

Richard Dwyer

From: Joe Murdock [dirts@nunavutwaterboard.org]
Sent: Wednesday, March 07, 2007 9:13 AM
To: Carl McLean; GordanierT@DFO-MPO.GC.CA; Jim Rogers; Mike Atkinson; Spagnuolo, Colette [lqa]; Spencer Dewar; Joe Murdock
Cc: rjohnsto@nrcan.gc.ca; Carolyn_Dunn@hc-sc.gc.ca; jeannie_ehaloak@ntilands.com; morrejp@tc.gc.ca; lmanzo@kivalliqinuit.ca; Craig Goodings; exec; Kevin Buck; licensing@nunavutwaterboard.org; Richard Dwyer; Roger March; Stephen Bathory
Subject: 070307 2AM-MEA Annex 'A' Comment Period

Due to the interest expressed by Interested Persons, through the comments filed on the Draft Preliminary Guidelines for Applicant for the Meadowbank Gold Project, the NWB would like to give an opportunity to comment on the contents of **Annex A** (Table of Contents filed by Cumberland Resources). If Interested Persons would like to file comments they should do so before **17:00 MT March 12th**. The Table of Contents is found below.

Thanks,

Joe

Meadowbank Draft TOC for the NWB Licence Application

Executive Summary

English
 Inuktitut

1.0 Introduction

2.0 Project Description

2.1 Summary of Key Baseline Studies

2.2 Regional and Local Setting

2.2.1 Surface Water Regime

2.2.1.1 Receiving lakes (lake id, hydrology, water quality);
 bathymetry, overland runoff

2.2.2 Groundwater Regime

2.2.2.1 (Hydraulic conductivity, groundwater quality)

2.2.3 Ground Conditions for Engineering Designs

2.2.3.1 (Dewatering dikes, tailings, faults)

2.2.4 Mine Rock Geochemistry

2.2.4.1 Waste rock

2.2.4.2 tailings;

2.2.4.3 overburden)

2.3 Mine Plan Overview

3.0 Water Licence Activities

3.1 Water Withdrawal Activities

3.1.1 Camp use

3.1.2 Mill use

3.2 Water Diversion Activities

- 3.2.1 East dike
- 3.2.2 Central dike
- 3.2.3 Goose dike
- 3.2.4 Portage dike
- 3.2.5 Walley dike
- 3.2.6 Other small dikes
- 3.2.7 Ditches and sumps
- 3.2.8 Lake dewatering -Vault, Second and Third Portage Lake
- 3.2.9 Vault Road culvert
- 3.2.10 Discharge into Walley Lake
- 3.2.11 Discharge into Third Portage
- 3.2.12 Dike Breach

3.3 Waste

- 3.3.1 Mine Rock Waste Piles- Portage and Vault
- 3.3.2 Tailings Impoundment Facility
- 3.3.3 Landfills

3.4 Other Licence Related Activities

- 3.4.1 Baker Lake Fuel Tank Farm
- 3.4.2 Baker Lake ditches and sumps

4.0 Management Plans

- 4.1 Waste Rock Management
- 4.2 Tailings Management
- 4.3 Water Management (incl. water balance)
 - 4.3.1 Water treatment (incl sewage)
- 4.4 Baker and Plant Site Facilities
 - 4.4.1 Fuel storage
 - 4.4.2 Landfill
- 4.5 Landfill management
- 4.6 Emergency response and spill contingency

5.0 Proposed Water Quality Discharge Limits

6.0 Environmental Monitoring Plans

- 6.1 Rock Storage Facility
- 6.2 Tailings Monitoring
- 6.3 Mine Site Water Quality
- 6.4 Receiving Water Quality
- 6.5 Waste areas (Landfill, hazardous waste, etc)
- 6.6 Baker Lake Marshalling Area

Joe Murdock
Director of Technical Services
Nunavut Water Board

Canadian Geotechnical Society Cold Regions Geotechnology Division

----- Original Message -----

From: [Joe Murdock](#)

To: [Spencer Dewar](#) ; [Spagnuolo, Colette \[lqa\]](#) ; [Mike Atkinson](#) ; [Jim Rogers](#) ; [GordnierT@DFO-MPO.GC.CA](#) ; [Carl McLean](#)

Cc: [Stephen Bathory](#) ; [Roger March](#) ; [Richard Dwyer](#) ; [licensing@nunavutwaterboard.org](#) ; [Kevin Buck](#) ; [Karlette Tunaley](#) ; [exec](#) ; [Craig Goodings](#) ; [Imanzo@kivalliqinuit.ca](#) ; [morrejp@tc.gc.ca](#) ; [jeannie_ehaloak@ntilands.com](#) ; [Carolyn_Dunn@hc-sc.gc.ca](#) ; [rjohnsto@nrcan.gc.ca](#)

Sent: Sunday, February 11, 2007 3:34 PM

Subject: Draft Preliminary Guidelines for the Meadowbank Gold Project

Please find enclosed a draft version of *Nunavut Water Board Preliminary Guidelines for Applicant* for the Meadowbank Gold Project to be issued to Cumberland Resources Ltd (CRL). The NWB will be meeting with CRL the week of February 19th to discuss water licence application information requirements. Following this meeting the NWB will develop *Annex A* in the document and issue final preliminary guidelines to CRL. Before issuing final preliminary guidelines the NWB has set a call for Intervener comments on the draft preliminary guidelines. If Interveners are interested in filing comments for consideration they may do so prior to February 23rd, 2007.

If there are any questions whatsoever please feel free to contact me as need be.

Regards,

Joe

Joe Murdock
Director of Technical Services
Nunavut Water Board

3/7/2007