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

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DOCUMENT MANAGEMENT

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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
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(5)		
(6)		
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(9)		
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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)

1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address)

Generation Uranium Inc.
6th Floor, West Pender Street,
Vancouver, BC
V6C 1L6
Phone: 604.773.0992
e-mail: derrickstrickland@hotmail.com

2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)

Tara Gunson
APEX Geoscience Ltd.
100, 11450 160 Street NW
Edmonton, AB T5M 3Y7
Phone: (780) 467-3532
e-mail: tgunson@apexgeoscience.com
(Attach authorization letter.)

3. NAME OF PROJECT (including the name of the project location)**:** Yath Project

4.

5. LOCATION OF UNDERTAKING

Project Extents

NE:	Latitude: (62°39')	Longitude: (98°37')
SE:	Latitude: (62°32')	Longitude: (98°37')
SW:	Latitude: (62°32')	Longitude: (99°11')
NW:	Latitude: (62°40')	Longitude: (99°11')

Camp Location(s)

The location of a potential camp is still to be determined. Suitable locations will be submitted to NWB and CIRNAC prior to any ground disturbance or construction. Camp will be seasonal capable of supporting 10 to 15 personnel and a fuel cache.

Latitude: TBD Longitude: TBD

6. MAP - Attach a topographical map, indicating the main components of the undertaking.
See "240626 - GEN Yath Property Location & Mineral Tenure Figure."

NTS Map Sheet No.: 65 J/10 Map Name: NO TITLE Map Scale: 1:50,000
NTS Map Sheet No.: 65 J/11 Map Name: NO TITLE Map Scale: 1:50,000

7. NATURE OF INTEREST IN THE LAND - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

X Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: Under application Date of expiry: TBD

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

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

Name of entity(s) holding authorizations:
Generation Uranium Inc.

8. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

☐ North Baffin
☐ South Baffin
☐ Akunniq
X Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Is a land use plan conformity determination required?

X Yes ☐ No

If Yes, indicate date issued and attach copy: Conformity determination issued August 6, 2024. See "*240806 - NPC File # 150437 [Yath Property].*"
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

9. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

X Yes ☐ No

If Yes, indicate date issued and attach copy: Screening decision issued December 11, 2024. See "*241211-24EN039- NIRB Screening Decision Report-OT9E*"
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

10. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

240624 - GEN Yath Property Medical Evacuation Plan
240624 - GEN Yath Property Reclamation Cost Estimate
240626 - GEN Yath Property Location & Mineral Tenure Figure
240816 - GEN Yath Property Non-Technical Summary – English
240828 - GEN Yath Property Non-Technical Summary – Inuktitut
240829 - GEN Yath Property Abandonment & Restoration Plan
240829 - GEN Yath Property Fuel Management Plan
240829 - GEN Yath Property Radiation Hazard Control Plan
241201 - GEN Yath Property Environmental & Wildlife Management Plan
241210 - GEN Yath Property Spill Contingency Plan
241210 - GEN Yath Property Waste Management Plan

11. 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 Generation Uranium Inc. will also be used to help identify drilling targets and will be as low impact as possible (i.e. geological mapping, prospecting, geochemical sampling, geophysical surveys, etc.) to reduce the need for unnecessary disturbances.

12. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial ☐ Agricultural
X Mining and Milling (includes exploration/drilling/exploration camps)
☐ Conservation
☐ Municipal (includes camps/lodges) ☐ Recreational
☐ Power ☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* 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.

☐ Hydrostatic Testing
☐ Tannery
☐ Tourist / Remote Camp
☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
☐ Onshore Oil and Gas Exploration Drilling
X Mineral Exploration / Remote Camp
☐ Advanced Exploration
☐ Mine Development
☐ Municipal
☐ General Water Works
☐ Power

13. **WATER USE -** Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

X To obtain water for camp/ municipal purposes
☐ To obtain water for industrial purposes
☐ To cross a watercourse
☐ To alter the flow of, or store water
☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse
☐ Flood control
X Other: Diamond Drilling

14. **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.

Name of water source(s) (show location(s) on map):
Numerous unnamed sources proximal to drillpads and the camp location which have yet to be determined
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 m^3/day
Provide the estimated quantity(s) of water to be used from each source:
289 m^3/day from numerous sources for drilling
10 m^3/day from unnamed waterbody proximal to camp
Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)
289 m^3/day from numerous sources for drilling
10 m^3/day from unnamed waterbody proximal to camp
Describe the method of extraction(s):
The water intakes for the camp will use an electrically powered submersible pump with a fine screen (<1/4" openings) on the intake. The drill pumps use a 1" inside diameter suction hose on the diesel pump with a fine screen on the foot valve. For drilling, a fiberglass window screen with a nominal opening size of less than 1/16" is also generally wrapped around the foot valve to prevent the intake of silt and sand into the pump, which can cause considerable damage to the pump chambers. In addition, it is common practice for the drilling contractor to place the foot valve of the intake hose in a perforated 20 L pail, which further protects against harmful materials and fish being entrained into water intake hoses.
Estimated quantity(s) of water returned to source(s)
Water used for drilling and camp use will not be returned directly to the source, but placed in a sump to allow for slow infiltration into the soil and will be located at least 31 m away from a waterbody.
Describe the quality of water(s) returned to source(s):
Drilling will utilize recirculation and filtration systems to minimize loss of water, 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.
At camp, a grease trap and screens will be installed on the kitchen drain to ensure grease and food solids do not enter the sump. The discharge pipe into the sump will be inaccessible to wildlife.

15. **WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

X Sewage
X Solid Waste
X Hazardous
X Bulky Items/Scrap Metal
☐ Animal Waste
Other (describe):

X Waste oil
X Greywater
X Sludges
X Contaminated soil and/or water

16. **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.

See "*241210 - GEN Yath Property Waste Management Plan*" for additional details.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Human waste	Maximum 15 people	Pacto toilets and incineration	Ash from incineration will be stored in 205L drums and transported to approved disposal site.
Camp greywater	Kitchen, laundry and shower water	≤ 10 (m3/day)	Excavated sump	Sump will be located at least 31 m away from the ordinary high-water mark of a waterbody. Grease traps and screens will be installed on kitchen drain. Discharge pipe will be inaccessible to wildlife.
Drill greywater and non-mineralized drill cuttings	Water, non-mineralized drill cuttings and drill additives	≤289 m^3/day	Natural depression sump	Natural depression adjacent to drillhole, a minimum distance of 31 m from the ordinary high-water mark of any waterbody.
Mineralized drill cuttings	Mineralized drill cuttings	Unknown	Cutting retrieval system	Collected and pumped back down the hole or stored in 205L drums in and transported to approved disposal site.
Combustible solid waste	Food waste, paper, cardboard, untreated wood	Variable	Incineration	Ash from incineration will be stored in 205L drums and transported to approved disposal site.
Non-combustible solid waste, bulky items, scrap metal, rubber	Bottles, jars, nails/screws, empty drums, tires, etc.	Variable	Sealed in marked containers and stored in secondary containment berms.	Transported to approved recycling or disposal facility
Hazardous waste	Used oil	Minimal	Sealed in marked containers and stored in secondary containment berms.	Transported to approved disposal facility
Contaminated soil/water	Contaminated soil/water	Negligible/ Minimal	Sealed in marked containers and stored in secondary containment berms.	Transported to approved disposal facility

17. 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: _____

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

Generation Uranium Inc. is firmly committed to the protection and conservation of the natural environment and to ensuring the health and safety of all employees, contractors, and people in surrounding communities. The potential environmental effects associated with the proposed Yath Project are considered minor, localized effects that can be mitigated. No significant residual impacts to the environment are expected to occur as a result of the implementation of this program.

While individually no significant effects are anticipated, consideration should be made to the combination of all existing or known planned activities within the vicinity of the project area. Some cumulative effects can be positive, such as the case with the establishment of the diamond mines in the NWT, more residents are finishing high school and earning higher salaries. Other positive cumulative effects can be increased employment rate, infrastructure and potential for investment in communities by government. Cumulative effects may also be negative and therefore attention should be given to the potential for these to occur in advance of project growth. Cumulative effects on the land might include changes to the number of wildlife, increases in non-native plants, or the melting of permafrost.

See Yath Property Spill Contingency, Fuel Management, Waste Management, Abandonment and Restoration, Radiation Hazard Control and Environmental and Wildlife Management Plans for proposed disturbance mitigation measures.

19. 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.

20. 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).

21. **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.

In-person consultation visits will be conducted annually, prior to the commencement of operations, to discuss the proposed exploration program, any concerns the KIA, Hamlets, HTO's, and community members may have and to incorporate any available Inuit Qaujimajatuqangit traditional knowledge.

22. **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 "250115 - GEN Yath Property 3rd Party Reclamation Cost Estimate."

23. **FINANCIAL INFORMATION**

Provide a statement of financial responsibility.

See "240930 - GEN Interim Financial Statements."

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

Anthony Zelen – Chief Executive Officer
Marcy Kiesman – Chief Financial Officer
Chris Huggins – Director
Dallas Miller – Director

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

See "181121 - Certificate of Incorporation" , "221213 - Certificate of Change of Name" and "240130 - Certificate of Change of Name."

24. **STUDIES UNDERTAKEN TO DATE** - List and attach copies of studies, reports, research, etc.

No studies have been completed by Generation Uranium on the Yath Project to date.

25. 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: March/2025 (month/year) Proposed Completion Date March/2025 (month/year)

Operation
Proposed Start Date: March/2025 (month/year) Proposed Completion Date: September/2025 (month/year)

Closure
Proposed Start Date: September/2025 (month/year) Proposed Completion Date: September/2025 (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
X Winter X Spring ☐ Summer ☐ Fall ☐ All season

Operation
☐ Winter ☐ Spring ☐ Summer ☐ Fall X All season

Closure
X Winter ☐ Spring ☐ Summer X Fall ☐ All season

Post - Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

26. PROPOSED TERM OF LICENCE

Number of years (maximum of 25 years): __5__ years

Requested Date of Issuance: March/2025 (month/year) Requested Expiry Date: February/2030 (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)

27. 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.

28. **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.

X Yes ☐ No If no, date expected _____

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

X Yes ☐ No If no, date expected _____

Completed General Water Licence Application form.

X Yes ☐ No If no, date expected _____

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

X Yes ☐ No If no, date expected _____

English Summary of Application.

X Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

X Yes ☐ No If no, date expected _____

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

☐ Yes X 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.

☐ Yes X No If no, date expected
To be paid via credit card by phone

29. **SIGNATURE**

Tara Gunson	Senior Geologist		January 27, 2025
Name (Print)	**Title (Print)**	**Signature**	**Date**