



MIRAMAR HOPE BAY LTD.

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31 May 2004

Via e-mail only:

Mr. David Hohnstein
Technical Advisor Mining
Nunavut Water Board,
P.O. Box 119
Gjoa Haven, NU, X0E 1J0

Dear Mr. Hohnstein,

Re: March / April 2004 Monthly Report for Water License: NWB1BOS0106

Activities at the Boston camp during the months of March and April focused on activities related to the Boston Deeps exploration program. The pumphouse was repositioned on Spyder (Aimaokatak) Lake and flows are recorded by the in-line flow-meter. The camp was fully operational from March 01st and the population for the report period was approximately 40 personnel. These numbers are expected to remain consistent throughout the 2004 program.

Water for all purposes is pumped from one pumping station, that being 1652-1a. The licence allows for water use of 150 cubic metres per day. There was no activity underground and hence nothing to report as per the attached table.

Intake Site	Particulars	March , 2004	April, 2004	Year-to-Date (YTD)
1652-1a	Camp & Domestic Use	135 m ³	282 m ³	417 m ³
1652-1a	Underground Operations – Inactive	0 m ³	0 m ³	0 m ³

Outflow Site	Particulars	Total Waste Discharged into Spyder (Aimaokatak) Lake
1652-2	Underground Operations - Inactive	0 m ³

The following table provides results of water quality samples collected during the report period as per the SNP requirements of this licence. Due to poor conditions (the sewage discharge caused some ice buildup and was considered unsafe to collect the sample at the end of pipe), there was no sample taken at SNP station 1652-3 in March. This has been rectified for the April and subsequent report periods. Please note that SNP stations 1652-4 and 1652-5 are only required during open water conditions and therefore were not done in March and April. Analyses results for the report period are provided in the following table:

Parameters	SNP #1652-3	SNP#1652-4	SNP #1652-5
	Sewage-End of Pipe	Sewage effluent point discharge into Spyder Lake	Sewage effluent point discharge into Spyder Lake
Sample Date	April 29, 2004	n/a-frozen	n/a-frozen

Physical Tests	Results		
Hydrogen ion – field pH	7.71		
Total Suspended Solids (mg/L)	67		
Field Sample Temperature (°C)	17		
Bacteriological Tests			
Coliforms – Faecal (CFU/100mL)	330,000		
Extractable			
Oil and Grease (No Visible Sheen)	No-Visible Sheen		
Organic Parameters			
BOD ₅ (mg/L)	83		
Nutrients			
Orthophosphate as P (mg/L)	6.73		
Phosphate, Total (mg/L)	11.5		
Subcontracted Nutrients			
Kjeldahl Nitrogen, Total	83		
Nitrate+Nitrite as N (mg/L)	<2		

Please be advised that a Senior Environmental Coordinator arrived on site in May and it is expected that all compliance monitoring will be completed and submitted as required by the Boston water licence.

There were no reportable spills for the period reported.

If you have any questions related to this matter, please do not hesitate to contact the undersigned on the above numbers or 1-780-975-2550, or you can contact me by e-mail at hugh_r_wilson@hotmail.com; or hwilson@miramarmining.com.

Sincerely,
Miramar Hope Bay Ltd.

Original signed by: "H. R. Wilson"

Hugh R. Wilson,
Manager, Environmental Affairs

CC: Tim Canam Project Manager/Boston- MHL
Matthew Kawei : Senior Environmental Coordinator - MHL
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