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NUNAVUT WATER BOARD
NUNAVUT IMALURIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No: **2BE-HLP2631**

August 7, 2026

Eric Sondergaard
Director
6106 Resources Limited
3139 Leduc Crescent SW
Calgary, AB T3E 5X1

Denise Lockett
President
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Email: eric@6106.ca

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RE: NWB Water Licence No: 2BE-HLP2631

Dear Eric Sondergaard and Denise Lockett:

Please find attached Water Licence No: **2BE-HLP2631** issued to 6106 Resources Limited (Licensee or Applicant) by the Nunavut Water Board (NWB or Board) pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada (Nunavut Agreement)*. The terms and conditions of the attached Licence related to the use of Water and the deposit of Waste are an integral part of this approval.

If the Licensee contemplates the continuing of this Undertaking after the Water Licence expires, it is the responsibility of the Licensee to apply to the NWB for a renewal water licence. The past performance of the Licensee, new documentation and information, and issues raised during a public hearing, if the NWB is required to hold one, will be used to determine the terms and conditions of the renewal Water Licence. Note that if the Licence expires before the NWB issues a new one, then the use of Water and the deposit of Waste must cease, or the Licensee may be in contravention of the *Nunavut Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWSRTA or Act)*. However, the expiry or cancellation of a licence does not relieve the holder from any obligations imposed by the licence. The NWB recommends that an application for the renewal of this Licence be filed at least **three (3) months** prior to the Licence expiry date.

If the Licensee contemplates or requires an amendment to this licence, the NWB may decide, in the public's interest, to hold a public hearing. The Licensee should submit applications for amendment as soon as possible to give the NWB sufficient time to go through the amendment process. The process and timing may vary depending on the scope of the amendment, however, a minimum of **sixty (60) days** is required from time of acceptance by the NWB. It is the responsibility of the Licensee to ensure that all application materials have been received and are acknowledged by the Manager of Licensing.

It should be noted that in accordance with s. 75(1)(a) of the *Nunavut Planning and Project Assessment Act (NuPPAA)*, the Board is not allowed to issue a permit or authorization for any project proposal that has not been submitted to the Nunavut Planning Commission (NPC) in accordance with s. 76 of *NuPPAA*.

The NWB strongly recommends that the Licensee consult the comments received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and Fisheries and Oceans Canada (DFO). This information is attached for your consideration.¹

Sincerely,

Lootie Toomasie
Nunavut Water Board,
Chair

LT/aj/rh

Enclosure: New Licence No: **2BE-HLP2631**

Comments – CIRNAC, DFO

Cc: Distribution List – Kivalliq

¹ Crown Indigenous Relations and Northern Affairs Canada (CIRNAC), May 27, 2026; and Fisheries and Oceans Canada (DFO), May 27, 2026.

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DECISION

LICENCE NUMBER: 2BE-HLP2631

This is the decision of the Nunavut Water Board with respect to the Application dated April 8, 2026 for a new Water Licence made by:

6106 RESOURCES LIMITED

to allow for the use of Water and the deposit of Waste during activities related to exploration that include drilling, electro-magnetic surveys, ground and air geophysics survey, prospecting and sampling at the Hook Lake Project located within the Kivalliq Region, Nunavut, generally located at the following geographical coordinates:

Project Extents:	Latitude: 62°33'32.04" N	Longitude: 96°31'27.48" W
	Latitude: 62°35'48.12" N	Longitude: 94°21'6.48" W
	Latitude: 61°44'26.88" N	Longitude: 94°18'50.76" W
	Latitude: 61°42'15.48" N	Longitude: 96°25'34.68" W

Camp:	Latitude: 61° 58' 36.48" N	Longitude: 95° 41' 13.92" W
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DECISION

After having been satisfied that the Application is for a proposal that was reviewed by the Nunavut Planning Commission (NPC)², and for which the conformity determination, dated June 20, 2025, remains applicable, is in conformity with the Keewatin Regional Land Use Plan (KRLUP) subject to the applicable conformity requirements, and as determined by the Nunavut Impact Review Board (NIRB), a review of the Project is not required in accordance with s. 92(2)(a) of *Nunavut Planning and Project Assessment Act (NuPPAA)* subject to NIRB's Screening Decision's³ terms and conditions, in accordance with Article 12 of the *Nunavut Agreement* and s. 92(1)(a) of *NuPPAA*, the NWB decided that the Application could proceed through the regulatory process. In accordance with s. 55.1 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWNSRTA or Act)* and Article 13 of the *Nunavut Agreement*, public notice of the Application was given and interested persons were invited to make representations to the NWB.

After reviewing the submission of the Applicant and considering the representations made by interested persons, the NWB, having given due regard to the facts and circumstances, the merits of the submissions made to it and to the purpose, scope and intent of the *Nunavut Agreement* and of the *Act*, waived the requirement to hold a public hearing, and determined that:

New Licence No: 2BE-HLP2631 be issued subject to the terms and conditions contained therein. (Motion #: 2026-B1-016)

Signed this 7th day of August, 2026 at Gjoa Haven, NU.

Lootie Toomasie
Nunavut Water Board,
Chair

LT/aj/rh

² Nunavut Planning Commission, Conformity Determination, November 17, 2025.

³ Nunavut Impact Review Board (NIRB) Screening Decision, March 16, 2026.

I. BACKGROUND

6106 Resources Limited is an exploration company based out of Calgary, Alberta and is a subsidiary of Manhattan Corporation. The Hook Lake Project is located within the Rankin-Ennadai greenstone belt. At Hook Lake, mineralization within the project consists primarily of gold, with various other metals including silver, copper and zinc. The company holds mineral claims on both Crown Land and Inuit Owned Lands (IOL).

In July 2025 a Land Use License was granted by the Kivalliq Inuit Association (KVL125B05), for exploration activities on Inuit Owned Lands (IOL) parcels AR-16, AR-23, WC-10, and RI-23. No Land Use Permit was required for exploration on Crown Land as there was no water use or camp. Exploration activities including surface rock sampling, geological observations and location of historic core samples took place at the project site approximately 140 km northwest of Arviat. These activities were helicopter supported, based out of Arviat. No camp was used at that time.

Exploration activities are proposed to include drilling, electro-magnetic surveys, ground and air geophysics, prospecting and sampling, and to build a small, temporary exploration camp (20-person) to support the activities. The camp will be accessed via air in the summer and via trail from Arviat during winter.

II. PROCEDURAL HISTORY

On April 8, 2026, the NWB received a new application (Application) for type B Water Licence for Hook Lake Project (Project). The following documents were submitted with the Application:

- NPC Conformity Determination
- Non-technical summary (EN)
- Non-technical summary (IK)
- Non-technical summary (IQ)
- Consultation log
- Possible Camp Location Map
- Regional Map
- Letter of Authorization 6106 Resources
- NTI Expression of Interest for Mineral Rights on IOL Parcel AR16 and AR25
- POF - NU Charter documents (83972-3)
- POF - NU ET13171 28-Mar-2025 Certificate of Registration
- POF - NU Statement of Registration - 6106 Resources Limited (83972-3)
- NIRB Screening Decision Report
- NWB General Water Licence Application

On May 7, 2026, the NWB concluded that the Application generally met the requirements of section 48(1) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWNSRTA or Act) and forwarded notice of the Application to interested parties. Parties were invited to make representations to the NWB by May 28, 2026. Comments and recommendations were received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and Fisheries and Oceans Canada (DFO), on May 27, 2026. Environment and Climate Change Canada (ECCC)

advised they do not have any comments to provide at this time. The Applicant provided response to comments and submitted the following plans and documents:

- Fuel Spill Contingency Plan
- Waste Management Plan
- Wildlife management Plan
- Abandonment and Restoration Plan
- Camp Operations Management Plan
- Mineral Exploration Remote Camp SIG

On June 17, 2026, parties were requested to confirm whether the response addressed their concerns and recommendations. On June 18, 2026, DFO confirmed they are satisfied with the responses. CIRNAC provided second round of comments on July 2, 2026. Applicant provided response on July 5, 2026, and provided updated management plans on July 15, 2026 addressing CIRNAC's recommendations. A summary of comments and recommendations, and Applicant's responses are summarized in the section below: Summary of Comments. It is recommended that the Applicant consult original submissions for detailed discussions.

The NWB has placed in its Public Registry copies of the Application and all comments received from Interveners. This information can be accessed on the Public Registry through the following link:

<https://public.nwb-oen.ca/registry/2%20MINING%20MILLING/2B/2BE%20-%20Exploration/2BE-HLP2631%206106%20Resources%20Ltd/>

III. SUMMARY OF COMMENTS

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC):

CIRNAC provided the following recommendations:

Missing Management Plans and Supplemental Information Guidelines (SIG) – provide more information to support the assessment of the Application ensuring all pertinent required information is presented and consistent with what the General Water Licence Application.

Applicant's Response – The response package included the following supplemental materials:

- Spill Contingency and Fuel Management Plan;
- Abandonment and Restoration Plan, including interim and seasonal closure provisions;
- Waste Management Plan;
- Camp Operations and Management Plan; and
- Completed Supplemental Information Guideline for Mineral Exploration / Remote Camp.

CIRNAC noted that the Waste Management Plan states that hazardous and potentially hazardous wastes will be managed using secondary containment where required, however, there is no mention of secondary containment for fuel storage in the Fuel Spill Contingency Plan. CIRNAC

recommends secondary containment be explicitly mentioned as a part of the Fuel Spill Contingency Plan. The Applicant provided an updated Fuel Spill Contingency Plan addressing this recommendation.

Water Sources, Water Use Measurement, Monitoring of Lake Drawdown and Method of Extraction – provide additional clarification to support the review of water use and sustainability such as:

- a list of potential lakes or watercourses that may be used as water sources;
- information on the approach to assessing sustainable withdrawal limits, such as under-ice lake volume or streamflow considerations, to ensure withdrawals remain within accepted thresholds;
- further details on water extraction methods, including the type of pump to be used, intake placement, and measures to minimize shore disturbance;
- information on how water withdrawal volumes would be metered and tracked during operations; and
- clarification on whether other operators or activities in the area may use the same water bodies, and how potential cumulative effects on water availability may be considered.

Applicant's Response – Final water source selection will be made in the field based on proximity to the final camp and drill areas, suitability of the waterbody, avoidance of sensitive areas, and confirmation that the waterbody is capable of supporting the proposed withdrawal. Potential water sources will be identified on an updated map, and final coordinates will be provided to the NWB and Inspector before use.

Water withdrawal volumes will be measured using a flow meter or, where appropriate, calculated using pump rate and operating hours, with daily water use recorded in a field log. Intake locations will be selected to minimize shoreline disturbance. Pumps and fuel will be managed with appropriate setbacks and secondary containment. All intakes will use DFO-compliant fish screens. Field conditions will be monitored and water sources will be adjusted if cumulative withdrawal concerns are identified.

CIRNAC reiterated that additional information be provided regarding potential water sources and the methodology that will be used to evaluate sustainable withdrawal limits. The Applicant provided a KML file identifying the proposed water source area for camp use and noted the final water source selection will be confirmed in the field based on proximity to the final camp location, waterbody suitability, safe access, and confirmation that the waterbody is capable of supporting the proposed withdrawal, and that final source coordinates will be provided to the NWB and Inspector prior to use, if required. The Applicant also outlined measures and methodologies for water withdrawal. CIRNAC recommended that the NWB include licence requirements for safe water withdrawal limits and that the Applicant provide a list or map of potential water sources prior to water licence issuance.

Waste Quantification and Waste Water and Sumps Management – clarify the waste management information provided in the Application such as estimated daily volumes (m³/day) for each waste stream and confirmation of the intended setback distance of 31 metre for greywater and drill solids disposal locations in relation to the natural High Water Mark.

Applicant's Response – The Applicant provided estimated daily waste volumes and noted greywater and drill cuttings will be managed in accordance with Licence conditions and applicable guidance. Non-hazardous solid waste will be segregated and removed from site or managed in accordance with the Waste Management Plan. Hazardous waste, waste oil, fuel containers and contaminated materials will be stored in appropriate containers and backhauled to an approved facility.

CIRNAC noted the updated Waste Management Plan contains the estimated waste volume for greywater generation, however, the requested estimated volumes for each waste stream identified in the Application is not present. CIRNAC further noted waste volume estimates are important as they support assessment of whether the Waste Management Plan is adequate for the volume and type of waste to be generated. The Applicant in their response provided estimated volumes of each type of waste identified in their Application and noted actual volumes will be tracked during operations.

Environmental Impact Linked to Water and Waste and Studies or Survey – clarify whether additional information is available to describe predicted direct, indirect, and cumulative environmental effects related specifically to water use and waste management, and associated mitigation measures; and whether the Applicant has considered the potential presence of historical or archaeological sites, previous liability and previous disruption in areas proposed for camp establishment or exploration activities, including whether any studies, assessments, or consultations have been undertaken or are planned to address this consideration.

Applicant's Response – Additional water and waste specific impact discussion was provided in the updated Application materials. Potential effects are expected to be temporary, localized and low magnitude, and relate mainly to water withdrawal, greywater management, drill cuttings management, fuel handling and general camp waste. Mitigation will include screened intakes, water use tracking, appropriate setbacks, secondary containment, spill response procedures, segregation and backhaul of wastes, and inspection of sumps and fuel storage areas. The Applicant noted measures will be taken with regards to historical or archaeological sites including avoidance and documentation where required.

Conflicting Proposed Timeline – clarify the proposed construction and operation start dates and confirm how the Project schedule aligns with the anticipated timing of Water Licence issuance, to support the review of whether proposed activities are consistent with regulatory timelines.

Applicant's Response – The Applicant provided clarification of the proposed timeline and noted that activities requiring type B Water Licence will not commence until licence is issued and all applicable conditions are satisfied.

Missing Information in the Application Form – clarify whether the missing information [from the Application Form] can be provided, including confirmation of the application submission date, details and documentation related to the NIRB determination, and information addressing the alternatives.

Applicant's Response – The Applicant provided the missing information in updated Application documents.

Fisheries and Oceans Canada (DFO)

DFO provided the following recommendations:

- Follow DFO's protective measures for fish and fish habitat and standard codes of practice in order to comply with the *Fisheries Act*;
- Respect the NU in-water works restricted activity timing windows;
- Refer to DFO's Interim code of practice: End-of-pipe fish protection screens for small water intakes in freshwater when using fish screens and if the water intake flow is up to 0.150 m³/s, or 150 liters per second (L/s);
- Complete and submit a request for review form as the Application meets the criteria for a site-specific review; and
- Duty to Notify DFO if the proponent has caused, or are about to cause, the death of fish by means other than fishing and/or the harmful alteration, disruption, or the destruction of fish habitat.

Applicant's Response – The Applicant acknowledged DFO's comments and committed to comply with their requirements and guidelines.

IV. GENERAL CONSIDERATIONS

The following sections provide general overview of the rationale for some of the main terms and conditions included under this Water Licence.

Term of the Licence

In accordance with s. 45 of the *NWNSRTA*, the NWB may issue a licence for a term not exceeding twenty-five (25) years. In determining an appropriate term for a licence, the Board generally takes into consideration several factors including Interveners' comments, the Licensee's compliance history, as well as the rationale provided in the Application.

The Licensee requested in its Application, a five (5) years term for this Licence. The Interveners in their submissions did not comment on the requested term for the Licence. The Board has approved the Licence for a **five (5) years term** considering the nature of the Undertaking.

Annual Report

Under Part B, Item 2 of the Licence, the Licensee is required to submit Annual Reports for the purpose of ensuring that the NWB has an accurate annual update of activities related to Water use and Waste disposal during each calendar year. This information is maintained on the Public Registry and is available to interested parties upon request. A "Standardized Form for Annual Reporting" is to be used by the Licensee and is available from the NWB Public Registry link at:

[Standardized Forms](#)

Water Use

The Application noted the overall estimated quantity of water to be less than two hundred and ninety-nine (299) cubic metres per day, the estimated quantities of water for camp operations and drilling purposes were noted as twenty (20) cubic metres per day, and thirty (30) cubic metres per day, respectively, from nearby water sources that do not freeze to the bottom.

CIRNAC recommended the Applicant provide more information on the potential lakes or watercourses that may be used as water sources, the approach to assessing sustainable withdrawal limits, water extraction methods, and measures to minimize shore disturbance. The Applicant noted that water source selection will be made in the field based on proximity to the final camp and drill areas, suitability of the waterbody, avoidance of sensitive areas, and confirmation that the waterbody is capable of supporting the proposed withdrawal. Potential water sources will be identified on an updated map, and final coordinates will be provided to the NWB and Inspector before use.

The Board has authorized the Licensee to use a maximum of fifty (50) cubic metres of water per day under Part C, Item 1 of the Water Licence. The Board requires the Applicant to provide information on final water source(s) once identified in the field in their Annual Report, and follow the measures for withdrawing water as outlined in the response to comments.

Camp

Camp use is authorized under this Licence. The Applicant has proposed to establish a 20-person camp to support exploration activities. The camp will be accessed by air in the summer and by trail from Arviat during winter. No concerns were expressed by the Interveners with respect to authorizing camp operations to support exploration activities. Conditions applying to camp operations are included in Part E of the Licence.

Deposit of Waste

The Application noted that waste generated will include sewage, greywater, hazardous waste including waste oil, and drill cuttings. Sewage will be incinerated daily in a dual chambered incinerator, greywater will be diverted to a natural sump, hazardous waste will be set aside in secondary containment and removed for disposal to an approved facility, and sludge containing drill cuttings will be collected in a natural sump.

The Applicant submitted a Waste Management Plan outlining the waste classification, waste management infrastructure, and other related information. CIRNAC noted the updated Waste Management Plan contains the estimated waste volume for greywater generation, however, the requested estimated volumes for each waste stream identified in the Application is not present. The Applicant in their response provided estimated volumes of each type of waste identified in their Application and noted actual volumes will be tracked during operations.

Terms and conditions for waste disposal are included in Part D of this Licence.

Management Plans

The Licensee submitted the following plans as additional information with their Application:

- Fuel Spill Contingency Plan
- Waste Management Plan
- Wildlife management Plan
- Camp Operations Management Plan
- Abandonment and Restoration Plan

While the above plans are generally acceptable, the Board has approved the following plans with the issuance of this Licence and requires the Licensee to implement these as applicable:

- *Waste Management Plan, 6106 Resources Limited*, dated June 2026,
- *Fuel Spill Contingency Plan, Hook Lake Project, Nunavut*, dated July 15, 2026; and
- *Abandonment and Restoration Plan, 6106 Resources Limited, Hook Lake Project, Nunavut*, dated October 1, 2025.

Regarding the *Waste Management Plan, 6106 Resources Limited*, dated June 2026, the Board has approved the Plan, however, the Applicant is required to submit a revised Plan for Board's review addressing CIRNAC's comments related to waste quantities, and Applicant's response of July 5, 2026. This revised Plan should be submitted with the 2026 Annual Report.

Other terms and conditions related to waste disposal, spill contingency, and closure and reclamation are included in Part D, Part H, and Part I respectively.

Monitoring

Part J of the Licence details the environmental monitoring requirements. It should also be noted that additional sampling may be required if requested by the Inspector.



NUNAVUT WATER BOARD WATER LICENCE

Licence No: 2BE-HLP2631

Pursuant to the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada*, the Nunavut Water Board, hereinafter referred to as the Board, hereby grants to

6106 RESOURCES LIMITED

(Licensee)

329 HOWE STREET, VANCOUVER, BC V6C 3N2

(Mailing Address)

hereinafter called the Licensee, the right to alter, divert or otherwise use water or dispose of Waste for a period subject to restrictions and conditions contained within this Licence:

Licence Number/Type: **2BE-HLP2631 / TYPE B**

Water Management Area: **MAGUSE (11) AND FERGUSON (12) WATERSHEDS**

Location: **HOOK LAKE PROJECT, KIVALLIQ REGION, NUNAVUT**

Classification: **MINING UNDERTAKING (EXPLORATION)**

Purpose: **DIRECT USE OF WATER AND DEPOSIT OF WASTE**

Quantity of Water use not to Exceed: **FIFTY (50) CUBIC METRES PER DAY**

Date of Licence Issuance: **AUGUST 07, 2026**

Expiry of Licence: **AUGUST 06, 2031**

This Licence, issued and recorded at Gjoa Haven, Nunavut, includes and is subject to the annexed conditions.

Lootie Toomasie
Nunavut Water Board, Chair

PART A: SCOPE, DEFINITIONS AND ENFORCEMENT

1. Scope

This Licence allows for the use of Water and the deposit of Waste for a Mining undertaking classified as per Schedule 1 of the *Regulations* at the Hook Lake Project, located approximately 140 km northwest of the community of Arviat within the Kivalliq Region, Nunavut.

- a. This Licence is issued subject to the conditions contained herein with respect to the taking of Water and the deposit of Waste of any type in any Waters or in any place under any conditions where such Waste or any other Waste that results from the deposits of such Waste may enter any Waters. Whenever new *Regulations* are made or existing *Regulations* are amended by the Governor in Council under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, or other statutes imposing more stringent conditions relating to the quantity or type of Waste that may be so deposited or under which any such Waste may be so deposited, this Licence shall be deemed, upon promulgation of such *Regulations*, to be subject to such requirements; and
- b. Compliance with the terms and conditions of this Licence does not absolve the Licensee from responsibility for compliance with the requirements of all applicable Federal, Territorial and Municipal legislation.

2. Definitions

“**Act**” means the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;

“**Addendum**” means the supplemental text that is added to a full plan or report usually included at the end of the document and is not intended to require a full resubmission of the revised report;

“**Amendment**” means a change to original terms and conditions of this Licence requiring correction, addition or deletion of specific terms and conditions of the Licence; modifications inconsistent with the terms of the set terms and conditions of the Licence;

“**Applicant**” means the Licensee;

“**Appurtenant Undertaking**” means an undertaking in relation to which a use of water or a deposit of Waste is permitted by a licence issued by the Board;

“**Board**” means the Nunavut Water Board established under the *Nunavut Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*;

“**Closure and Reclamation Plan**” or “**Abandonment and Restoration Plan**” means a Plan developed to reach the closure goal and taking in account the “Guidelines for the

Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories” 2013;

“**Effluent**” means treated or untreated liquid Waste material that is discharged into the environment from a structure such as a settling pond, landfarm or a treatment plant;

“**Engineer**” means a professional engineer registered to practice in Nunavut in accordance with the *Consolidation of Engineers and Geoscientists Act S. Nu 2008, c.2* and the *Engineering and Geoscience Professions Act S.N.W.T. 2006, c.16 Amended by S.N.W.T. 2009, c.12*;

“**Greywater**” means all liquid Wastes from showers, baths, sinks, kitchens and domestic washing facilities, but does not include toilet Wastes;

“**High Water Mark**” means the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land (ref. Department of Fisheries and Oceans Canada, Operational Statement: Mineral Exploration Activities);

“**ICP Scan**” means the laboratory method for determining trace metals in water through Emission Spectroscopy using inductively coupled plasma (including from approximately 22 to 32 elements, depending on the laboratory performing the analysis);

“**Inspector**” means an Inspector designated by the Minister under Section 85 (1) of the Act;

“**Licensee**” means the holder of this Licence;

“**Modification**” means an alteration to a physical work that introduces a new structure or eliminates an existing structure and does not alter the purpose or function of the work, but does not include an expansion;

“**Nunavut Agreement**” means the “*Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada*”, including its preamble and schedules, and any amendments to that agreement made pursuant to it;

“**Regulations**” means the *Nunavut Waters Regulations* SOR/2013-69 18th April, 2013;

“**Secondary Containment**” means an impermeable structure, external to and separate from primary containment, which prevents unplanned spills of hazardous materials and provides a minimum capacity of 110% of the original vessel. Where multiple vessels are stored within the containment, it must provide a minimum capacity equal to the sum of the largest vessel and 10% of the aggregate volume of all other vessels located in the containment. This structure shall also provide containment and control of hoses and nozzles;

“Sewage” means all toilet Wastes and greywater;

“Spill Contingency and Fuel Management Plan” means a Plan developed to deal with unforeseen petroleum and hazardous materials events that may occur during the operations conducted under the Licence;

“Sump” or “Sumps” A structure or depression that collects, controls, and filters liquid Waste before it is released to the environment. This structure should be designed to prevent erosion while allowing percolation of liquid Waste;

“Toilet Wastes” means all human excreta and associated products, but does not include greywater;

“Waste” means, as defined in s. 4 of the *Act*, any substance that, by itself or in combination with other substances found in water, would have the effect of altering the quality of any water to which the substance is added to an extent that is detrimental to its use by people or by any animal, fish or plant, or any water that would have that effect because of the quantity or concentration of the substances contained in it or because it has been treated or changed, by heat or other means;

“Water” or “Waters” means waters as defined in section 4 of the *Act*.

3. **Enforcement**

- a. Failure to comply with this Licence will be a violation of the *Act*, subjecting the Licensee to the enforcement measures and the penalties provided for in the *Act*;
- b. All inspection and enforcement services regarding this Licence will be provided by Inspectors appointed under the *Act*; and
- c. For the purpose of enforcing this Licence and with respect to the use of water and deposit or discharge of Waste by the Licensee, Inspectors appointed under the *Act*, hold all powers, privileges and protections that are conferred upon them by the *Act* or by other applicable law.

PART B: GENERAL CONDITIONS

1. The Water use fees for the right to the use of Water shall be paid annually in accordance with Section 12 of the *Regulations*.
2. The Licensee shall file an Annual Report on the Appurtenant Undertaking with the Board no later than March 31st of the year following the calendar year being reported, containing the following information:
 - a. A summary report of Water use and Waste disposal activities for the reporting

- period including the following:
- b. Quantity of Water (in cubic metres/year) obtained for all purposes from sources on, in or flowing through Inuit-Owned Lands;
 - c. Quantity of Water (in cubic metres/year) obtained for all purposes from sources on, in or flowing through Crown Lands;
 - d. Quantity of Waste disposed of on-site;
 - e. Quantity of Waste backhauled to approved facility for disposal;
 - f. A list of unauthorized discharges and a summary of follow-up actions taken;
 - g. Any revisions to the Spill Contingency Plan, Abandonment and Restoration Plan, as required by Part B, Item 7, submitted in the form of an Addendum;
 - h. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;
 - i. Report all artesian flow occurrences as required under Part F, Item 4;
 - j. Details pertaining to locations of sump(s) and drill holes;
 - k. A summary of all information requested and results of the Monitoring Program;
 - l. A summary, including photographic records before, during and after any relevant construction activities or Modifications and/or major maintenance work carried out on facilities under this Licence and an outline of any work anticipated for the next year;
 - m. Detailed discussion on the performance, installation, and evaluation, including the use of photographic record, of the primary and secondary containment functions used in fuel storage to safeguard impacts to freshwaters;
 - n. A summary of public consultation/participation, describing consultation with local organizations and residents of the nearby communities, if any were conducted;
 - o. Any other details on Water use or Waste disposal requested by the Board by the 1st November of the year being reported.
3. The Licensee shall notify the NWB of any changes in operating plans or conditions associated with this project at least thirty (30) days prior to any such change.
 4. The Licensee shall install flow meters or other such devices, or implement suitable methods required for the measuring of Water volumes as required under Part J, Item 1.
 5. The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted, cannot be undertaken without subsequent written Board approval and direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection or alteration of the Plan.
 6. The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board in writing.
 7. The Licensee shall review the Plans referred to in this Licence, as required by changes in operation and/or technology, and modify the Plans accordingly. Revisions to the Plans shall be submitted in the form of an Addendum to be included with the Annual Report.

8. Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and conditions imposed upon approval of a Plan by the Board become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.
9. The Licensee shall ensure a copy of this Licence is maintained at the site of operations at all times. Any communication with respect to this Licence shall be made in writing to the attention of:
 - (a) **Manager of Licensing:**
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Telephone: (867) 360-6338
Fax: (867) 360-6369
Email: licensing@nwb-oen.ca
 - (b) **Inspector Contact:**
Manager of Field Operations, CIRNAC
Nunavut District, Nunavut Region
918 Nunavut Drive
Iqaluit, NU X0A 3H0
Telephone: (867) 975-4284
Fax: (867) 979-6445
10. The Licensee shall submit an electronic copy of all reports, studies, and plans to the Board. Reports or studies submitted to the Board by the Licensee shall include a detailed executive summary in Inuktitut.
11. The Licensee shall ensure that all documents or correspondence submitted by the Licensee to the NWB are received and acknowledged by the Manager of Licensing.
12. This Licence is assignable as provided for in Section 44 of the *Act*.
13. The expiry or cancellation of this Licence does not relieve the Licensee from any obligation imposed by the Licence, or any other regulatory requirement.

PART C: CONDITIONS APPLYING TO WATER USE

1. The Licensee shall obtain Water from local source(s), proximal to the camp and drilling targets. Water for camp use shall not exceed twenty (20) cubic metres per day, and Water for drilling purposes shall not exceed thirty (30) cubic metres per day. The volume of Water for all purposes under this Licence shall not exceed fifty (50) cubic metres per day.

2. The use of Water from streams or any water bodies not identified in Part C, Item 1, is prohibited unless authorized and approved by the Board in writing.
3. The withdrawal of Water from any stream shall not exceed ten (10) per cent of the low flow of that stream unless approved by the Board in writing.
4. Where the use of Water is of a sufficient volume that the source water body may be drawn down, the Licensee shall submit, for approval of the Board in writing, the following information: the volume required, a hydrological overview of the water body, details of impacts, and proposed mitigation measures.
5. The Licensee shall submit to the Board for approval in writing, the following information at least thirty (30) days prior to the use of Water of a sufficient volume that the source water body may be drawn down: volume required, hydrological overview of the water body, details of impacts, and proposed mitigation measures.
6. The Licensee shall equip all water intake hoses with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw Water at a rate such that fish do not become impinged on the screen.
7. The Licensee shall not conduct any work below the ordinary High Water Mark of any water body unless approved by the Board in writing.
8. The Licensee shall not cause erosion to the banks of any water body and shall provide necessary controls to prevent such erosion.
9. Sediment and erosion control measures shall be implemented prior to and maintained during the undertaking to prevent entry of sediment into Water.

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

1. The Licensee shall implement the Plan entitled *Waste Management Plan, 6106 Resources Limited*, dated June 2026, that was submitted as additional information with the Application and has been approved by the Board with the issuance of the Licence.
2. The Licensee shall submit an updated Waste Management Plan with the 2026 Annual Report for Board's review to include Application review comments and recommendations.
3. The Licensee shall locate areas designated for Waste disposal at a minimum distance of thirty-one (31) metres from the ordinary High Water Mark of any water body such that the quality, quantity or flow of Water is not impaired, unless otherwise approved by the Board in writing.
4. The Licensee shall not practice on-site land filling of domestic Waste, unless otherwise approved by the Board in writing.

5. The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of Waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding Waters, unless otherwise approved by the Board in writing.
6. The Licensee shall provide to the Board, documented authorization from the receiving community prior to the backhauling and disposal of any Waste.
7. The Licensee shall backhaul and dispose of all hazardous Wastes, Waste oil and non-combustible Waste generated through the course of the operation at a licensed Waste disposal site in accordance with applicable sections of “*The Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations*”.
8. The Licensee shall maintain records of all Waste backhauled and records of confirmation of proper disposal of backhauled Waste. These records shall be made available to an Inspector upon request.
9. The Licensee shall contain all greywater in a Sump located at a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any water body, at a site where direct flow into a water body is not possible and no additional impacts are created, unless otherwise approved by the Board in writing.
10. The Licensee shall contain all Toilet Wastes in latrine pits or use incineration, chemical, portable or composting toilets. Latrine pits shall be located at a distance of at least thirty-one (31) metres above the ordinary High Water Mark of any water body, treated with lime and covered with native material to achieve the pre-existing natural contours of the land prior to abandonment.

PART E: CONDITIONS FOR CAMPS, ACCESS INFRASTRUCTURES AND OPERATIONS

1. The Licensee shall not erect camps or store material on the surface of frozen streams or lakes including the immediate banks except what is for immediate use. Camps shall be located such as to minimize impacts on surface drainage.
2. The Licensee shall conduct all activities in such a way as to minimize impacts on surface drainage and the Licensee shall immediately undertake corrective measures in the event of any impacts on surface drainage.
3. Stream crossing shall be a minimum of five hundred (500) meters from spawning areas.
4. With respect to access road, pad construction or other earthworks, the deposition of debris or sediment into or onto any water body is prohibited. These materials shall be disposed a distance of at least thirty-one (31) metres from the ordinary High Water Mark in such a fashion that they do not enter the Water.

5. The Licensee shall not mobilize heavy equipment or vehicles for trenching or other activities unless the ground surface is capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles shall be suspended if rutting occurs.

PART F: CONDITIONS APPLYING TO DRILLING OPERATIONS

1. The Licensee shall not conduct any land-based drilling within thirty-one (31) metres of the ordinary High Water Mark of any water body, unless otherwise approved by the Board in writing.
2. The Licensee shall dispose of all drill waste, including Water, chips, muds and salts (CaCl₂) in any quantity or concentration, from land-based and on-ice drilling, in a properly constructed Sump or an appropriate natural depression located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created.
3. Drill mud solids or cuttings with a uranium concentration greater than 0.05 percent are either to be collected and then disposed of down the drill hole and sealed or collected and stored in appropriate containers. The containers shall be placed in appropriate secondary containment in such a way they are not exposed to weather and shall be removed from the project area to an approved disposal facility 3 years or prior to completion of Project.
4. If artesian flow is encountered, drill holes shall be immediately sealed and permanently capped to prevent induced contamination of groundwater or salinization of surface Waters. The Licensee shall report all artesian flow occurrences within the Annual Report, including the location (GPS coordinates) and dates.
5. Drilling additives or mud shall not be used in connection with holes drilled through lake ice unless they are re-circulated or contained such that they do not enter the Water, or are demonstrated to be non-toxic.
6. For on-ice drilling where drill additives are not being used, return Water released must be non-toxic, and not result in an increase in total suspended solids in the immediate receiving Waters, above the Canadian Council of Ministers for the Environment, Guidelines for the Protection of Freshwater Aquatic Life (i.e. 10 mg/L for lakes with background levels under 100 mg/L, or 10% for those above 100 mg/L).
7. The Licensee shall establish water quality conditions prior to and upon completion of any drilling program through lake ice.

PART G: CONDITIONS APPLYING TO MODIFICATIONS

1. The Licensee may without written consent from the Board, carry out Modifications to the water supply facilities and waste disposal facilities provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:
 - a. the Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications;
 - b. such Modifications do not place the Licensee in contravention of the Licence or the *Act*;
 - c. such Modifications do not constitute “significant modifications” that require conformity assessment by the Nunavut Planning Commission and/or impact assessment by the Nunavut Impact Review Board before consideration by the NWB;
 - d. within sixty (60) days following notification of the proposed Modifications, the Licensee, Nunavut Planning Commission, Nunavut Impact Review Board, designated Inuit organization or responsible regulatory authority has not indicated that any conformity determination, impact assessment, compensation negotiations or other consideration of the Modification that must be completed before the NWB can consider the Modification will take longer than 45 days; and
 - e. within sixty (60) days following notification of the proposed Modifications, the Board has not indicated that a written approval is required or rejected the proposed Modifications.
2. Modifications for which all of the conditions referred to in Part G, Item 1 have not been met can be carried out only with written approval from the Board.
3. The Licensee shall provide as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the Modification. These plans and drawings shall be stamped by an Engineer.

PART H: CONDITIONS APPLYING TO SPILL CONTINGENCY PLANNING

1. The Licensee shall implement the Plan entitled *Fuel Spill Contingency Plan, Hook Lake Project, Nunavut*, dated July 15, 2026, that was submitted as additional information with the Application and has been approved by the Board with the issuance of the Licence.
2. The Licensee shall review the Plan referred to in Part H, Item 1 as required by changes in operation and/or technology and modify the Plan accordingly. Revisions to the Plan are to be submitted in the form of an Addendum, to be included with the Annual Report.
3. The Licensee shall prevent any chemicals, petroleum products or Wastes associated with the Project from entering Water. All Sumps and fuel caches shall be located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body and inspected on a regular basis.

4. The Licensee shall conduct any equipment maintenance and servicing in designated areas and shall implement special procedures (such as the use of drip pans) to manage motor fluids and other Waste and contain potential spills.
5. If during the term of this Licence, an unauthorized discharge of Waste occurs, or if such a discharge is foreseeable, the Licensee shall:
 - a. Employ the approved Spill Contingency Plan;
 - b. Report the spill immediately via the [online Spill Report Webform](#) or by calling NWT/NU 24-Hour Spill Reporting Line at (867) 920-8130, and the Inspector at (867) 975-4284; and
 - c. For each spill occurrence, submit to the Inspector, no later than thirty (30) days after initially reporting the event, a detailed report that will include the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain and clean up the spill site.
6. The Licensee shall, in addition to Part H, Item 5, regardless of the quantity of releases of harmful substances, report to the NWT/NU 24-Hour Spill Line if the release is near or into a water body.

PART I: CONDITIONS APPLYING TO CLOSURE AND RECLAMATION OR TEMPORARY CLOSURE

1. The Licensee shall implement the Plan entitled *Abandonment and Restoration Plan, 6106 Resources Limited, Hook Lake Project, Nunavut*, dated October 1, 2025, that was submitted as additional information with the Application and has been approved by the Board with the issuance of the Licence.
2. The Licensee shall complete all restoration work prior to the expiry of this Licence.
3. The Licensee shall carry out progressive reclamation of any components of the Project no longer required for the Licensee's operations.
4. The Licensee shall remove from the site, all infrastructure and site materials, including all fuel caches, drums, barrels, buildings and contents, docks, water intakes, pumps and lines, material and equipment prior to the expiry of this Licence.
5. All roads and airstrips, if any, shall be re-graded to reduce erosion and sedimentation to Water.
6. The Licensee shall remove any culverts and restore the drainage to match the natural channel. Measures shall be implemented to minimize erosion and sedimentation.

7. In order to promote growth of vegetation and the needed microclimate for seed deposition, all disturbed surfaces shall be prepared by ripping, grading, or scarifying the surface to conform to the natural topography.
8. Areas that have been contaminated by hydrocarbons from normal fuel transfer procedures shall be reclaimed to meet objectives as outlined in the Government of Nunavut's Environmental Guideline for Site Remediation, 2010. The use of reclaimed soils for the purpose of back fill or general site grading may be carried out only upon consultation and approval by the Government of Nunavut, Department of Environment and an Inspector.
9. The Licensee shall restore all drill holes and disturbed areas to natural conditions immediately upon completion of the drilling. The restoration of drill holes must include the removal of any drill casing materials and if having encountered artesian flow, the capping of holes with a permanent seal. Where drill casings cannot be removed the Licensee shall cut off the casings at ground level and identify with signage.
10. The Licensee may leave the casings on site, if it intends to continue drilling in existing casings, but shall add signaling to keep the area safe for the other territory users. The drill casings left cannot stay on the field for more than 2 years after the drilling.
11. The Licensee may store drill core produced by the appurtenant undertaking in an appropriate manner and location at least thirty-one (31) metres above the ordinary High Water Mark of any adjacent water body, where any direct flow into a water body is not possible and no additional impacts are created.
12. The Licensee shall contour and stabilize all disturbed areas to reduce erosion and sedimentation to Water, upon completion of work upon completion of the undertaking and as per Part I, Item 3.

PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM

1. The Licensee shall measure and record, in cubic metres, the daily quantities of Water used for drilling and all other purposes.
2. The Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where sources of Water are utilized for all purposes.
3. The Licensee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where Wastes associated with drilling operations are deposited.
4. The Licensee shall obtain representative samples of the Water column below any ice where required under Part F, Item 6 and 7. Monitoring shall include but not be limited to the following:

Total Suspended Solids

pH

Electrical Conductivity,

Total Trace Metals as determined by a standard ICP Scan (to include at a minimum, the following elements: Al, Sb, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Li, Mn, Mo, Ni, Se, Sn, Sr, Tl, Ti, U, V, Zn), and

Trace Arsenic and Mercury

5. All sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of *Standard Methods for the Examination of Water and Wastewater*, or by such other methods approved by the Board in writing.
6. All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.
7. The Licensee shall include in the Annual Report required under Part B, Item 2 all data, monitoring results and information required by this Part.
8. An Inspector may impose additional monitoring requirements.