



General Water Licence Application
(Application for a new Water Licence)

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DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	Update NWB logo	April 2013
(4)		
(5)		
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**GENERAL WATER LICENCE APPLICATION
(APPLICATION FOR NEW WATER LICENCE)**

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

LICENCE NO: (for NWB use only)	
<p>1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address)</p> <p>Russell Starr Greenridge Exploration Inc. 250-997 Seymour Street Vancouver, BC V6B 3M1</p> <p>Phone: <u>778-897-3388</u></p> <p>Fax: _____</p> <p>e-mail: <u>russell@greenridge-exploration.com</u></p>	<p>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)</p> <p>Allyson Ullrich Dahrouge Geological Consulting Ltd. Suite 103, 10183 112 Street, Edmonton, Alberta T5K 1M1</p> <p>Phone: <u>780-996-0873</u></p> <p>Fax: _____</p> <p>e-mail: <u>allyson.ullrich@dahrouge.com</u> (Attach authorization letter.)</p>
<p>3. NAME OF PROJECT (including the name of the project location)</p> <p>Nut Lake Project</p>	
<p>4. LOCATION OF UNDERTAKING</p> <p>Project Extents</p> <p>NW: Latitude: (63° 06' 03" N) Longitude: (98° 29' 27" W) NE: Latitude: (63° 01' 15" N) Longitude: (98° 29' 30" W) SE: Latitude: (63° 01' 20" N) Longitude: (98° 11' 14" W) SW: Latitude: (63° 01' 15" N) Longitude: (98° 29' 23" W)</p> <p>Camp Location(s)</p> <p>Latitude: (98° 24' 31" N) Longitude: (63° 05' 36" W)</p>	
<p>5. MAP - Attach a topographical map, indicating the main components of the undertaking. See "20251128 - GXP Nut Lake Property camp and water withdrawal"</p>	

is not required.	
8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION	
Is an Article 12 Part 4 screening determination required?	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If Yes, indicate date issued and attach copy: October 9, 2025 . See “251009-25EN025-Screening Decision Report-OT1E”	
If No, provide written confirmation from NIRB confirming that a screening determination is not required.	
9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.	
Greenridge Exploration Nut Lake Uranium Property Non-Technical Summary - English 20250318 Greenridge Exploration Nut Lake Uranium Property Non-Technical Summary - Inuktitut 20250318 Greenridge Nut Lake Property Abandonment and Restoration Plan 20250318 Greenridge Nut Lake Property Emergency Response Plan 20250318 Greenridge Nut Lake Property Environmental and Wildlife Management Plan 20250801 Greenridge Nut Lake Property Radiation Hazard Control Plan 20250318 Greenridge Nut Lake Property Spill Contingency and Fuel Management Plan 20250801 Greenridge Nut Lake Property Waste Management Plan 20250801 20251128 - GXP Nut Lake Property camp and water withdrawal	
10. OPTIONS – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	
Previous work completed on the Project by other exploration companies has aided in the identification of drilling targets, therefore reducing the need for duplicated work and potentially unnecessary disturbances. The general exploration activities proposed by Greenridge Exploration Inc., which will also be used to help identify drilling targets will be as low impact as possible (i.e. geological mapping, prospecting, geochemical sampling, geophysical surveys, etc), again to reduce the need for unnecessary disturbances.	
11. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking by checking one of the following boxes.	
<input type="checkbox"/> Industrial	<input type="checkbox"/> Agricultural
<input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps)	
<input type="checkbox"/> Conservation	
<input type="checkbox"/> Municipal (includes camps/lodges)	<input type="checkbox"/> Recreational
<input type="checkbox"/> Power	<input type="checkbox"/> Miscellaneous (describe below):
<hr/>	
See Schedule II of <i>Northwest Territories Waters Regulations</i> for Description of Undertakings.	
Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.	
<input type="checkbox"/> Hydrostatic Testing	
<input type="checkbox"/> Tannery	
<input type="checkbox"/> Tourist / Remote Camp	
<input type="checkbox"/> Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil	
<input type="checkbox"/> Onshore Oil and Gas Exploration Drilling	

	<input checked="" type="checkbox"/> Mineral Exploration / Remote Camp <input type="checkbox"/> Advanced Exploration <input type="checkbox"/> Mine Development <input type="checkbox"/> Municipal <input type="checkbox"/> General Water Works <input type="checkbox"/> Power
12.	<p>WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.</p> <p><input checked="" type="checkbox"/> To obtain water for camp/ municipal purposes <input type="checkbox"/> To obtain water for industrial purposes <input type="checkbox"/> To divert a watercourse <input type="checkbox"/> To cross a watercourse <input type="checkbox"/> To modify the bed or bank of a watercourse <input type="checkbox"/> To alter the flow of, or store water <input type="checkbox"/> Flood control <input checked="" type="checkbox"/> Other: Diamond Drilling</p>
13.	<p>QUANTITY AND QUALITY OF WATER INVOLVED - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.</p> <p>Name of water source(s) (show location(s) on map): Numerous unnamed sources Describe the quality of the water source(s) and the available capacity Water quality will be pristine. Care will be taken to ensure that water is drawn from bodies with sufficient capacity in order to avoid impact on waterbody level or watercourse flow. Provide the overall estimated quantity of water to be used: 299 m³/day Provide the estimated quantity(s) of water to be used from each source: 10 m³/day from lake adjacent to camp 289 m³/day from numerous sources for drilling Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) 10 m³/day for camp use 289 m³/day for drilling Describe the method of extraction(s): Water for camp and drilling operations will be extracted from a nearby lake using an electric submersible pump or a diesel-powered drill pump. The intake will be equipped with a fine-mesh fish screen meeting or exceeding DFO's Freshwater Intake End-of-Pipe Fish Screen Guideline, ensuring openings <1/4 inch to prevent entrainment of fish. Estimated quantity(s) of water returned to source(s) None. Water used for camp and drilling is not returned to the source waterbody. Instead, camp greywater is discharged into an excavated greywater sump located >31m from any waterbody. Drill return water and benign cuttings are contained in a properly constructed sump or suitable natural depressions >31m from waterbodies. These sumps allow water to slowly infiltrate into surrounding soil, preventing impacts to surface water quality. Describe the quality of water(s) returned to source(s): Drilling will utilize recirculation and filtration systems to minimize loss of water and drill additives and nonhazardous and bio-degradable drilling fluids will be used at all times wherever possible to ensure greywater placed in sumps is a clean as possible.</p>
14.	<p>WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.</p> <p><input checked="" type="checkbox"/> Sewage <input checked="" type="checkbox"/> Waste oil <input checked="" type="checkbox"/> Solid Waste <input checked="" type="checkbox"/> Greywater</p>

Hazardous
 Bulky Items/Scrap Metal
 Animal Waste
 Other (describe): _____

Sludges
 Contaminated soil and/or water

15. QUANTITY AND QUALITY OF WASTE INVOLVED – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Human waste	Maximum 13 people	Pacto toilets and incineration	Ashes from incineration will be removed and taken to approved disposal site
Camp greywater	Kitchen and shower water	≤ 10 (m ³ /day)	Excavated sump	Excavated sump constructed with plywood walls and filled with loose cobbles/gravel to aid in filtration, located at least 31 m away from the ordinary high-water mark of a water body.
Drill greywater	Water and drill additives	≤ 289 (m ³ /day)	Sump or appropriate natural depression	Excavated sump or appropriate natural depression a minimum distance of 31 m from nearby water sources
Combustible solid waste	Food wastes, paper, cardboard, etc.	Variable	Incineration	Ashes from incineration will be removed and taken to approved disposal site
Incinerator Ash	Incinerator ash	Variable	Stored in sealed containers	Transported to approved disposal site.
Non-combustible solid waste, bulky items, scrap metal	Bulky items, scrap metal, empty barrels/fuel drums, etc.	Variable	Stored in sealed containers or other appropriate and safe containment	Transported to approved recycling or disposal facility
Hazardous waste or oil	Used oil	Minimal	Stored in sealed containers	Removed and taken to approved disposal site
Contaminated soil/water	Hydrocarbons	Negligible	Stored in sealed containers or other appropriate	Removed and taken to approved disposal site

			and safe containment	
Radioactive contaminant	Mineralized drill cuttings	Variable	Centrifuge system & stored in sealed containers	Removed and taken to approved disposal site

16. OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: _____

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES - Describe direct, indirect, and cumulative impacts related to water and waste.

All potential environmental effects associated with water use and waste management for the Nut Lake Exploration Program are considered minor, localized, and readily mitigated. No significant residual impacts are expected following the implementation of the Project's water- and waste-related protection measures.

Direct impacts related to water use include the localized withdrawal of freshwater from multiple small lakes and ponds for camp operations and drilling activities. These effects are mitigated by limiting withdrawals to 299 m³/day across multiple sources, using DFO-compliant screened intakes, and ensuring that no water is drawn from lakes lacking sufficient natural capacity. Direct impacts related to waste include the generation of domestic greywater and blackwater, drillwater, solid waste, and hazardous waste. These are mitigated through the use of properly constructed sumps located ≥31 m from waterbodies, controlled-air incineration of combustibles, and the off-site backhaul of all hazardous waste and mineralized drill cuttings.

Indirect impacts may include localized changes to soil moisture or percolation patterns around greywater and drillwater sumps, or temporary disturbance to ground surfaces where waste infrastructure is placed. These impacts are minimized through regular inspection of sumps and containment structures, use of biodegradable drilling additives, proper storage within secondary containment, and progressive reclamation of all disturbed areas.

Cumulative impacts related to water and waste are expected to be negligible given the small scale, seasonal nature, and short duration of the program. Even if multiple exploration programs occur in the broader region, the strict limits on water use, the absence of any direct discharge of wastewater into waterbodies, and the requirement to backhaul all hazardous and mineralized wastes ensure that the Project's contribution to cumulative regional effects on water quality, water quantity, and waste accumulation remains minimal. With mitigation measures fully in place, no significant cumulative effects related to water or waste are anticipated.

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners

of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

Based on the information available to the Proponent, no licensed water users, commercial operators, registered trapline holders, outfitting concessions, or other authorized land or water users are known to be present within the immediate Nut Lake Project area. The Project is located entirely on Crown Land, and there are no known competing or precedent water licences that would be adversely affected by the proposed water use.

The Proponent recognizes that the Kazan River, located west of the Project area, is traditionally used by Inuit for travel, harvesting, and cultural purposes. While the Nut Lake program does not draw water from the Kazan River and will not physically interact with it, the Proponent acknowledges its cultural significance. No adverse effects to traditional use of the Kazan River are anticipated, as all water withdrawal is limited to small unnamed lakes within the Property boundaries, at volumes that will not affect downstream hydrology.

No compensation has been paid, nor are any compensation agreements required or anticipated, as no existing licensed users or rights holders are expected to be adversely affected by the proposed undertaking.

19. INUIT WATER RIGHTS

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

20. CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

See “20251128 - Greenridge Nut Lake Community Consultation Log”

Consultation with the Hamlet, Hunters and Trappers Organization and public of Baker Lake will be completed prior to the 2026 field program, as well as the development and implementation of a Community Consultation Strategy Plan.

21. SECURITY INFORMATION

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

See “Greenridge Exploration Nut Lake Reclamation Cost Estimate”

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

See [“Greenridge_Exploration_Inc._FS_2025-05-31_Final” Interim Financial Statements](#)

If the applicant is a business entity, provide a list of the officers of the company.

Management

Russell Starr – Chief Executive Officer & Director

Warren Stanyer – President & Director

Simon Tso – Chief Financial Officer & Director

Directors

Mike Parmer

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

23. STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc. [No studies have been completed on the project by Greenridge Exploration Inc. to date.](#)

24. PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Construction

Proposed Start Date: [May/2026](#) (month/year) Proposed Completion Date: [May/2026](#) (month/year)

Operation

Proposed Start Date: [May/2026](#) (month/year) Proposed Completion Date: [April/2029](#) (month/year)

Closure

Proposed Start Date: [April/2029](#) (month/year) Proposed Completion Date: [May/2029](#) (month/year)

Post - Closure

Proposed Start Date: _____ (month/year) Proposed Completion Date: _____ (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction

Winter Spring Summer Fall All season

Operation

Winter Spring Summer Fall All season

Closure

Winter Spring Summer Fall All season

Post - Closure

Winter Spring Summer Fall All season

25. PROPOSED TERM OF LICENCE

Number of years (maximum of 25 years): 4 years

Requested Date of Issuance: April/2026 Requested Expiry Date: May/2029
(month/year) (month/year)

(The requested date of issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

26. ANNUAL REPORTING – If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

27. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

Yes No If no, date expected _____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

Yes No If no, date expected _____

Completed General Water Licence Application form.

Yes No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG), where applicable (see Block 11)

Yes No If no, date expected _____

English Summary of Application.

Yes No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

Yes No If no, date expected _____

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

Yes No If no, date expected to be paid via credit card by phone

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If no, date expected to be paid via credit card by phone	
28. SIGNATURE			
Allyson Ullrich	Geologist		November 28, 2025
Name (Print)	Title (Print)	Signature	Date