MEADOWBANK
GOLD
PROJECT

2012 Annual Report

Water Licence 2BE-MEA0813

Prepared for the Nunavut Water Board
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Contact:

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B2. The Licensee shall file an Annual Report on the appurtenant undertaking with the Board no later than March 31st of the year following the calendar year being reported which shall contain the following information:

a. A summary report of water use and waste disposal activities;

The Licence authorizes to use a maximum of 269m³/day and we reached a maximum use of 113,9m³/day in June 2012.

b. A summary of waste disposal activities including volumes and locations of waste released including but not limited to, greywater and drill cuttings, procedures for disposal thereof, and results of any pre-release monitoring and/or treatment

Solid Waste:
All solid wastes are sorted at the work sites and regularly transported to the Meadowbank mine site for proper disposal.

Greywater:
There is a "greywater" system installed at the exploration camp. This system includes a grease trap which separates the grease which is collected and transported by vacuum/septic truck to the Meadowbank mine site for disposal on a weekly basis.

Sewage:
All sewage was directed to the sewage holding tank and then transported to the Meadowbank mine site via vacuum/septic truck for processing at the onsite sewage treatment plant.

Drill Waste
Cuttings: When drilling on ice, drill cuttings are collected by vacuum tanker for transport and dumped within a natural topographic depression located at least 30 meters away from any water body.

c. A summary of trenching and drilling operations;

Drilling
In the work plan 2012 submitted to the Kivalliq Inuit Association, 166 drills holes were planned (of which 162 on IOL). Finally, 72 drill holes all located on IOL were made by Agnico-Eagle Mines for a total length of 17 837 meters. Drill holes reclamation was completed during the program.

Trenches
Four (4) trenches were planned for 2012, but finally none were done.

d. A summary of construction activities or modifications carried out;

No construction activities.

e. A list of unauthorized discharges and a summary of follow-up actions taken;

No unauthorized discharge.

f. Any revisions to the Spill Contingency Plan and Abandonment and Restoration Plan, including contact information;

Please see appendix A for the Spill Contingency Plan Updated September 2012 and appendix B for the Closure and reclamation plan Updated December 2012.

g. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;

Five (5) trenches done in 2010 were not reclaimed. One of them was reclaimed during 2011 and 2 were reclaimed in 2012. The 2 trenches still not reclaimed have a total area of 184.9 m^2.

h. A summary of all information requested and results of the Monitoring Program; and

No information request. See part J for the monitoring program results.

i. Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No details were requested by the Board.

PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM

1. **The Licensee shall measure and record, in cubic metres, the daily quantities of water utilized for camp, drilling and other purposes.**

Month	Domestic water m³/day	Water for drilling m³/day	Total m³/day	Total m³
Jan-12	4.2	0.0	4.2	130.2
Feb-12	5.7	0.0	5.7	159.6
Mar-12	5.8	0.0	5.8	179.8
Apr-12	6.8	35.6	42.4	1272.0
May-12	7.0	40.1	47.1	1460.1
Jun-12	9.6	104.3	113.9	3417.0
Jul-12	9.2	83.8	93.0	2883.0
Aug-12	6.7	47.9	54.6	1692.6
Sep-12	5.6	0.0	5.6	168.0
Oct-12	5.3	0.0	5.3	159.0
Nov-12	4.2	0.0	4.2	126.0
Dec-12	4.3	0.0	4.3	133.3
			TOTAL	11780.6

2. **The Licensee shall provide the GPS co-ordinates of all locations where sources of water are utilized for all purposes.**

   Camp water intake (UTM Nad83, Zone 15): (351597,5 ;7215626,7)

Water sources for drilling location (UTM Nad83, Zone 15)

X	Y
357283.8	7229178.7
360843.0	7232634.0
364536.0	7230053.0
366649.8	7222472.8
365067.0	7222706.0
364279.6	7221273.5
362443.1	7221448.4
361162.5	7220321.1
360553.8	7225070.3
359573.6	7224561.0
353348.5	7227969.2
353520.7	7227216.0
353967.3	7225288.6
358468.9	7223382.9
357055.4	7220713.9
355295.2	7218434.6
357923.8	7217976.8
358775.9	7216109.8
352410.8	7216537.0
352814.8	7211537.1
355117.6	7211235.4
355677.9	7210810.6
356198.6	7228153.2

3. The Licensee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where wastes associated with camp operations and drilling operations are deposited.

All the waste is brought and managed at the Meadowbank mine site.

6. The Licensee shall obtain representative samples of the water column below any ice, where required under Part F, Item 6 and 7. Monitoring shall include, at a minimum, 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

	TRP12-A Before	TRP12-A after	EB12-A Before	EB12-A During	EB12-A After	GS12 before	GS12 During	GS12 During	GS12 During	GS12 After	GS12-B2 During	GS12-B2 After	FW12-B before	FW12-B after
Sampling Date	2012-05-26	2012-06-05	2012-05-20	2012-05-25	2012-06-04	2012-04-16	2012-04-23	2012-05-02	2012-05-15	2012-05-21	2012-05-10	2102-05-15	2012-04-14	2012-04-25
Aluminium	0.093	0.078	0.207	<0.006	0.03	0.016	<0.006	0.064	0.092	0.099	0.019	0.049	<0.006	0.032
Antimony	0.0003	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Arsenic	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Barium	0.0281	0.0008	0.0226	0.0099	0.0056	0.0037	0.0041	0.0032	0.0123	0.0046	0.0058	0.0062	0.0031	0.0146
Beryllium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005
Cadmium	0.00005	<0.00002	0.00009	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002
Chrome	0.0157	<0.0006	0.0171	0.0013	<0.0006	<0.0006	0.0053	0.0012	<0.0006	<0.0006	<0.0006	<0.0006	0.013	0.002
Cobalt	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Conductivity	198	30	58	24	21	49	44	26	34	15	43	35	29	72
Copper	0.011	<0.0005	0.0088	0.0041	<0.0005	0.0008	0.0021	0.0007	0.0029	0.0031	0.0011	0.0017	0.0042	0.0115
Tin	<0.001	<0.001	<0.001	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.47	0.07	0.32	0.03	0.06	0.02	<0.01	0.04	0.09	0.65	0.05	0.03	<0.01	0.13
Lithium	<0.005	<0.005	<0.005	0.019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TSS	12	1	24	<1	8	<1	<1	<1	4	10	4	3	1	3
Manganese	0.0158	0.011	0.0301	0.0045	0.0067	0.0006	0.0011	0.0012	0.0028	0.018	0.0019	0.0043	<0.0005	0.0066
Mercury	0.00004	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00004	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Molybdenum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Nickel	0.002	<0.0005	0.0013	0.0014	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	0.001	<0.0005	<0.0005	0.0008	0.0015
pH	5.91	6.64	6.48	4.32	5.51	4.42	6.19	6.27	6.79	6.79	6.79	6.78	4.35	6.79
Lead	<0.0003	0.0121	0.0036	<0.0003	0.0114	0.0087	<0.0003	<0.0003	0.0016	0.0008	0.04	<0.0003	<0.0003	<0.0003
Selenium	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Strontium	0.009	<0.005	0.009	0.393	<0.005	0.012	0.015	0.011	0.018	<0.005	0.014	0.024	0.011	0.015
Thallium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Titanium	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Uranium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0010	<0.001	<0.001
Vanadium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Zinc	0.084	<0.001	0.043	0.03	0.01	0.004	0.036	0.008	0.01	0.033	0.006	0.015	0.031	0.069

Appendix A

Spill contingency plan Updated September 2012

Appendix B

Closure and reclamation plan Updated December 2012