



September 29, 2014

Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Water Resources Officer, AANDC
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0

RE: Water License 2AM-MRY1325 Monthly SNP Report – August 2014

The following is the monthly report for August 2014 as required under Part I, Item 21 of Water License 2AM-MRY1325. Part I, Item 21 of the above referenced Water Licence states:

“The Licensee shall submit to the Board, within thirty (30) days following the month being reported, a Monthly Monitoring Report. The Report shall include:

- a. All data and information required by this Part and generated by the Monitoring Program in the tables of Schedule I;*
- b. An assessment of data to identified area of non-compliance with regulated discharge parameters referred to in Part F”*

Monitoring Program

During the month of August 2014, samples were collected at MP-01, MS-01, MS-03, MS-MRY-04, MS-MRY-11 and MS-MRY-13A & B as part of the Water Licence Monitoring Program.

In addition, samples were collected downstream of construction areas and quarry monitoring locations at the Mine Site (MS-C and MQ-C sites) and Milne Port (MP-C and MP-Q1 sites) as part of the Aquatics Effects and Monitoring Program under Schedule I of Water Licence 2AM-MRY1325 in August 2014.

Table 1 presents a list of samples/monitoring required under the Water License and the details concerning which water quality samples have been collected along with sample date/lab identification number as appropriate. Analytical water quality testing results received are presented in Table 2. Volumes consumed for domestic water purposes and the volumes of treated sewage effluent and sewage sludge discharged at Mary River Mine Site and Milne Port Camp are presented in attached Table 3.

Monitoring Program Results

A) Water Sampling and Analysis Results

Table 2 provides the analytical results related to the Monitoring Program sampling requirements for August 2014.

B) Flow and Volume Measurements

Table 3 provides a breakdown of volume measurements as requested in Part I, Item 9 of the water license for August 2014. Daily flow data for runoff and seepage sites are being collected and will be provided in the annual report.

We hope that the information provided in this monthly report is acceptable and should you have any questions regarding this report please contact Jim Millard at 902-403-1337(cell) / 647-253-0596 ext:6016 (site) or by e-mail at jim.millard@baffinland.com.

Regards,

A handwritten signature in black ink, appearing to read "Trevor Myers".

Trevor Myers, B.A.(Hon.) M.Sc.
Environmental Superintendent

Attach: Tables 1, 2 and 3

Cc: Justin Hack, Erik Allain (AANDC), Stephen Bathory QIA

Table 1: Monitoring Program Water Sampling Summary for August 2014

Monitoring Program Station	Sampling Date	Lab ID#	Comment
Milne Port			
MP-01 (Sewage Treatment Facility)	August 5, 2014 August 12, 2014 August 20, 2014 August 27, 2014	1124259, 1124261 1126109, 1126111 1128273, 1128275 1129497, 1129502	Discharge volume reported daily
MP-01A (Milne Port PWSP)			
MP-MRY-3 (Freshwater Intake from Km 32 Lake - Winter)	N/A	N/A	Withdrawal volume Reported Daily
MP-MRY-04 (RBC at Exploration Camp)	N/A	N/A	Facility Inactive
MP-03 (Bulk Fuel Storage Facility Stormwater)			
MP-MRY-12 (Bulk Sample Stockpile Area Seepage)	N/A	N/A	No flow, location is being retired due to lack of flow.
MP-C-A (Downstream of Construction Area)			No flow, location is being retired due to lack of flow.
MP-C-B (Downstream of Quarry Area)	August 5, 2014 August 11, 2014 August 18, 2014 August 25, 2014	1124830 1126115, LH14-041-06 1127598 1129118	
MP-C-B01 (Downstream of Quarry Area)	August 5, 2014 August 11, 2014 August 18, 2014 August 25, 2014	1124831 1126116 1127599 1129119	
MP-C-H (Downstream of Construction Area)	August 5, 2014 August 11, 2014 August 18, 2014 August 25, 2014	1124832 1126114 1127600 1129120	
MP-Q1-01 (Downstream of Q1 Quarry)	August 5, 2014 August 11, 2014 August 18, 2014 August 25, 2014	1124828 1126112 1127596 1129116	
MP-Q1-02 (Downstream of Q1 Quarry)	August 5, 2014 August 11, 2014 August 18, 2014 August 25, 2014	1124829 1126113 1127597, LH14-041-08 1129117	
Mary River Mine Site			
MS-01 (Sewage Treatment Facility)	August 5, 2014 August 12, 2014 August 19, 2014 August 26, 2014	1124255, 1124257 1126104, 1126106 1127591, 1127593 1129113, 1129115	Discharge volume reported daily
MS-MRY-1 (Freshwater Intake from Camp Lake)	N/A	N/A	Withdrawal volume reported daily

Monitoring Program Station	Sampling Date	Lab ID#	Comment
MS-MRY-04 (Exploration Camp RBC)	N/A	N/A	Facility Inactive
MS-MRY-04A (Exploration Camp PWSP #2)	August 14, 2014	1126863, 1126865 1126864, 1126866	Volume Reported Daily during discharge
MS-03 (Milne Site Bulk Fuel Storage Facility Stormwater)	August 25, 2014	1129111	Volume Reported Daily during discharge
MS-MRY-6 (Exploration Camp Bladder Farm Stormwater)			Volume Reported Daily during discharge
MS-MRY-09 (Bulk Sample Pit)			Frozen Conditions
MS-MRY-10 (Weathered Ore Bulk Sample Stockpile)			Frozen Conditions
MS-MRY-11 (Processing Bulk Sample Stockpile)	August 13, 2014	1126740, 1126744	
MS-MRY-13A (Downstream Non-Hazardous Landfill)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124844, 1124848 1126735, 1126737 1127629, 1127631 1129709, 1129712	
MS-MRY-13B (Downstream Non-Hazardous Landfill)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124845, 1124849 1126736, 1126738 1127630, 1127632 1129710, 1129713	
MS-C-A (Downstream of Construction and Borrow Areas)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124834 1126305 1127603 1129687	
MS-C-A-01 (Duplicate of MS-C-A)	August 12, 2014	1126310	
MS-C-B (Downstream of Construction and Borrow Areas)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124833 1126304 1127602 1129688	
MS-C-B-01 (Duplicate of MS-C-B)	August 27, 2014	1129695	
MS-C-B-02 (Field Blank of MS-C-B)	August 27, 2014	1129701	
MS-C-B-03 (Travel Blank of MS-C-B)	August 27, 2014	1129702	
MS-C-C (Downstream of Construction and Borrow Areas)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124838 1126309 1127606 1129689	
MS-C-C-03 (Travel Blank of MS-C-C)	August 18, 2014	1127610	
MS-C-D (Downstream of Construction and Borrow Areas)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124837 1126308 1127605 1129690	
MS-C-E (Downstream of Construction and Borrow Areas)	August 5, 2014 August 12, 2014	1124836 1126307	

Monitoring Program Station	Sampling Date	Lab ID#	Comment
	August 18, 2014 August 27, 2014	1127604 1129691	
MS-C-F (Downstream of Construction and Borrow Areas)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124835 1126306 1127601 1129692	
MS-C-G (Downstream of Construction and Borrow Areas)	August 27, 2014	1129693	
MS-C-H (Downstream of Construction and Borrow Areas)	August 27, 2014	1129694	
MQ-C-A (Downstream of QMR2 Quarry)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124841 1126312 1127609 1129706	
MQ-C-A-01 (Duplicate of MQ-C-A)	August 18, 2014	1127612	
MQ-C-B (Downstream of QMR2 Quarry)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124839 1126313, LH14-041-07 1127607 1129705, LH14-041-09	
MQ-C-D (Downstream of QMR2 Quarry)	August 5, 2014 August 12, 2014 August 18, 2014 August 27, 2014	1124840 1126311 1127608 1129707	
Steensby Port			
Steensby Exploration Camp closed for the season			

Table 2. Water Chemistry Results - August 2014						
Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
MILNE PORT						
1124259	MP-01	5-Aug-14	Biochemical Oxygen Demand	<1	mg/L	Exova
1124261	MP-01	5-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1124259	MP-01	5-Aug-14	Total Kjeldahl Nitrogen	0.91	mg/L	Exova
1124259	MP-01	5-Aug-14	N-NH3 (Ammonia)	0.13	mg/L	Exova
1124259	MP-01	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124259	MP-01	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124259	MP-01	5-Aug-14	pH	7.90	pH units	Exova
1126109	MP-01	12-Aug-14	Biochemical Oxygen Demand	<1	mg/L	Exova
1126111	MP-01	12-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1126109	MP-01	12-Aug-14	Total Kjeldahl Nitrogen	0.65	mg/L	Exova
1126109	MP-01	12-Aug-14	N-NH3 (Ammonia)	0.08	mg/L	Exova
1126109	MP-01	12-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126109	MP-01	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126109	MP-01	12-Aug-14	pH	7.70	pH units	Exova
1128273	MP-01	20-Aug-14	Biochemical Oxygen Demand	4	mg/L	Exova
1128275	MP-01	20-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1128273	MP-01	20-Aug-14	Total Kjeldahl Nitrogen	1.75	mg/L	Exova
1128273	MP-01	20-Aug-14	N-NH3 (Ammonia)	0.24	mg/L	Exova
1128273	MP-01	20-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1128273	MP-01	20-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1128273	MP-01	20-Aug-14	pH	7.91	pH units	Exova
1129497	MP-01	27-Aug-14	Biochemical Oxygen Demand	4	mg/L	Exova
1129502	MP-01	27-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1129497	MP-01	27-Aug-14	Total Kjeldahl Nitrogen	1.45	mg/L	Exova
1129497	MP-01	27-Aug-14	N-NH3 (Ammonia)	0.45	mg/L	Exova
1129497	MP-01	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129497	MP-01	27-Aug-14	Total Suspended Solids	3	mg/L	Exova
1129497	MP-01	27-Aug-14	pH	7.79	pH units	Exova
1214828	MP-Q1-01	5-Aug-14	pH	8.27	pH units	Exova
1214828	MP-Q1-01	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1214828	MP-Q1-01	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126112	MP-Q1-01	11-Aug-14	Conductivity	280	uS/cm	Exova
1126112	MP-Q1-01	11-Aug-14	N-NO3	0.10	mg/L	Exova
1126112	MP-Q1-01	11-Aug-14	pH	8.01	pH units	Exova
1126112	MP-Q1-01	11-Aug-14	Total Suspended Solids	2	mg/L	Exova
1126112	MP-Q1-01	11-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126112	MP-Q1-01	11-Aug-14	N-NH3 (Ammonia)	0.08	mg/L	Exova
1127596	MP-Q1-01	18-Aug-14	pH	8.02	pH units	Exova
1127596	MP-Q1-01	18-Aug-14	Total Suspended Solids	4	mg/L	Exova
1127596	MP-Q1-01	18-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1129116	MP-Q1-01	25-Aug-14	Conductivity	320	uS/cm	Exova
1129116	MP-Q1-01	25-Aug-14	N-NO3	0.11	mg/L	Exova
1129116	MP-Q1-01	25-Aug-14	pH	8.10	pH units	Exova
1129116	MP-Q1-01	25-Aug-14	Total Suspended Solids	2	mg/L	Exova
1129116	MP-Q1-01	25-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129116	MP-Q1-01	25-Aug-14	N-NH3 (Ammonia)	0.04	mg/L	Exova
1124829	MP-Q1-02	5-Aug-14	pH	8.17	pH units	Exova
1124829	MP-Q1-02	5-Aug-14	Total Suspended Solids	2	mg/L	Exova
1124829	MP-Q1-02	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126113	MP-Q1-02	11-Aug-14	Conductivity	663	uS/cm	Exova
1126113	MP-Q1-02	11-Aug-14	N-NO3	15.7	mg/L	Exova
1126113	MP-Q1-02	11-Aug-14	pH	8.04	pH units	Exova
1126113	MP-Q1-02	11-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126113	MP-Q1-02	11-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126113	MP-Q1-02	11-Aug-14	N-NH3 (Ammonia)	5.50	mg/L	Exova
1127597	MP-Q1-02	18-Aug-14	pH	8.01	pH units	Exova
1127597	MP-Q1-02	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127597	MP-Q1-02	18-Aug-14	Oil & Grease - Total	2	mg/L	Exova
LH14-041-08	MP-Q1-02	18-Aug-14	Toxicity	non-lethal*	mg/L	Exova
1129117	MP-Q1-02	25-Aug-14	Conductivity	608	uS/cm	Exova
1129117	MP-Q1-02	25-Aug-14	N-NO3	16.3	mg/L	Exova
1129117	MP-Q1-02	25-Aug-14	pH	8.07	pH units	Exova
1129117	MP-Q1-02	25-Aug-14	Total Suspended Solids	4	mg/L	Exova
1129117	MP-Q1-02	25-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129117	MP-Q1-02	25-Aug-14	N-NH3 (Ammonia)	3.03	mg/L	Exova
1124830	MP-C-B	5-Aug-14	pH	8.43	pH units	Exova
1124830	MP-C-B	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124830	MP-C-B	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126115	MP-C-B	11-Aug-14	Conductivity	468	uS/cm	Exova
1126115	MP-C-B	11-Aug-14	N-NO3	1.37	mg/L	Exova
1126115	MP-C-B	11-Aug-14	pH	8.27	pH units	Exova
1126115	MP-C-B	11-Aug-14	Total Suspended Solids	10	mg/L	Exova
1126115	MP-C-B	11-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126115	MP-C-B	11-Aug-14	N-NH3 (Ammonia)	0.20	mg/L	Exova
LH14-041-06	MP-C-B	11-Aug-14	Toxicity	non-lethal*	mg/L	Exova
1127598	MP-C-B	18-Aug-14	pH	8.28	pH units	Exova
1127598	MP-C-B	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127598	MP-C-B	18-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1129118	MP-C-B	25-Aug-14	Conductivity	466	uS/cm	Exova
1129118	MP-C-B	25-Aug-14	N-NO3	1.10	mg/L	Exova
1129118	MP-C-B	25-Aug-14	pH	8.32	pH units	Exova
1129118	MP-C-B	25-Aug-14	Total Suspended Solids	<2	mg/L	Exova

1129118	MP-C-B	25-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129118	MP-C-B	25-Aug-14	N-NH3 (Ammonia)	0.13	mg/L	Exova
1124831	MP-C-B01	5-Aug-14	pH	8.43	pH units	Exova
1124831	MP-C-B01	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124831	MP-C-B01	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126116	MP-C-B01	11-Aug-14	Conductivity	460	uS/cm	Exova
1126116	MP-C-B01	11-Aug-14	N-NO3	1.78	mg/L	Exova
1126116	MP-C-B01	11-Aug-14	pH	8.29	pH units	Exova
1126116	MP-C-B01	11-Aug-14	Total Suspended Solids	8	mg/L	Exova
1126116	MP-C-B01	11-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126116	MP-C-B01	11-Aug-14	N-NH3 (Ammonia)	0.23	mg/L	Exova
1127599	MP-C-B01	18-Aug-14	pH	8.31	pH units	Exova
1127599	MP-C-B01	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127599	MP-C-B01	18-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1129119	MP-C-B01	25-Aug-14	Conductivity	457	uS/cm	Exova
1129119	MP-C-B01	25-Aug-14	N-NO3	1.41	mg/L	Exova
1129119	MP-C-B01	25-Aug-14	pH	8.32	pH units	Exova
1129119	MP-C-B01	25-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129119	MP-C-B01	25-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129119	MP-C-B01	25-Aug-14	N-NH3 (Ammonia)	0.11	mg/L	Exova
1124832	MP-C-H	5-Aug-14	pH	8.39	pH units	Exova
1124832	MP-C-H	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124832	MP-C-H	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126114	MP-C-H	11-Aug-14	Conductivity	302	uS/cm	Exova
1126114	MP-C-H	11-Aug-14	N-NO3	0.50	mg/L	Exova
1126114	MP-C-H	11-Aug-14	pH	8.27	pH units	Exova
1126114	MP-C-H	11-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126114	MP-C-H	11-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126114	MP-C-H	11-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova
1127600	MP-C-H	18-Aug-14	pH	8.25	pH units	Exova
1127600	MP-C-H	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127600	MP-C-H	18-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1129120	MP-C-H	25-Aug-14	Conductivity	337	uS/cm	Exova
1129120	MP-C-H	25-Aug-14	N-NO3	0.16	mg/L	Exova
1129120	MP-C-H	25-Aug-14	pH	8.30	pH units	Exova
1129120	MP-C-H	25-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129120	MP-C-H	25-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129120	MP-C-H	25-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova
MARY RIVER MINE SITE						
1124255	MS-01	5-Aug-14	Biochemical Oxygen Demand	<1	mg/L	Exova
1124257	MS-01	5-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1124255	MS-01	5-Aug-14	Total Kjeldahl Nitrogen	0.75	mg/L	Exova
1124255	MS-01	5-Aug-14	N-NH3 (Ammonia)	0.37	mg/L	Exova
1124255	MS-01	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124255	MS-01	5-Aug-14	Total Phosphorus	0.27	mg/L	Exova
1124255	MS-01	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124255	MS-01	5-Aug-14	pH	7.50	pH units	Exova
1126104	MS-01	12-Aug-14	Biochemical Oxygen Demand	2	mg/L	Exova
1126106	MS-01	12-Aug-14	Faecal Coliforms	9300	ct/100mL	Exova
1126104	MS-01	12-Aug-14	Total Kjeldahl Nitrogen	0.27	mg/L	Exova
1126104	MS-01	12-Aug-14	N-NH3 (Ammonia)	0.13	mg/L	Exova
1126104	MS-01	12-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126104	MS-01	12-Aug-14	Total Phosphorus	0.53	mg/L	Exova
1126104	MS-01	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126104	MS-01	12-Aug-14	pH	7.69	pH units	Exova
1127593	MS-01	19-Aug-14	Biochemical Oxygen Demand	<1	mg/L	Exova
1127591	MS-01	19-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1127593	MS-01	19-Aug-14	Total Kjeldahl Nitrogen	0.30	mg/L	Exova
1127593	MS-01	19-Aug-14	N-NH3 (Ammonia)	0.21	mg/L	Exova
1127593	MS-01	19-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127593	MS-01	19-Aug-14	Total Phosphorus	0.57	mg/L	Exova
1127593	MS-01	19-Aug-14	Total Suspended Solids	3	mg/L	Exova
1127593	MS-01	19-Aug-14	pH	7.42	pH units	Exova
1129113	MS-01	26-Aug-14	Biochemical Oxygen Demand	<1	mg/L	Exova
1129115	MS-01	26-Aug-14	Faecal Coliforms	68	ct/100mL	Exova
1129113	MS-01	26-Aug-14	Total Kjeldahl Nitrogen	<0.10	mg/L	Exova
1129113	MS-01	26-Aug-14	N-NH3 (Ammonia)	0.23	mg/L	Exova
1129113	MS-01	26-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129113	MS-01	26-Aug-14	Total Phosphorus	0.79	mg/L	Exova
1129113	MS-01	26-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129113	MS-01	26-Aug-14	pH	7.69	pH units	Exova
1129111	MS-03	25-Aug-14	Benzene	<0.5	ug/L	Exova
1129111	MS-03	25-Aug-14	Ethylbenzene	<0.5	ug/L	Exova
1129111	MS-03	25-Aug-14	Toluene	<0.5	ug/L	Exova
1129111	MS-03	25-Aug-14	Total Lead	0.001	mg/L	Exova
1129111	MS-03	25-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126863	MS-MRY-04b	14-Aug-14	Biochemical Oxygen Demand	4	mg/L	Exova
1126865	MS-MRY-04b	14-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1126863	MS-MRY-04b	14-Aug-14	Total Kjeldahl Nitrogen	1.70	mg/L	Exova
1126863	MS-MRY-04b	14-Aug-14	N-NH3 (Ammonia)	0.15	mg/L	Exova
1126863	MS-MRY-04b	14-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126863	MS-MRY-04b	14-Aug-14	Total Phosphorus	0.15	mg/L	Exova
1126863	MS-MRY-04b	14-Aug-14	Total Suspended Solids	25	mg/L	Exova

1126863	MS-MRY-04b	14-Aug-14	pH	7.22	pH units	Exova
1126864	MS-MRY-04b	14-Aug-14	Biochemical Oxygen Demand	6	mg/L	Exova
1126866	MS-MRY-04b	14-Aug-14	Faecal Coliforms	0	ct/100mL	Exova
1126864	MS-MRY-04b	14-Aug-14	Total Kjeldahl Nitrogen	1.61	mg/L	Exova
1126864	MS-MRY-04b	14-Aug-14	N-NH3 (Ammonia)	0.16	mg/L	Exova
1126864	MS-MRY-04b	14-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126864	MS-MRY-04b	14-Aug-14	Total Phosphorus	0.16	mg/L	Exova
1126864	MS-MRY-04b	14-Aug-14	Total Suspended Solids	24	mg/L	Exova
1126864	MS-MRY-04b	14-Aug-14	pH	7.31	pH units	Exova
1126740	MS-MRY-11-TP1	13-Aug-14	pH	8.01	pH units	Exova
1126744	MS-MRY-11-TP1	13-Aug-14	Total Arsenic	0.2	ug/L	Exova
1126744	MS-MRY-11-TP1	13-Aug-14	Total Copper	1.8	ug/L	Exova
1126744	MS-MRY-11-TP1	13-Aug-14	Total Lead	0.54	ug/L	Exova
1126744	MS-MRY-11-TP1	13-Aug-14	Total Nickel	2.2	ug/L	Exova
1126744	MS-MRY-11-TP1	13-Aug-14	Total Zinc	<3	ug/L	Exova
1126740	MS-MRY-11-TP1	13-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126740	MS-MRY-11-TP1	13-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124844	MS-MRY-13A	5-Aug-14	pH	8.10	pH units	Exova
1124848	MS-MRY-13A	5-Aug-14	Total Arsenic	0.1	ug/L	Exova
1124848	MS-MRY-13A	5-Aug-14	Total Copper	1.1	ug/L	Exova
1124848	MS-MRY-13A	5-Aug-14	Total Lead	<0.05	ug/L	Exova
1124848	MS-MRY-13A	5-Aug-14	Total Nickel	8.5	ug/L	Exova
1124848	MS-MRY-13A	5-Aug-14	Total Zinc	<3	ug/L	Exova
1124844	MS-MRY-13A	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124844	MS-MRY-13A	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126735	MS-MRY-13A	12-Aug-14	pH	8.04	pH units	Exova
1126737	MS-MRY-13A	12-Aug-14	Total Arsenic	0.1	ug/L	Exova
1126737	MS-MRY-13A	12-Aug-14	Total Copper	1.6	ug/L	Exova
1126737	MS-MRY-13A	12-Aug-14	Total Lead	0.05	ug/L	Exova
1126737	MS-MRY-13A	12-Aug-14	Total Nickel	10.0	ug/L	Exova
1126737	MS-MRY-13A	12-Aug-14	Total Zinc	<3	ug/L	Exova
1126735	MS-MRY-13A	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126735	MS-MRY-13A	12-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1127629	MS-MRY-13A	18-Aug-14	pH	8.05	pH units	Exova
1126731	MS-MRY-13A	18-Aug-14	Total Arsenic	<0.1	ug/L	Exova
1126731	MS-MRY-13A	18-Aug-14	Total Copper	1.6	ug/L	Exova
1126731	MS-MRY-13A	18-Aug-14	Total Lead	0.06	ug/L	Exova
1126731	MS-MRY-13A	18-Aug-14	Total Nickel	10.2	ug/L	Exova
1126731	MS-MRY-13A	18-Aug-14	Total Zinc	<3	ug/L	Exova
1127629	MS-MRY-13A	18-Aug-14	Total Suspended Solids	2	mg/L	Exova
1127629	MS-MRY-13A	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129709	MS-MRY-13A	27-Aug-14	pH	8.20	pH units	Exova
1129712	MS-MRY-13A	27-Aug-14	Total Arsenic	0.2	ug/L	Exova
1129712	MS-MRY-13A	27-Aug-14	Total Copper	1.8	ug/L	Exova
1129712	MS-MRY-13A	27-Aug-14	Total Lead	0.12	ug/L	Exova
1129712	MS-MRY-13A	27-Aug-14	Total Nickel	11.0	ug/L	Exova
1129712	MS-MRY-13A	27-Aug-14	Total Zinc	4	ug/L	Exova
1129709	MS-MRY-13A	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129709	MS-MRY-13A	27-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1124845	MS-MRY-13B	5-Aug-14	pH	8.25	pH units	Exova
1124849	MS-MRY-13B	5-Aug-14	Total Arsenic	<0.1	ug/L	Exova
1124849	MS-MRY-13B	5-Aug-14	Total Copper	1.2	ug/L	Exova
1124849	MS-MRY-13B	5-Aug-14	Total Lead	<0.05	ug/L	Exova
1124849	MS-MRY-13B	5-Aug-14	Total Nickel	6.4	ug/L	Exova
1124849	MS-MRY-13B	5-Aug-14	Total Zinc	<3	ug/L	Exova
1124845	MS-MRY-13B	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124845	MS-MRY-13B	5-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1126736	MS-MRY-13B	12-Aug-14	pH	8.04	pH units	Exova
1126738	MS-MRY-13B	12-Aug-14	Total Arsenic	<0.01	ug/L	Exova
1126738	MS-MRY-13B	12-Aug-14	Total Copper	1.6	ug/L	Exova
1126738	MS-MRY-13B	12-Aug-14	Total Lead	<0.05	ug/L	Exova
1126738	MS-MRY-13B	12-Aug-14	Total Nickel	7.1	ug/L	Exova
1126738	MS-MRY-13B	12-Aug-14	Total Zinc	<3	ug/L	Exova
1126736	MS-MRY-13B	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126736	MS-MRY-13B	12-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1127630	MS-MRY-13B	18-Aug-14	pH	8.11	pH units	Exova
1126732	MS-MRY-13B	18-Aug-14	Total Arsenic	<0.1	ug/L	Exova
1126732	MS-MRY-13B	18-Aug-14	Total Copper	1.5	ug/L	Exova
1126732	MS-MRY-13B	18-Aug-14	Total Lead	<0.05	ug/L	Exova
1126732	MS-MRY-13B	18-Aug-14	Total Nickel	7.4	ug/L	Exova
1126732	MS-MRY-13B	18-Aug-14	Total Zinc	<3	ug/L	Exova
1127630	MS-MRY-13B	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127630	MS-MRY-13B	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129710	MS-MRY-13B	27-Aug-14	pH	8.24	pH units	Exova
1129713	MS-MRY-13B	27-Aug-14	Total Arsenic	<0.01	ug/L	Exova
1129713	MS-MRY-13B	27-Aug-14	Total Copper	1.3	ug/L	Exova
1129713	MS-MRY-13B	27-Aug-14	Total Lead	<0.05	ug/L	Exova
1129713	MS-MRY-13B	27-Aug-14	Total Nickel	6.5	ug/L	Exova
1129713	MS-MRY-13B	27-Aug-14	Total Zinc	<3	ug/L	Exova
1129710	MS-MRY-13B	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129710	MS-MRY-13B	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124841	MQ-C-A	5-Aug-14	Conductivity	298	uS/cm	Exova
1124841	MQ-C-A	5-Aug-14	N-NO3	<0.10	mg/L	Exova
1124841	MQ-C-A	5-Aug-14	pH	8.36	pH units	Exova
1124841	MQ-C-A	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124841	MQ-C-A	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124841	MQ-C-A	5-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova

1126312	MQ-C-A	12-Aug-14	Conductivity	268	uS/cm	Exova
1126312	MQ-C-A	12-Aug-14	N-NO3	<0.10	mg/L	Exova
1126312	MQ-C-A	12-Aug-14	pH	7.58	pH units	Exova
1126312	MQ-C-A	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126312	MQ-C-A	12-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1126312	MQ-C-A	12-Aug-14	N-NH3 (Ammonia)	0.15	mg/L	Exova
1127609	MQ-C-A	18-Aug-14	Conductivity	285	uS/cm	Exova
1127609	MQ-C-A	18-Aug-14	N-NO3	<0.10	mg/L	Exova
1127609	MQ-C-A	18-Aug-14	pH	8.17	pH units	Exova
1127609	MQ-C-A	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127609	MQ-C-A	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127609	MQ-C-A	18-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova
1129706	MQ-C-A	27-Aug-14	Conductivity	291	uS/cm	Exova
1129706	MQ-C-A	27-Aug-14	N-NO3	<0.10	mg/L	Exova
1129706	MQ-C-A	27-Aug-14	pH	8.31	pH units	Exova
1129706	MQ-C-A	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129706	MQ-C-A	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129706	MQ-C-A	27-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova
1127612	MQ-C-A-01	18-Aug-14	Conductivity	284	uS/cm	Exova
1127612	MQ-C-A-01	18-Aug-14	N-NO3	<0.10	mg/L	Exova
1127612	MQ-C-A-01	18-Aug-14	pH	8.12	pH units	Exova
1127612	MQ-C-A-01	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127612	MQ-C-A-01	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127612	MQ-C-A-01	18-Aug-14	N-NH3 (Ammonia)	0.16	mg/L	Exova
1124839	MQ-C-B	5-Aug-14	Conductivity	487	uS/cm	Exova
1124839	MQ-C-B	5-Aug-14	N-NO3	1.80	mg/L	Exova
1124839	MQ-C-B	5-Aug-14	pH	8.30	pH units	Exova
1124839	MQ-C-B	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124839	MQ-C-B	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124839	MQ-C-B	5-Aug-14	N-NH3 (Ammonia)	0.53	mg/L	Exova
1126313	MQ-C-B	12-Aug-14	Conductivity	501	uS/cm	Exova
1126313	MQ-C-B	12-Aug-14	N-NO3	2.12	mg/L	Exova
1126313	MQ-C-B	12-Aug-14	pH	7.53	pH units	Exova
1126313	MQ-C-B	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126313	MQ-C-B	12-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1126313	MQ-C-B	12-Aug-14	N-NH3 (Ammonia)	0.65	mg/L	Exova
LH14-041-07	MQ-C-B	12-Aug-14	Toxicity	non-lethal*	mg/L	Exova
1127607	MQ-C-B	18-Aug-14	Conductivity	470	uS/cm	Exova
1127607	MQ-C-B	18-Aug-14	N-NO3	1.61	mg/L	Exova
1127607	MQ-C-B	18-Aug-14	pH	8.19	pH units	Exova
1127607	MQ-C-B	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127607	MQ-C-B	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127607	MQ-C-B	18-Aug-14	N-NH3 (Ammonia)	0.40	mg/L	Exova
1129705	MQ-C-B	27-Aug-14	Conductivity	543	uS/cm	Exova
1129705	MQ-C-B	27-Aug-14	N-NO3	1.91	mg/L	Exova
1129705	MQ-C-B	27-Aug-14	pH	8.19	pH units	Exova
1129705	MQ-C-B	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129705	MQ-C-B	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129705	MQ-C-B	27-Aug-14	N-NH3 (Ammonia)	0.60	mg/L	Exova
LH14-041-09	MQ-C-B	28-Aug-14	Toxicity	non-lethal*	mg/L	Exova
1124840	MQ-C-D	5-Aug-14	Conductivity	339	uS/cm	Exova
1124840	MQ-C-D	5-Aug-14	N-NO3	1.16	mg/L	Exova
1124840	MQ-C-D	5-Aug-14	pH	8.22	pH units	Exova
1124840	MQ-C-D	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124840	MQ-C-D	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124840	MQ-C-D	5-Aug-14	N-NH3 (Ammonia)	0.37	mg/L	Exova
1126311	MQ-C-D	12-Aug-14	Conductivity	382	uS/cm	Exova
1126311	MQ-C-D	12-Aug-14	N-NO3	1.39	mg/L	Exova
1126311	MQ-C-D	12-Aug-14	pH	7.56	pH units	Exova
1126311	MQ-C-D	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126311	MQ-C-D	12-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126311	MQ-C-D	12-Aug-14	N-NH3 (Ammonia)	0.32	mg/L	Exova
1127608	MQ-C-D	18-Aug-14	Conductivity	402	uS/cm	Exova
1127608	MQ-C-D	18-Aug-14	N-NO3	1.45	mg/L	Exova
1127608	MQ-C-D	18-Aug-14	pH	8.15	pH units	Exova
1127608	MQ-C-D	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127608	MQ-C-D	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127608	MQ-C-D	18-Aug-14	N-NH3 (Ammonia)	0.34	mg/L	Exova
1129707	MQ-C-D	27-Aug-14	Conductivity	409	uS/cm	Exova
1129707	MQ-C-D	27-Aug-14	N-NO3	1.38	mg/L	Exova
1129707	MQ-C-D	27-Aug-14	pH	8.22	pH units	Exova
1129707	MQ-C-D	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129707	MQ-C-D	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129707	MQ-C-D	27-Aug-14	N-NH3 (Ammonia)	0.33	mg/L	Exova
1124834	MS-C-A	5-Aug-14	Conductivity	181	uS/cm	Exova
1124834	MS-C-A	5-Aug-14	N-NO3	0.32	mg/L	Exova
1124834	MS-C-A	5-Aug-14	pH	8.07	pH units	Exova
1124834	MS-C-A	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124834	MS-C-A	5-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1124834	MS-C-A	5-Aug-14	N-NH3 (Ammonia)	0.05	mg/L	Exova
1126305	MS-C-A	12-Aug-14	Conductivity	153	uS/cm	Exova
1126305	MS-C-A	12-Aug-14	N-NO3	0.17	mg/L	Exova
1126305	MS-C-A	12-Aug-14	pH	7.36	pH units	Exova
1126305	MS-C-A	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126305	MS-C-A	12-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1126305	MS-C-A	12-Aug-14	N-NH3 (Ammonia)	0.15	mg/L	Exova
1126310	MS-C-A-01	12-Aug-14	Conductivity	154	uS/cm	Exova

1126310	MS-C-A-01	12-Aug-14	N-NO3	0.17	mg/L	Exova
1126310	MS-C-A-01	12-Aug-14	pH	7.38	pH units	Exova
1126310	MS-C-A-01	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126310	MS-C-A-01	12-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126310	MS-C-A-01	12-Aug-14	N-NH3 (Ammonia)	0.04	mg/L	Exova
1127603	MS-C-A	18-Aug-14	Conductivity	166	uS/cm	Exova
1127603	MS-C-A	18-Aug-14	N-NO3	0.18	mg/L	Exova
1127603	MS-C-A	18-Aug-14	pH	7.96	pH units	Exova
1127603	MS-C-A	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127603	MS-C-A	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127603	MS-C-A	18-Aug-14	N-NH3 (Ammonia)	0.08	mg/L	Exova
1129687	MS-C-A	27-Aug-14	Conductivity	171	uS/cm	Exova
1129687	MS-C-A	27-Aug-14	N-NO3	19	mg/L	Exova
1129687	MS-C-A	27-Aug-14	pH	8.04	pH units	Exova
1129687	MS-C-A	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129687	MS-C-A	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129687	MS-C-A	27-Aug-14	N-NH3 (Ammonia)	0.08	mg/L	Exova
1124833	MS-C-B	5-Aug-14	Conductivity	188	uS/cm	Exova
1124833	MS-C-B	5-Aug-14	N-NO3	0.43	mg/L	Exova
1124833	MS-C-B	5-Aug-14	pH	7.95	pH units	Exova
1124833	MS-C-B	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124833	MS-C-B	5-Aug-14	Oil & Grease - Total	3	mg/L	Exova
1124833	MS-C-B	5-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova
1126304	MS-C-B	12-Aug-14	Conductivity	155	uS/cm	Exova
1126304	MS-C-B	12-Aug-14	N-NO3	0.21	mg/L	Exova
1126304	MS-C-B	12-Aug-14	pH	7.36	pH units	Exova
1126304	MS-C-B	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126304	MS-C-B	12-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1126304	MS-C-B	12-Aug-14	N-NH3 (Ammonia)	0.03	mg/L	Exova
1127602	MS-C-B	18-Aug-14	Conductivity	168	uS/cm	Exova
1127602	MS-C-B	18-Aug-14	N-NO3	0.21	mg/L	Exova
1127602	MS-C-B	18-Aug-14	pH	7.96	pH units	Exova
1127602	MS-C-B	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127602	MS-C-B	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127602	MS-C-B	18-Aug-14	N-NH3 (Ammonia)	0.18	mg/L	Exova
1129688	MS-C-B	27-Aug-14	Conductivity	171	uS/cm	Exova
1129688	MS-C-B	27-Aug-14	N-NO3	0.21	mg/L	Exova
1129688	MS-C-B	27-Aug-14	pH	8.05	pH units	Exova
1129688	MS-C-B	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129688	MS-C-B	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129688	MS-C-B	27-Aug-14	N-NH3 (Ammonia)	0.09	mg/L	Exova
1129695	MS-C-B-01	27-Aug-14	Conductivity	174	uS/cm	Exova
1129695	MS-C-B-01	27-Aug-14	N-NO3	0.20	mg/L	Exova
1129695	MS-C-B-01	27-Aug-14	pH	8.07	pH units	Exova
1129695	MS-C-B-01	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129695	MS-C-B-01	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129695	MS-C-B-01	27-Aug-14	N-NH3 (Ammonia)	0.02	mg/L	Exova
1129701	MS-C-B-02	27-Aug-14	Conductivity	<5	uS/cm	Exova
1129701	MS-C-B-02	27-Aug-14	N-NO3	<0.10	mg/L	Exova
1129701	MS-C-B-02	27-Aug-14	pH	6.03	pH units	Exova
1129701	MS-C-B-02	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129701	MS-C-B-02	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129701	MS-C-B-02	27-Aug-14	N-NH3 (Ammonia)	0.08	mg/L	Exova
1129702	MS-C-B-03	27-Aug-14	Conductivity	<5	uS/cm	Exova
1129702	MS-C-B-03	27-Aug-14	N-NO3	<0.10	mg/L	Exova
1129702	MS-C-B-03	27-Aug-14	pH	6.07	pH units	Exova
1129702	MS-C-B-03	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129702	MS-C-B-03	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129702	MS-C-B-03	27-Aug-14	N-NH3 (Ammonia)	0.02	mg/L	Exova
1124838	MS-C-C	5-Aug-14	Conductivity	561	uS/cm	Exova
1124838	MS-C-C	5-Aug-14	N-NO3	7.17	mg/L	Exova
1124838	MS-C-C	5-Aug-14	pH	8.28	pH units	Exova
1124838	MS-C-C	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124838	MS-C-C	5-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1124838	MS-C-C	5-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova
1126309	MS-C-C	12-Aug-14	Conductivity	599	uS/cm	Exova
1126309	MS-C-C	12-Aug-14	N-NO3	7.8	mg/L	Exova
1126309	MS-C-C	12-Aug-14	pH	7.51	pH units	Exova
1126309	MS-C-C	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126309	MS-C-C	12-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126309	MS-C-C	12-Aug-14	N-NH3 (Ammonia)	0.13	mg/L	Exova
1127606	MS-C-C	18-Aug-14	Conductivity	616	uS/cm	Exova
1127606	MS-C-C	18-Aug-14	N-NO3	7.52	mg/L	Exova
1127606	MS-C-C	18-Aug-14	pH	8.09	pH units	Exova
1127606	MS-C-C	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127606	MS-C-C	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127606	MS-C-C	18-Aug-14	N-NH3 (Ammonia)	0.15	mg/L	Exova
1127610	MS-C-C-03	18-Aug-14	Conductivity	<5	uS/cm	Exova
1127610	MS-C-C-03	18-Aug-14	N-NO3	<0.10	mg/L	Exova
1127610	MS-C-C-03	18-Aug-14	pH	5.95	pH units	Exova
1127610	MS-C-C-03	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127610	MS-C-C-03	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127610	MS-C-C-03	18-Aug-14	N-NH3 (Ammonia)	0.03	mg/L	Exova
1129689	MS-C-C	27-Aug-14	Conductivity	694	uS/cm	Exova
1129689	MS-C-C	27-Aug-14	N-NO3	11.6	mg/L	Exova
1129689	MS-C-C	27-Aug-14	pH	8.16	pH units	Exova
1129689	MS-C-C	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova

1129689	MS-C-C	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129689	MS-C-C	27-Aug-14	N-NH3 (Ammonia)	0.09	mg/L	Exova
1124837	MS-C-D	5-Aug-14	Conductivity	575	uS/cm	Exova
1124837	MS-C-D	5-Aug-14	N-NO3	8.36	mg/L	Exova
1124837	MS-C-D	5-Aug-14	pH	8.40	pH units	Exova
1124837	MS-C-D	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124837	MS-C-D	5-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1124837	MS-C-D	5-Aug-14	N-NH3 (Ammonia)	0.14	mg/L	Exova
1126308	MS-C-D	12-Aug-14	Conductivity	632	uS/cm	Exova
1126308	MS-C-D	12-Aug-14	N-NO3	11.2	mg/L	Exova
1126308	MS-C-D	12-Aug-14	pH	7.66	pH units	Exova
1126308	MS-C-D	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126308	MS-C-D	12-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1126308	MS-C-D	12-Aug-14	N-NH3 (Ammonia)	0.25	mg/L	Exova
1127605	MS-C-D	18-Aug-14	Conductivity	615	uS/cm	Exova
1127605	MS-C-D	18-Aug-14	N-NO3	9.17	mg/L	Exova
1127605	MS-C-D	18-Aug-14	pH	8.29	pH units	Exova
1127605	MS-C-D	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127605	MS-C-D	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127605	MS-C-D	18-Aug-14	N-NH3 (Ammonia)	0.06	mg/L	Exova
1129690	MS-C-D	27-Aug-14	Conductivity	619	uS/cm	Exova
1129690	MS-C-D	27-Aug-14	N-NO3	9.39	mg/L	Exova
1129690	MS-C-D	27-Aug-14	pH	8.35	pH units	Exova
1129690	MS-C-D	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129690	MS-C-D	27-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1129690	MS-C-D	27-Aug-14	N-NH3 (Ammonia)	0.15	mg/L	Exova
1124836	MS-C-E	5-Aug-14	Conductivity	334	uS/cm	Exova
1124836	MS-C-E	5-Aug-14	N-NO3	1.66	mg/L	Exova
1124836	MS-C-E	5-Aug-14	pH	8.32	pH units	Exova
1124836	MS-C-E	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124836	MS-C-E	5-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1124836	MS-C-E	5-Aug-14	N-NH3 (Ammonia)	0.11	mg/L	Exova
1126307	MS-C-E	12-Aug-14	Conductivity	314	uS/cm	Exova
1126307	MS-C-E	12-Aug-14	N-NO3	1.69	mg/L	Exova
1126307	MS-C-E	12-Aug-14	pH	7.61	pH units	Exova
1126307	MS-C-E	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126307	MS-C-E	12-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1126307	MS-C-E	12-Aug-14	N-NH3 (Ammonia)	0.05	mg/L	Exova
1127604	MS-C-E	18-Aug-14	Conductivity	358	uS/cm	Exova
1127604	MS-C-E	18-Aug-14	N-NO3	2.25	mg/L	Exova
1127604	MS-C-E	18-Aug-14	pH	8.18	pH units	Exova
1127604	MS-C-E	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127604	MS-C-E	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127604	MS-C-E	18-Aug-14	N-NH3 (Ammonia)	0.03	mg/L	Exova
1129691	MS-C-E	27-Aug-14	Conductivity	371	uS/cm	Exova
1129691	MS-C-E	27-Aug-14	N-NO3	2.79	mg/L	Exova
1129691	MS-C-E	27-Aug-14	pH	8.30	pH units	Exova
1129691	MS-C-E	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129691	MS-C-E	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129691	MS-C-E	27-Aug-14	N-NH3 (Ammonia)	0.09	mg/L	Exova
1124835	MS-C-F	5-Aug-14	Conductivity	197	uS/cm	Exova
1124835	MS-C-F	5-Aug-14	N-NO3	0.40	mg/L	Exova
1124835	MS-C-F	5-Aug-14	pH	8.15	pH units	Exova
1124835	MS-C-F	5-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1124835	MS-C-F	5-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1124835	MS-C-F	5-Aug-14	N-NH3 (Ammonia)	0.14	mg/L	Exova
1126306	MS-C-F	12-Aug-14	Conductivity	157	uS/cm	Exova
1126306	MS-C-F	12-Aug-14	N-NO3	0.18	mg/L	Exova
1126306	MS-C-F	12-Aug-14	pH	7.37	pH units	Exova
1126306	MS-C-F	12-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1126306	MS-C-F	12-Aug-14	Oil & Grease - Total	4	mg/L	Exova
1126306	MS-C-F	12-Aug-14	N-NH3 (Ammonia)	0.13	mg/L	Exova
1127601	MS-C-F	18-Aug-14	Conductivity	167	uS/cm	Exova
1127601	MS-C-F	18-Aug-14	N-NO3	0.18	mg/L	Exova
1127601	MS-C-F	18-Aug-14	pH	8.06	pH units	Exova
1127601	MS-C-F	18-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1127601	MS-C-F	18-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1127601	MS-C-F	18-Aug-14	N-NH3 (Ammonia)	0.13	mg/L	Exova
1129692	MS-C-F	27-Aug-14	Conductivity	182	uS/cm	Exova
1129692	MS-C-F	27-Aug-14	N-NO3	0.27	mg/L	Exova
1129692	MS-C-F	27-Aug-14	pH	8.13	pH units	Exova
1129692	MS-C-F	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129692	MS-C-F	27-Aug-14	Oil & Grease - Total	<1	mg/L	Exova
1129692	MS-C-F	27-Aug-14	N-NH3 (Ammonia)	0.15	mg/L	Exova
1129693	MS-C-G	27-Aug-14	Conductivity	173	uS/cm	Exova
1129693	MS-C-G	27-Aug-14	N-NO3	<0.10	mg/L	Exova
1129693	MS-C-G	27-Aug-14	pH	8.12	pH units	Exova
1129693	MS-C-G	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129693	MS-C-G	27-Aug-14	Oil & Grease - Total	1	mg/L	Exova
1129693	MS-C-G	27-Aug-14	N-NH3 (Ammonia)	0.12	mg/L	Exova
1129694	MS-C-H	27-Aug-14	Conductivity	220	uS/cm	Exova
1129694	MS-C-H	27-Aug-14	N-NO3	<0.10	mg/L	Exova
1129694	MS-C-H	27-Aug-14	pH	8.26	pH units	Exova
1129694	MS-C-H	27-Aug-14	Total Suspended Solids	<2	mg/L	Exova
1129694	MS-C-H	27-Aug-14	Oil & Grease - Total	2	mg/L	Exova
1129694	MS-C-H	27-Aug-14	N-NH3 (Ammonia)	0.10	mg/L	Exova

Note: Acute lethality to Rainbow trout, *Oncorhynchus mykiss* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/13)

Acute lethality to Daphnia magna (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/14)

Area of Non-Compliance :

Sample Station MS-01 (Mine Site Sewage Treatment Facility) showed a non-compliance for faecal coliform on August 12, 2014 (9300 ct/100mL). This result is thought to be anomalous and is likely a result of sampling error as the prior and subsequent sampling of this location on August 5 and August 19 respectively resulted in a faecal coliform value of 0 ct/100mL. Also, there were no upset conditions reported by the Water Treatment Operator during this period.

Table 3: Flow and Volume Measurements-Part I Item 11 - August 2014

DATE	Camp Lake Freshwater Use (Mine Site Camp) - Daily Potable Water (m3) - MRY-1	Camp Lake Daily Freshwater Use for Other Purposes - (m³) - MRY-1	Km 32 Lake Milne Port Camp Daily Potable Water (m3) MP-MRY-3	Milne Pond Fresh Water Use for Other Purposes (m3) MP-MRY-3	Km 32 Lake Milne Port Camp Fresh Water Use for Other Purposes (m3) MP-MRY-3	Treated Sewage Effluent (m³) from MS-01 to Discharge Location #1	Sewage Sludge Removed (m3) from Mine Site WWTP	Treated Sewage Effluent (m3) from MP-01 to Milne Port	Sewage Sludge Removed (m3) from Milne Port WWTP	Treated Sewage Effluent (m³) from PWSP to Sheardown Lake (MS-MRY-4c)	Treated Sewage Effluent (m³) from PWSP to Ocean (MP-01a)
1-Aug	48.1	37.9	30.3	11.4	0.0	48.1	0.5	30.3	0.3	0.0	0.0
2-Aug	52.0	56.8	45.4	0.0	0.0	52.0	0.0	45.4	0.3	0.0	0.0
3-Aug	57.9	181.7	60.6	0.0	0.0	57.9	0.5	60.6	0.3	0.0	0.0
4-Aug	66.9	121.1	45.4	0.0	0.0	66.9	0.0	45.4	0.3	0.0	0.0
5-Aug	56.4	30.3	45.4	0.0	0.0	56.4	0.5	45.4	0.3	0.0	0.0
6-Aug	70.6	0.0	60.6	0.0	0.0	70.6	0.0	60.6	0.2	0.0	0.0
7-Aug	62.5	0.0	45.4	30.3	7.6	62.5	0.5	45.4	0.2	0.0	0.0
8-Aug	78.7	0.0	45.4	45.4	7.6	78.7	0.0	45.4	0.3	0.0	0.0
9-Aug	73.2	0.0	45.4	60.6	7.6	73.2	0.0	45.4	0.2	0.0	0.0
10-Aug	59.8	0.0	45.4	15.1	7.6	59.8	0.0	45.4	0.2	0.0	0.0
11-Aug	68.7	0.0	30.3	0.0	7.6	68.7	0.0	30.3	0.2	0.0	0.0
12-Aug	62.7	0.0	30.3	75.7	7.6	62.7	0.5	30.3	0.2	0.0	0.0
13-Aug	79.9	0.0	45.4	60.6	7.6	79.9	0.0	45.4	0.2	0.0	0.0
14-Aug	75.2	0.0	45.4	30.3	7.6	75.2	0.5	45.4	0.4	0.0	0.0
15-Aug	78.1	15.1	45.4	0.0	7.6	78.1	0.0	45.4	0.2	0.0	0.0
16-Aug	69.7	0.0	45.4	0.0	15.1	69.7	0.5	45.4	0.2	0.0	0.0
17-Aug	82.9	45.4	45.4	0.0	7.6	82.9	0.0	45.4	0.4	0.0	0.0
18-Aug	78.0	0.0	45.4	15.1	0.0	78.0	0.5	45.4	0.2	163.0	0.0
19-Aug	61.3	0.0	45.4	0.0	7.6	61.3	0.0	45.4	0.4	348.0	0.0
20-Aug	59.4	0.0	45.4	0.0	0.0	59.4	0.5	45.4	0.2	146.0	0.0
21-Aug	45.0	11.4	45.4	0.0	0.0	45.0	0.0	45.4	0.3	0.0	0.0
22-Aug	43.6	18.9	45.4	0.0	22.7	43.6	0.5	45.4	0.3	232.0	0.0
23-Aug	43.9	18.9	45.4	0.0	7.6	43.9	0.5	45.4	0.2	349.0	0.0
24-Aug	45.9	34.1	45.4	0.0	15.1	45.9	0.0	45.4	0.0	318.0	0.0
25-Aug	37.6	6.1	30.3	0.0	7.6	37.6	0.5	30.3	0.2	211.0	0.0
26-Aug	47.4	18.9	45.4	0.0	7.6	47.4	0.0	45.4	0.4	0.0	0.0
27-Aug	47.3	37.9	45.4	0.0	15.1	47.3	0.5	45.4	0.0	0.0	0.0
28-Aug	50.6	18.9	45.4	0.0	7.6	50.6	0.5	45.4	0.2	0.0	0.0
29-Aug	40.2	18.9	45.4	0.0	30.3	40.2	0.5	45.4	0.2	0.0	0.0
30-Aug	43.2	34.1	45.4	0.0	30.3	43.2	0.5	45.4	0.0	0.0	0.0
31-Aug	32.0	37.9	45.4	0.0	30.3	32.0	0.5	45.4	0.0	0.0	0.0
Total	1819.0	744.2	1377.9	344.5	272.5	1819.0	8.5	1377.9	7.5	1767.0	0.0

Notes:

WWTP - Waste Water Treatment Plant
PWSP - Polishing Waste Stabilization Pond