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*By Manager of Licensing at 11:51 am, Aug 22, 2011*



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August 22, 2011

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VIA EMAIL

David Hohnstein  
Director Technical Services  
Nunavut Water Board  
PO Box 119 Gjoa Haven, NU X0B 1J0  
[dts@nunavutwaterboard.org](mailto:dts@nunavutwaterboard.org)

Dear Ian and David,

Re: 2BB-BOS0712 Discharge from Containment Pond BOS-2 at Boston Camp

Please be advised that HBML, under Part D: Item 23 of the Hope Bay Regional Exploration Licence 2BB-BOS0712, is providing written notice to an Inspector prior to a planned discharge from the Containment Pond BOS-2 located at Boston camp.

Sampling undertaken from the containment pond at monitoring location BOS-2 on August 2, 2011 indicates that the water meets the effluent quality standards for discharge as specified in the licence. This containment pond during the winter season received on-ice winter drilling clean-up snow, and during the early summer season received effluent from the Boston Camp Bulk Fuel storage and temporary fuel storage berms, therefore samples were taken from BOS-2 for both the water quality parameters required for BOS-2 and BOS-5, the Bulk Fuel Storage Facility.

Samples were taken both before (pre) and after (post) treatment through an oil/water separator. The effluent was found to be compliant for all the required BOS-2 parameters without further treatment, however, the BOS-5 discharge criteria for lead is lower than the BOS-2 discharge criteria, and the sample was not compliant with this lower level prior to treatment, but was compliant after treatment. Although the post-treatment sample was at the required discharge criteria concentration for lead, HBML proposes to discharge approximately 50m<sup>3</sup> of water via the oil-water separator. This treated water will be discharged to the tundra just east of the facility in a manner that minimizes surface erosion and is a minimum distance of 30m from any water body.

Analytical sampling results are provided in the following table:

Parameter/SNP Sites	BOS-2	BOS-2	BOS-2 Discharge Criteria		BOS-5 Discharge Criteria
ALS Lab Reference #	L1033840-1	L1033840-1	Maximum Average Concentration (mg/L)	Maximum Concentration of any Grab Sample (mg/L)	Maximum Concentration of any Grab Sample (mg/L)
Field Sample Details	BOS2-02Aug11 PRE	BOS2-02Aug11 POST	Part D: Item 8	Part D: Item 8	Part D: Item 21
Sample Date/Time	August 2,2011 8:28 AM	August 2,2011 1:30 PM			
Total Arsenic	0.143	0.0812	0.5	1.00	
Total Copper	0.0075	<0.0010	0.30	0.60	
Total Lead	0.0029	0.0011	0.20	0.40	0.001
Total Nickel	0.0617	0.0102	0.50	1.00	
Total Zinc	0.0049	0.0102	0.50	1.00	
Total Suspended Solids	<3.0	<3.0	25.0	50.0	
Oil and Grease	<1.0, no visible sheen	<1.0, no visible sheen	-	No visible sheen	15 and no visible sheen
pH	7.91	8.23	Between 6.0 and 9.5	Between 6.0 and 9.5	
Benzene	<0.00050	<0.00050	-		0.370
Toluene	<0.00050	<0.00050	-		0.002
Ethylbenzene	<0.00050	<0.00050	-		0.09

Additional sampling will be undertaken weekly if needed and once near the end of discharge in accordance with the requirements of Part J: Item 2 of the licence; however, discharge is anticipated to take only one day, therefore, a minimum of one sample during discharge will be collected. The results of this sampling will be provided in the monthly monitoring report for 2BB-BOS0712.

Kindly acknowledge receipt of this notification and direct any questions to the undersigned. If you have any questions please feel free to contact me at [angela.holzapfel@newmont.com](mailto:angela.holzapfel@newmont.com).

Sincerely,

Angela Holzapfel  
Environmental Compliance Manager  
Hope Bay Mining Ltd.

cc. Phyllis Beaulieu, Nunavut Water Board