



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada

16 Yellowknife Airport
Yellowknife, NT. X1A 3T2

File: MV2001L3-0012
NT Spill #: 10-099

April 14th, 2010

Regional Airport Manager
Yellowknife Airport
Department of Transportation
Government of the Northwest Territories
PO Box 1320
Yellowknife, NT X1A 2L9

Attention: Steve Loutitt

RE: Water Management of Drainage Ditches for NT Spill 10-099

Dear Mr. Loutitt,

It has been brought to my attention by the Department of Transportation (DOT) that the drainage ditch at the spill site is accumulating water due to the barriers put in place at the culverts. DOT is conducting a clean up and have removed a large quantity of contaminated water, snow and ice from the spill area and placed it in their Glycol Retention Facility (GRF).

As sample results are still waiting to be received by DOT and Indian and Northern Affairs Canada the run off accumulating needs to be managed to prevent an uncontrolled discharge into Long Lake. The following are the steps that DOT must follow;

- 1) Erect a barrier at the next culvert to the North to restrict flow from the spill site
- 2) Once barrier is in place the current barrier at the culvert that directs flow from the spill site North along the drainage ditch can be removed.

This will allow for a larger catchment basin and prevent an uncontrolled discharge into Long Lake while maintaining two barriers, to the North, that restrict flow into Long Lake. This will also help manage the water levels to ensure that sample results have been received and that the water is no longer contaminated before it enters the receiving environment. The Inspector is to be notified when this work is complete.

If you have any further question please do not hesitate to contact me.

Yours truly,

Michael Martin
Water Resource Officer
Indian and Northern Affairs Canada
CC: MVLWB (Via E-mail)
INAC SMD Manager (Via E-mail)
INAC Director of Operations (Via E-mail)
Environment Canada (Via E-mail)