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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

February 17th, 2006

File: NWBIIAD
Email: fsalgado@gov.nu.ca

Felipe Salgado
Surface Maintenance Engineer
Government of Nunavut

Subject: Response to submitted EBA Report “Drainage Ditch Rehabilitation, Iqaluit Airport, Nunavut”

Dear Mr. Salgado:

The Nunavut Water Board (NWB) would like to acknowledge receipt of the above titled EBA document to compliment your already submitted licence application materials. The Board has had the opportunity to review this document and have listed questions and concerns below to be clarified by GN.

- i. As per our teleconference and the following email on January 11th, 2006 the NWB addressed the need to understand the nature of the sediments to be removed from the drainage channel. The EBA report provides argument but still does not give assurance to the Board that the nature of the sediments is understood. The Proponent is advised to examine the sediments to be removed for contaminants to insure that CCME standards are not exceeded and present these findings to the Board. The EBA report suggests that this program can be conducted. As per teleconferences on January 11th, 2006 and February 14th, 2006 it has been stated by the NWB that the waste must be understood before degree of (or lack of) containment can be prescribed. The NWB encourages the Proponent to consult the February 14th, 2006 email received from the Board when developing the contaminant-testing program.
- ii. The EBA report states that *the airport has a landfarm which may be used to naturally treat contaminated material*. The NWB requests the Proponent to identify what licensed landfarm they intend to deposit materials within. If the landfarm is not owned and operated by the GN the Proponent is to outline the agreements in place to deposit contaminated waste in this facility. The Board also requests an approximate volume of total sediment to be removed from the drainage course.
- iii. The EBA report details that a comprehensive **Construction Drainage Plan** is to still be completed. As stated throughout discussions the Board requires an understanding of the project operations, practices, and procedures and their relation to the impact of freshwater. I would like to point the Proponent to **Section 48 Item 2** of the **Nunavut Waters and Surface Rights Tribunal Act** that requires Proponents to provide the Board with studies concerning the deposit of waste through quantitative and qualitative evidence. Thus it is essential to outline what provisions are in place to minimize impact to freshwater during project completion. The Board also requests details in how this **Construction Drainage Plan** will be enforced and monitored by the Resident Engineer as suggested by EBA. The requirements of **Section 48 Item 2** are also extended to the requirements of Bullet i. above.
- iv. EBA lists the removal of the abandoned utilidor from the bench under the proposed method of rehabilitation. Could the Proponent please verify what aspects of this particular project are bound

within this application (what bullets under the **Design and Construction Specifics of Ditch Rehabilitation** contained in this application)? This will avoid any ambiguity possibly created when sent out for public intervention. It is to my understanding that the utilidor removal and abatement is to be contained in the Transport Canada application. In future correspondence the Proponent is encouraged to clearly specify this if it is referenced within licence application documents.

Should you have any questions regarding the above, please feel free to contact me at (867) 360-6338.

Sincerely,

Original signed by:

Joe Murdock
Technical Advisor