

## KENNECOTT CANADA EXPLORATION INC.

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March 10, 2005

NUNAVUT WATER BOARD  
P.O. Box 119  
Gjoa Haven, Nunavut  
X0B 1J0

Attention: Licensing Administrator

**Re: Water License NWB2ARN0507 – Type “B”: Addendums to Approved Spill Contingency Plan and Abandonment and Restoration Plan, Arnak Project, Nunavut**

Please find attached addendums to supporting documents submitted as part of Kennecott Canada's original application for the above noted water license. We trust that these addendums will satisfy the requirements of Parts G (items 1 and 2) and H (items 1 and 2) of the Water Licence.

If you have any questions or require further information, please do not hesitate to call.

Yours truly,  
KENNECOTT CANADA EXPLORATION INC.

Susan Ball  
Project Geologist: Land, Community and Business

cc. Troy Gill

Attachments:

- Addendum to *“Kennecott Canada Exploration Inc. Arnak Project Contingency Plan for Material Spills in Exploration Camps and Remote Sites and Drilling Operations”*
- Addendum to *“Reclamation Plan for Arnak Project, Nunavut”*

**Addendum to "Kennecott Canada Exploration Inc. Arnak Project Contingency Plan for Material Spills in Exploration Camps and Remote Sites and Drilling Operations"**

**1.0 Additional Requirements for Water Licence NWB2ARN0507**

**1.1 Additional Reporting Requirements**

As required by Part G. 1. i. of the above referenced licence, spills will be reported to Environment Canada personnel in Iqaluit:

Environment Canada Enforcement and Emergencies Officer:

Phone: (867) 975-4644

24 hr pager: (867) 920-5131

**1.2 Location of Fuel Storage Areas**

As required by Part G. 1. ii. of the above referenced licence, fuel associated with the Arnak project will be stored in a natural depression, at least 30 m from any high water mark, near the planned camp location, at:

Latitude 67°42'27", Longitude 91°36'58"

**2.0 Summary of Corrections to Original Contingency Plan**

In response to recent personnel changes and minor project detail changes, some corrections to the original Contingency Plan have been made. The changes are summarized in the table below, and an updated Spill Contingency Plan is attached.

Section	Original Text (Nov. 2004 version)	Replaced With (Mar. 2005 version)	
1.4 Petroleum Product Transport and Storage (4 <sup>th</sup> paragraph)	All fuel is stored a minimum of 30 metres from any high water mark, and transfer of fuel from supply vehicles to tanks and from tanks to vehicular equipment is performed with the aid of fuel pumps.	All fuel is stored a minimum of 30 metres from any high water mark, in a natural depression, near the planned camp location at Latitude 67°42'27", Longitude 91°36'58". Transfer of fuel from drums to portable containers and equipment (vehicle and other) is performed with the aid of fuel pumps.	
3.0 Response Organization (Table)	On-scene Co-ordinator: Biplob Chatterjee, Senior Geologist, Kennecott Canada Exploration Inc.	On-scene Co-ordinator	Troy Gill, Project Geologist, Kennecott Canada Exploration Inc.
3.0 Response Organization (Table)	(none – addition to table)	Environmental Advisors	Candice Wingerter, Geologist, Environmental Coordinator Work: 604-696-3405 Home: 604-408-4822 Cell: 778-999-4822 candice.wingerter@kennecott.com Lawrence Watkins, Specialist, HSE Systems Work: 604-696-3404 Cell: 604-760-3618 lawrence.watkins@kennecott.com

Section	Original Text (Nov. 2004 version)	Replaced With (Mar. 2005 version)	
3.0 Response Organization	The responsibilities of the On-Scene Co-ordinator include the following:... Report the spill to the Project Manager or an Environmental Advisor,...	The responsibilities of the On-Scene Co-ordinator include the following:... Report the spill to the Exploration Manager or an Environmental Advisor,...	
3.0 Response Organization	The responsibilities of the On-Scene Co-ordinator include the following:... Report to the Project Manager and provide recommendations	The responsibilities of the On-Scene Co-ordinator include the following:... Report to the Exploration Manager and provide recommendations	
3.0 Response Organization	The Responsibilities of the Project Manager include the following:	The Responsibilities of the Exploration Manager include the following:	
3.0 Response Organization	The responsibilities of the Environmental Advisors include the following:... As required, assist the Project Manager...	The responsibilities of the Environmental Advisors include the following:... As required, assist the Exploration Manager...	
5.0 Reporting Procedure	Biplob Chatterjee Project Geologist Kennecott Canada Exploration Inc. Phone: 604-669-1880 Fax: 604-669-5255	Troy Gill Project Geologist Kennecott Canada Exploration Inc. Phone: 604-696-3400 Fax: 604-696-3401	
5.0 Reporting Procedure	(none – addition to table)	Environment Canada Enforcement and Emergencies Officer	(867) 975-4644 (867) 920-5131 (24 hr pager)
6.2 Spills on Water	3) A skimmer may be deployed once a boom has been secured to capture the spilled product, and then pump it through hoses to empty fuel drums.	(none – paragraph deleted)	
6.2, 6.3, 8.0 (D)	(all references to "Canadian Northern Oil Distributors Ltd." and/or "Mobil Environmental Response Unit")	Diavik Diamond Mines Inc. Spill Response Unit (Note: Unit is located at Diavik Mine, NOT Yellowknife)	
8.0 Resource Inventory (A)	During helicopter refuelling operations, at least three people are at site.	(none – sentence deleted)	
8.0 Resource Inventory (E, Table)	Canadian Northern Oil Distributors, Ltd. Mobil equipment Response Unit Yellowknife	Matthew Wasserman (867) 873-3337 [Not available after hours]	Diavik Diamond Mines Inc. Spill Response Unit (867)766-5902 (24 hr) or (867)766-5902 (867)766-5902 (7 – 7)

## **Addendum to "Reclamation Plan for Arnak Project, Nunavut"**

### **1.0 Additional Requirements for Water Licence NWB2ARN0507**

As required by Part H. 1. of the above referenced licence, any hydrocarbon impacted soils discovered on site will be handled in the following manner.

#### **Remediation of Hydrocarbon-Impacted Soils**

As part of the Arnak project final abandonment and restoration plan, soil in the camp area will be inspected for evidence of contamination. Special attention will be paid to areas of potential environmental concern, including the generator site, helicopter maintenance area, fuel storage areas, etc.

Soil with minor surface staining will be left in place, as excavation or scarring could result in greater environmental damage than the spill itself.

If larger hydrocarbon-impacted areas are discovered, an estimate of the amount spilled will be made and outside advice sought for clean-up options. The reclamation team will contact one of the following Kennecott personnel for guidance:

<b>Kennecott Environmental Personnel</b>	<b>Contact Information</b>
Candice Wingerter, Geologist, Environmental Coordinator	Work: 604-696-3405 Home: 604-408-4822 Cell: 778-999-4822 candice.wingerter@kenneccott.com
Lawrence Watkins, Specialist HSE Systems	Work: 604-696-3404 Cell: 604-760-3618 lawrence.Watkins@kenneccott.com

The Kennecott Environmental Personnel will contact the appropriate government agencies as per the Spill Response Plan and decide on a remediation plan.

Depending on the estimated spill size, distance to water, and receiving environment conditions, the soil may be left undisturbed or excavated and sent to an approved disposal facility. If required, samples of the excavation limits will be collected to ensure all the impacted soil was removed.