



AGNICO EAGLE

MELIADINE GOLD PROJECT

ENVIRONMENTAL REPORT: MAY 2016

WATER LICENCE 2BB-MEL1424

PRESENTED TO THE NUNAVUT WATER BOARD

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This monthly report is delivered under water license 2BB-MEL1424, PART J, item 13.

1. The Licensee shall maintain Monitoring Stations at the following locations:

Table 1: Monitoring stations

Monitoring Program Station Number	Description	Status
MEL-1	Raw water supply intake at Meliadine Lake	Active (Volume cubic metres)
MEL-2	Raw water supply intake at Pump, A8 or other Lakes	Active (Volume cubic metres)
MEL-5	Point of discharge for the Bermed Fuel Containment Facilities	Active
MEL-6	Effluent from the Landfarm Treatment Facility prior to release	New
MEL-7	Final Effluent Discharge from the BIODISK treatment system	Active
MEL-8	Point of discharge or runoff from the Non-Hazardous Waste Landfill	(New) Active

- 2. The Licensee shall measure and record, in cubic metres, the daily quantities of water utilized for camp, drilling and other purposes from all sources.**

The daily average consumption of fresh water for the site was 47.40 m³/day for the month of May; 11.81 m³/day for the drilling, 31.63 m³/day*** for the camp and 3.97 m³/day for the underground, and 0m³/day for construction of P1 infrastructure.

No further water was used for P1 infrastructure construction.

*** The volume includes the indirect water use.

- 3. The Licensee shall measure and record the volume of all soil from all locations entering the Landfarm Treatment Facility.**

No new material added.

- 4. The Licensee shall assess and record the concentration of F1 – F4 fractions in petroleum hydrocarbon contaminated soil, according to the CCME Canada-Wide Standard for Petroleum Hydrocarbons (PHC) in Soil that is entering the Land Treatment Unit from all sources and excavations.**

No new material added.

- 5. The Licensee shall provide the GPS coordinates of all locations where sources of water are utilized for all purposes. In UTM nad 1983 zone 15.**

- Camp water source: East 541943.0 ; North 6989174.0
- Underground water source: East 540076.0 ; North 6987731.0

- 6. The Licensee shall provide the GPS coordinates (in decimal degrees) of all locations where wastes associated with camp operations and exploration activities are deposited.**

The landfill has not been constructed yet, so most of the waste continues to be managed in containers. These containers are transported by barge during the summer and disposed of in an approved southern facility.

7. *Licensee shall sample at Monitoring Program Station MEL-7, monthly during wastewater effluent discharge. Samples shall be analyzed for the parameters listed under Part G Item 11.*

Biochemical Oxygen Demand – BOD5

Total Suspended Solids

Oil and Grease (and visual)

Fecal Coliforms

pH

All sewage treatment units are running correctly; population has been between 115 and 137 persons.

One exceedance occurred in the month of May. The May 2nd sample analysis returned at 782 mg/L. This result has been attributed to an analysis error for the following reasons:

- 1) When sampled, no sheen was observed on the sample.
- 2) There has never been a analysis received with Oil and Grease that high ever.
- 3) No major maintenance has been completed in the STP.
- 4) No major breakdowns occurred in the STP.
- 5) The STP-IN samples, taken for internal purposes, did not have a value that would reflect such high Oil and Grease result.

Station: STP-FINAL		May				
DATE	Limits	5/2/2016	5/10/2016	5/16/2016	5/23/2016	5/29/2016
Ammonia as N		0.1	0.1	0.1	0.1	0.01
Biochemical Oxygen Demand	80	22.0	6.0	7.0	17.0	13.0
Heterotrophic Plate Count (AAHB)		>300 000	390,000.0	74,000.0	248,000.0	>300 000
Nitrate-N		25.6	24.9	31.8	29.1	34.8
Nitrate and Nitrite as N		26.80	26.00	32.70	30.40	35.90
Nitrite-N		1.1	1.0	0.8	1.3	1.0
Oil & Grease-(IR)	5	782.0	<1	<1	2.0	<1
Phosphorus (P)-Total		14.6	14.5	12.2	11.6	13.1
TKN		22.9	27.0	22.6	24.1	14.6
Total Suspended Solids	100	4.0	9.0	5.0	4.0	4.0
Transmittance %		48.0	41.0	43.0	42.0	45.0
pH	6.0 - 9.5	7.19	7.16	7.0	7.2	6.58
Fecal Coliforms	1000	<2	<2	<2	<2	<2
Total Coliforms		<1000	<10000	<10000	<1000	700.0
Atypical		87000	60,000	20,000	2,000	11,100

8. *The Licensee shall, prior to the release of effluent from the Bermed Fuel Containment Facilities at Monitoring Program Station Mel-5 and the Landfarm Treatment Facility at Monitoring Program Station MEL-6 for the purpose of demonstrating compliance, sample for the parameters listed under Part D item 15.*

➤ No release in May.

9. *The Licensee shall obtain representative samples of the water column below any ice where required under part F, Items 5 and 6. Monitoring shall include but not limited to the following:*

Total Suspended Solids

pH

Electrical Conductivity, and

Total trace Metals as determined by a standard ICP Scan (to include at a minimum, the following elements: Al, Sb, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Li, Mn, Mo, Ni, Se, Sn, Sr, Tl, Ti, U, V, Zn), and Trace Arsenic and Mercury.

➤ No drilling was done in May on any lake.

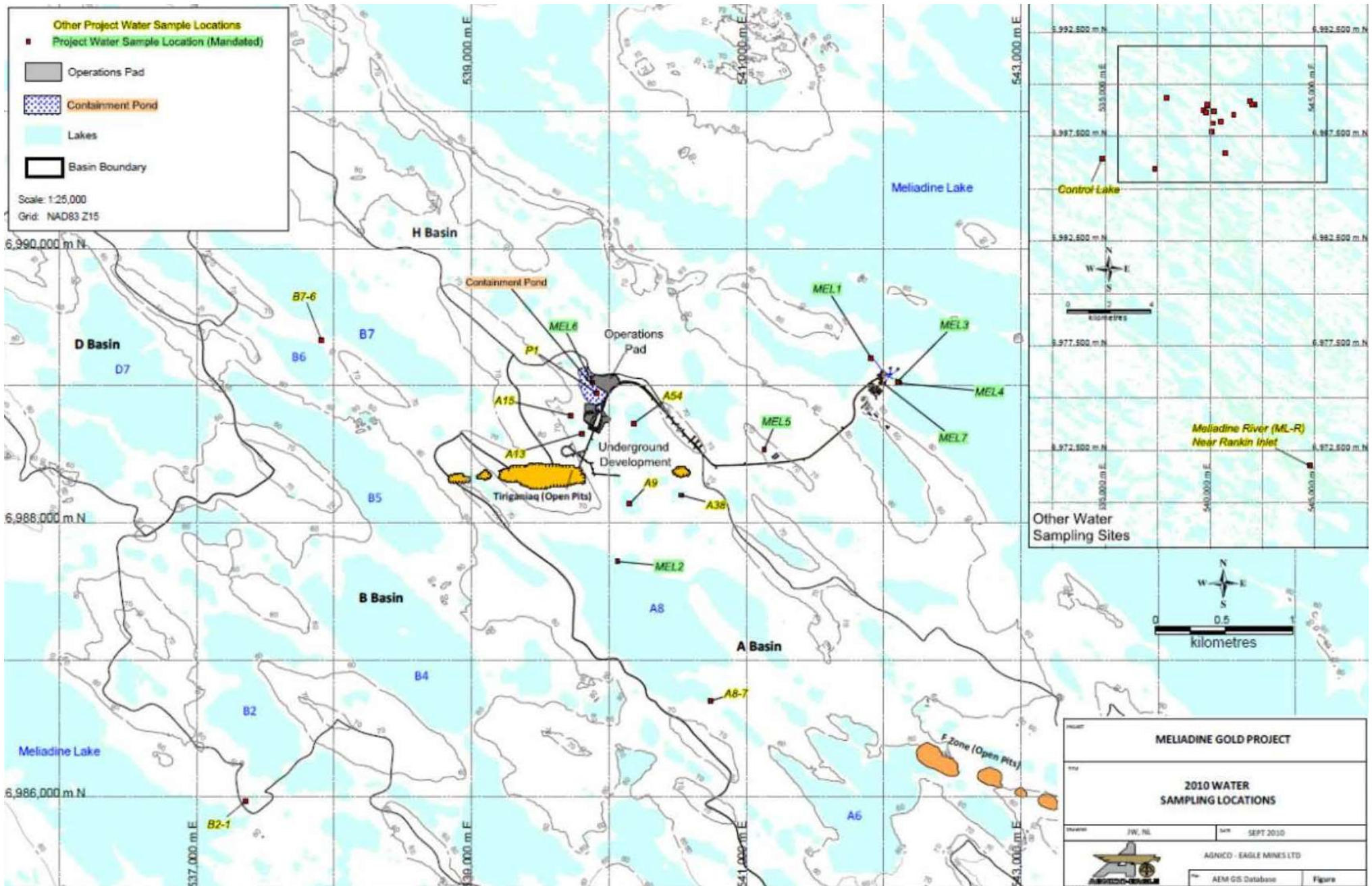
10. **The inspector, Christine Wilson (INAC inspector), requested AEM to continue monitoring the ponded water at the rear of these facilities during times of flow with the same parameters as MEL-8 and the result must be included in the monthly monitoring report provided to the Nunavut Water Board ("the Board") and the Inspector.**

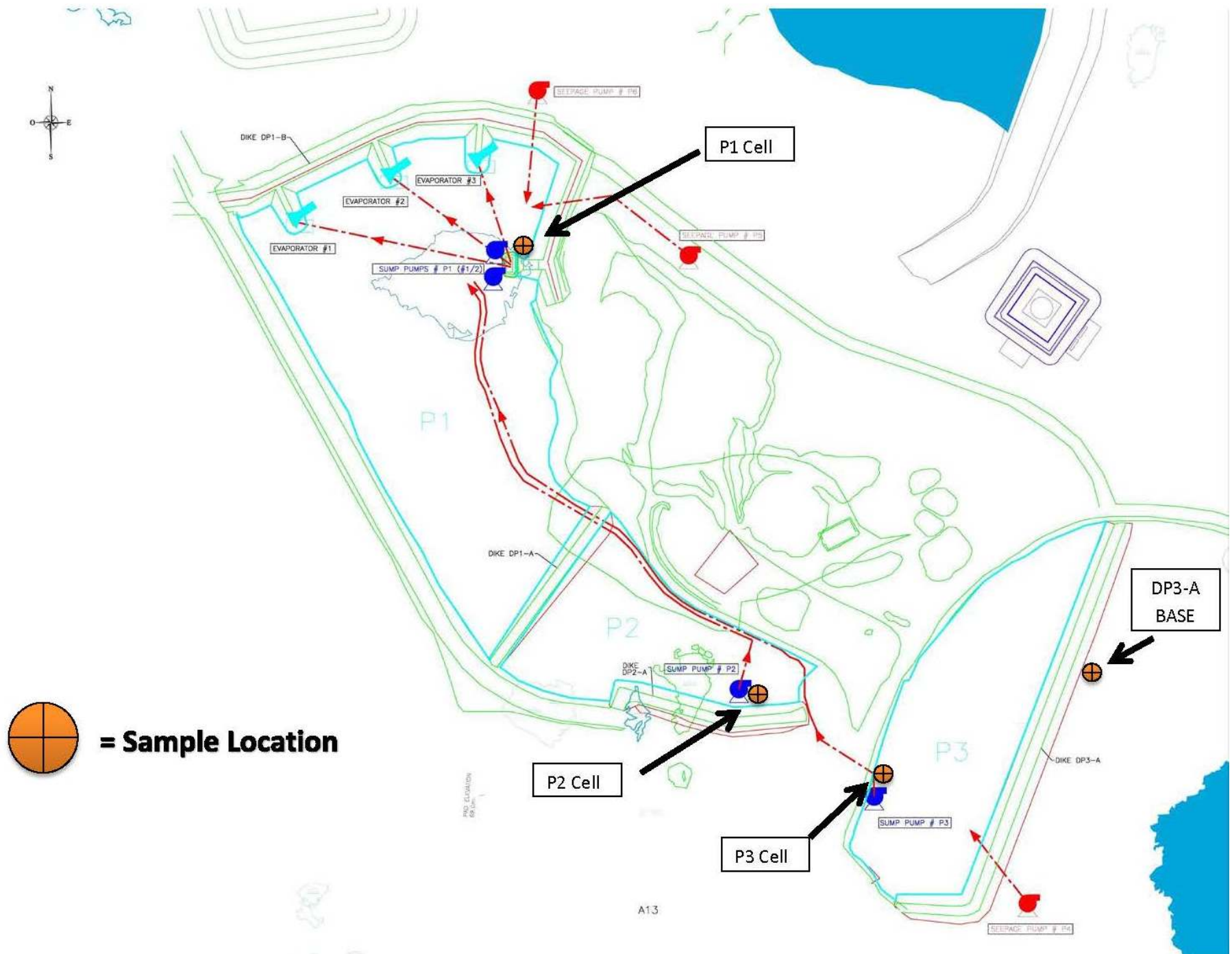
➤ No sampling possible during the winter. This will be completed in June

As per Section 2 of INAC Water License Inspection Dated April 12, 2016:

III. Amend the 2BB-MEL1424 monitoring program to include, at a minimum, a regular compliance point at DP3-A and A54.

See maps below for sample locations. A54 is taken at the same location as in past years.





IV. Modify the monthly monitoring reports, starting April 2016, to include, at a minimum, an updates of the construction of the containment structures, waste water treatment options; modifications of the freshet action plan, sampling, and analysis of those results.

An update of the construction of the containment structures: during the month of May the civil portion of construction was completed on the P1 containment structures.

Waste water treatment options: Agnico has submitted discharge criteria to ECCC for their review and comments. Evaporators are expected to arrive on site on June 18 2016 and should be commissioned by June 30th.

Modifications of the freshet action plan: Currently no modifications to the freshet action plan are noted.

Sampling and analysis of those results: Below are the sampling results related to the P1 containment area for the month of May.

P1 Cell

Parameter	Units	CCME Guideline	Sampling Date/Results	
			22-May-16	29-May-16
Alkalinity	mg CaCO3/L	NA	47	51
Aluminum	mg/L	NA	0.165	0.142
Dissolved Aluminum	mg/L	NA	0.01	0.015
Antimony	mg/L	NA	0.0002	0.0002
Dissolved Antimony	mg/L	NA	<0.0001	<0.0001
Arsenic	mg/L	5 ug/L (long term)	0.0153	0.0109
Dissolved Arsenic	mg/L	-	0.0128	0.0047
Ammonia Nitrogen	mg N/L	NA	3.65	3.35
Kjeldahl Nitrogen	mg N/L	NA	5.62	4.5
Barium	mg/L	NA	0.0548	0.058
Dissolved Barium	mg/L	NA	0.0483	0.0564
Beryllium	mg/L	no data	<0.0005	0.0039
Dissolved Beryllium	mg/L	-	<0.0005	<0.0005
Bicarbonate (HCO3)	mg CaCO3/L	NA	47	51
Boron	mg/L	29 mg/L (short term); 1.5 mg/L (long term)	<0.01	0.02
Dissolved Boron	mg/L	-	<0.01	<0.01
Cadmium	mg/L	NA	<0.00002	0.00031
Dissolved Cadmium	mg/L	NA	<0.00002	<0.00002
Calcium	mg/L	NA	66.2	55
Carbonate (CO3)	mg CaCO3/L	NA	<2	<2
Dissolved Organic Carbon	mg/L	NA	17.2	13.8
Total Organic Carbon	mg/L	NA	24.4	16.8
Chloride	mg/L	120 mg/L (short term); 640 mg/L (acute)	160	156
Chromium	mg/L	only hexavalent and trivalent are regulated	0.0038	0.0047
Dissolved Chromium	mg/L	NA	0.0016	<0.0006
Conductivity	umhos/cm	NA	582	692
Copper	mg/L	equation	0.0022	0.0018
Dissolved Copper	mg/L	-	0.0023	0.0015
Hardness	mg CaCO3/L	NA	194	159
Tin	mg/L	NA	<0.001	<0.001
Dissolved Tin	mg/L	NA	<0.001	<0.001
Iron	mg/L	300 ug/L (long term)	0.32	0.26
Dissolved Iron	mg/L	-	0.07	0.03
Hydrocarbon Fractions (F1)				
F1	ug/L	NA	<0.3	<0.3
Hydrocarbon Fractions (F2-F4)				
F2	ug/L	NA	<100	<100
F3	ug/L	NA	<200	<200
F4	ug/L	NA	<200	<200
Lithium	mg/L	NA	0.138	0.165
Dissolved Lithium	mg/L	NA	0.14	0.172
Total Suspended Solids	mg/L	NA	<1	2
Magnesium	mg/L	NA	7.03	5.5
Manganese	mg/L	NA	0.6738	0.3728
Dissolved Manganese	mg/L	NA	0.7063	0.3724
Mercury	mg/L	0.026 ug/L (long term)	<0.00001	<0.001
Dissolved Mercury	mg/L	-	<0.00001	0.002
Molybdenum	mg/L	73 ug/L (long term)	<0.0005	<0.0005
Dissolved Molybdemum	mg/L	-	<0.0005	<0.0005
Ammonia NH3 (non-ionized)	mg N/L	NA	0.01	0.01
Nickel	mg/L	equation	0.004	0.0027
Dissolved Nickel	mg/L	-	0.004	0.0022
Nitrate (NO3)	mg N/L	550 mg/L (short term); 13 mg/L (long term)	3.23	3.16
Nitrite (NO2)	mg N/L	60 NO2-N (long term)	0.18	0.2
Nitrite-Nitrate	mg N/L	-	3.41	3.36
Ortho-Phosphate	mg P/L	NA	0.01	0.05
pH		6.5-9.0 (long term)	7.22	7.27
Total Phosphorus	mg P/L	guidance framework	0.05	0.03
Lead	mg/L	equation	<0.0003	<0.0003
Dissolved Lead	mg/L	-	<0.0003	<0.0003
Potassium	mg/L	NA	8.08	10.4
Selenium	mg/L	1 ug/L (long term)	<0.001	0.003
Dissolved Selenium	mg/L	-	0.003	0.003
Reactive Silica (SiO2)	mg/L	NA	1.9	2
Sodium	mg/L	NA	16.4	20.7
Dissolved Solids	mg/L	NA	388	461
Strontium	mg/L	NA	0.839	1.32
Dissolved Strontium	mg/L	NA	0.799	1.29
Sulfate (SO4)	mg/L	NA	2.4	6.4
Thallium	mg/L	NA	<0.002	<0.002
Dissolved Thallium	mg/L	NA	<0.002	<0.002
Titanium	mg/L	NA	0.02	0.04
Dissolved Titanium	mg/L	NA	0.03	0.04
Turbidity	NTU	no data	6.34	4.13
Uranium	mg/L	33 ug/L (short term); 15 ug/L (long term)	<0.001	<0.001
Dissolved Uranium	mg/L	-	<0.001	<0.001
Vanadium	mg/L	NA	<0.0005	<0.0005
Dissolved Vanadium	mg/L	NA	<0.0005	<0.0005
Zinc	mg/L	30 ug/L (long term)	0.007	0.018
Dissolved Zinc	mg/L	-	0.005	0.013

P2 Cell

Parameter	Units	CCME Guideline	Sampling Date/Results	
			22-May-16	29-May-16
Alkalinity	mg CaCO3/L	NA	60	56
Aluminum	mg/L	NA	0.25	0.128
Dissolved Aluminum	mg/L	NA	<0.006	<0.006
Antimony	mg/L	NA	0.0006	0.0004
Dissolved Antimony	mg/L	NA	<0.0001	<0.0001
Arsenic	mg/L	5 ug/L (long term)	0.0475	0.0288
Dissolved Arsenic	mg/L	-	0.0232	0.0234
Ammonia Nitrogen	mg N/L	NA	73.9	38.4
Kjeldahl Nitrogen	mg N/L	NA	59.8	35.7
Barium	mg/L	NA	0.3552	0.1952
Dissolved Barium	mg/L	NA	0.313	0.1885
Beryllium	mg/L	no data	0.0011	0.0028
Dissolved Beryllium	mg/L	-	<0.0005	<0.0005
Bicarbonate (HCO3)	mg CaCO3/L	NA	60	56
Boron	mg/L	29 mg/L (short term); 1.5 mg/L (long term)	0.8	0.44
Dissolved Boron	mg/L	-	0.8	0.47
Cadmium	mg/L	NA	0.0003	0.00042
Dissolved Cadmium	mg/L	NA	0.00012	<0.00002
Calcium	mg/L	NA	975	572
Carbonate (CO3)	mg CaCO3/L	NA	<2	<2
Dissolved Organic Carbon	mg/L	NA	16.7	10.1
Total Organic Carbon	mg/L	NA	23.8	13.2
Chloride	mg/L	120 mg/L (short term); 640 mg/L (acute)	2366	1515
Chromium	mg/L	only hexavalent and trivalent are regulated	0.0077	0.0041
Dissolved Chromium	mg/L	NA	0.0009	<0.0006
Conductivity	umhos/cm	NA	6165	3602
Copper	mg/L	equation	0.0077	0.0048
Dissolved Copper	mg/L	-	0.0059	0.0043
Hardness	mg CaCO3/L	NA	2670	1548
Tin	mg/L	NA	<0.001	<0.001
Dissolved Tin	mg/L	NA	<0.001	<0.001
Iron	mg/L	300 ug/L (long term)	0.69	0.45
Dissolved Iron	mg/L	-	0.08	0.06
Hydrocarbon Fractions (F1)				
F1	ug/L	NA	<0.3	0.9
Hydrocarbon Fractions (F2-F4)				
F2	ug/L	NA	<100	100
F3	ug/L	NA	<200	<200
F4	ug/L	NA	<200	<200
Lithium	mg/L	NA	2.26	1.09
Dissolved Lithium	mg/L	NA	1.92	1.09
Total Suspended Solids	mg/L	NA	16	9
Magnesium	mg/L	NA	57.2	29.2
Manganese	mg/L	NA	2.32	1.007
Dissolved Manganese	mg/L	NA	2.511	1.035
Mercury	mg/L	0.026 ug/L (long term)	<0.00001	<0.0001
Dissolved Mercury	mg/L	-	<0.00001	0.0002
Molybdenum	mg/L	73 ug/L (long term)	0.002	0.0015
Dissolved Molybdemum	mg/L	-	0.0022	0.0015
Ammonia NH3 (non-ionized)	mg N/L	NA	0.32	0.22
Nickel	mg/L	equation	0.0338	0.0181
Dissolved Nickel	mg/L	-	0.0359	0.0183
Nitrate (NO3)	mg N/L	550 mg/L (short term); 13 mg/L (long term)	68.2	40.5
Nitrite (NO2)	mg N/L	60 NO2-N (long term)	3.23	1.48
Nitrite-Nitrate	mg N/L	-	71.5	41.98
Ortho-Phosphate	mg P/L	NA	0.01	0.06
pH		6.5-9.0 (long term)	7.28	7.38
Total Phosphorus	mg P/L	guidance framework	0.09	0.04
Lead	mg/L	equation	<0.0003	<0.0003
Dissolved Lead	mg/L	-	<0.0003	<0.0003
Potassium	mg/L	NA	63.4	41.3
Selenium	mg/L	1 ug/L (long term)	0.074	0.04
Dissolved Selenium	mg/L	-	0.082	0.038
Reactive Silica (SiO2)	mg/L	NA	2.1	1.9
Sodium	mg/L	NA	255	102
Dissolved Solids	mg/L	NA	4102	2401
Strontium	mg/L	NA	36.84	16.92
Dissolved Strontium	mg/L	NA	30.54	16.06
Sulfate (SO4)	mg/L	NA	45.3	36.8
Thallium	mg/L	NA	<0.002	<0.002
Dissolved Thallium	mg/L	NA	<0.002	<0.002
Titanium	mg/L	NA	0.57	0.44
Dissolved Titanium	mg/L	NA	0.52	0.36
Turbidity	NTU	no data	13.7	8.7
Uranium	mg/L	33 ug/L (short term); 15 ug/L (long term)	0.002	0.001
Dissolved Uranium	mg/L	-	0.002	0.001
Vanadium	mg/L	NA	<0.0005	<0.0005
Dissolved Vanadium	mg/L	NA	<0.0005	<0.0005
Zinc	mg/L	30 ug/L (long term)	0.024	0.016
Dissolved Zinc	mg/L	-	0.017	0.011

P3 Cell

Parameter	Units	CCME Guideline	Sampling Date/Results	
			22-May-16	29-May-16
Alkalinity	mg CaCO3/L	NA	56	47
Aluminum	mg/L	NA	0.13	0.304
Dissolved Aluminum	mg/L	NA	<0.006	<0.006
Antimony	mg/L	NA	0.0004	0.0003
Dissolved Antimony	mg/L	NA	<0.0001	<0.0001
Arsenic	mg/L	5 ug/L (long term)	0.0411	0.0252
Dissolved Arsenic	mg/L	-	0.0173	0.0145
Ammonia Nitrogen	mg N/L	NA	24.3	3.5
Kjeldahl Nitrogen	mg N/L	NA	21.8	3.88
Barium	mg/L	NA	0.1836	0.0408
Dissolved Barium	mg/L	NA	0.16	0.0338
Beryllium	mg/L	no data	0.0027	0.0019
Dissolved Beryllium	mg/L	-	<0.0005	<0.0005
Bicarbonate (HCO3)	mg CaCO3/L	NA	56	47
Boron	mg/L	29 mg/L (short term); 1.5 mg/L (long term)	0.26	0.04
Dissolved Boron	mg/L	-	0.25	<0.01
Cadmium	mg/L	NA	0.00014	0.0003
Dissolved Cadmium	mg/L	NA	<0.00002	<0.00002
Calcium	mg/L	NA	546	79.1
Carbonate (CO3)	mg CaCO3/L	NA	<2	<2
Dissolved Organic Carbon	mg/L	NA	10.6	5.8
Total Organic Carbon	mg/L	NA	15.5	6.9
Chloride	mg/L	120 mg/L (short term); 640 mg/L (acute)	1118	205
Chromium	mg/L	only hexavalent and trivalent are regulated	0.0097	0.0038
Dissolved Chromium	mg/L	NA	0.0009	<0.0006
Conductivity	umhos/cm	NA	3286	784
Copper	mg/L	equation	0.0068	0.0031
Dissolved Copper	mg/L	-	0.0048	0.0013
Hardness	mg CaCO3/L	NA	1496	220
Tin	mg/L	NA	<0.001	<0.001
Dissolved Tin	mg/L	NA	<0.001	<0.001
Iron	mg/L	300 ug/L (long term)	0.29	1.08
Dissolved Iron	mg/L	-	0.03	<0.01
Hydrocarbon Fractions (F1)				
F1	ug/L	NA	<0.3	<0.3
Hydrocarbon Fractions (F2-F4)				
F2	ug/L	NA	<100	<100
F3	ug/L	NA	<200	<200
F4	ug/L	NA	<200	<200
Lithium	mg/L	NA	0.532	0.111
Dissolved Lithium	mg/L	NA	0.534	0.113
Total Suspended Solids	mg/L	NA	6	5
Magnesium	mg/L	NA	32.3	5.48
Manganese	mg/L	NA	1.446	0.5049
Dissolved Manganese	mg/L	NA	1.375	0.3922
Mercury	mg/L	0.026 ug/L (long term)	<0.00001	<0.0001
Dissolved Mercury	mg/L	-	<0.00001	<0.0001
Molybdenum	mg/L	73 ug/L (long term)	0.0014	0.001
Dissolved Molybdemum	mg/L	-	0.0015	0.0009
Ammonia NH3 (non-ionized)	mg N/L	NA	0.16	0.03
Nickel	mg/L	equation	0.0248	0.0052
Dissolved Nickel	mg/L	-	0.0274	0.0035
Nitrate (NO3)	mg N/L	550 mg/L (short term); 13 mg/L (long term)	20.8	3.38
Nitrite (NO2)	mg N/L	60 NO2-N (long term)	1.64	0.2
Nitrite-Nitrate	mg N/L	-	22.5	3.58
Ortho-Phosphate	mg P/L	NA	0.01	0.06
pH		6.5-9.0 (long term)	7.38	7.49
Total Phosphorus	mg P/L	guidance framework	0.06	0.03
Lead	mg/L	equation	<0.0003	<0.0003
Dissolved Lead	mg/L	-	<0.0003	<0.0003
Potassium	mg/L	NA	29.4	8.48
Selenium	mg/L	1 ug/L (long term)	0.043	0.003
Dissolved Selenium	mg/L	-	0.046	0.002
Reactive Silica (SiO2)	mg/L	NA	2.1	0.8
Sodium	mg/L	NA	91.9	21.1
Dissolved Solids	mg/L	NA	2190	523
Strontium	mg/L	NA	9.79	1.71
Dissolved Strontium	mg/L	NA	9.84	1.67
Sulfate (SO4)	mg/L	NA	58	30.2
Thallium	mg/L	NA	<0.002	<0.002
Dissolved Thallium	mg/L	NA	<0.002	<0.002
Titanium	mg/L	NA	0.24	0.06
Dissolved Titanium	mg/L	NA	0.23	0.06
Turbidity	NTU	no data	6.25	6.35
Uranium	mg/L	33 ug/L (short term); 15 ug/L (long term)	0.001	<0.001
Dissolved Uranium	mg/L	-	0.001	<0.001
Vanadium	mg/L	NA	<0.0005	<0.0005
Dissolved Vanadium	mg/L	NA	<0.0005	<0.0005
Zinc	mg/L	30 ug/L (long term)	0.029	0.019
Dissolved Zinc	mg/L	-	0.012	0.004

DP3-A Base

Parameter	Units	CCME Guideline	Sampling Date/Results
			22-May-16
Alkalinity	mg CaCO3/L	NA	118
Aluminum	mg/L	NA	0.093
Dissolved Aluminum	mg/L	NA	<0.006
Antimony	mg/L	NA	0.0004
Dissolved Antimony	mg/L	NA	<0.0001
Arsenic	mg/L	5 ug/L (long term)	0.047
Dissolved Arsenic	mg/L	-	0.0179
Ammonia Nitrogen	mg N/L	NA	35.8
Kjeldahl Nitrogen	mg N/L	NA	32.4
Barium	mg/L	NA	0.2207
Dissolved Barium	mg/L	NA	0.179
Beryllium	mg/L	no data	0.0017
Dissolved Beryllium	mg/L	-	<0.0005
Bicarbonate (HCO3)	mg CaCO3/L	NA	118
Boron	mg/L	29 mg/L (short term); 1.5 mg/L (long term)	0.14
Dissolved Boron	mg/L	-	0.13
Cadmium	mg/L	NA	0.00031
Dissolved Cadmium	mg/L	NA	<0.00002
Calcium	mg/L	NA	563
Carbonate (CO3)	mg CaCO3/L	NA	<2
Dissolved Organic Carbon	mg/L	NA	10.7
Total Organic Carbon	mg/L	NA	17.6
Chloride	mg/L	120 mg/L (short term); 640 mg/L (acute)	1184
Chromium	mg/L	only hexavalent and trivalent are regulated	0.0106
Dissolved Chromium	mg/L	NA	0.0021
Conductivity	umhos/cm	NA	3420
Copper	mg/L	equation	0.005
Dissolved Copper	mg/L	-	0.0043
Hardness	mg CaCO3/L	NA	1552
Tin	mg/L	NA	<0.001
Dissolved Tin	mg/L	NA	<0.001
Iron	mg/L	300 ug/L (long term)	0.47
Dissolved Iron	mg/L	-	0.05
Hydrocarbon Fractions (F1)			
F1	ug/L	NA	<0.3
Hydrocarbon Fractions (F2-F4)			
F2	ug/L	NA	<100
F3	ug/L	NA	<200
F4	ug/L	NA	<200
Lithium	mg/L	NA	0.691
Dissolved Lithium	mg/L	NA	0.642
Total Suspended Solids	mg/L	NA	<1
Magnesium	mg/L	NA	35.6
Manganese	mg/L	NA	4.322
Dissolved Manganese	mg/L	NA	4.057
Mercury	mg/L	0.026 ug/L (long term)	<0.00001
Dissolved Mercury	mg/L	-	<0.00001
Molybdenum	mg/L	73 ug/L (long term)	0.0022
Dissolved Molybdenum	mg/L	-	0.0022
Ammonia NH3 (non-ionized)	mg N/L	NA	0.37
Nickel	mg/L	equation	0.0287
Dissolved Nickel	mg/L	-	0.0298
Nitrate (NO3)	mg N/L	550 mg/L (short term); 13 mg/L (long term)	11.4
Nitrite (NO2)	mg N/L	60 NO2-N (long term)	1.61
Nitrite-Nitrate	mg N/L	-	13.1
Ortho-Phosphate	mg P/L	NA	0.01
pH		6.5-9.0 (long term)	7.62
Total Phosphorus	mg P/L	guidance framework	0.06
Lead	mg/L	equation	<0.0003
Dissolved Lead	mg/L	-	<0.0003
Potassium	mg/L	NA	33.8
Selenium	mg/L	1 ug/L (long term)	0.037
Dissolved Selenium	mg/L	-	0.002
Reactive Silica (SiO2)	mg/L	NA	2.8
Sodium	mg/L	NA	92.5
Dissolved Solids	mg/L	NA	2280
Strontium	mg/L	NA	9.79
Dissolved Strontium	mg/L	NA	9.35
Sulfate (SO4)	mg/L	NA	45.7
Thallium	mg/L	NA	<0.002
Dissolved Thallium	mg/L	NA	<0.002
Titanium	mg/L	NA	0.25
Dissolved Titanium	mg/L	NA	0.27
Turbidity	NTU	no data	5.6
Uranium	mg/L	33 ug/L (short term); 15 ug/L (long term)	0.004
Dissolved Uranium	mg/L	-	0.004
Vanadium	mg/L	NA	<0.0005
Dissolved Vanadium	mg/L	NA	<0.0005
Zinc	mg/L	30 ug/L (long term)	0.024
Dissolved Zinc	mg/L	-	0.015