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Department of Environment

Ministère de l'Environnement

File No. NWB 1BR-IAD

July 14, 2006

Manager of Licensing
Nunavut Water Board
P.O. Box 119, Gjoa Haven, Nunavut X0B 1J0

Sent Via E-mail:
licensing@nwb.nunavut.ca

RE: Iqaluit Airport Drainage Project

DOE thanks Nunavut Water Board for the opportunity to provide comments on the Iqaluit Airport project. As this project is one of several improvements being made by the airport it is difficult to review this application without reference to the other applications. For this reason, DOE recommends that all of the water license applications submitted by the Iqaluit Airport be combined into one application and thus one permit is issued for: 1BR-IAD, 1BR-LTU & 1BR-UTI.

Waste Characterization:

1.3- The initial scope of the work required the drilling of "*10 shallow boreholes (maximum 0.6m in depth) with a Pjonjar Drill along the length of the ditch.*" However "*due to frozen ground conditions the sampling points were reduced.*"

DOE notes that although the Petroleum Hydrocarbon Analysis of the three soil samples where below CCME standards, the results indicated that levels are slightly higher at the upper end of the ditch (TP-A). In order to ensure that the soil samples are representative of the entire ditch, DOE requests that samples are taken up stream of TP-A at the upper limit of the project area. The additional sample should be a composite sample taken at different depths of the material being removed. Upon consultation with EBA project manager, DOE recognizes that the amount of water in the ditch presently prohibits further testing, therefore it would be possible to conduct further soil analysis at the time of soil removal.

Disposal of Contaminated Soils:

DOE had some questions regarding the quantity and location of soil disposal. These questions were addressed by the proponent;

- The volume of material to be removed from the ditch would be some 6,400 m³. (emailed response July 13, 2006 from F.Salgado)

- Contaminated soils to be disposed of at Airport land farm, and non contaminated soils to be disposed of at former USAF tankfarm location. The location of both sites is just south of Apron1 between the runway and Apron 1. DOE is satisfied with this disposal location.

Once again DOE appreciates the opportunity to comment on this project application.

Sincerely,

Michael Mifflin
Coordinator Land Use Planning