



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

ECCC File: 6100 000 012/015
NWB File: 2AM-MEL1631

June 28, 2018

Via email at: licensing@nwb-oen.ca

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

Dear Mr. Dwyer:

RE: 2AM-MEL1631 – Agnico Eagle Mines Ltd. – Meliadine Gold Mine – Saline Water Treatment Plant Operation & Maintenance Manual

Environment and Climate Change Canada (ECCC) has reviewed the information submitted to the Nunavut Water Board (NWB) regarding the above-mentioned Saline Water Treatment Plant Operation & Maintenance Manual and is submitting comments via email. ECCC's specialist advice is provided based on our mandate, in the context of the *Canadian Environmental Protection Act* and the pollution prevention provisions of the *Fisheries Act*.

The following comment is provided:

1. Table 1 (Treatment Objectives) of the Saline Water Treatment Plant Operation & Maintenance Manual sets out the maximum allowable salt plant effluent concentrations, as derived from a geochemical model. The table should also indicate the expected concentrations for treated effluent parameters. In addition, ECCC notes temperature, pH and total suspended sediments (TSS) are missing.

ECCC recommends that Table 1 of the Saline Water Treatment Plant Operation & Maintenance Manual be revised to also provide the expected concentrations for treated effluent parameters. Temperature, pH and TSS should also be included in the table.

Should you require further information, please do not hesitate to contact me at (867) 669-4733 or Melissa.Pinto@canada.ca.

Sincerely,

[original signed by]

Melissa Pinto
Senior Environmental Assessment Coordinator

cc: Georgina Williston, Head, Environmental Assessment North (NT and NU)
ECCC Review Team
Alex Chernoloz, Environmental Compliance Counselor, Agnico Eagle Mines Ltd.