mg/L**	0.411
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	0.00017
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050

MEL-18		10/5/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.71
Turbidity	**NTU**	0.9
Conductivity	**ms/cm**	0.328
Hardness, as CaCO3	**mg/L**	101
Total alkalinity, as CaCO3	**mg/L**	54
Carbonate, as CaCO3	**mg/L**	< 1.0
Bicarbonate, as CaCO3	**mg/L**	53
TDS	**mg/L**	195
TDS, calculated	**mg/L**	170
TSS	**mg/L**	2
Total organic carbon	**mg/L**	6.5
Dissolved organic carbon	**mg/L**	6.4
WQ03- Major Ions		
Chloride	**mg/L**	43
Cyanide	**mg/L**	0.00059
Cyanide (free)	**mg/L**	< 0.0020
Cyanide (WAD)	**mg/L**	< 0.00050
Silica	**mg/L**	1.8
Sulfate	**mg/L**	34
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	0.15
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total Kjeldahl nitrogen	**mg/L**	0.51
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0082
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00368
Barium	**mg/L**	0.0241
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00133
Iron	**mg/L**	0.078
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	0.0107

Manganese	**mg/L**	0.0099
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	0.0010
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Strontium	**mg/L**	0.249
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	< 0.00010
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	0.0032
Antimony	**mg/L**	< 0.00050
Arsenic	**mg/L**	0.00349
Barium	**mg/L**	0.0281
Beryllium	**mg/L**	< 0.00010
Boron	**mg/L**	< 0.050
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	38.3
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00108
Iron	**mg/L**	0.0313
Lead	**mg/L**	< 0.00020
Lithium	**mg/L**	0.0118
Magnesium (Dissolved)	**mg/L**	5.52
Manganese	**mg/L**	0.0036
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010
Nickel	**mg/L**	0.0012
Potassium (Dissolved)	**mg/L**	2.16
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	12.0
Strontium	**mg/L**	0.279
Thallium	**mg/L**	< 0.000010
Tin	**mg/L**	< 0.0050
Titanium	**mg/L**	< 0.0050
Uranium	**mg/L**	0.00012
Vanadium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050

MEL-19		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.88
Turbidity	**NTU**	7.0
Hardness, as CaCO3	**mg/L**	928
Total alkalinity, as CaCO3	**mg/L**	120
TDS	**mg/L**	3160
TDS, calculated	**mg/L**	2800
TSS	**mg/L**	11
WQ03- Major Ions		
Chloride	**mg/L**	960
Cyanide	**mg/L**	0.00710
Fluoride	**mg/L**	0.20
Silica	**mg/L**	4.3
Sulfate	**mg/L**	680
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	4.1
Nitrate (as N)	**mg/L**	18.7
Nitrite (as N)	**mg/L**	0.119
Total phosphorus	**mg/L**	0.038
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.211
Arsenic	**mg/L**	0.0131
Barium	**mg/L**	0.0734
Cadmium	**mg/L**	0.000052
Chromium	**mg/L**	< 0.0020
Copper	**mg/L**	0.0055
Iron	**mg/L**	0.396
Lead	**mg/L**	0.00065
Manganese	**mg/L**	0.418
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0044
Nickel	**mg/L**	0.0505
Selenium	**mg/L**	0.00257
Silver	**mg/L**	< 0.000040
Thallium	**mg/L**	0.000031
Titanium	**mg/L**	< 0.010
Zinc	**mg/L**	< 0.010
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	227

Magnesium (Dissolved)	**mg/L**	97.2
Potassium (Dissolved)	**mg/L**	39.5
Sodium (Dissolved)	**mg/L**	626

MEL-20		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.66
Turbidity	**NTU**	3.5
Conductivity	**ms/cm**	4.32
Hardness, as CaCO3	**mg/L**	778
Total alkalinity, as CaCO3	**mg/L**	94
TDS	**mg/L**	2850
TDS, calculated	**mg/L**	2600
TSS	**mg/L**	7
Total organic carbon	**mg/L**	11
WQ03- Major Ions		
Chloride	**mg/L**	870
Cyanide	**mg/L**	0.00992
Cyanide (free)	**mg/L**	0.0024
Cyanide (WAD)	**mg/L**	0.0051
Silica	**mg/L**	4.3
Sulfate	**mg/L**	580
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	14
Nitrate (as N)	**mg/L**	44.3
Nitrite (as N)	**mg/L**	0.689
Nitrate + nitrite (as N)	**mg/L**	45.0
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0862
Arsenic	**mg/L**	0.0482
Barium	**mg/L**	0.0456
Cadmium	**mg/L**	0.000120
Chromium	**mg/L**	< 0.0020
Copper	**mg/L**	0.0042
Iron	**mg/L**	0.210
Lead	**mg/L**	0.00190
Manganese	**mg/L**	0.390
Mercury	**mg/L**	< 0.00001

Molybdenum	**mg/L**	0.0044
Nickel	**mg/L**	0.0314
Selenium	**mg/L**	0.00279
Silver	**mg/L**	< 0.000040
Thallium	**mg/L**	0.000034
Titanium	**mg/L**	< 0.010
Zinc	**mg/L**	< 0.010
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	225
Magnesium (Dissolved)	**mg/L**	94.0
Potassium (Dissolved)	**mg/L**	34.3
Sodium (Dissolved)	**mg/L**	564

MEL-21		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.93
Turbidity	**NTU**	5.2
Hardness, as CaCO3	**mg/L**	425
Total alkalinity, as CaCO3	**mg/L**	94
TDS	**mg/L**	1140
TDS, calculated	**mg/L**	920
TSS	**mg/L**	7
WQ03- Major Ions		
Chloride	**mg/L**	230
Cyanide	**mg/L**	0.00586
Fluoride	**mg/L**	< 0.10
Silica	**mg/L**	5.1
Sulfate	**mg/L**	300
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	1.0
Nitrate (as N)	**mg/L**	6.58
Nitrite (as N)	**mg/L**	0.082
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.0773
Arsenic	**mg/L**	0.0114
Barium	**mg/L**	0.0495
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010

Copper	**mg/L**	0.00315
Iron	**mg/L**	0.296
Lead	**mg/L**	0.00042
Manganese	**mg/L**	0.172
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0032
Nickel	**mg/L**	0.0109
Selenium	**mg/L**	0.00076
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	0.000015
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	138
Magnesium (Dissolved)	**mg/L**	30.2
Potassium (Dissolved)	**mg/L**	11.3
Sodium (Dissolved)	**mg/L**	125

MEL-22		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.88
Turbidity	**NTU**	21
Hardness, as CaCO3	**mg/L**	636
Total alkalinity, as CaCO3	**mg/L**	100
TDS	**mg/L**	2120
TDS, calculated	**mg/L**	1700
TSS	**mg/L**	4
WQ03- Major Ions		
Chloride	**mg/L**	570
Cyanide	**mg/L**	0.0105
Fluoride	**mg/L**	0.10
Silica	**mg/L**	4.0
Sulfate	**mg/L**	380
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	4.1
Nitrate (as N)	**mg/L**	13.3
Nitrite (as N)	**mg/L**	0.208
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		

Aluminum	**mg/L**	0.0785
Arsenic	**mg/L**	0.00968
Barium	**mg/L**	0.0410
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00252
Iron	**mg/L**	0.191
Lead	**mg/L**	0.00050
Manganese	**mg/L**	0.172
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0054
Nickel	**mg/L**	0.0225
Selenium	**mg/L**	0.00104
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	0.000030
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	214
Magnesium (Dissolved)	**mg/L**	64.9
Potassium (Dissolved)	**mg/L**	29.5
Sodium (Dissolved)	**mg/L**	292

MEL-23		10/6/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.83
Turbidity	**NTU**	1.8
Hardness, as CaCO3	**mg/L**	1170
Total alkalinity, as CaCO3	**mg/L**	130
TDS	**mg/L**	4380
TDS, calculated	**mg/L**	4000
TSS	**mg/L**	7
WQ03- Major Ions		
Chloride	**mg/L**	1300
Cyanide	**mg/L**	0.00925
Fluoride	**mg/L**	0.24
Silica	**mg/L**	4.7
Sulfate	**mg/L**	1100
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	7.4

Nitrate (as N)	**mg/L**	29.7
Nitrite (as N)	**mg/L**	0.578
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ06- Total Metals		
Aluminum	**mg/L**	0.046
Arsenic	**mg/L**	0.0131
Barium	**mg/L**	0.0318
Cadmium	**mg/L**	< 0.000050
Chromium	**mg/L**	< 0.0050
Copper	**mg/L**	0.0027
Iron	**mg/L**	0.083
Lead	**mg/L**	< 0.0010
Manganese	**mg/L**	0.350
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0101
Nickel	**mg/L**	0.0981
Selenium	**mg/L**	0.00264
Silver	**mg/L**	< 0.00010
Thallium	**mg/L**	< 0.000050
Titanium	**mg/L**	< 0.025
Zinc	**mg/L**	< 0.025
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	265
Magnesium (Dissolved)	**mg/L**	180
Potassium (Dissolved)	**mg/L**	65.1
Sodium (Dissolved)	**mg/L**	852

MEL-24		10/1/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.38
Turbidity	**NTU**	41
Hardness, as CaCO3	**mg/L**	750
Total alkalinity, as CaCO3	**mg/L**	150
TDS	**mg/L**	2080
TDS, calculated	**mg/L**	1900
TSS	**mg/L**	34
WQ03- Major Ions		
Chloride	**mg/L**	480
Cyanide	**mg/L**	0.0657
Fluoride	**mg/L**	0.21

Silica	**mg/L**	10
Sulfate	**mg/L**	730
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	19
Nitrate (as N)	**mg/L**	1.29
Nitrite (as N)	**mg/L**	0.092
Total phosphorus	**mg/L**	0.46
Orthophosphate (P)	**mg/L**	0.049
WQ06- Total Metals		
Aluminum	**mg/L**	0.674
Arsenic	**mg/L**	0.371
Barium	**mg/L**	0.0495
Cadmium	**mg/L**	0.000140
Chromium	**mg/L**	0.0065
Copper	**mg/L**	0.0282
Iron	**mg/L**	2.90
Lead	**mg/L**	0.0178
Manganese	**mg/L**	0.284
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0362
Nickel	**mg/L**	0.0183
Selenium	**mg/L**	0.00351
Silver	**mg/L**	0.000120
Thallium	**mg/L**	0.000032
Titanium	**mg/L**	0.020
Zinc	**mg/L**	0.309
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	286
Magnesium (Dissolved)	**mg/L**	26.2
Potassium (Dissolved)	**mg/L**	62.9
Sodium (Dissolved)	**mg/L**	220

MEL-SR1		10/4/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	8.06
Turbidity	**NTU**	0.7
Hardness, as CaCO3	**mg/L**	361
Total alkalinity, as CaCO3	**mg/L**	180
TDS	**mg/L**	910
TDS, calculated	**mg/L**	800

TSS	**mg/L**	2
WQ03- Major Ions		
Chloride	**mg/L**	200
Cyanide	**mg/L**	< 0.00050
Fluoride	**mg/L**	0.12
Silica	**mg/L**	4.3
Sulfate	**mg/L**	210
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	0.45
Nitrate (as N)	**mg/L**	0.64
Nitrite (as N)	**mg/L**	< 0.010
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ05- General Organics		
Total oil and grease	**mg/L**	< 0.50
WQ06- Total Metals		
Aluminum	**mg/L**	0.0204
Arsenic	**mg/L**	0.00289
Barium	**mg/L**	0.0449
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00304
Iron	**mg/L**	0.077
Lead	**mg/L**	< 0.00020
Manganese	**mg/L**	0.0194
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0015
Nickel	**mg/L**	0.0141
Selenium	**mg/L**	0.00010
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	< 0.000010
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	0.0085
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	125
Magnesium (Dissolved)	**mg/L**	26.1
Potassium (Dissolved)	**mg/L**	12.4
Sodium (Dissolved)	**mg/L**	113

MEL-SR11		10/4/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	8.05
Turbidity	**NTU**	0.2
Hardness, as CaCO3	**mg/L**	218
Hardness, as CaCO3-Dissolved	**mg/L**	262
Total alkalinity, as CaCO3	**mg/L**	110
TDS	**mg/L**	485
TDS, calculated	**mg/L**	470
TSS	**mg/L**	1
WQ03- Major Ions		
Chloride	**mg/L**	64
Cyanide	**mg/L**	< 0.00050
Fluoride	**mg/L**	0.25
Silica	**mg/L**	4.9
Sulfate	**mg/L**	180
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	< 0.050
Nitrate (as N)	**mg/L**	1.72
Nitrite (as N)	**mg/L**	< 0.010
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ05- General Organics		
Total oil and grease	**mg/L**	< 0.50
WQ06- Total Metals		
Aluminum	**mg/L**	0.0038
Arsenic	**mg/L**	0.00137
Barium	**mg/L**	0.0263
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00087
Iron	**mg/L**	0.011
Lead	**mg/L**	< 0.00020
Manganese	**mg/L**	< 0.0010
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0038
Nickel	**mg/L**	0.0014
Selenium	**mg/L**	0.00032
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	< 0.000010
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050

WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	72.3
Magnesium (Dissolved)	**mg/L**	19.8
Potassium (Dissolved)	**mg/L**	13.6
Sodium (Dissolved)	**mg/L**	46.5

MEL-SR12		10/4/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	8.01
Turbidity	**NTU**	0.3
Hardness, as CaCO3	**mg/L**	213
Total alkalinity, as CaCO3	**mg/L**	86
TDS	**mg/L**	520
TDS, calculated	**mg/L**	470
TSS	**mg/L**	< 1
WQ03- Major Ions		
Chloride	**mg/L**	140
Cyanide	**mg/L**	0.00072
Fluoride	**mg/L**	< 0.10
Silica	**mg/L**	4.7
Sulfate	**mg/L**	120
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	< 0.050
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ05- General Organics		
Total oil and grease	**mg/L**	< 0.50
WQ06- Total Metals		
Aluminum	**mg/L**	0.0061
Arsenic	**mg/L**	0.00085
Barium	**mg/L**	0.0584
Cadmium	**mg/L**	< 0.000010
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00236
Iron	**mg/L**	0.021
Lead	**mg/L**	< 0.00020
Manganese	**mg/L**	< 0.0010
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	< 0.0010

Nickel	**mg/L**	0.0015
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	< 0.000010
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	72.6
Magnesium (Dissolved)	**mg/L**	12.7
Potassium (Dissolved)	**mg/L**	5.90
Sodium (Dissolved)	**mg/L**	64.8

MEL-SR13		10/4/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	8.06
Turbidity	**NTU**	0.2
Hardness, as CaCO3	**mg/L**	295
Total alkalinity, as CaCO3	**mg/L**	160
TDS	**mg/L**	790
TDS, calculated	**mg/L**	710
TSS	**mg/L**	2
WQ03- Major Ions		
Chloride	**mg/L**	170
Cyanide	**mg/L**	0.00061
Fluoride	**mg/L**	0.13
Silica	**mg/L**	4.4
Sulfate	**mg/L**	200
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	0.056
Nitrate (as N)	**mg/L**	0.13
Nitrite (as N)	**mg/L**	< 0.010
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ05- General Organics		
Total oil and grease	**mg/L**	< 0.50
WQ06- Total Metals		
Aluminum	**mg/L**	0.0166
Arsenic	**mg/L**	0.00054
Barium	**mg/L**	0.0294
Cadmium	**mg/L**	< 0.000010

Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00476
Iron	**mg/L**	0.032
Lead	**mg/L**	< 0.00020
Manganese	**mg/L**	< 0.0010
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0010
Nickel	**mg/L**	0.0028
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	< 0.000010
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	0.0147
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	104
Magnesium (Dissolved)	**mg/L**	26.1
Potassium (Dissolved)	**mg/L**	9.92
Sodium (Dissolved)	**mg/L**	97.2

MEL-SR14		10/4/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.88
Turbidity	**NTU**	0.4
Hardness, as CaCO3	**mg/L**	446
Total alkalinity, as CaCO3	**mg/L**	120
TDS	**mg/L**	1430
TDS, calculated	**mg/L**	1200
TSS	**mg/L**	< 1
WQ03- Major Ions		
Chloride	**mg/L**	390
Cyanide	**mg/L**	0.00083
Fluoride	**mg/L**	0.14
Silica	**mg/L**	4.9
Sulfate	**mg/L**	360
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	0.070
Nitrate (as N)	**mg/L**	< 0.10
Nitrite (as N)	**mg/L**	< 0.010
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010

WQ05- General Organics		
Total oil and grease	**mg/L**	< 0.50
WQ06- Total Metals		
Aluminum	**mg/L**	0.0183
Arsenic	**mg/L**	0.00071
Barium	**mg/L**	0.0630
Cadmium	**mg/L**	0.000011
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.0126
Iron	**mg/L**	0.039
Lead	**mg/L**	< 0.00020
Manganese	**mg/L**	0.0586
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0020
Nickel	**mg/L**	0.0067
Selenium	**mg/L**	0.00025
Silver	**mg/L**	< 0.000020
Thallium	**mg/L**	0.000026
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	0.139
WQ07- Dissolved Metals		
Calcium (Dissolved)	**mg/L**	133
Magnesium (Dissolved)	**mg/L**	44.7
Potassium (Dissolved)	**mg/L**	12.6

MEL-SR15		10/4/2024	10/6/2024
Parameter	**Unit**		
WQ02- Conventional Parameters			
pH	**pH units**	7.68	7.77
Turbidity	**NTU**	34	0.9
Hardness, as CaCO3	**mg/L**	154	127
Total alkalinity, as CaCO3	**mg/L**	70	62
TDS	**mg/L**	370	335
TDS, calculated	**mg/L**	320	310
TSS	**mg/L**	140	2
WQ03- Major Ions			
Chloride	**mg/L**	130	120
Cyanide	**mg/L**	0.00059	< 0.00050
Fluoride	**mg/L**	< 0.10	< 0.10
Silica	**mg/L**	2.1	1.6
Sulfate	**mg/L**	41	39
WQ04- Nutrients and Chlorophyll a			
Ammonia Nitrogen (as N)	**mg/L**	< 0.050	< 0.050

Nitrate (as N)	**mg/L**	< 0.10	< 0.10
Nitrite (as N)	**mg/L**	< 0.010	< 0.010
Total phosphorus	**mg/L**	0.21	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010	< 0.010
WQ05- General Organics			
Total oil and grease	**mg/L**	< 0.50	< 0.50
WQ06- Total Metals			
Aluminum	**mg/L**	4.98	0.0159
Arsenic	**mg/L**	0.0151	0.00131
Barium	**mg/L**	0.0901	0.0401
Cadmium	**mg/L**	0.000047	< 0.000010
Chromium	**mg/L**	0.0186	< 0.0010
Copper	**mg/L**	0.0338	0.00153
Iron	**mg/L**	8.70	0.152
Lead	**mg/L**	0.00557	< 0.00020
Manganese	**mg/L**	0.156	0.0093
Mercury	**mg/L**	< 0.00001	< 0.00001
Molybdenum	**mg/L**	0.0019	< 0.0010
Nickel	**mg/L**	0.0185	0.0017
Selenium	**mg/L**	0.00018	< 0.00010
Silver	**mg/L**	0.000032	< 0.000020
Thallium	**mg/L**	-	-
Titanium	**mg/L**	0.254	< 0.0050
Zinc	**mg/L**	0.0210	< 0.0050
WQ07- Dissolved Metals			
Calcium (Dissolved)	**mg/L**	44.6	40.1
Magnesium (Dissolved)	**mg/L**	9.08	9.38
Potassium (Dissolved)	**mg/L**	7.52	4.37
Sodium (Dissolved)	**mg/L**	52.6	55.6

MEL-SR16		10/4/2024
Parameter	**Unit**	
WQ02- Conventional Parameters		
pH	**pH units**	7.98
Turbidity	**NTU**	0.6
Hardness, as CaCO3	**mg/L**	205
Total alkalinity, as CaCO3	**mg/L**	90
TDS	**mg/L**	350
TDS, calculated	**mg/L**	320
TSS	**mg/L**	2
WQ03- Major Ions		
Chloride	**mg/L**	67
Cyanide	**mg/L**	0.00059

Fluoride	**mg/L**	< 0.10
Silica	**mg/L**	3.3
Sulfate	**mg/L**	88
WQ04- Nutrients and Chlorophyll a		
Ammonia Nitrogen (as N)	**mg/L**	< 0.050
Nitrate (as N)	**mg/L**	0.37
Nitrite (as N)	**mg/L**	< 0.010
Nitrate + nitrite (as N)	**mg/L**	0.37
Total phosphorus	**mg/L**	< 0.020
Orthophosphate (P)	**mg/L**	< 0.010
WQ05- General Organics		
Total oil and grease	**mg/L**	< 0.50
WQ06- Total Metals		
Aluminum	**mg/L**	0.0226
Arsenic	**mg/L**	0.00445
Barium	**mg/L**	0.0365
Cadmium	**mg/L**	< 0.000010
Calcium (total)	**mg/L**	61.9
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00205
Iron	**mg/L**	0.076
Lead	**mg/L**	< 0.00020
Magnesium (total)	**mg/L**	12.2
Manganese	**mg/L**	0.0077
Mercury	**mg/L**	< 0.00001
Molybdenum	**mg/L**	0.0011
Nickel	**mg/L**	0.0038
Potassium (total)	**mg/L**	4.89
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (total)	**mg/L**	19.1
Thallium	**mg/L**	-
Titanium	**mg/L**	< 0.0050
Zinc	**mg/L**	< 0.0050
WQ07- Dissolved Metals		
Aluminum	**mg/L**	0.0054
Arsenic	**mg/L**	0.00428
Barium	**mg/L**	0.0395
Cadmium	**mg/L**	< 0.000010
Calcium (Dissolved)	**mg/L**	64.7
Chromium	**mg/L**	< 0.0010
Copper	**mg/L**	0.00210
Iron	**mg/L**	0.0301
Lead	**mg/L**	< 0.00020

Magnesium (Dissolved)	**mg/L**	13.7
Manganese	**mg/L**	0.0061
Molybdenum	**mg/L**	0.0011
Nickel	**mg/L**	0.0038
Potassium (Dissolved)	**mg/L**	5.02
Selenium	**mg/L**	< 0.00010
Silver	**mg/L**	< 0.000020
Sodium (Dissolved)	**mg/L**	21.1
Thallium	**mg/L**	< 0.000010
Zinc	**mg/L**	< 0.0050