

RE: Glycol Spill at Dam 2 Gallons April 4/11

Kurylo, John

Sent: Monday, April 18, 2011 12:27 PM
To: Mark Valeriote [markv@jdsmining.ca]; Bay, Hope
Cc: Jaramillo, John [jjaramillo@eba.ca]; Miskolczi, Iozsef; Rykaart, Maritz; Jerry Graham [jerryg@jdsmining.ca]; Renata Klassen [rklassen@eba.ca]
Attachments: 2011 Preliminary Report --1.xlsx (996 KB)

Hi Mark,

Please find attached the completed 'preliminary report' for the small propylene glycol spill that occurred in the key trench on April 4th, 2011.

Regards,

John
jkurylo@srk.com

Staff Consultant, *EIT*
SRK Consulting (Canada) Inc.
Suite 2200, 1066 West Hastings Street
Vancouver, V6E 3X2, Canada
Tel: +1-604-681-4196; **Fax:** +1-604-687-5532
Direct: +1-604-628-2570

From: Mark Valeriote [mailto:markv@jdsmining.ca]
Sent: Monday, April 18, 2011 7:14 AM
To: Kurylo, John; Bay, Hope
Cc: 'Jaramillo, John'; Miskolczi, Iozsef; Rykaart, Maritz; 'Jerry Graham'
Subject: FW: Glycol Spill at Dam 2 Gallons April 4/11

John,

Please see that the attached "preliminary report" is completed and returned to me.

I would suggest that you have the individuals involved prepare the report.

This report should be completed and returned as soon as possible as the incident occurred on April 4th.

Mark Valeriote
Construction Manager
JDS Energy & Mining Inc.

 markv@jdsmining.ca
 www.jdsmining.ca
 Cell (250) 801-7873
 Kelowna Office (250) 763-6369
 Kelowna Fax (250) 763-6302

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From: Jill Turk [mailto:Jill.Turk@Newmont.com]
Sent: Monday, April 18, 2011 7:09 AM
To: Mark Valeriote
Cc: Calvin G; Jerry Graham
Subject: RE: Glycol Spill at Dam 2 Gallons April 4/11

Hi Mark;

This is the standard HSLP Incident Investigation in use at present.

Thank you for the MSDS sheet. This material is not classified as a poison with a 5L 24-hour regulatory reporting threshold.

Thanks,



Jill Turk
Environmental Coordinator

T 604.759.4714

Hope Bay Mining Ltd.
#300 – 889 Harbourside Drive
North Vancouver, BC V7P 3S1
www.newmont.com

From: Mark Valeriote [mailto:markv@jdsmining.ca]
Sent: Monday, April 18, 2011 6:15 AM
To: Jill Turk
Cc: 'Calvin G'; 'Jerry Graham'
Subject: RE: Glycol Spill at Dam 2 Gallons April 4/11

Jill,

Please send me the appropriate form and I will see that the spill is properly recorded and reported.

The spill was propylene glycol and not ethylene glycol. The propylene glycol was spilled within the key trench of the dam.

Canada - WHMIS

This product has a WHMIS classification of Not controlled..

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

This area has since been covered with another lift of frozen core material.

Mark



Photo 5: The surface of the frozen material in the area of the glycol spill was scraped up with the teeth of the excavator. The material was placed in buckets to be taken to the Waste management Facility for proper disposal.

From: Jerry Graham [mailto:jerryg@jdsmining.ca]
Sent: Sunday, April 17, 2011 11:15 AM
To: Jill Turk; Keith@kblenvironmental.com
Cc: Calvin G; Mark Valeriote
Subject: Re: Glycol Spill at Dam 2 Gallons April 4/11

This is the first I've heard about it Jill. We'll collect the information and do a report right away.

Jerry

Jerry Graham
JDS Energy & Mining Inc.

jerryg@jdsmining.ca

www.jdsmining.ca

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From: [Jill Turk](#)
Sent: Sunday, April 17, 2011 8:57 AM
To: [Jerry Graham](#) ; Keith@kblenvironmental.com
Subject: Glycol Spill at Dam 2 Gallons April 4/11

Good Morning Jerry;

I can see a note in the SRK Daily that this spill was reported to JDS.
Do you know if an PAI was developed and where this might be?

Keith, I know you were off, but is there any record of receiving this glycol-contaminated snow at Waste Management?

Thanks,



Jill Turk
Environmental Coordinator

T 604.759.4714

Hope Bay Mining Ltd.
#300 – 889 Harbourside Drive
North Vancouver, BC V7P 3S1
www.newmont.com

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Preliminary Accident / Incident Report (for small spill)

<div>Event Type</div> <div>Incident</div>	<div>Potential Consequence</div> <div>Insignificant</div> <div>Occurrence Likelihood</div> <div>Possible</div> <div>Risk Score</div> <div>Low</div>		
<div>HSLP Rep</div>			
Date	4/4/11		
Time	11:30 PM		
Actual Location	North Dam, Fillet zone at station 0+50		
Name of Person Involved	Renata Klassen Guanfu Liu	Date Arrived on Site	March 14/11
		Days into Rotation	March 23/11
Immediate Supervisor	Doug Fielding		
Contractor (if applicable)	EBA, A Tetra Tech Company		
Functional Area	Construction		
Operating Site	Doris Camp		
Department	OTHER - type in department to the right	Engineering	
Crew	Nightshift		
Brief Description of the Event	A two-person crew was removing a bucket containing propylene glycol from a box of a pick up truck. The propylene glycol was to be used as a lubricant for a portable coring rig. The tailgate was slippery and the bucket slid off the tailgate. The lid popped open and not more than 2-3 gallons of propylene glycol spilled onto the surface to be cored.		
Description of the Loss/Harm	No body parts involved		Body Part
Equipment Involved (if applicable) Include Equipment # in box next to drop down			
Injury Classification (if applicable)	Non Injury	View Injury Classification (Click Here)	
Probable Immediate Causes	Other act not classified		
	Slippery tailgate		
Probable Basic Causes	Loose lid on propylene glycol transport pail, slippery tailgate leading to pail temporarily tipping over.		
	Storing propylene glycol in a bucket with improper fitting lid.		
Immediate Corrective Actions Taken	The spill was covered with clean snow and additional snow was left to soak up/absorb the spill.		
	Change	The snow was readily available in several buckets. The glycol-contaminated snow was later scraped off the surface and collected in buckets. A shop vacume was utilized so suck up glycol and containamented snow material . Contaminated material was disposed of at/by waste management (at Roberts Bay) on dayshift (see note below).	
	Change	On dayshift (April 5th) the small spill area was revisited and area where snow cleaning resulted was further cleaned/scraped down with the excavator. This removed forzen core material was taken to Waste Management for propper disposal.	
Preventative Actions Taken	Trying to use jerry cans to transport propylene glycol instead of buckets, if pails are used ensure lids adaquately seal.		
	Note that spill pads are always utilized around area where core drilling is being completed.		


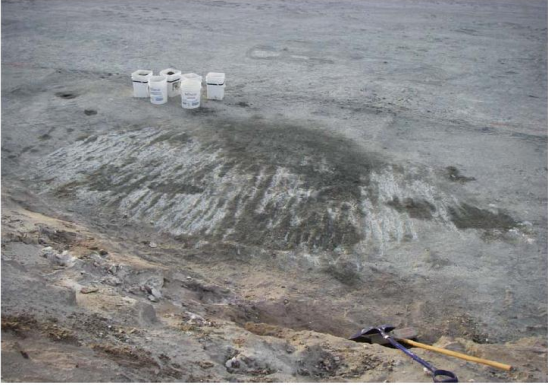
Formal Accident Reports(AIR) are required when the risk score is medium or above, medical cases and above, or property damage greater than \$1000. excluding damaged mirrors or windshields)

Reminder: A C-1 report must be completed for all injuries

Formal Accident Report Required? No

Note: This report is based on preliminary information only

Est. Repair/Process Loss Cost \$ _

Insert photos in the table to illustrate the accident or incident whenever possible: Use moderate quality		
	 <p>Photo 5: The surface of the frozen material in the area of the glycol spill was scraped up with the teeth of the excavator. The material was placed in buckets to be taken to the Waste management Facility for proper disposal.</p>	
in key trench/ frozen core excavation, view of glycol area after snow cleaning.		

INJURY

UNTREATED

No Medical or First Aid treatment needed or necessary. When a prescription medication is used as a precautionary or optional measure, but is not absolutely necessary.

FIRST AID

1. Eye injuries or foreign bodies including eyelids.
 2. All puncture wounds or lacerations through full skin thickness into underlying tissues.
 3. Any abrasion requiring follow up or referral.
 4. Any Insect or animal bite requiring referral or follow up.
 5. Any confirmed snake bite.
 6. Superficial Partial Thickness Burns (1st degree) > 18% TBSA, or involving face, hands, feet or genitals. (excluding sunburn).
 7. Soft tissue injury requiring immobilization/strapping of injured area for > 24hrs.
 8. Any Electrical Injury requiring follow up or referral.
- Note: All Deep Partial Thickness (2nd degree) or Full thickness (third degree) burns will likely require medical follow-up and therefore be considered medical (or more serious) injuries.

MEDICAL TREATMENT INJURY/ILLNESS

Any injury that requires treatment by a licensed medical professional that does not result in lost time or restricted duty but is beyond first aid.

When it is necessary to use a prescription medication for treatment then it is to be classified as a medical injury.

This will include surgery, treatment of infections, applications of antiseptics during follow-up visits, treatment of second and third degree burns applications of sutures, removal of foreign bodies from wounds, application of hot or cold therapy for follow-up visits, positive x-rays diagnosing fractures, trauma, loss of consciousness, etc.

RESTRICTED DUTY INJURY/ILLNESS

An injury that prevents a worker from performing one or more of their routine job functions, or from performing their work for the full workday that he or she would otherwise have be scheduled to work. Routine functions are those work activities that the employee regularly performs at least once per week.

LOST TIME INJURY/ILLNESS

All work-related injuries and illnesses where the employee cannot work the next regular scheduled shift.

FATALITY

Death of an individual as a result of a work-related accident or illness

Illness

Any abnormal condition or disorder, other than one resulting from an occupational injury, caused by exposure to environmental factors associated with employment. It includes acute and

chronic illnesses or diseases that may be caused by inhalation, absorption, ingestion or direct contact.

Non Occupational

Injury/Illness that can not be traced to a work related exposure