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Nunavut Water Board

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July 30, 2003

Nunavut Water Board PO Box 119 Gjoa Haven, NU X0B 1J0

Attention: Mr. Philippe di Pizzo

**Executive Director** 

Re: Amendment 1 to NWB2MEA0204

Dear Mr. di Pizzo:

Please find enclosed an addendum to Cumberland Resources Ltd.'s "Fuel Transportation and Storage Management Plan, January 2003", as requested in your July 14, 2003 letter granting approval of an amendment to NWB2MEA0204.

Please let me know if any further information is required on this matter.

Sincerely,

CUMBERLAND RESOURCES LTD.

Roger March, P. Geo. Senior Project Geologist

Kon March

# FUEL TRANSPORT AND STORAGE MANAGEMENT PLAN

## MEADOWBANK GOLD PROJECT NUNAVUT TERRITORY

An addendum to the plan submitted in January 2003

Cumberland Resources Ltd. 950 – 505 Burrard Street Vancouver, B.C. V7X 1M4

July, 2003

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### I. INTRODUCTION

The original Fuel Transport and Storage Management Plan was developed by Cumberland Resources in 1999, prior to the installation of bulk fuel storage vaults at the Meadowbank site. Subsequently, the plan was updated in January 2003 to account for the installation of additional bulk fuel storage tanks at the site. This addendum has been produced to revise the plan to reflect additions requested by the Nunavut Water Board in their approval of Amendment 1 of NWB2MEA0204, received July 14, 2003.

Since this is an addendum document only the sections that have changed from the original document are presented here.

#### FACILITY DESCRIPTION

Nine skid-mounted double-walled cylindrical fuel vaults are installed at the Meadowbank site located about 70 km north of Baker Lake, Nunavut. Five 50,000l tanks and four 75,000l tanks are currently in use at the site. The 50,000 litre tanks have the following dimensions: Length - 7.34 m (secondary tank), 6.48 m (primary tank), Diameter - 3.20 m (outside secondary), Maximum fill capacity - 48,224 I, Skid assembly - 8.48 m X 2.44 m. The 75,000 litre tanks have the following dimensions: Length - 11.71 m (secondary tank), 10.59 m (primary tank); Diameter - 2.90 m (outside secondary); Maximum fill capacity - 71,250 l; Skid assembly - 13.04 m X 2.90 m. Both sizes of tanks are mounted on steel skids, which are supported by timbers resting on a bed of gravel and sand.

Two of the fuel vaults are installed at the south camp located on an island in Third Portage Lake. These tanks have been installed and in operation since 1999. The remaining three 50,000 litre tanks and the four 75,000 litre tanks are installed at the north camp in close proximity to the proposed mill site for the development of Meadowbank. The three 50,000 litre tanks were installed at the site in 2002, while the four 75,000 litre tanks were installed in the spring of 2003.

A secondary containment structure will be built around the tank farm in the north camp prior to the filling of the tanks in the spring of 2004. This containment structure will surround all of the 75,000 litre tanks and consist of till pushed up to form a berm around the tanks. Once the material re-freezes (permafrost ground), the frozen berm should provide containment should any spillage occur due to tank overfills, ruptures, etc.

### II. SPILL RESPONSE ACTION PLAN

#### SPILL RESPONSE SEQUENCE

#### REPORT ALL SPILLS TO: 1.

Phone: (604) 608-2557 Project Manager or Senior Project Geologist Phone: (604) 608-2557 Camp manager Phone: (604) 608-2557 Note: Telephone numbers for the camp change year to year, but current numbers can be obtained through the Vancouver office number listed above.

The reporting requirement applies to all spills: on land, on water and on ice.

The reporting requirement applies equally to all substances covered by this contingency plan; fuels, hydraulic oil, lubricants, and waste oil.

All reports by telephone must be followed with a fax of the completed report form (see Appendix D for copies) to the number indicated on the reporting form.

Reporting and notification described below must be made by the first observer of the spill or the observer's supervisor immediately upon the spill being under control, or on failure to gain control of the situation.

#### 2. ALERT Cumberland Personnel:

SPILL OBSERVER

IMMEDIATE SUPERVISOR or Meadowbank Camp manager

- Meadowbank Project Manager
- Contractors (clean up)

### 3. NOTIFY AGENCIES:

24 HOUR NWT SPILL REPORT LINE	PHONE	(867) 920 8130
	FAX	(867) 873 6924
KIVALLIQ INUIT ASSOCIATION		(867) 645 2810
DIAND - Rankin Inlet		(867) 645 2831
Iqaluit		(867) 979 4405
Environment Canada – Yellowknife		(867) 920 6060
Fisheries and Oceans Canada		(867) 645 2871
GNWT DRWED - Rankin Inlet		(867) 645 5067

### 4. RECORD THE FACTS Use Spill Report Form from Appendix D

NOTE:	If the On-Scene Coordinator is not available when a spill is detected then
300 (200 ) 10 (300 ) 10 (10 (10 (10 (10 (10 (10 (10 (10 (10	the spill must be reported directly to NWT 24-hour spill report line without
	delay.

### IV. SPILL RESPONSE CONTACTS

Cumberland Resources Ltd., Meadowbank Project

TITLE	NAME	OFFICE	FAX
Corporate Office Vancouver			
President	Kerry Curtis	(604) 608-2557	(604) 608-2559
On-Scene Coordinators			
Camp Manager	Jeff Kellner	(604) 608-2557	(604) 608-2559
Project Manager	Gord Davidson	(604) 608-2557	(604) 608-2559
Senior Project Geologist	Roger March	(604) 608-2557	(604) 608-2559
Government Agencies			
Water Resource Officer -DIAND	Constantine Bodykevich	(867) 975-4298	
Hazardous Materials Specialist – Environment Canada	Magnus Bourke	(867) 669-4729	
Hazardous Materials Officer – Environment Canada	David Tilden	(867) 669-4728	
Contractors			
Fuel Transportation Manager	Peter Tapatai	(867) 793-2703	(867) 793-2988

### V. LOCAL TRANSPORTATION

Air Lines - Scheduled

Calm Air (867) 793-2873 Skyward Aviation (867) 793-2703

Helicopters

Custom Helicopters (Rankin Inlet)

Staff House (867) 645-3885 Hanger (867) 645-3939

Overland Transportation - Delta Foremost

Peter's Expediting (867) 793-2703

# VI. EQUIPMENT SUPPLIERS

Frontier Mining - Yellowknife (867) 920-7617 spill kits & various absorbents

Acklands - Yellowknife (867) 873-4100 spill kits & various absorbents