

Environmental Protection Operations Directorate
Prairie & Northern Region
5019 52nd Street, 4th Floor
P.O. Box 2310
Yellowknife, NT X1A 2P7

ECCC File: 6100 000 008/021
NWB File: 2AM-WTP1830



September 28, 2021

via email at: licensing@nwb-oen.ca

Richard Dwyer
Manager Licencing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Dear Richard Dwyer,

RE: 2AM-WTP1830 Agnico Eagle Mines Ltd. Whale Tail Pit Landfarm Design Report and Management Plan

Environment and Climate Change Canada (ECCC) has reviewed the above-mentioned Landfarm Design Report and Management Plan submitted to the Nunavut Water Board (NWB) for Agnico Eagle Mines Ltd.'s (the Proponent) water licence 2AM-WTP1830.

ECCC's specialist advice is based on our mandate pursuant to the *Canadian Environmental Protection Act* and the pollution prevention provisions of the *Fisheries Act*.

The following comments are provided:

1. Landfarming Aviation Fuel

Reference:

- Whale Tail Pit Landfarm Design and Management Plan, Version 2 (August 2021)

Comment:

Per Section 3.1 (Acceptable Materials) of the Landfarm Management Plan, aviation fuel (Jet A) is one of the products that may be treated at the landfarm. It is ECCC's understanding that Jet A is a kerosene-based fuel; however, it is unclear whether additional constituents/additives could be present in the Jet A fuel. The landfarm management plan should provide additional detail in this respect.



Recommendation:

ECCC recommends that the following information be provided in the Landfarm Management Plan:

- Identify the constituents contained in aviation fuel (Jet A) and indicate whether these constituents are amenable to landfarming; and
- Clarify whether and how the proposed soil remediation criteria and effluent discharge criteria address all contaminants of potential concern that may be present in aviation fuel (Jet A).

If you need more information, please contact Victoria Shore at Victoria.Shore@canada.ca.

Sincerely,

[original signed by]

Victoria Shore
Senior Environmental Assessment Officer, Environmental Assessment North (NT and NU)
Environmental Protection Operations Directorate, Prairie Northern Region

Cc: Jody Small, Acting Head, Environmental Assessment North (NT and NU)
Environmental Protection Operations Directorate, Prairie Northern Region