



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

Your file - Votre référence
2AM-DOH1335
Our file - Notre référence
GCDOCS#146776656

May 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 comments on the Doris Airstrip Extension-Surface Water Transfer Point Design Report for Type A Water Licence No. 2AM-DOH1335 in the Kitikmeot Region of Nunavut

Dear Mr. Dwyer,

Thank you for the April 24, 2026 invitation to review the Doris Airstrip Extension-Surface Water Transfer Point Design Report (Report) for Type A Water Licence No. 2AM-DOH1335.

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) reviewed the report 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*. **CIRNAC has 3 comments.** Please find CIRNAC comments and recommendations in the attached Technical Memorandum.

If there are any questions or concerns, please contact Michelle Blade at michelle.blade@rcaanc-cirnac.gc.ca or Andrew Keim at andrew.keim@rcaanc-cirnac.gc.ca.

Sincerely,

Michelle Blade
Regulatory and Science Advisor



Technical Review Memorandum

Date: May 15, 2026

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

From: Michelle Blade, Regulatory and Science Advisor

Subject: Crown-Indigenous Relations and Northern Affairs Canada's comments on the Doris Airstrip Extension-Surface Water Transfer Point Design Report for Type A Water Licence No. 2AM-DOH1335 in the Kitikmeot Region of Nunavut

Region: Kitikmeot Kivalliq Qikiqtani

A. DOCUMENTS REVIEWED AND REFERENCED

The following table (Table 1) provides a list of the documents reviewed under the submission and reference during the review.

Table 1: Documents Reviewed and Referenced

Document Title, Author, File No., Rev., Date
SRK Consulting (Canada) Inc. Doris Airstrip Extension – Surface Water Transfer Point - Design Overview for Notice of Construction. 17 April 2026.

B. CIRNAC Comments and Recommendations

1. Contact water

Section 4.1 of the Report states “*The design criteria for the airstrip surface water transfer point includes...Consider inflow design flood volumes to determine the maximum flooding elevation which could flood this area. For design, the water is considered non-contact water and as such a containment is not required.*”

De-icing of airplanes and runways are known airport activities.

CIRNAC recommends the Licensee provide explanation and/or a plan on how contact water from de-icing airport activities is kept separated from the airstrip surface water transfer point.

2. Active pumping

Section 4.2 of the Report states “*Due to the substantial portion of the design volume being associated with snowmelt and considering the typical snow melt duration of 15 to 30 days,*



larger magnitude rainfall events during freshet will be managed through active pumping and otherwise flow to the north along the airstrip shoulder.”

CIRNAC recommends the discharge point for active pumping be specified along with the erosion prevention measures at the discharge point.

3. Snow removal

Section 4.2 of the Report states “*Due to the substantial portion of the design volume being associated with snowmelt and considering the typical snow melt duration of 15 to 30 days, larger magnitude rainfall events during freshet will be managed through active pumping and otherwise flow to the north along the airstrip shoulder.”*

Snow removal is a known airport activities.

CIRNAC recommends the Licensee provide a snow removal plan for the Doris Airstrip Extension.