

MELIADINE GOLD PROJECT

MONTHLY ENVIRONMENTAL REPORT: JULY 2011

MELIADINE GOLD PROJECT
MONTHLY ENVIRONMENTAL REPORT

Executive summary

Environment

- The monthly report is delivered under water licence 2BB-MEL0914, PART J, items 13.
- Monthly monitoring program have been done on July 12th. Monitoring station MEL-3, MEL-3a, MEL-5 and MEL-6 where not sample this month because no effluent were observed at those stations during the sampling periode.
- An exceedance occurs at the monitoring station MEL-7 for the parameter oil & grease of 0.5 mg/L (maximum concentration 5.0 mg/l).
- MEL-7 faecal coliform results is not available. The time to get the samples to the laboratory exceeded 24 hours holding time. The results were therefore unreliable and have not been included in this report. MEL7 pH parameters were inadvertently missed during the sampling.
- The detailed results of the enhance Monthly Monitoring Programme (including results for monitoring station not subject to special attention under water licence 2BB-MEL0914, PART J, iteme 13) are available in APPENDIX 1: MONTHLY SAMPLING RESULTS.
- The detailed water usage by drill is not available, therefore, the result shown in table 1 is base on an estimate consumption calculated with an average use.
- Items 3 is not all available for this month (GPS coordinates for location where sources of water are utilized). Mel-1: 541 934 E 6 989 173 N
- Items 5 is not applicable this month. There was no effluent at MEL-5 and MEL-6 stations.
- Items 6 is not applicable this month. There was no drilling activites on ice
- On July 7th, 2011, an Indian and Northern Affairs Canada inspection have been held at the Meliadine Gold project site by the INAC representative, Inspector Ian Rumbolt.

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1. WATER USAGE (ITEMS 2)

Table 1. The consumption of fresh water for the site was 242.0 m³ /day for the month of July 2011

	July
Camp (m ³)	20.2
Drill (m ³)	221.8
Total for the month (m³)	242.0

2. MONITORING STATIONS (ITEMS 4)

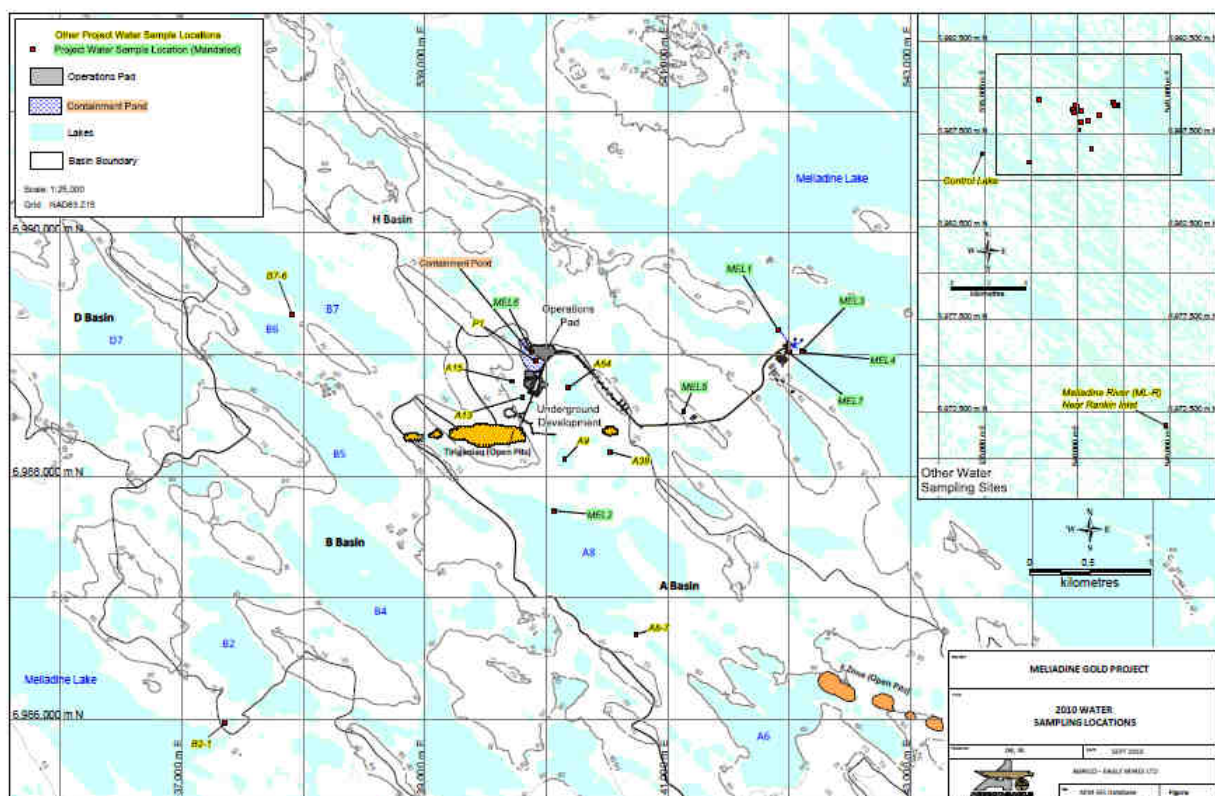
Table 2. Stations MEL-4 and MEL-7 lab results. All station have been sample on July 12th..

	BOD-5	TSS	Oil and Grease	Faecal Coliforms	pH
MEL-4	3.9	<5.0	<1.0	<1	7.59
MEL-7	6.0	90	5.5	NA*	NA

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APPENDIX 1: MONTHLY SAMPLING RESULTS



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A8-7					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.40
Biochemical Oxygen Demand	mg/L	1	Alkalinity Hydroxide (OH)	mg/L	<0.60
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	28.8
Phosphorus (P)-Total	mg/L	0.012	Conductivity	uhmos/cm	159.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	<0.0050	Hardness (as CaCO ₃)	mg/L	64.9
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00235	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0199	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	3.15
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	81.0
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	0.81
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.88
Calcium (Ca)-Total	mg/L	21.7			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00065			
Iron (Fe)-Total	mg/L	0.12			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	0.0051			
Magnesium (Mg)-Total	mg/L	2.63			
Manganese (Mn)-Total	mg/L	0.0			
Molybdenum (Mo)-Total	mg/L	<0.00020			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	1.1400			
Rubidium (Rb)-Total	mg/L	0.00124			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.512			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	4.09			
Strontium (Sr)-Total	mg/L	0.14			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	<0.00020			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	32.70			
Alkalinity Bicarbonate (HCO ₃)	mg/L	39.80	12-Jul		

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A8					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.5	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	29.3
Phosphorus (P)-Total	mg/L	0.01	Conductivity	uhmos/cm	160.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	<0.0050	Hardness (as CaCO ₃)	mg/L	64.4
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.0019	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0203	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	3.3
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	81.5
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	0.57
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.87
Calcium (Ca)-Total	mg/L	21.4			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.0006			
Iron (Fe)-Total	mg/L	0.11			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	0.006			
Magnesium (Mg)-Total	mg/L	2.68			
Manganese (Mn)-Total	mg/L	0.0			
Molybdenum (Mo)-Total	mg/L	<0.00020			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	1.1600			
Rubidium (Rb)-Total	mg/L	0.0013			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.358			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	4.1			
Strontium (Sr)-Total	mg/L	0.149			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	<0.00020			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	32.60			
Alkalinity Bicarbonate (HCO ₃)	mg/L	39.80	12-Jul		

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A9					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	2.5	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	113
Phosphorus (P)-Total	mg/L	0.019	Conductivity	uhmos/cm	501.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0059	Hardness (as CaCO ₃)	mg/L	213
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00405	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0706	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	15.8
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	259.0
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	1.53
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	8.10
Calcium (Ca)-Total	mg/L	71.8			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00234			
Iron (Fe)-Total	mg/L	0.23			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	0.0203			
Magnesium (Mg)-Total	mg/L	8.28			
Manganese (Mn)-Total	mg/L	0.0153			
Molybdenum (Mo)-Total	mg/L	0.00038			
Nickel (Ni)-Total	mg/L	0.0028			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	2.7			
Rubidium (Rb)-Total	mg/L	0.00291			
Selenium (Se)-Total	mg/L	0.0014			
Silicon (Si)-Total	mg/L	0.541			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	9.79			
Strontium (Sr)-Total	mg/L	0.542			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00045			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	0.00022			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	61.70			
Alkalinity Bicarbonate (HCO ₃)	mg/L	75.20	12-Jul		

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A13					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	2.3	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	85
Phosphorus (P)-Total	mg/L	0.014	Conductivity	uhmos/cm	369.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0126	Hardness (as CaCO ₃)	mg/L	159
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00293	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0527	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	6.13
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	186.0
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	1.26
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.97
Calcium (Ca)-Total	mg/L	53.9			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00182			
Iron (Fe)-Total	mg/L	0.34			
Lead (Pb)-Total	mg/L	0.000098			
Lithium (Li)-Total	mg/L	0.0136			
Magnesium (Mg)-Total	mg/L	5.96			
Manganese (Mn)-Total	mg/L	0.0140			
Molybdenum (Mo)-Total	mg/L	0.00031			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	2.0			
Rubidium (Rb)-Total	mg/L	0.00188			
Selenium (Se)-Total	mg/L	0.0011			
Silicon (Si)-Total	mg/L	0.509			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	7.6			
Strontium (Sr)-Total	mg/L	0.353			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00052			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	0.0002			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	42.40			
Alkalinity Bicarbonate (HCO ₃)	mg/L	51.70	12-Jul		

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A15					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.8	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	100
Phosphorus (P)-Total	mg/L	0.018	Conductivity	uhmos/cm	416.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0333	Hardness (as CaCO ₃)	mg/L	182
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00305	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0548	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	5.84
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	208.0
Boron (B)-Total	mg/L	0.011	Turbidity	NTU	2
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.97
Calcium (Ca)-Total	mg/L	62.5			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00178			
Iron (Fe)-Total	mg/L	0.44			
Lead (Pb)-Total	mg/L	0.000096			
Lithium (Li)-Total	mg/L	0.0166			
Magnesium (Mg)-Total	mg/L	6.29			
Manganese (Mn)-Total	mg/L	0.0092			
Molybdenum (Mo)-Total	mg/L	0.00094			
Nickel (Ni)-Total	mg/L	0.0022			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	2.0			
Rubidium (Rb)-Total	mg/L	0.00251			
Selenium (Se)-Total	mg/L	0.0017			
Silicon (Si)-Total	mg/L	0.826			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	6.48			
Strontium (Sr)-Total	mg/L	0.444			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00056			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	0.00021			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	41.50			
Alkalinity Bicarbonate (HCO ₃)	mg/L	50.60	12-Jul		

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A38					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	2.3	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	158
Phosphorus (P)-Total	mg/L	0.013	Conductivity	uhmos/cm	671.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0068	Hardness (as CaCO ₃)	mg/L	252
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.0046	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0618	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	33.9
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	370.0
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	1.3
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	8.21
Calcium (Ca)-Total	mg/L	79.9			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00204			
Iron (Fe)-Total	mg/L	0.27			
Lead (Pb)-Total	mg/L	0.000148			
Lithium (Li)-Total	mg/L	0.0173			
Magnesium (Mg)-Total	mg/L	12.8			
Manganese (Mn)-Total	mg/L	0.0099			
Molybdenum (Mo)-Total	mg/L	0.00053			
Nickel (Ni)-Total	mg/L	0.0029			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	5.5			
Rubidium (Rb)-Total	mg/L	0.00434			
Selenium (Se)-Total	mg/L	0.0015			
Silicon (Si)-Total	mg/L	0.154			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	36.3			
Strontium (Sr)-Total	mg/L	0.666			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00052			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	0.00033			
Vanadium (V)-Total	mg/L	0.00025			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	71.80			
Alkalinity Bicarbonate (HCO ₃)	mg/L	87.60	12-Jul		

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A54					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	0.121	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.9	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	209
Phosphorus (P)-Total	mg/L	0.014	Conductivity	uhmos/cm	815.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0063	Hardness (as CaCO ₃)	mg/L	296
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	1.18
Arsenic (As)-Total	mg/L	0.00356	Nitrate and Nitrite as N	mg/L	1.18
Barium (Ba)-Total	mg/L	0.0644	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	45.4
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	456.0
Boron (B)-Total	mg/L	0.014	Turbidity	NTU	1.13
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	8.11
Calcium (Ca)-Total	mg/L	91.5			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00148			
Iron (Fe)-Total	mg/L	0.2			
Lead (Pb)-Total	mg/L	0.000156			
Lithium (Li)-Total	mg/L	0.0223			
Magnesium (Mg)-Total	mg/L	16.5			
Manganese (Mn)-Total	mg/L	0.0079			
Molybdenum (Mo)-Total	mg/L	0.00064			
Nickel (Ni)-Total	mg/L	0.003			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	7.0			
Rubidium (Rb)-Total	mg/L	0.00569			
Selenium (Se)-Total	mg/L	0.0023			
Silicon (Si)-Total	mg/L	0.249			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	54			
Strontium (Sr)-Total	mg/L	0.789			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00055			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	0.00043			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	53.80			
Alkalinity Bicarbonate (HCO ₃)	mg/L	65.70	12-Jul		

MELIADINE GOLD PROJECT
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P1					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	3.5	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	33.1
Phosphorus (P)-Total	mg/L	0.037	Conductivity	uhmos/cm	313.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0149	Hardness (as CaCO ₃)	mg/L	158
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.0125	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0544	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	4.09
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	184.0
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	2.84
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	8.21
Calcium (Ca)-Total	mg/L	53.8			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	0.00119			
Copper (Cu)-Total	mg/L	0.00347			
Iron (Fe)-Total	mg/L	0.73			
Lead (Pb)-Total	mg/L	0.000344			
Lithium (Li)-Total	mg/L	<0.0020			
Magnesium (Mg)-Total	mg/L	5.82			
Manganese (Mn)-Total	mg/L	0.4520			
Molybdenum (Mo)-Total	mg/L	0.00076			
Nickel (Ni)-Total	mg/L	0.0038			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	2.9			
Rubidium (Rb)-Total	mg/L	0.00312			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.202			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	7.78			
Strontium (Sr)-Total	mg/L	0.311			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00055			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	0.00018			
Vanadium (V)-Total	mg/L	0.00022			
Zinc (Zn)-Total	mg/L	0.0118			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	127.00			
Alkalinity Bicarbonate (HCO ₃)	mg/L	155.00	12-Jul		

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MEL-1					
Parameters	Units	Results	Parameters	Units	Results
Aluminum (Al)-Total	mg/L	0.0063	Hardness (as CaCO ₃)	mg/L	20.1
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00037	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.00769	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	3.04
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	33.6
Boron (B)-Total	mg/L	<0.010	Turbidity	mg/L	0.54
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.63
Calcium (Ca)-Total	mg/L	6.31	Ammonia as N	mg/L	<0.050
Cesium (Cs)-Total	mg/L	<0.00010	Biochemical Oxygen Demand	mg/L	1.3
Chromium (Cr)-Total	mg/L	<0.0010	Mercury (Hg)-Total	mg/L	<0.000050
Cobalt (Co)-Total	mg/L	<0.00020	Phosphorus (P)-Total	mg/L	<0.010
Copper (Cu)-Total	mg/L	0.00086	Total Suspended Solids	mg/L	<5.0
Iron (Fe)-Total	mg/L	<0.10			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	<0.0020			
Magnesium (Mg)-Total	mg/L	1.06000			
Manganese (Mn)-Total	mg/L	0.0079			
Molybdenum (Mo)-Total	mg/L	<0.00020			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	0.74			
Rubidium (Rb)-Total	mg/L	0.0			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.228			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	3.9500			
Strontium (Sr)-Total	mg/L	0.0293			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00037			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	17.7			
Alkalinity Bicarbonate (HCO ₃)	mg/L	21.7			
Alkalinity Carbonate (CO ₃)	mg/L	<0.60			
Alkalinity Hydroxide (OH)	mg/L	<0.40			
chloride	mg/L	7.87			
Conductivity	umhos/cm	67.9			
Fluoride	mg/L	<0.10	12-Jul		

MELIADINE GOLD PROJECT
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MEL-4					
Parameters	Units	Results	Parameters	Units	Results
Aluminum (Al)-Total	mg/L	0.0059	Hardness (as CaCO ₃)	mg/L	19
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00035	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.00735	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	3.09
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	33.1
Boron (B)-Total	mg/L	<0.010	Turbidity	mg/L	0.55
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.59
Calcium (Ca)-Total	mg/L	5.97	Ammonia as N	mg/L	<0.050
Cesium (Cs)-Total	mg/L	<0.00010	Biochemical Oxygen Demand	mg/L	1.3
Chromium (Cr)-Total	mg/L	<0.0010	Mercury (Hg)-Total	mg/L	<0.000050
Cobalt (Co)-Total	mg/L	<0.00020	Phosphorus (P)-Total	mg/L	0.012
Copper (Cu)-Total	mg/L	0.0008	Total Suspended Solids	mg/L	<5.0
Iron (Fe)-Total	mg/L	<0.10	Biochemical Oxygen Demand	mg/L	3.9
Lead (Pb)-Total	mg/L	<0.000090	Fecal Coliforms	CFU/100mL	<1
Lithium (Li)-Total	mg/L	<0.0020	Oil & Grease-(IR)	mg/L	<1.0
Magnesium (Mg)-Total	mg/L	1.01000	Total Suspended Solids	mg/L	<5.0
Manganese (Mn)-Total	mg/L	0.01			
Molybdenum (Mo)-Total	mg/L	<0.00020			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	0.706			
Rubidium (Rb)-Total	mg/L	0.0			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.232			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	3.8300			
Strontium (Sr)-Total	mg/L	0.0289			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00031			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	17.7			
Alkalinity Bicarbonate (HCO ₃)	mg/L	21.6			
Alkalinity Carbonate (CO ₃)	mg/L	<0.60			
Alkalinity Hydroxide (OH)	mg/L	<0.40			
chloride	mg/L	7.9			
Conductivity	umhos/cm	67.5			
Fluoride	mg/L	<0.10	12-Jul		

MELIADINE GOLD PROJECT
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MEL-7					
Parameters	Units	Results	Parameters	Units	Results
Biochemical Oxygen Demand	mg/L	60			
Fecal Coliforms	CFU/100	OVERGROWN			
Oil & Grease-(IR)	mg/L	5.5			
Total Suspended Solids	mg/L	90			
			12-Jul		

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B7-6					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.5	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	30.9
Phosphorus (P)-Total	mg/L	0.013	Conductivity	uhmos/cm	160.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	<0.0050	Hardness (as CaCO ₃)	mg/L	64.9
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00156	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0244	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	2.62
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	80.2
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	0.81
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.85
Calcium (Ca)-Total	mg/L	22.6			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00068			
Iron (Fe)-Total	mg/L	0.13			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	0.0078			
Magnesium (Mg)-Total	mg/L	2.08			
Manganese (Mn)-Total	mg/L	0.0143			
Molybdenum (Mo)-Total	mg/L	<0.00020			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	1.1			
Rubidium (Rb)-Total	mg/L	0.00132			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.371			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	3.02			
Strontium (Sr)-Total	mg/L	0.183			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	<0.00020			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	29.70			
Alkalinity Bicarbonate (HCO ₃)	mg/L	36.20	12-Jul		

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B2-1					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.3	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	7.9
Phosphorus (P)-Total	mg/L	0.012	Conductivity	uhmos/cm	79.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0073	Hardness (as CaCO ₃)	mg/L	30.1
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00099	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0108	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	2.39
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	39.9
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	0.67
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.79
Calcium (Ca)-Total	mg/L	10.2			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00066			
Iron (Fe)-Total	mg/L	0.11			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	<0.0020			
Magnesium (Mg)-Total	mg/L	1.12			
Manganese (Mn)-Total	mg/L	0.0153			
Molybdenum (Mo)-Total	mg/L	0.00021			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	0.7			
Rubidium (Rb)-Total	mg/L	0.00078			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.157			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	2.49			
Strontium (Sr)-Total	mg/L	0.0472			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00033			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	25.10			
Alkalinity Bicarbonate (HCO ₃)	mg/L	30.70	12-Jul		

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Controle Lake					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.1	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	8.02
Phosphorus (P)-Total	mg/L	0.014	Conductivity	uhmos/cm	78.20
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0069	Hardness (as CaCO ₃)	mg/L	27.1
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00046	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.00881	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	1.89
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	40.8
Boron (B)-Total	mg/L	<0.010	Turbidity	NTU	0.6
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.79
Calcium (Ca)-Total	mg/L	9.07			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00082			
Iron (Fe)-Total	mg/L	<0.10			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	<0.0020			
Magnesium (Mg)-Total	mg/L	1.07			
Manganese (Mn)-Total	mg/L	0.0036			
Molybdenum (Mo)-Total	mg/L	<0.00020			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	1.0			
Rubidium (Rb)-Total	mg/L	0.00097			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.077			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	4.67			
Strontium (Sr)-Total	mg/L	0.0281			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00025			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	25.30			
Alkalinity Bicarbonate (HCO ₃)	mg/L	30.80	12-Jul		

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Char River					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	<1.0	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	18.2
Phosphorus (P)-Total	mg/L	0.012	Conductivity	uhmos/cm	120.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0114	Hardness (as CaCO ₃)	mg/L	34.8
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00032	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0145	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	4.99
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	64.0
Boron (B)-Total	mg/L	0.014	Turbidity	NTU	0.51
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	7.83
Calcium (Ca)-Total	mg/L	10.5			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00119			
Iron (Fe)-Total	mg/L	<0.10			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	<0.0020			
Magnesium (Mg)-Total	mg/L	2.09			
Manganese (Mn)-Total	mg/L	0.0032			
Molybdenum (Mo)-Total	mg/L	0.00033			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	1.5			
Rubidium (Rb)-Total	mg/L	0.00199			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.231			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	10.5			
Strontium (Sr)-Total	mg/L	0.055			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00055			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	<0.00010			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	27.00			
Alkalinity Bicarbonate (HCO ₃)	mg/L	33.00	12-Jul		

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Nippisar Lake					
Parameters	Units	Results	Parameters	Units	Results
Ammonia as N	mg/L	<0.050	Alkalinity Carbonate (CO ₃)	mg/L	<0.60
Biochemical Oxygen Demand	mg/L	1.3	Alkalinity Hydroxide (OH)	mg/L	<0.40
Mercury (Hg)-Total	mg/L	<0.000050	Chloride	mg/L	35.7
Phosphorus (P)-Total	mg/L	0.017	Conductivity	uhmos/cm	214.00
Total Suspended Solids	mg/L	<5.0	Fluoride	mg/L	<0.10
Aluminum (Al)-Total	mg/L	0.0203	Hardness (as CaCO ₃)	mg/L	59.5
Antimony (Sb)-Total	mg/L	<0.00020	Nitrate-N	mg/L	<0.050
Arsenic (As)-Total	mg/L	0.00064	Nitrate and Nitrite as N	mg/L	<0.071
Barium (Ba)-Total	mg/L	0.0191	Nitrite-N	mg/L	<0.050
Beryllium (Be)-Total	mg/L	<0.00020	Sulfate	mg/L	12.6
Bismuth (Bi)-Total	mg/L	<0.00020	TDS (Calculated)	mg/L	120.0
Boron (B)-Total	mg/L	0.038	Turbidity	NTU	0.97
Cadmium (Cd)-Total	mg/L	<0.000010	pH	pH units	8.06
Calcium (Ca)-Total	mg/L	17			
Cesium (Cs)-Total	mg/L	<0.00010			
Chromium (Cr)-Total	mg/L	<0.0010			
Cobalt (Co)-Total	mg/L	<0.00020			
Copper (Cu)-Total	mg/L	0.00095			
Iron (Fe)-Total	mg/L	<0.10			
Lead (Pb)-Total	mg/L	<0.000090			
Lithium (Li)-Total	mg/L	<0.0020			
Magnesium (Mg)-Total	mg/L	4.12			
Manganese (Mn)-Total	mg/L	0.0086			
Molybdenum (Mo)-Total	mg/L	0.00046			
Nickel (Ni)-Total	mg/L	<0.0020			
Phosphorus (P)-Total	mg/L	<0.20			
Potassium (K)-Total	mg/L	2.4			
Rubidium (Rb)-Total	mg/L	0.00164			
Selenium (Se)-Total	mg/L	<0.0010			
Silicon (Si)-Total	mg/L	0.066			
Silver (Ag)-Total	mg/L	<0.00010			
Sodium (Na)-Total	mg/L	21.4			
Strontium (Sr)-Total	mg/L	0.0825			
Tellurium (Te)-Total	mg/L	<0.00020			
Thallium (Tl)-Total	mg/L	<0.00010			
Thorium (Th)-Total	mg/L	<0.00010			
Tin (Sn)-Total	mg/L	<0.00020			
Titanium (Ti)-Total	mg/L	0.00098			
Tungsten (W)-Total	mg/L	<0.0010			
Uranium (U)-Total	mg/L	0.00012			
Vanadium (V)-Total	mg/L	<0.00020			
Zinc (Zn)-Total	mg/L	<0.0050			
Zirconium (Zr)-Total	mg/L	<0.00040			
Alkalinity, Total (as CaCO ₃)	mg/L	44.40			
Alkalinity Bicarbonate (HCO ₃)	mg/L	54.20	12-Jul		