



Water Resources Division
Nunavut Regional Office
Iqaluit, NU
X0A 0H0

NWB File: 1BR-PEE----
CIDMS #: 455540

Apr 12, 2011

Re: 1BR-PEE---- – Cape Peel Project – Site Specific Health and Safety Plan – E Gruben Ltd - Contaminated Sites - Indian and Northern Affairs Canada.

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of the Site Specific Health and Safety Plan for the Cape Peel Project prepared by E Gruben Ltd. on behalf of Contaminated Sites branch of INAC for water license 1BR-PEE----. The Nunavut Water Board (NWB) circulated the Site Specific Health and Safety Plan for comments on March 12, 2011. All documents related to the application posted on the NWB ftp site under 1BR-PEE--- were included in my review (See attached Technical Review Memo).

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4282 or by email at Ian.Parsons@inac.gc.ca.

Sincerely,

Original signed by

Ian Parsons
Regional Coordinator

Cc. Jim Rogers, Manager of Water Resources – Indian and Northern Affairs
Canada, Nunavut Regional Office



Technical Review Memorandum

To: Phyllis Beaulieu – Manager of Licensing, Nunavut Water Board

From: Ian Parsons – Regional Coordinator, Indian & Northern Affairs Canada.

Re: 1BR-PEE---- – Cape Peel Project – Site Specific Health and Safety Plan – E Gruben Ltd. - Contaminated Sites - Indian and Northern Affairs Canada.

Background

Cape Peel is a former Distant Early Warning (DEW) Line Site that was been selected for clean-up by the Federal Contaminated Sites Action Plan (FCSAP). It is situated in the Kitikmeot Region of Nunavut on the South Coast of Victoria Island. The nearest community of Cambridge Bay is located 80 Kilometres to the East.

Recommendations/Comments

The Site Specific Health and Safety Plan for Cape Peel Lake Water License Application Number 1BR-PEE---- is quite well done.

However INAC has a few comments.

INAC notes that the plan only states to call the Nunavut Spill Hotline whenever a spill occurs. INAC, however, requires that its Manager of Field Operations be notified in the event of a spill (small or large). INAC notes that the correct contact information for INAC in the Spill Plan should be stated as follows: Peter Kusugak – INAC Manager of Field Operations, phone: 867-975-4295, fax 867 975-6445.

INAC recommends that the licensee submit the plans and/or as built plans and their associated drawings stamped by a geotechnical engineer for the lagoon and landfarm construction, to the NWB, as soon as they are available.

INAC requires that before the licensee discharges any effluent and/or waste water to the environment that an INAC waters Inspector be notified regardless of the quality of the water to be discharged.



INAC recommends that if more water is to be used, then the license permits, for additional clean-up operations (i.e., fuel drum/tank clean-up) that the licensee notify the NWB, as an amendment to the water license may be required.

INAC also recommends that the licensee submit a detailed monitoring plan. This plan would include sampling source, wastewater as well as below any active landfill/landfarming area to ensure that contaminants are not leaching into the surrounding environment. This plan would also include, but would not be limited to, sampling stations (how many) and their locations, sampling frequency as well as what parameters are to be sampled.

INAC also requires an Abandonment and Restoration Plan be submitted to the NWB.

INAC recommends that the applicant provide, to the NWB, the above referenced outstanding information pertaining to the application.

Cc. Jim Rogers, Manager of Water Resources – Indian and Northern Affairs
Canada, Nunavut Regional Office
Peter Kusugak, District Manager – Indian and Northern Affairs Canada,
Nunavut Regional Office