

January 3, 2013

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

**Re: December 2012 – Monthly Monitoring Report for Water Licence 2AM-DOH0713 - Updated**

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This report is comprised of monitoring requirements as set out in Schedule J of water license 2AM-DOH0713 and additional requirements from AANDC. License items include:

- Part D (Conditions Applying to Construction) Items 7 and 19;
- Part E (Conditions applying to Water Use) Item 1;
- Part G (Conditions Applying to Waste Management and Waste Management Plans) Items 3(e) and 3(b), Item 21 (a) and 22 (e);
- Part J (Conditions Applying to General and Aquatic Effects Monitoring) Items 12 and 14.

Other monitoring requirements stipulated in the license refer to facilities that have not been constructed. Doris Camp closed on October 12, 2012 and will be operated seasonally for compliance and reclamation activities under care and maintenance. The facility will be reopened in late-April/early-May 2013.

Winter site inspections will be conducted monthly once the ice between the mainland and Victoria Island allows snowmobile transit. The December inspection results are summarized at the end of this report. The full inspection is also attached to this report to comply with AANDC's request to see them.

**Part D: Conditions Applying to Construction**

**Item 7. Construction Monitoring**

Construction activities did not take place in this month.

**Item 19. Surface Runoff Effluent Quality Limits**

There was no runoff from construction areas, therefore, turbidity and total suspended solids samples were not collected.

**Part E: Conditions Applying to Water Use**

**Item 1: Water Usage**

There was no water usage this month as the camp is closed for winter.

**Part G: Conditions Applying to Waste Management and Waste Management Plans.**

**Item 1: Condition to Provide Notice of a Planned Discharge**

Water was not discharged from any facilities this month.

**Item 3(b): Conditions applying to sewage effluent quality**

The sewage treatment plant is not in operation because the camp is closed for winter; therefore effluent quality could not be tested this month.

**Item 3(e): Treated Sewage Effluent Release in cubic meters**

The sewage treatment plant is not in operation due to the camp being closed for winter, therefore, effluent was not released this month.

**Item 21 (a) and Items 22 (c), (e): Sedimentation pond, land farm, and fuel containment sumps**

Water was not discharged from any containment facilities this month.

**Item 26, 27, 28 and Part J Item 8: Water Discharged from Tailing Impoundment Area**

Water samples were not collected from TL-1, TL-2, TL-3, TL-4, and TL-10 as there was no discharge from the TIA this month.

**Item 30: Tailings Impoundment Area Discharge Volume**

Dewatering of the Tailings Impoundment Area commenced on June 11, 2012 and was completed for the season on September 13, 2012. No discharge occurred this month.

**Schedule J: Tailings Impoundment Area Water Quality (TL-10)**

Samples were not collected at station TL-10 during this month; discharge from the TIA ceased September 13, 2012.

**Part J: Conditions Applying to General and Aquatics Effects Monitoring**

**Item 12d Tonnages of Waste Rock Stored on the Temporary Waste Rock Pad**

Underground mining is no longer occurring. Waste rock has not been removed from the pile. The total volume of rock on the temporary waste rock pad is 182 716 tonnes, as per the December 2011 survey.

**Item 12g Tail Lake Ice Thickness**

The camp is closed for winter, therefore, ice thickness could not be measured.

**Environmental Incident Reporting**

There were no environmental incidents in this reporting period.

**Winter Site Inspection**

The Doris Site was opportunistically inspected on December 23, 2012, directly after the ice between Victoria Island and the mainland became passable by snow machine.

No issues of concern were identified during the inspection. There was no indication of site visitation by other snowmobilers (no tracks were visible). The full inspection report, with accompanying photos, is attached.


Should there be any questions regarding this monthly report, please contact Katsky Venter, ESR Site Manager for Hope Bay Mining Limited at (604) 358-7325 or [Katsky.Venter@Newmont.com](mailto:Katsky.Venter@Newmont.com).

Yours sincerely,

**Katsky Venter**

Environmental and Social Responsibility Site Manager

Hope Bay Mining Limited

		<b>2012-2013 Hope Bay - Doris Care &amp; Maintenance Inspection</b>			
Inspected By: (Please Print)	1 <u>ALEX BUCHAN</u> 3	Date(s) of Inspection (dd/mm/yy):	23 / 12 / 12		
	2 <u>ALEXA BUCHAN</u> 4				
Area 1: KBL Waste Management - Office					
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>			
2 ) Signs of damage to exterior	Yes	<u>No</u>			
Area 2: KBL Waste Management - Incinerator					
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>			
2 ) Signs of damage to exterior	Yes	<u>No</u>			
Area 3: Kingland Ford Tent					
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>			
2 ) Signs of damage to exterior	Yes	<u>No</u>			
Area 4: 5 Million Litre Tank / Containers (Robert's Bay)					
1) Signs of damage to tank walls / valves	Yes	<u>No</u>			
2 ) Signs of leaks or spills	Yes	<u>No</u>			
3) Containers are not leaking and are locked & secure	Yes	<u>No</u>			
Area 5: Orbit Shop (Robert's Bay)					
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>			
2 ) Signs of damage to exterior	Yes	<u>No</u>			
Area 6: Robert's Bay Tank Farm					
1) Signs of damage to tank walls / valves	Yes	<u>No</u>			
2 ) Signs of leaks or spills	Yes	<u>No</u>			
3) Tank Readings: Tank #4: <u>21.7</u> Tank #3: <u>52.5</u> Tank #2: <u>11.35</u>					
Area 7: Airstrip Tower and Fuel/Lube Containers					
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>			
2 ) Signs of damage to exterior	Yes	<u>No</u>			
3 ) Signs of leaks or spills (containers)	Yes	<u>No</u>			



Area 8: Washbay Emergency Shelter with Tank			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of damage to exterior	Yes	<u>No</u>	
2 ) Signs of leaks or spills	Yes	<u>No</u>	
Area 9: Explosives Washbay			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of damage to exterior	Yes	<u>No</u>	
Area 10: West Arc Shop			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of damage to exterior	Yes	<u>No</u>	
Area 11: Geotech Shop			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of damage to exterior	Yes	<u>No</u>	
Area 12: Batch Plant and Seacan Storage Area			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of damage to exterior	Yes	<u>No</u>	
3) Seacan doors open (to North of Batch Plant)	Yes	<u>No</u>	
SOME FOX TRACKS (OLD)			
Area 13: 7.5 Million Litre Tank Farm - Doris Camp			
1 ) Signs of damage to tank walls	Yes	<u>No</u>	
2 ) Signs of leaks or spills (tanks are identified with numbers)	Yes	<u>No</u>	
3) Tank Readings: Tank #1: <u>6.2</u> Tank #2: <u>40.7</u> Tank #3: <u>8.05</u> Tank #4: <u>41.0</u> Tank #5: <u>7.85</u>			
Area 14: Doris Fuel Module			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of leaks or spills	Yes	<u>No</u>	
Area 15: Doris Camp Main Power House & Day Tanks			
1 ) Signs of entry (forced or wildlife)	Yes	<u>No</u>	
2 ) Signs of leaks or spills	Yes	<u>No</u>	
Area 16: Portal Entrance and White Weatherhaven south of Portal			
1 ) Signs of entry - Portal & Weatherhaven (forced or wildlife)	Yes	<u>No</u>	
2 ) Locks still intact on screen	Yes	<u>No</u>	
OLD WOLVERINE TRAIL UP TO HILL			



Area 17: Vent Raise / Modules and Fuel Tank			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
3 ) Signs of leaks or spills	Yes	No	
Area 18: Camp Admin Area and Mine Dry			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
Area 19: Geology Admin Area			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
Area 20: ERT Building			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
Area 21: Newmont Warehouse (1) / Core Shack (2)			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
Area 22: Construction Powerhouse - Doris Camp			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
3 ) Signs of leaks or spills (fuel tank NE of Powerhouse)	Yes	No	
Area 23: Main Camp (Wings, recreation area, kitchen, offices, security & cabins)			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
Area 24: Heli Pad Emergency Shelter and Tanks			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of damage to exterior	Yes	No	
2 ) Signs of leaks or spills	Yes	No	
Area 25: Emergency Power House and Pumphouse - Doris Lake			
1 ) Signs of entry (forced or wildlife)	Yes	No	
2 ) Signs of leaks or spills	Yes	No	

FOX TRAIL TO LAKE

### Inspection Review & Summary

(Please report any findings or concerns)

Area:

Findings or concerns (provide photos): NO SNOWMOBILE TRAIL TO SITE  
NOT VISITED BY ANYONE

Area:

Findings or concerns (provide photos): WOLVERINE COULD BE DENNING  
IN WASTE ROCK PILE


Area:









Findings or concerns (provide photos):

General notes on snow conditions (may provide photos):





ROADS FAIRLY CLEAR

Additional comments (e.g. wildlife sightings, photographs taken):

Signatures	Inspector #1		Inspector #3	
	Inspector #2		Inspector #4	
	Primary Contact or designate:		Date Reviewed:	

	
<p>Roberts Bay Laydown</p>	<p>Roberts Bay Tank Farm Tank #4</p>
	
<p>Roberts Bay Tank Farm Tank #3</p>	<p>Roberts Bay Tank Farm Tank #2</p>
	
<p>Roberts Bay Waste Management Area</p>	<p>Roberts Bay Tank Farm Berm</p>
	
<p>Doris Camp</p>	<p>Doris Camp Main Entry</p>



	
Doris Camp	Doris Portal
	
Doris Tank Farm Tank #1	Doris Tank Farm Tank #2
	
Doris Tank Farm Tank #3	Doris Tank Farm Tank #4
	
Doris Tank Farm Tank #5	Doris Tank Farm Berm
	
Doris Power Plant	

