



**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

May 30, 2005

Our file: 4105 006 123

Phyllis Beaulieu  
Manager of Licensing  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0  
Tel: (867) 360-6368  
Fax: (867) 360-6369

Via Email at [licensing@nwb.nunavut.ca](mailto:licensing@nwb.nunavut.ca)

**RE: NWB5HAL – Defence Construction Canada – FOX-M DEW Line Site, Hall Beach - Monitoring Plan**

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*.

Defence Construction Canada, on behalf of the Department of National Defence, has submitted a monitoring plan as required by their current water license.

Section 3.1 of the Monitoring Plan discusses the monitoring of the East Beach Landfill. No information is given regarding proposed monitoring of water quality from the leachate collection system. Environment Canada recommends that the proponent ensure that any water collected in the leachate collection system is tested for the same suite of parameters as groundwater and if required, treated prior to disposal.

The Monitoring Plan does not address monitoring requirements at the landfarm facility, as indicated on drawing number H-H11/1-9101-113. Environment Canada recommends that the landfarm be added to the Monitoring Plan. Monitoring for hydrocarbons should be undertaken to ensure that groundwater quality is being protected. The berms surrounding the facility should also be monitored for stability.

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.spagnuolo@ec.gc.ca](mailto:colette.spagnuolo@ec.gc.ca).

Yours truly,

***Original signed by***

Colette Spagnuolo  
Environmental Assessment / Contaminated Sites Specialist

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