



Water Resources
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

INAC reference
CIDM# 1220729

NWB reference
#1BR-ELR1419

May 30, 2018

Via email to: licensing@nwb-oen.ca

Richard Dwyer
Manager of Licencing
Nunavut Water Board
Gjoa Haven, NU, X0E 1J0

**Re: #1BR-ELR1419 – Ennadai Lake Remediation Project – Contaminated Sites
Division, Indigenous and Northern Affairs Canada (INAC)– Kivalliq Region –
Amendment Application #1**

Dear Mr. Dwyer,

Thank you for your email on April 25, 2018, concerning the above mentioned amendment application.

A memorandum is provided for the Nunavut Water Board's (Board or NWB) consideration. Comments have been provided pursuant to the Department's 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 by telephone at 819 – 953 - 8988 or email at ian.parsons@canada.ca for further comments or any questions.

Sincerely,

Ian Parsons
Manager Water Resources
Indigenous and Northern Affairs Canada

P.O. Box 100
Iqaluit, NU, X0A 0H0

c.c.: Erik Allain, Director of lands, INAC
Christine Wilson, Water resources Inspector, INAC



Memorandum

TO	Richard Dwyer Manager of Licencing Nunavut Water Board	AANDC reference CIDM# NWB reference #1BR-ELR1419
FROM	Ian Parsons Manager of Water Resources Indigenous and Northern Affairs Canada	DATE May 30, 2018

Re: #1BR-ELR1419 – Ennadai Lake Remediation Project – Contaminated Sites Division, Indigenous and Northern Affairs Canada (INAC)– Kivalliq Region – Amendment Application #1

A. BACKGROUND INFORMATION

The Ennadai Lake Weather Station site is located approximately 380 km west of Arviat (the nearest community) and 500 km southwest of Rankin Inlet, Nunavut. The site was developed as a weather station in the 1950s. It was operated either as a manned or unmanned station, at different times since its inception and was abandoned completely in the late 1980s to early 1990s.

The Ennadai Lake Remediation Project covers approximately 58 hectares. It was an operational weather station from 1949 to 1979. It consists of thirteen intact buildings, five large above ground storage tanks (ASTs), pipelines (including one overhead), an unmaintained airstrip, trails, five drum caches, several upright and laying metal towers, a main debris area, and several small debris areas. The main building cluster and the airstrip are on Inuit-owned land (IOL), and the remainder of the site is on Crown land.

Contamination at site is a result of historical weather station activities. The contaminants identified at the site include debris, heavy metals, asbestos, lead and PCB amended paint and Petroleum Hydrocarbons.

No activities have taken place at the Ennadai Lake Weather Station since the early 1990s.

All reclamation/remediation activities were completed in 2016.



The Amendment application involves two items:

- 1) Term of licence – The term of licence being requested is for 23 years as the site has already undergone 2 years of monitoring.
- 2) Change of Licence designation from Remediation to Long-term monitoring.

Interested parties were requested to review the information and provide comments by May 26, 2018.

B. RESULTS OF REVIEW

The department has no concerns with: 1) the moving this licence from a remediation licence to a long-term monitoring licence and 2) extending the term of licence to 23 years expiring in year 2041.

Prepared by Ian Parsons