



Environment Environnement
Canada Canada

Environmental Protection Branch
Qimugjuk Building 969 P.O. Box 1870
Iqaluit, NU X0A 0H0
Tel: (867) 975-4639
Fax: (867) 975-4645

July 29, 2004

Our file: 4705 037 POLA

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Tel: (867) 360-6338
Fax: (867) 360-6369

Via Email at licensing@nwb.nunavut.ca

**RE: NWB1POL – Polaris Decommissioning and Reclamation Plan – Submission on
Landfill Cover Cap Design for Little Red Dog Quarry**

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Based on the information provided, EC has no major concerns with the Little Red Dog Quarry landfill cover cap design as proposed. Environment Canada also requests clarification regarding where the course blasted limestone will be quarried from, and the volumes anticipated for use. Environment Canada recommends that the proponent install thermistors in the cover cap layer so that the performance of the material can be monitored over the long term. The proponent should be prepared to implement a contingency plan in the event that the cover material does not perform as suspected, such as the application of additional material to increase the thickness of the cover.

If there are any changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at colette.meloche@ec.gc.ca.

Yours truly,

Original signed by

Colette Meloche
Environmental Assessment / Contaminated Sites Specialist

cc: (Stephen Harbicht, Head, Assessment and Monitoring, Environment Canada, Yellowknife)