Crown-Indigenous Relations and Northern Affairs Canada
Relations Couronne-Autochtones et Affaires du Nord Canada

Water Resources Division
Resource Management Directorate
Nunavut Regional Office
918 Nunavut Drive
Iqaluit, NU, X0A 3H0

Your file - Votre référence
3BM-ARC2530
Our file - Notre référence
GCDocs#147639252

October 15, 2026

Richard Dwyer
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0
E-mail: licensing@nwb-oen.ca

Re: Crown-Indigenous Relations and Northern Affairs Canada's Review of the Licence Water Supply Facility O&M plan for the Municipality of Arctic Bay, Type B Water Licence No. 3BM-ARC2530

Dear Richard Dwyer,

Thank you for the 22 September 2026 invitation to review the Water Supply Facility O&M plan for Type B Water Licence No. 3BM-ARC2530.

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) examined the application pursuant to its mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Crown-Indigenous Relations and Northern Affairs Act*. Please find CIRNAC comments and recommendations in the attached Technical Memorandum.

The applicant shall provide confirmation from the Nunavut Water Board that all outstanding water license fees have been paid in full prior to approval of this application.

If there are any questions or concerns, please contact William Quere at william.quere@rcaanc-cirnac.gc.ca or (873) 452-1981 Or Andrew Keim at (867) 975-4550 or Andrew.keim@rcaanc-cirnac.gc.ca.

Sincerely,

Quere, William
Digitally signed by Quere, William
Date: 2026.10.15 13:42:27 -06'00'

William Quere, BSc
Regional Coordinator

Canada

Crown-Indigenous Relations and Northern Affairs Canada | Relations Couronne-Autochtones et Affaires du Nord Canada

Technical Review Memorandum

Date: 15 October 2026

To: Richard Dwyer – Manager of Licensing, Nunavut Water Board

From: William Quere – Regional Coordinator, CIRNAC

Subject: **Crown-Indigenous Relations and Northern Affairs Canada's Review of the Licence Water Supply Facility O&M plan for the Municipality of Arctic Bay, Type B Water Licence No. 3BM-ARC2530**

Region: ☐ Kitikmeot ☐ Kivalliq ☒ Qikiqtani

A. BACKGROUND

The Municipality of Arctic Bay first received their water licence in November of 2002 with an allocation of 45,000 m^3 per year. This licence was then replaced during renewals four times and amended twice. During the previous application, a twenty three year term was requested by the applicant but CIRNAC recommended no more than five years. This was in consideration of the time needed for construction of the new water treatment plant as well as to address operational non-compliances. A five year term was given.

In September of 2026, Arctic Bay submitted an updated Operation & Maintenance Plan for a new water supply facility under water licence 3BM-ARC2530. This water licence allots for 59,900 m^3 a year of water from Marcil Lake. This updated plan added drawings relevant to the new Water supply facility to the appendix and other minor changes to the main document. The document is expected to be fully completed with manuals, SOP's, and other relevant documents upon completion of the water supply facility. The facility is due to be completed in 2027.

CIRNAC provides the following comments and recommendations pertaining to the application package. A summary of the subjects of recommendations can be found in Table 1. Documents reviewed as part of this submission can be found in Table 2 of Section B. Detailed technical review comments can be found in Section C.

Table 1: Summary of Recommendations

Recommendation Number	Subject
R-01	Distance to Water
R-02	Erosion and Sedimentation Controls

B. DOCUMENTS REVIEWED AND REFERENCED

The following table (Table 2) provides a list of the documents reviewed under the submission and reference during the review.

Table 2: Documents Reviewed and Referenced

Document Title	Author, File No., Rev., Date
260922 3BM-ARC2530 OM Plan Water Supply Facility Arctic Bay E-mail Dist-OMLE	NWB, September 2026
260922 3BM-ARC2530 OM Plan Water Supply Facility Arctic Bay-IMLE	Dillon Consulting, September 2026
Water Licence 3BM-ARC2530	NWB, July 2025

C. RESULTS OF REVIEW

1. Distance to Water

Comment:

The O&M Plan for the Water Supply Facility contains drawing's with an approximate 30 m offset from the water. The standard, however, for buildings and activities is a distance of at least thirty-one (31) metres from the ordinary High Water Mark. While it is understood that work near and in water is required for this facility, the facility placement appears to be short of the standard. There is a concern that the minimum distance is not being adhered to in this construction.

Recommendation:

(R-01) CIRNAC recommends the applicant ensure an adequate offset of 31 m to the ordinary high water mark for any water body is being adhered to in all plans as required by licence.

2. Erosion and Sedimentation Controls

Comment:

Erosion and Sediment Controls are mentioned in the appendix but are only briefly mentioned in the main document body. These controls also don't appear to cover the full area of the proposed construction such as the in water construction area. The concern is that the planned Erosion and Sediment Controls may be inadequate for the given project.

Recommendation:

(R-02) CIRNAC recommends the full Erosion and Sediment Control plans be added to the main document. Further, the erosion and sediment controls are to be wholly inclusive of the proposed construction and life of the facility.