



July 21, 2017

Your file - Votre référence
2AM-MEL1631

Our file - Notre référence
IQALUIT-# 1164760

Robin Ikkutisluk
Licence Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Sent via email: licensing@nwb-oen.ca

Dear Robin,

Re: Indigenous and Northern Affairs Canada's Review of Agnico Eagle Mines Limited's Submission of Final Design and Construction Drawings for Landfarm - Water Licence 2AM-MEL1631 Part D, Items 1 & 2 - Meliadine Gold Project

Thank you for the Nunavut Water Board's June 30, 2017 notice regarding the above mentioned.

The comments and recommendations are provided pursuant to Indigenous and Northern Affairs Canada's (INAC) mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

Please do not hesitate to contact me for further information at 867-975-4282 or by email at Ian.Parsons@aandc-aadnc.gc.ca.

Sincerely,

Ian Parsons
Regional Coordinator
Water Resources Division
Resource Management Directorate
Nunavut Regional Office
Indigenous and Northern Affairs Canada
IQALUIT, NU X0A 0H0

cc. Karen Costello, Director of Resource Management, INAC
Erik Allain, Manager, Field Operations, INAC



Technical Memorandum

1) **Source:** Design report for Landfarm

Comment: The documentation provided by the applicant does not indicate the capacity of the landfarm and/or what the contingency is for the storage of hydrocarbons if maximum capacity is reached, although the document does state that contaminated soils can be piled as high as 2 meters. Maximum capacity could be reached for a number of reasons including: number and larger than anticipated spills as well as longer treatment and remediation times.

Recommendation: INAC recommends that the Licensee confirm the maximum capacity of the landfarm and provide details on contingency plans for the storage of hydrocarbons should maximum capacity be reached.

2) **Source:** Design report for Landfarm

Comment: The documentation provided states in section 4.6 –Seepage Evaluation that “*Any potential leakage from the landfarm will naturally flow into CP1 since the landfarm is within the natural catchment boundary of CP1. If the leakage water is noticeable and collectable during landfarm operation, when required after water quality assessment, the leakage water can be collected and either pumped back to the landfarm sump or to the oil-separator directly for oil removal*”.

Recommendation: INAC recommends that the landfarm be monitored for potential leaks and seepages. Even if any leakage/seepage from the landfarm will naturally flow to CP1, best efforts should be made to contain and or stop the contamination from spreading.