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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

File: 1BR-QIK0207 (formerly NWB5QIK0207)

Feb 16, 2007

Philip Warren, DLCU Environmental Officer
Defence Construction Canada
350 Albert Street
Ottawa, ON K1A 0K3
Email: Philip.Warren@dcc-cdc.gc.ca

Re: Monitoring Plan and QA/QC Plan for FOX-5 (QIKIQTARJUAQ) DEW Line Site

Dear Mr. Warren:

The Nunavut Water Board (NWB) has reviewed DCC submitted documents pertaining to the Monitoring Program, QA/QC Plan, Abandonment and Restoration (A&R) Plan for the FOX-5 Dew Line Site. The NWB requests a response to each of the following:

- a. The Monitoring Program (prepared by UMA Engineering Ltd., dated April 2005) does not report the GPS locations of all groundwater, soil, or thermal monitoring points. The monitoring program document states that this information is TBD. The engineered drawings depict pre-construction groundwater, surface water, and thermal monitoring locations. Pursuant to Part J, Item 1.i. of the licence "GPS coordinates of all surface and subsurface sampling points" are to be submitted to the Board. The applicant is requested to provide the locations for monitoring.
- b. Pursuant to Part J, Item 7 of the licence (issued as an amendment on July 30, 2003) details pertaining to the following items have not been received by the NWB and are requested:
 - Part J, Item 7.i. – "Monitoring of the biodegradation process at the Landfarm Facility"
 - Part J, Item 7.ii. – "Monitoring of any discharge of effluent from the perimeter collection trench associated with the Landfarm Facility"
- c. Pursuant to Part J, Item 3 of the licence, the QA/QC Plan is to be "approved by an Analyst which addresses both field and laboratory requirements". Has this licence requirement been fulfilled? If so, documentation substantiating Analyst approval is to be submitted to the NWB. If not, this requirement of the licence is outstanding and the NWB requests an update on when Analyst approval will be obtained.
- d. An A&R Plan was submitted to the NWB (prepared by UMA; dated Jan 26, 2006). Environment Canada issued an intervener comments on the A&R Plan (dated March 14, 2006). The applicant is requested to address each of the Environment Canada's intervener comments.

If you require assistance whatsoever please feel free to contact the undersigned at (867) 360-6338 or dirts@nunavutwaterboard.org

Sincerely,

Original signed by:

Joe Murdock
Director Technical Services

Enc: 060314NWB5QIK0207 AR Plan EC Comments-ILAE.pdf