



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

Your file - Votre référence
2BE-NUT----
Our file - Notre référence
GCDOCS#135298658

February 3, 2026

Robert Hunter
Licensing Administrator
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 New Licence Application for Nut Lake Project, Type B Water Licence No. 2BE-NUT---

Dear Robert Hunter,

Thank you for the January 6, 2026 invitation to review the referenced licence application, submitted by Greenridge Exploration Inc., for Type B Water Licence No. 2BE-NUT----.

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 licence 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 Andrew Keim at (867) 975-4550 or Andrew.keim@rcaanc-cirnac.gc.ca

Sincerely,

William Quere, BSc
Municipal Coordinator



Technical Review Memorandum

Date: February 3, 2026

To: Robert Hunter - Licensing Administrator, Nunavut Water Board

From: William Quere – Municipal Coordinator, CIRNAC

Subject: **Crown-Indigenous Relations and Northern Affairs Canada’s Review of the New Licence Application for Nut Lake Project, Type B Water Licence No. 2BE-NUT----**

Region: Kitikmeot Kivalliq Qikiqtani

A. BACKGROUND

The Nut Lake Project is Located in the Kivalliq region, roughly 175 kilometres (km) southwest of Baker Lake. It lays within a 5,853-hectare claim block with a camp location of Latitude: (63° 05’ 36” W) Longitude: (98° 24’ 31” N). The project is run by Greenridge Exploration Inc. (Greenridge). Greenridge is applying for a 4 year new type B water licence 2BE-NUT---- for their Nut Lake Project.

Nut Lake Project is an uranium exploration project. The Project started in 2024 under water licence 2WLC-NUT---- licence where exploration activities occurred. The current type B licence 2BE-NUT---- application is an expansion of this work to include greater water intake, an increase in personnel, and working days. Greenridge will have a seasonal, helicopter supported, 13-15 person camp operating between April and September. Greenridge estimates a water use of 299 m³ a day between their camp and their active drilling sites. Combustible waste will be incinerated, with ashes removed to an appropriate site, while greywater from drilling and camp will be deposited into sumps.

Table 1: Summary of Recommendations

Recommendation Number	Subject
R-01	Base Camp Coordinates
R-02	Type B Application
R-03	Grey Water Sumps
R-04	Work Dates
R-05	Abandonment Plan Distance to Water-bodies
R-06	Post-Closure Site Monitoring



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
GENERAL WATER LICENCE APPLICATION	28 November 2025, Russell Starr, Greenridge Exploration Inc.
SPILL CONTINGENCY AND FUEL MANAGEMENT PLAN	Greenridge Exploration, August 2025
WASTE MANAGEMENT PLAN	Greenridge Exploration, August 2025
NPC File No. 150746 [Nut Lake Project]	Daniel Haney, April 6 2025
Greenridge Exploration Inc. Nut Lake Project Community Consultations	Greenridge Exploration, N.D.
GXP Nut Lake Property camp and water withdrawal	Greenridge Exploration, N.D.
251009-25EN025-Screening Decision Report-OT1E	NIRB, October 9, 2025
Greenridge Nut Lake Reclamation Cost Estimate	Greenridge Exploration, November 2025
Nut Lake Property Non-Technical Summary	Greenridge Exploration, N.D.
ABANDONMENT AND RESTORATION PLAN	Greenridge Exploration, June 2025
EMERGENCY RESPONSE PLAN	Greenridge Exploration, May 2025
ENVIRONMENTAL AND WILDLIFE MANAGEMENT PLAN	Greenridge Exploration, August 2025
RADIATION HAZARD CONTROL PLAN	Greenridge Exploration, June 2025
EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE	Greenridge Exploration Ltd, N.D.
Dahrouge Authorization Letter-ILAE	Greenridge Exploration, N.D.



C. RESULTS OF REVIEW

1. Base Camp Coordinates

Comment:

The applicant states the base camp coordinates as different locations in the public notice of new application and on the general licence application. The concern is that the coordinates in the general licence application appear to be inaccurate.

Recommendation:

(R-01) CIRNAC recommends that the coordinates of the base camp be updated to reflect the correct geological coordinates in future notices and applications.

2. Type B Application

Comment:

The applicant has applied for a new Type B water licence however states in multiple plans, including the spill contingency and fuel management plan, that

“Greenridge is currently applying to amend water license 2WLC-NUT2425 to increase water usage to 299 m³/day (10m³/day for camp and 289 m³/day for drilling) to allow for the increase in camp size and proposed drilling program”.

The concern is that this is an application for a new type B licence and not an amendment.

Recommendation:

(R-02) CIRNAC recommends that the applicant clarify that the application is for a Type B water licence in all related documents.

3. Grey Water Sumps

Comment:

Section 4.3 of the waste management plan states the

“Camp wastewater will be discharged into grey water sumps, with grease traps and screens on kitchen drains to prevent grease and food solids from entering. The discharge pipe will be wildlife-proof, and the sump will be at least 31 m from any waterbody.

Non-radioactive drill cuttings will be collected in natural depression sumps at each drill site”.



The concern is that there is no description of how the sumps will be constructed or maintained to enable filtering and prevent slumping.

Recommendation:

(R-03) CIRNAC recommends the proponent provide a general plan for sump construction and maintenance.

4. Work Dates

Comment:

The applicant states in their environmental, waste management, and radiation control plans that

“Greenridge is proposing a 2025 summer field program for the Property that is anticipated to run for 30 to 60 days between May and September 2025”.

The concern is that this application is for work starting May 2026 until April 2029 and we require current plans to properly assess the application.

Recommendation:

(R-04) CIRNAC recommends the proponent use current relevant plans and information in their application to replace outdated material.

5. Abandonment Plan Distance to Water-bodies

Comment:

The applicant states in their abandonment and restoration plan that

“If the core is stored on-site, it must be at least 30 meters from the high-water mark of any nearby water body to prevent direct flow into it and avoid additional impacts”.

The concern is that the standard distance away from a high-water mark of any water body is 100 metres for radioactive materials. All cores and drill cuttings that are radioactive must be kept a minimum of 100 metres from the normal high water mark of a waterbody and enclosed by fencing.

Recommendation:

(R-05) CIRNAC recommends the applicant store all radioactive materials within fencing at a minimum of 100 metres from the normal high water mark of any waterbody.



6. Post-Closure Site Monitoring

Comment:

The applicant states in their abandonment and restoration plan in section six that

“ Following reclamation, annual monitoring may be conducted if required. This may include soil and water testing, assessing plant regrowth, evaluating potential runoff and erosion issues, and inspecting the stability and condition of core boxes. Reports, along with photographs, will be submitted to the relevant regulatory authorities, and monitoring will continue for as long as deemed necessary by these bodies”.

The concern is that there is a minimum 25 year requirement for post-closure monitoring.

Recommendation:

(R-06) CIRNAC recommends the applicant include in their abandonment and restoration plan, and in any other relevant plan or application, the minimum 25 year post-closure monitoring.