

Hope Bay Mining Ltd.
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May 25, 2011

David Hohnstein
Director Technical Services
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
dts@nunavutwaterboard.org

INCIDENT REPORT 2AM-DOH0712 – Discharge of Run-off Water

Dear Mr. Hohnstein;

As per my message of today, please find enclosed a spill report form and an incident report relating to the discharge of run-off water reported to the NT-NU Spill Line on May 23, 2011. We have also provided this information to the INAC Inspector.

As indicated in the incident report, we will advise of the composition of the released run-off water and the upstream and downstream samples once the results are received from the laboratory.

In the meantime, please do not hesitate to contact me or Chris Hanks, Director, Environment and Social Responsibility if you have any questions about this event.

Sincerely,

Angela Holzapfel

Manager of Environmental Compliance

Hope Bay Mining Ltd.





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NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

Α	REPORT DATE: MONTH - DAY - YEAR		REPORT		1:			DY O	XORIGINAL SPILL REPORT,		
Δ	May-23-2011		ZZ:4U OR			1		REPORT NUMBER			
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F	Hope Bay Mining Ltd								/ancouver, E	3C, V7	P 3S1
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J	Water soaked into tu	DESCRIBE ANY ASSISTANCE REQUIRED none required						HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT			
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K		nvestigation is in progress and updated information will be available on May 24, 2011. This nformation will be forwarded when the investigation is complete.									
ı	REPORTED TO SPILL LINE BY POSITION		EMPL					l	Į.		TELEPHONE
ᆫ	Angela Holzapfel	Compliance M	ce Manager		Hope Bay Mining		g	Doris Camp			(604)759-4710
М	ANY ALTERNATE CONTACT	POSITION		EMPLOYE	ER				ERNATE CONTACT CATION		ALTERNATE TELEPHONE
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Canada NT-NU SPILL REPORT

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A	May-23-2011	22:40				OR ORIGINAL SPILL REPORT,			REPORT NUMBER				
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В	May-22-2011 and Ma	•		intermittent				THE ORIGINAL SPILL	REPORT				
$\overline{}$	LAND USE PERMIT NUMBER (IF AF				ENCE NUMBE		APPLICABLE)						
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F	Hope Bay Mining Ltd							Vancouver. E	C. V7I	P 3S1			
_	ANY CONTRACTOR INVOLVED	#300, 889 Harbourside Dr, North Vancouver, BC, V7P 3S1											
G													
	PRODUCT SPILLED	QUANTITY IN LIT	TRES, KILO	OGRAMS (R CUBIC MET	RES	U.N. NUMBER						
	other-possible conta	291 cubic	es (tot	al)		na							
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1	spill source pollution control por	nd	SPILL CAUSE					AREA OF CONTAMINATION IN SQUARE METRES under investigation HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT					
	FACTORS AFFECTING SPILL OR RI		DESCRIBE ANY ASSISTANCE REQUIRED										
J	Water soaked into tu	none req		ICE NEQUI	AED		TIAZARDS TO PERSONS, PROPERTY OR EQUIPMENT						
	ADDITIONAL INFORMATION, COMM		_		N, RECOVE	R OR DISPOSE	OF S	SPILLED PRODUCT A	ND CONTA	MINATED MATERIALS			
	The product spilled	is runoff water:	from the w	/aste r	nck na	ad that w	26 (collected in t	he nol	lution			
	containment pond.				-				-				
	water began accumu			-			-			•			
	progress.	ŭ	•		•								
K	Full Incident Report to follow.												
,	REPORTED TO SPILL LINE BY POSITION			EMPLOYE				LOCATION CALLING FROM T		ELEPHONE			
L	Angela Holzapfel Compliance I		lanager	Hope	e Bay Mining I			Doris Camp		(604)759-4710			
Μ	ANY ALTERNATE CONTACT	POSITION		EMPLOY	R		ALT	TERNATE CONTACT	A	LTERNATE TELEPHONE			
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REPORT LINE USE ONLY									SERVICE AND A SE				
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В	OCCURRENCE DATE: MONTH - DAY - YEAR May-22-2011 and May-23-2011		l l	1		XUPDATE # 02 TO THE ORIGINAL SPILL REPORT			
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С	LAND USE PERMIT NUMBER (III KTCL308D003	F APPLICABLE)		2AM-DO		APPLICABLE)			
_	GEOGRAPHIC PLACE NAME OF	R DISTANCE AND DIRECTION	FROM NAMED LOCATION	N REGION					
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E			SECONDS 09	LONGITUDE DEGREES 1	06	MINUTES 36	SE	CONDS 29	
F	RESPONSIBLE PARTY OR VES		#300, 889 Har			Vancouver, B	C, V7F	P 3S1	
G	ANY CONTRACTOR INVOLVED								
	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES			U.N. NUMBER			
	other-possible co	ntaminated wate	291 cubic me	tres (total)		na			
H	SECOND PRODUCT SPILLED (I	IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES			U.N. NUMBER			
1	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES				
1	pollution control practors affecting spill o	unapproved d	_		under investigation HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT				
J	Water spread on t	none required			HAZARUS TO FERSO	ONS, FROMENT ON EQUIPMENT			
	ADDITIONAL INFORMATION, CO	OMMENTS, ACTIONS PROPO	SED OR TAKEN TO CONT	AIN, RECOVER OR	DISPOSE OF	SPILLED PRODUCT AN	ID CONTA	MINATED MATERIALS	
K	containment pond. The event occurred during construction of the pollution containment pond, when water began accumulating at the toe of the pond walls, while installation of the HDPE liner was in progress. K Full Incident Report Attached.								
ı	REPORTED TO SPILL LINE BY POSITION		EMPLO			OCATION CALLING FROM		ELEPHONE	
L	Angela Holzapfel	Compliance N	∕lanager Hop	e Bay Mini	ng D	oris Camp		(604)759-4710	
М	ANY ALTERNATE CONTACT	POSITION	EMPLO	YER		CATION	A	LTERNATE TELEPHONE	
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	OND SUPPORT AGENCY								



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May 25, 2011

INCIDENT REPORT 2AM-DOH0712 - Discharge of Run-off Water

As per the requirements of the Doris North Type A Water Licence, HBML is currently constructing a sedimentation pond and a pollution control pond which are designed to receive water runoff and seepage from the camp laydown pads and the mill, ore and waste rock storage pads, respectively. The scheduled completion date for these ponds was June 1, 2011. The high density polyethylene (HDPE) liner was scheduled to be installed starting on May 21, 2011. The water treatment system for the pollution control pond was scheduled for installation in late-June 2011.

On May 21, 2011 it was noted that run-off water had begun to flow within the pollution containment pond due to earlier than expected warming temperatures and melting snow. This run-off water began to accumulate along the inside toe of the pollution containment pond walls, in the key trench that was excavated to key-in the HDPE liner. Installation of the HDPE liner requires dry conditions to allow for fusing the seams. In an attempt to remove the run-off water from the pollution control pond to complete the required HDPE liner seam welding, the run-off water was pumped into the adjacent incomplete sedimentation pond.

The incomplete sedimentation pond was unable to prevent water flowing back into the pollution control pond. To keep the pollution control pond dry to complete the liner installation, on May 22 and 2011 the run-off water was discharged from the pollution control pond onto the rock apron on the south side of the Doris all-weather road, which is the permitted discharge point for the sedimentation pond. As per the 2010 Interim Water Management Plan submitted by HBML in December 2010, this is the location for discharge of treated sedimentation pond water that meets the discharge criteria. The discharge point is located approximately 20 m from the sedimentation pond in a gently sloping area between the Doris all-weather road and a snow berm running parallel to the road.

In total, 291 m³ of run-off water was released. Discharge ceased in the late evening of May 23, 2011 and a preliminary event notification was issued to the NT-NU Spill Line.

Water samples have been collected from the pollution control pond and are currently being analyzed by ALS Laboratories in Yellowknife, NT. In situ water sampling using a field water quality meter, measuring pH, conductivity, salinity and total dissolved solids, was also completed on May 24 and 25, 2011. Measurements were recorded for the water within the pollution control pond, in areas of the tundra near the discharge location, and reference locations.

Water samples and in situ field measurements were collected at one additional upstream isolated location and approximately 400 m downstream near the point where the drainage enters Doris Lake. HBML will advise of the composition of the released run-off water and the upstream and downstream samples once the results are received from the laboratory. A diagram will follow with the laboratory results indicating sampling locations.

Two further days of construction are required to complete the installation of the HDPE liner in the pollution control pond. To keep the pond dry during construction, runoff water is being pumped to the mill, ore and waste rock pads, where it will naturally seep back into the pollution control pond after a period of time while the liner installation continues. When the pond construction is complete, the collected water can be analyzed and treated, if necessary, prior to discharge.

Angela Holzapfel

Manager of Environmental Compliance

Hope Bay Mining Ltd.