

August 31, 2011

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

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

RE: Water License 2BB-MRY1114 Monthly SNP Report – July 2011

Following is the monthly report for July 2011 as required under Part I, Item 19 of Water License 2BB-MRY1114.

SNP Sampling

During the month of July 2011, samples were collected at MRY-4, MRY-4C, MRY-6, MRY-7, MRY-9, MRY-10, MRY-11, and MRY-13 as part of the SNP sampling program. 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 as part of the SNP program, are presented in Table 2. Volumes of water consumed for camp purposes at Mary River and Steensby Inlet Camp, as well as for the purposes of drilling, have been collected and are attached in Table 3. Water supply for Milne Inlet Camp was supplied from Mary River (Camp Lake).

SNP Results

A) Water Sampling and Analysis Results

Table 2 provides the results related to SNP sampling requirements for July 2011.

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 July 2011.

As a correction to the June 2011 SNP report, 30.2 cubes of sludge that was removed from the Mary River WWTF and discharged to PWSP No. 1 on June 25th. This was accidentally omitted from the June report and included herein as an erratum.



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 by e-mail at jim.millard@baffinland.com.

Regards,

A handwritten signature in black ink, appearing to read "J. Millard", written in a cursive style.

James Millard, M.Sc., P.Geo.
Senior Environmental Superintendent

Attach: Tables 1, 2 and 3

Cc: Ian Rumbolt (INAC), Salamonie Shoo (QIA)

Table 1: SNP Water Sampling Summary for July 2011

SNP Station	Sampling Date	Lab ID#	Comment
MRY-1	N/A	N/A	Volume reported daily
MRY-2	N/A	N/A	N/A for June
MRY-3	N/A	N/A	N/A for June
MRY-4	4-July-11 13-July-11 20-July-11 25-July-11	893853 896359 897979 899009	Volume reported daily
MRY-401	20-July-11	897986	Field duplicate of MRY-4
MRY-402	20-July-11	897987	Field blank of MRY-4
MRY-5	N/A	N/A	N/A for July
MRY-6	1-July-11 2-July-11 3-July-11 4-July-11 6-July-11 7-July-11 8-July-11 9-July-11 10-July-11	893849 893850 893851 893852 899493 899500 895242 895244 985245	
MRY-7	8-July-11 12-July-11 13-July-11 16-July-11 18-July-11	895247 896363 897420 897414 897423	
MRY-9	13-July-11	896814 896364	
MRY-10	N/A	N/A	No surface flow observed for July
MRY-11	N/A	N/A	No surface flow observed for July
MRY-12	N/A	N/A	No surface flow observed for July
MRY-13a	16-July-11	897361	
MRY-1301a	16-July-11	897362	Field duplicate of MRY-13a
MRY-13b	16-July-11	897363	

MRY-9 is downstream of bulk sample pit/bench.

MRY-10 is downstream of bulk sample weathered ore/waste rock pile.

MRY-11 is downstream of bulk sample crusher area.

MRY-12 is downstream of bulk ore stockpile area at Milne Inlet.

MRY-13a is downstream of non-hazardous landfill facility.

MRY-13b is downstream of MRY-13a.

Table 2. Water Chemistry Results - July 2011

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
893849	MRY-6	01-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
893849	MRY-6	01-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
893849	MRY-6	01-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
893849	MRY-6	01-Jul-11	Lead (Total)	0.001	mg/L	Exova Accutest
893849	MRY-6	01-Jul-11	Oil & Grease	<1	mg/L	Exova Accutest
893850	MRY-6	02-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
893850	MRY-6	02-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
893850	MRY-6	02-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
893850	MRY-6	02-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
893850	MRY-6	02-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
893851	MRY-6	03-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
893851	MRY-6	03-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
893851	MRY-6	03-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
893851	MRY-6	03-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
893851	MRY-6	03-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
893852	MRY-6	04-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
893852	MRY-6	04-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
893852	MRY-6	04-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
893852	MRY-6	04-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
893852	MRY-6	04-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
893853	MRY-4	04-Jul-11	Biochemical Oxygen Demand	37	mg/L	Exova Accutest
893853	MRY-4	04-Jul-11	Oil & Grease	<1	mg/L	Exova Accutest
893853	MRY-4	04-Jul-11	Faecal Coliforms	5500	CFU/100mL	Exova Accutest
893853	MRY-4	04-Jul-11	Total Suspended Solids	66	mg/L	Exova Accutest
893853	MRY-4	04-Jul-11	pH	7.6	pH units	Exova Accutest
899493	MRY-6	06-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
899493	MRY-6	06-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
899493	MRY-6	06-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
899493	MRY-6	06-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
899493	MRY-6	06-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
899500	MRY-6	07-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
899500	MRY-6	07-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
899500	MRY-6	07-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
899500	MRY-6	07-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
899500	MRY-6	07-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
895242	MRY-6	08-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
895242	MRY-6	08-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
895242	MRY-6	08-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
895242	MRY-6	08-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
895242	MRY-6	08-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
895247	MRY-7	08-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
895247	MRY-7	08-Jul-11	Toluene	<0.5	ug/L	Exova Accutest

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
895247	MRY-7	08-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
895247	MRY-7	08-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
895247	MRY-7	08-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
895243	MRY-6	09-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
895243	MRY-6	09-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
895243	MRY-6	09-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
895243	MRY-6	09-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
895243	MRY-6	09-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
895244	MRY-6	09-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
895244	MRY-6	09-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
895244	MRY-6	09-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
895244	MRY-6	09-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
895244	MRY-6	09-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
895245	MRY-6	10-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
895245	MRY-6	10-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
895245	MRY-6	10-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
895245	MRY-6	10-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
895245	MRY-6	10-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
896363	MRY-7	12-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
896363	MRY-7	12-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
896363	MRY-7	12-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
896363	MRY-7	12-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
896363	MRY-7	12-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
897420	MRY-7	13-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
897420	MRY-7	13-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
897420	MRY-7	13-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
897420	MRY-7	13-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
897420	MRY-7	13-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
896359	MRY-4	13-Jul-11	Biochemical Oxygen Demand	14	mg/L	Exova Accutest
896359	MRY-4	13-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
896359	MRY-4	13-Jul-11	Faecal Coliforms	370	CFU/100mL	Exova Accutest
896359	MRY-4	13-Jul-11	Total Suspended Solids	30	mg/L	Exova Accutest
896359	MRY-4	13-Jul-11	pH	7.44	pH units	Exova Accutest
896365	MRY-13A	13-Jul-11	pH	8	pH units	Exova Accutest
896365	MRY-13A	13-Jul-11	Alkalinity as CaCO3	144	mg/L	Exova Accutest
896365	MRY-13A	13-Jul-11	Conductivity	518	uS/cm	Exova Accutest
896365	MRY-13A	13-Jul-11	Total Dissolved Solids	337	mg/L	Exova Accutest
896365	MRY-13A	13-Jul-11	Total Suspended Solids	<2	mg/L	Exova Accutest
896365	MRY-13A	13-Jul-11	Oil & Grease	<1	mg/L	Exova Accutest
896365	MRY-13A	13-Jul-11	Total Organic Carbon	3.7	mg/L	Exova Accutest
896365	MRY-13A	13-Jul-11	Dissolved Organic Carbon	4.2	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Aluminum (Total)	<0.0030	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Antimony (Total)	<0.00010	mg/L	Exova Accutest

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
896815	MRY-13A	13-Jul-11	Arsenic (Total)	<0.00070	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Barium (Total)	0.0303	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Cadmium (Total)	<0.000010	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Chromium (Total)	0.00059	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Cobalt (Total)	<0.00010	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Copper (Total)	0.00094	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Iron (Total)	<0.03	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Lead (Total)	<0.00005	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Lithium (Total)	<0.0050	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Manganese (Total)	0.000466	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Mercury (Total)	<0.000010	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Molybdenum (Total)	0.000186	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Nickel (Total)	0.00904	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Selenium (Total)	<0.0020	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Strontium (Total)	0.0246	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Thallium (Total)	<0.00010	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Tin (Total)	<0.00010	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Titanium (Total)	<0.01	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Uranium (Total)	0.000266	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Vanadium (Total)	<0.0010	mg/L	Exova Accutest
896815	MRY-13A	13-Jul-11	Zinc (Total)	<0.0030	mg/L	Exova Accutest
896814	MRY-9	13-Jul-11	pH	6.6	pH units	Exova Accutest
896814	MRY-9	13-Jul-11	Arsenic (Total)	<0.00010	mg/L	Exova Accutest
896814	MRY-9	13-Jul-11	Copper (Total)	0.00112	mg/L	Exova Accutest
896814	MRY-9	13-Jul-11	Lead (Total)	0.0001	mg/L	Exova Accutest
896814	MRY-9	13-Jul-11	Nickel (Total)	<0.00050	mg/L	Exova Accutest
896814	MRY-9	13-Jul-11	Zinc (Total)	0.0053	mg/L	Exova Accutest
896364	MRY-9	13-Jul-11	Total Suspended Solids	<2	mg/L	Exova Accutest
896364	MRY-9	13-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	pH	8.18	pH units	Exova Accutest
897361	MRY-13A	16-Jul-11	Alkalinity as CaCO3	151	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Conductivity	501	uS/cm	Exova Accutest
897361	MRY-13A	16-Jul-11	Total Dissolved Solids	326	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Total Suspended Solids	<2	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Oil & Grease	<1	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Total Organic Carbon	3.8	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Dissolved Organic Carbon	3.6	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Aluminum (Total)	<0.0030	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Antimony (Total)	<0.00010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Arsenic (Total)	0.00013	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Barium (Total)	0.0256	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Cadmium (Total)	<0.000010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Chromium (Total)	<0.00050	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Cobalt (Total)	<0.00010	mg/L	Exova Accutest

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
897361	MRY-13A	16-Jul-11	Copper (Total)	0.00094	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Iron (Total)	<0.03	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Lead (Total)	<0.00005	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Lithium (Total)	<0.0050	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Manganese (Total)	0.000562	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Mercury (Total)	<0.000010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Molybdenum (Total)	0.000212	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Nickel (Total)	0.00909	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Selenium (Total)	<0.0010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Strontium (Total)	0.0219	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Thallium (Total)	<0.00010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Tin (Total)	<0.00010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Titanium (Total)	<0.01	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Uranium (Total)	0.000231	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Vanadium (Total)	<0.0010	mg/L	Exova Accutest
897361	MRY-13A	16-Jul-11	Zinc (Total)	<0.0030	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	pH	8.16	pH units	Exova Accutest
897362	MRY-1301A	16-Jul-11	Alkalinity as CaCO3	151	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Conductivity	500	uS/cm	Exova Accutest
897362	MRY-1301A	16-Jul-11	Total Dissolved Solids	325	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Total Suspended Solids	<2	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Oil & Grease	<1	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Total Organic Carbon	4.1	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Dissolved Organic Carbon	3.7	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Aluminum (Total)	0.058	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Antimony (Total)	<0.00010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Arsenic (Total)	0.00014	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Barium (Total)	0.0262	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Cadmium (Total)	<0.000010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Chromium (Total)	0.00067	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Cobalt (Total)	<0.00010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Copper (Total)	0.00112	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Iron (Total)	0.09	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Lead (Total)	0.00008	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Lithium (Total)	<0.0050	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Manganese (Total)	0.00473	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Mercury (Total)	<0.000010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Molybdenum (Total)	0.000158	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Nickel (Total)	0.00968	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Selenium (Total)	<0.0010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Strontium (Total)	0.0211	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Thallium (Total)	<0.00010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Tin (Total)	<0.00010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Titanium (Total)	<0.01	mg/L	Exova Accutest

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
897362	MRY-1301A	16-Jul-11	Uranium (Total)	0.000279	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Vanadium (Total)	<0.0010	mg/L	Exova Accutest
897362	MRY-1301A	16-Jul-11	Zinc (Total)	<0.0030	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	pH	8.16	pH units	Exova Accutest
897363	MRY-13B	16-Jul-11	Alkalinity as CaCO3	142	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Conductivity	471	uS/cm	Exova Accutest
897363	MRY-13B	16-Jul-11	Total Dissolved Solids	306	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Total Suspended Solids	<2	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Oil & Grease	<1	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Total Organic Carbon	4	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Dissolved Organic Carbon	3.6	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Aluminum (Total)	0.0041	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Antimony (Total)	0.00012	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Arsenic (Total)	0.00011	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Barium (Total)	0.0236	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Cadmium (Total)	<0.000010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Chromium (Total)	<0.00050	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Cobalt (Total)	<0.00010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Copper (Total)	0.00104	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Iron (Total)	<0.03	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Lead (Total)	<0.00005	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Lithium (Total)	<0.0050	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Manganese (Total)	0.0011	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Mercury (Total)	<0.000010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Molybdenum (Total)	0.000131	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Nickel (Total)	0.0071	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Selenium (Total)	<0.0010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Strontium (Total)	0.0201	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Thallium (Total)	<0.00010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Tin (Total)	<0.00010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Titanium (Total)	<0.01	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Uranium (Total)	0.000324	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Vanadium (Total)	<0.0010	mg/L	Exova Accutest
897363	MRY-13B	16-Jul-11	Zinc (Total)	<0.0030	mg/L	Exova Accutest
897414	MRY-7	16-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
897414	MRY-7	16-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
897414	MRY-7	16-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
897414	MRY-7	16-Jul-11	Oil & Grease - Total	0	mg/L	Exova Accutest
897414	MRY-7	16-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
897423	MRY-7	18-Jul-11	Benzene	<0.5	ug/L	Exova Accutest
897423	MRY-7	18-Jul-11	Ethylbenzene	<0.5	ug/L	Exova Accutest
897423	MRY-7	18-Jul-11	Lead (Total)	<0.001	mg/L	Exova Accutest
897423	MRY-7	18-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Unit	Lab
897423	MRY-7	18-Jul-11	Toluene	<0.5	ug/L	Exova Accutest
897979	MRY-4	20-Jul-11	Biochemical Oxygen Demand	5	mg/L	Exova Accutest
897979	MRY-4	20-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
897979	MRY-4	20-Jul-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
897979	MRY-4	20-Jul-11	Total Suspended Solids	12	mg/L	Exova Accutest
897979	MRY-4	20-Jul-11	pH	6.45	pH units	Exova Accutest
897986	MRY-401	20-Jul-11	Biochemical Oxygen Demand	5	mg/L	Exova Accutest
897986	MRY-401	20-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
897986	MRY-401	20-Jul-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
897986	MRY-401	20-Jul-11	Total Suspended Solids	12	mg/L	Exova Accutest
897986	MRY-401	20-Jul-11	pH	7.47	pH units	Exova Accutest
897987	MRY-402	20-Jul-11	Biochemical Oxygen Demand	<1	mg/L	Exova Accutest
897987	MRY-402	20-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
897987	MRY-402	20-Jul-11	Faecal Coliforms	<10	CFU/100mL	Exova Accutest
897987	MRY-402	20-Jul-11	Total Suspended Solids	<2	mg/L	Exova Accutest
897987	MRY-402	20-Jul-11	pH	7.51	pH units	Exova Accutest
899009	MRY-4	25-Jul-11	Biochemical Oxygen Demand	10	mg/L	Exova Accutest
899009	MRY-4	25-Jul-11	Total Suspended Solids	26	mg/L	Exova Accutest
899165	MRY-4	25-Jul-11	Faecal Coliforms	50	CFU/100mL	Exova Accutest
899009	MRY-4	25-Jul-11	Oil & Grease - Total	<1	mg/L	Exova Accutest
899009	MRY-4	25-Jul-11	pH	6.87	pH units	Exova Accutest

Notes: The RBC annual maintenance shut down occurred during this reporting period
MRY-9 is downstream of bulk sample pit/bench.
MRY-10 is downstream of bulk sample weathered ore/waste rock pile.
MRY-11 is downstream of bulk sample crusher area.
MRY-12 is downstream of bulk ore stockpile area at Milne Inlet.
MRY-13a is downstream of non-hazardous landfill facility.
MRY-13b is downstream of MRY-13a.

Table 3: Flow and Volume Measurements-Part I Item 7 - July 2011

DATE	Camp Lake Freshwater Use (Mary River Camp) - Daily Potable Water (m ³) - MRY-1	Camp Lake Daily Freshwater Use for Other Purposes - (m3) - MRY-1	Three Km Lake Steensby Inlet Daily Potable Water (m ³)	Treated Sewage Effluent (m ³) from WWTF to PWSP at Mary River Camp - MRY-4	Sewage Sludge Removed (m ³) from Mary River WWTP	Daily Drill Water Use (m ³) - Geotechnical	Treated Sewage Effluent (m ³) from PWSP to Sheardown Lake (MRY-4a,b,c)
1-Jul	16.3	0.0	0.0	16.3	0.0	39.1	138.0
2-Jul	12.5	8.7	0.0	12.5	0.0	50.0	0.0
3-Jul	19.7	37.5	0.0	19.7	0.0	53.9	0.0
4-Jul	23.8	0.0	0.0	23.8 (12.0)	0.0	114.6	0.0
5-Jul	25.0	0.0	17.0	25.0	0.0	32.1	0.0
6-Jul	24.6	0.0	0.0	24.6	0.0	70.2	0.0
7-Jul	24.6	0.0	0.0	24.6	0.0	37.5	0.0
8-Jul	8.2	8.2	0.0	8.2	0.0	30.0	0.0
9-Jul	24.6	8.2	0.0	24.6	0.0	45.1	0.0
10-Jul	24.6	24.6	0.0	24.6 (12.0)	0.0	36.3	0.0
11-Jul	24.6	8.2	0.0	24.6	0.0	28.3	0.0
12-Jul	24.6	0.0	0.0	24.6	0.0	51.3	93.0
13-Jul	16.4	0.0	9.8	16.4	0.0	61.0	163.0
14-Jul	24.6	0.0	0.0	24.6	0.0	63.5	138.0
15-Jul	24.6	8.2	0.0	24.6	0.0	47.3	225.0
16-Jul	16.4	0.0	0.0	16.4	0.0	90.7	373.0
17-Jul	16.4	24.6	0.0	16.4	0.0	30.1	297.0
18-Jul	16.4	24.6	0.0	16.4	0.0	11.2	0.0
19-Jul	16.4	0.0	0.0	16.4	0.0	31.8	0.0
20-Jul	16.4	0.0	0.0	16.4	0.0	53.3	0.0
21-Jul	16.4	0.0	0.0	16.4 (12.0)	0.0	47.7	0.0
22-Jul	24.6	0.0	0.0	24.6	0.0	50.2	0.0
23-Jul	16.4	0.0	0.0	16.4	0.0	46.4	0.0
24-Jul	16.4	8.2	0.0	16.4	0.0	81.0	0.0
25-Jul	16.4	0.0	0.0	16.4 (12.0)	0.0	49.5	0.0
26-Jul	16.4	0.0	8.1	16.4	0.0	39.9	0.0
27-Jul	16.4	0.0	3.1	16.4	0.0	41.6	0.0
28-Jul	16.4	0.0	0.0	16.4	0.0	12.7	0.0
29-Jul	16.4	0.0	1.5	16.4	0.0	58.3	0.0
30-Jul	16.4	0.0	6.8	16.4	0.0	83.6	0.0
31-Jul	16.4	0.0	0.0	16.4	0.0	85.3	0.0
Total	589.3	161.0	46.4	637.2	0.0	1573.5	1427.0

Notes:

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

- 1 Due to maintenance work being completed on the Milne RBC, partially treated sewage was transported from the Milne RBC to the Mary River PWSP No. 1 on July 4, 10, 15, 21 and 25. These volumes are shown in parentheses.