

**Type B Water Licence S24L3-001**  
**Great Bear Lake Lodge Ltd. – Domestic Activities, Outfitting Camp**

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## Part A: Scope and Defined Terms

Scope:	Condition Title
1. This Licence entitles the Licensee to use Water and deposit Waste for municipal undertakings activities at Great Bear Lake Lodge, located along Dease Arm of Great Bear Lake, Northwest Territories.	<b>SCOPE</b>
The scope of this Licence includes the following:	
a) Withdrawal of Water for domestic activities; b) Deposit of Waste to the Solid Waste Disposal Facilities; c) Deposit of Waste to the Sewage Disposal Facilities; d) Construction, operation and maintenance of the Solid Waste Disposal Facilities; e) Construction, operation and maintenance of the Sewage Disposal Facilities; f) Construction, operation and maintenance of the Water Withdrawal Facilities; and g) Progressive Reclamation and associated Closure and Reclamation activities.	
2. The scope of the Project is as described in the Preliminary Screening Determination for S12L3-002, dated June 3, 2024.	<b>SCOPE – PRELIMINARY SCREENING</b>
3. This Licence is issued subject to the conditions contained herein with respect to the use of Water and the deposit of Waste 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. Any change made to the <i>Waters Act</i> and/or Waters Regulations that affects licence conditions and defined terms will be deemed to have amended this Licence.	<b>LEGISLATION SUBJECT TO CHANGE</b>
4. Compliance with this Licence does not relieve the Licensee from responsibility for compliance with the requirements of any applicable federal, territorial, or municipal legislation.	<b>LEGISLATIVE COMPLIANCE</b>

## Defined Terms:<sup>1</sup>

**Analyst** – an Analyst designated by the Minister under subsection 65(1) of the *Waters Act*.

**Board** – the Mackenzie Valley Land and Water Board established under subsection 99(1) of the *Mackenzie Valley Resource Management Act*.

**Closure Cost Estimate** - an estimate of the cost to close and reclaim the Project.

**Closure and Reclamation** – the process and activities that facilitate the return of areas affected by the Project to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment and human activities.

**Closure and Reclamation Plan (CRP)** – a document, developed in accordance with this Licence, that clearly describes the Closure and Reclamation for the Project.

**Construction** – any activities undertaken during any phase of the Project to construct, build, upgrade, or replace any structures, facilities, or components of, or associated with, the Project.

**Discharge** – a direct or indirect deposit or release of any Water or Waste to the Receiving Environment.

**Effluent** – a Wastewater Discharge.

**Engagement Plan** – a document, developed in accordance with the MVLWB *Engagement and Consultation Policy* and the *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*, that clearly describes how, when, and which engagement activities will occur with an affected party during the life of the Project.

**Greywater** – all liquid Waste from showers, baths, sinks, kitchens, and domestic washing facilities, but does not include Toilet Waste.

**Inspector** – an Inspector designated by the Minister under subsection 65(1) of the *Waters Act*.

**Licensee** – the holder of this Licence.

**Minister** – the Minister of the Government of the Northwest Territories (GNWT) – Environment and Natural Resources.

**Ordinary High-Water Mark** – the usual or average level to which a Watercourse rises at its highest point and remains for sufficient time so as to change the characteristics of the land. In flowing Watercourses (rivers, streams), this refers to an active channel/bank-full level, which is often the 1:2-year flood flow return level. In inland lakes,

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<sup>1</sup> Defined terms are capitalized throughout the License, including when used in other definitions.

## Defined Terms:<sup>1</sup>

wetlands or marine environments, it refers to those parts of the Watercourse bed and banks that are frequently flooded by Water so as to leave a mark on the land and where the natural vegetation changes from predominantly aquatic vegetation to terrestrial vegetation (excepting Water tolerant species). For reservoirs, this refers to normal high operating levels (full supply level).

**Progressive Reclamation** – Closure and Reclamation activities conducted during the operating phase of the Project.

**Project** – the undertaking described in Part A, Conditions 1 and 2.

**Receiving Environment** – the natural environment that, directly or indirectly, receives any deposit of Waste from the Project.

**RECLAIM** – the Government of the Northwest Territories' model for estimating Closure and Reclamation costs.

**Runoff** – the overland flow of Water or Wastewater that occurs when precipitation, meltwater, or other Water is not absorbed by the land.

**Seepage** – any Water or Waste that drains, passes through, or escapes from any structure designed to contain, withhold, divert, or retain Water or Waste.

**Sewage** – all Toilet Wastes and Greywater.

**Sewage Disposal Facilities** – the area(s) and structures designated to contain and treat Sewage.

**Solid Waste Disposal Facilities** – the area(s) and structures designated to contain solid Waste.

**Spill Contingency Plan (SCP)** – a document developed for the Project in accordance with INAC's *Guidelines for Spill Contingency Planning*.

**Surveillance Network Program (SNP)** – a monitoring program required by this Licence and detailed in Annex A.

**Toilet Wastes** – all human excreta and associated products, not including Greywater.

**Traditional Knowledge** – the cumulative, collective body of knowledge, experience and values built up by a group of people through generations of living in close contact with nature. It builds upon the historic experiences of a people and adapts to social, economic, environmental, spiritual, and political change.

**Unauthorized Discharge** – a Discharge of any Water or Waste not authorized under this Licence

## Defined Terms:<sup>1</sup>

**Waste** – as defined in section 1 of the *Waters Act*:

- a) a substance that, if added to water, would degrade or alter or form part of a process of degradation or alteration of the quality of the water to an extent that is detrimental to its use by people or by an animal, fish or plant, or
- b) water that contains a substance in such a quantity or concentration, or that has been so treated, processed or changed, by heat or other means, that it would, if added to other water, degrade or alter or form part of a process of degradation or alteration of the quality of that water to the extent described in paragraph (a), and includes
- c) a substance or water that, for the purposes of the *Canada Water Act*, is deemed to be waste,
- d) a substance or class of substances prescribed by regulations made under subparagraph 63(1)(b)(i),
- e) water that contains a substance or class of substances in a quantity or concentration that is equal to or greater than a quantity or concentration prescribed in respect of that substance or class of substances by regulations made under subparagraph 63(1)(b)(ii), and
- f) water that has been subjected to a treatment, process or change prescribed by regulations made under subparagraph 63(1)(b)(iii).

**Waste Disposal Facilities** – the area(s) and structures designated for the disposal of Waste, including, but not limited to, the Sewage Disposal Facilities and Solid Waste Disposal Facilities.

**Waste Management Plan (WMP)** – a document, developed in accordance with the MVLWB *Guidelines for Developing a Waste Management Plan*, that describes the methods of Waste management for the Project from Waste generation to final disposal.

**Wastewater** – any Water that is generated by Project activities or originates on-site, and which contains Waste, and may include, but is not limited to, Runoff, Seepage, Sewage, Minewater, and Effluent.

**Water** – as defined in section 1 of the *Waters Act*: water under the administration and control of the Commissioner, whether in a liquid or frozen state, on or below the surface of land.

**Watercourse** – as defined in section 1 of the Waters Regulations: a natural watercourse, body of Water or Water supply, whether usually containing Water or not, and includes Groundwater, springs, swamps, and gulches.

**Water Management Area** – a geographical area of the Northwest Territories established by section 2 and Schedule A of the Waters Regulations.

**Waters Regulations** – the regulations proclaimed pursuant to section 63 of the *Waters Act*.

**Water Supply Facilities** – the area(s) and structures designed to collect and supply Water for the Project.

**Water Use** – as defined in section 1 of the *Waters Act*: a direct or indirect use of any kind, including, but not limited to,

- a) a diversion or obstruction of waters,

## Defined Terms:<sup>1</sup>

- b) an alteration of the flow of waters, and
- c) an alteration of the bed or banks of a river, stream, lake or other body of water, whether or not the body of water is seasonal, but does not include a use connected with shipping activities that are governed by the *Canada Shipping Act, 2001*.

## Part B: General Conditions

Condition	Condition Title
1. The Licensee shall ensure a copy of this Licence is maintained on site at all times.	COPY OF LICENCE
2. The Licensee shall take every reasonable precaution to protect the environment.	PRECAUTION TO PROTECT ENVIRONMENT
3. In conducting its activities under this Licence, the Licensee shall make every reasonable effort to consider and incorporate any scientific information and Traditional Knowledge that is made available to the Licensee.	INCORPORATE SCIENTIFIC INFORMATION AND TRADITIONAL KNOWLEDGE
4. In each submission required by this Licence or by any directive from the Board, the Licensee shall identify all recommendations based on Traditional Knowledge received, describe how the recommendations were incorporated into the submission, and provide justification for any recommendation not adopted.	IDENTIFY TRADITIONAL KNOWLEDGE
5. All references to policies, guidelines, codes of practice, statutes, regulations, or other authorities shall be read as a reference to the most recent versions, unless otherwise noted.	REFERENCES
6. The Licensee shall ensure all submissions to the Board: a) Are in accordance with the LWB <i>Document Submission Standards</i> and, if applicable, <i>Geospatial Data Submissions Standards</i> ; and b) Include any additional information requested by the Board	SUBMISSION FORMAT
7. The Licensee shall ensure management plans are submitted to the Board in a format consistent with the MVLWB <i>Standard Outline for Management Plans</i> , unless otherwise specified.	MANAGEMENT PLAN FORMAT
8. The Licensee shall comply with all plans, programs, manuals, and studies, including revisions, approved pursuant to the conditions of this Licence.	COMPLY WITH SUBMISSIONS AND REVISIONS
9. The Licensee shall conduct an annual review of all plans, programs, manuals and studies, and make any revisions necessary to reflect changes in operations, contact information, or other details. No later than December 1 each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.	ANNUAL REVIEW

10.	The Licensee may propose changes at any time by submitting revised plans, programs, manuals or studies, that require Board approval to the Board, for approval, a minimum of 90 days prior to the proposed implementation date for the changes. The Licensee shall not implement the changes until approved by the Board.	REVISIONS
11.	The Licensee shall revise any submission and submit it as per the Board's directive.	REVISE AND SUBMIT
12.	If any date for any submission falls on a weekend or holiday, the Licensee may submit the item on the following business day.	SUBMISSION DATE
13.	The Licensee shall comply with the <b>Schedules</b> , which form part of this Licence, and any updates to the Schedules as may be made by the Board.	COMPLY WITH SCHEDULE(S)
14.	The Licensee shall comply with the <b>Surveillance Network Program</b> , set out in Schedule 1, and any updates to the Surveillance Network Program as may be made by the Board.	COMPLY WITH SURVEILLANCE NETWORK PROGRAM
15.	The Schedules and any compliance dates specified in this Licence may be updated at the discretion of the Board.	UPDATES TO SCHEDULES AND COMPLIANCE DATE(S)
16.	The Licensee shall comply with all directives issued by the Board in respect of the implementation of the conditions of this Licence.	COMPLY WITH BOARD DIRECTIVES
17.	The Licensee shall ensure signs are posted for all active Surveillance Network Program stations. All sign(s) shall be located and maintained to the satisfaction of an Inspector.	POST SURVEILLANCE NETWORK PROGRAM SIGN(S)
18.	The Licensee shall install, operate, and maintain meters, devices, or other such methods for measuring the volumes of Water used and Waste discharged to the satisfaction of an Inspector.	MEASURE WATER USE AND WASTE DISCHARGED
19.	Beginning December 1, 2024 and no later than every December 1 thereafter, the Licensee shall submit an <b>Annual Water Licence Report</b> to the Board and an Inspector. The Report shall be in accordance with the requirements of Schedule 2, Condition 1.	ANNUAL WATER LICENCE REPORT
20.	By December 1, 2024 the Licensee shall submit to the Board, for approval, a revised <b>Engagement Plan</b> .	ENGAGEMENT PLAN - REVISED
21.	A minimum of ten days prior to re-commencement of Project activities following a temporary shut-down period, the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the commencement date,	NOTIFICATION – RE-COMMENCEMENT



and the name and contact information for the individual responsible for overseeing the Project. Written notification shall be provided to the Board and an Inspector if any changes occur.

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| 22. | The Licensee shall immediately provide written notification to the Board and an Inspector of any non-compliance with the conditions of this Licence.                                             | <b>NOTIFICATION – NON-COMPLIANCE WITH CONDITIONS</b> |
| 23. | The Licensee shall immediately provide written notification to the Board of any non-compliance with a Board directive issued in respect of the implementation of the conditions of this Licence. | <b>NOTIFICATION – NON-COMPLIANCE WITH DIRECTIVES</b> |
| 24. | The Licensee shall ensure that a copy of any written authorization issued to the Licensee by an Inspector is provided to the Board.                                                              | <b>COPY – WRITTEN AUTHORIZATION</b>                  |

### **Part C: Security**

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| 1. | The Licensee shall post and maintain a security deposit with the Minister in accordance with Schedule 3. The Licensee shall not commence activities until the security deposit has been accepted by the Minister.                                                                                                                                                                            | <b>POST SECURITY DEPOSIT</b>         |
| 2. | Upon request of the Board, the Licensee shall submit an updated Closure Cost Estimate using the current version of RECLAIM or another method acceptable to the Board.                                                                                                                                                                                                                        | <b>UPDATE CLOSURE COST ESTIMATE</b>  |
| 3. | The amount of the security deposit required by Part C, Condition 1 (POST SECURITY DEPOSIT) may be adjusted by the Board: <ul style="list-style-type: none"> <li>a) Based on an updated Closure Cost Estimate as per Part C, Condition 2 (UPDATE CLOSURE COST ESTIMATE); or</li> <li>b) Based on such other information as may become available to the Board.</li> </ul>                      | <b>ADJUSTED SECURITY AMOUNT</b>      |
| 4. | If the amount of the security deposit is adjusted by the Board as per Part C, Condition 3 (ADJUSTED SECURITY AMOUNT), the Licensee shall post the adjusted amount with the Minister within the timeframe set by the Board. The Licensee shall not commence any new activities associated with a security adjustment until the additional security deposit has been accepted by the Minister. | <b>POST ADJUSTED SECURITY AMOUNT</b> |
| 5. | Unless otherwise approved by the Board, the Licensee may not submit security adjustment requests except with any of the following submissions: <ul style="list-style-type: none"> <li>a) Closure and Reclamation Plans;</li> <li>b) Closure and Reclamation Completion Reports; or</li> <li>c) Performance Assessment Reports.</li> </ul>                                                    | <b>SECURITY ADJUSTMENT REQUESTS</b>  |

## Part D: Water Use

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| 1. | The Licensee shall only obtain Water for the Project from Great Bear Lake. The Licensee may withdraw up to 2440m <sup>3</sup> /year of Water from this source.                                                                                                                                                                                                                                                             | <b>WATER SOURCE AND<br/>MAXIMUM VOLUME</b> |
| 2. | The Licensee shall only withdraw Water using the Water Supply Facilities, unless otherwise authorized temporarily in writing by an Inspector.                                                                                                                                                                                                                                                                              | <b>WATER WITHDRAWAL –<br/>FACILITIES</b>   |
| 3. | Prior to withdrawing Water from an approved Water source, the Licensee shall post sign(s) to identify the intake for the Water Supply Facilities. All sign(s) shall be located and maintained to the satisfaction of an Inspector.                                                                                                                                                                                         | <b>POST WATER INTAKE<br/>SIGN(S)</b>       |
| 4. | The Licensee shall construct and maintain the Water intake(s) with a screen designed to prevent impingement or entrapment of fish. The screen shall be in accordance with the best practices outlined in Fisheries and Oceans Canada’s <i>Interim Code of Practice: End-of-Pipe Fish Protection Screens for Small Water Intakes in Freshwater</i> and <i>Fish Screen Design Criteria for Flood and Water Truck Pumps</i> . | <b>WATER INTAKE SCREEN</b>                 |

## Part E: Construction

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 1. | The Licensee shall ensure that all structures intended to contain, withhold, divert, or retain Water or Waste are designed, constructed, and maintained to minimize the escape of Waste to the Receiving Environment.                                                                                                                                                                                                                                                                                                                             | <b>OBJECTIVE –<br/>CONSTRUCTION</b>                        |
| 2. | The Licensee shall only use material that is clean and free of contaminants and has been authorized in writing by an Inspector.                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>CONSTRUCTION<br/>MATERIAL – SOURCE(S)</b>               |
| 3. | Unless otherwise authorized in writing by an Inspector, a minimum of 90 days prior to the commencement of Construction of all structures, excluding Engineered Structures, intended to contain, withhold, divert, or retain Water or Wastes, the Licensee shall submit to the Board, for approval, a <b>Structure Description and Construction Plan</b> . The Plan shall be in accordance with the requirements of Schedule 4, Condition 1. The Licensee shall not commence Construction of the structure(s) prior to Board approval of the Plan. | <b>STRUCTURE<br/>DESCRIPTION AND<br/>CONSTRUCTION PLAN</b> |
| 4. | A minimum of ten days prior to the commencement of Construction of any structure(s) intended to contain, withhold, divert, or retain Water or Wastes, the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the Construction commencement date, and the name and contact information for the individual responsible for overseeing the Construction. Written notification shall be provided to the Board and an Inspector if any changes occur.                                               | <b>NOTIFICATION –<br/>CONSTRUCTION</b>                     |

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| 5. | The Licensee shall ensure that all structures intended to contain, withhold, divert, or retain Water or Wastes, excluding Engineered Structures, are constructed in accordance with the approved <b>Structure Description and Construction Plan(s)</b> . | <b>CONSTRUCT AS<br/>DESIGNED –<br/>STRUCTURE(S)</b> |
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### Part F: Waste and Water Management

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| 1. | The Licensee shall manage Waste and Water with the objective of minimizing the impacts of the Project on the quantity and quality of Water in the Receiving Environment through the use of appropriate mitigation measures, monitoring, and follow-up actions. | <b>OBJECTIVE – WASTE AND<br/>WATER MANAGEMENT</b> |
| 2. | The Licensee shall minimize erosion by implementing suitable erosion control measures that shall be located and maintained to the satisfaction of an Inspector.                                                                                                | <b>EROSION CONTROL</b>                            |

#### Management and Monitoring Plans

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| 3. | By December 1, 2024, the Licensee shall submit to the Board, for approval, a revised <b>Waste Management Plan</b> . | <b>WASTE MANAGEMENT<br/>PLAN - REVISED</b> |
|----|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|

#### Operation of Structures and Facilities

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| 4. | The Licensee shall operate and maintain the Waste Disposal Facilities to prevent structural failure and to the satisfaction of an Inspector. | <b>PREVENT STRUCTURAL<br/>FAILURE</b> |
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#### Discharge and Disposal Locations and Rates

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 5. | A minimum of ten days prior to disposing of any Waste into a licenced municipal facility for the calendar year, the Licensee shall provide written notification to the Board and an Inspector. | <b>NOTIFICATION – WASTE<br/>DISPOSAL</b> |
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### Part G: Aquatic Effects Monitoring

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### Part H: Spill Contingency Planning

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| 1. | The Licensee shall ensure that Unauthorized Discharges associated with the Project do not enter any Water.                                                   | <b>OBJECTIVE – PREVENT<br/>WASTE INTO WATER</b> |
| 2. | Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised <b>Spill Contingency Plan</b> . | <b>SPILL CONTINGENCY<br/>PLAN - REVISED</b>     |
| 3. | If a spill or an Unauthorized Release occurs or is foreseeable, the Licensee shall:                                                                          | <b>REPORT SPILLS</b>                            |

- a) Implement the approved **Spill Contingency Plan** referred to in Part H, Condition 2;
  - b) Report it immediately using the NU-NT Spill Report Form by one of the following methods:
    - Telephone: (867) 920-8130
    - E-mail: spills@gov.nt.ca
    - Online: Spill Reporting and Tracking Database
  - c) Notify the Board and an Inspector immediately; and
  - d) Within 30 days of initially reporting the incident, or within a timeframe authorized by an Inspector, submit a detailed report to the Board and an Inspector, including descriptions of causes, response actions, and any changes to procedures to prevent similar occurrences in the future. Written notification shall be provided to the Board and an Inspector if any changes occur.
4. The Licensee shall ensure that spill prevention infrastructure and spill response equipment is in place prior to commencement of the Project.
  5. The Licensee shall restore all areas affected by spills and Unauthorized Discharges to the satisfaction of an Inspector.
  6. The Licensee shall not establish any fuel storage facilities or refueling stations, or store chemicals or Wastes within 30 metres of the Ordinary High-Water Mark of any Watercourse, except in accordance with the approved Spill Contingency Plan.

**SPILL PREVENTION AND  
RESPONSE EQUIPMENT**

**CLEAN UP SPILLS**

**MATERIAL STORAGE –  
ORDINARY HIGH-WATER  
MARK**

## Part I: Closure and Reclamation

1. By December 1, 2024, the Licensee shall submit to the Board, for approval, a revised **Closure and Reclamation Plan**. The Plan shall be in accordance with the requirements of Schedule 5, Condition 1. The Licensee shall not commence activities described in the Plan prior to Board approval of the Plan.
2. Six months prior to the closure and reclamation of the Project, the Licensee shall submit to the Board, for approval, a final **Closure and Reclamation Plan**. The Plan shall be in accordance with the requirements of Schedule 5, Condition 1.
3. The Licensee shall endeavor to carry out approved Progressive Reclamation as soon as is reasonably practicable.
4. The Licensee shall not conduct Progressive Reclamation except as approved by the Board.

**CLOSURE AND  
RECLAMATION PLAN -  
REVISED**

**CLOSURE AND  
RECLAMATION PLAN -  
FINAL**

**PROGRESSIVE  
RECLAMATION**

**PROGRESSIVE  
RECLAMATION – CARRY  
OUT AS APPROVED**

5. Beginning May 1, 2022 and no later than every May 1 thereafter, the Licensee shall provide written notification to the Board and an Inspector of any approved Progressive Reclamation that will be conducted in the upcoming year. Notification shall include the name and contact information for the individual responsible for overseeing the Progressive Reclamation. Written notification shall be provided to the Board and an Inspector if any changes occur.

**PROGRESSIVE  
RECLAMATION –  
NOTIFICATION**

6. Within 90 days of completing Closure and Reclamation of the Project, the Licensee shall submit to the Board a **Closure and Reclamation Completion Report**. The Report shall be in accordance with the MVLWB/AANDC *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories*.

**CLOSURE AND  
RECLAMATION  
COMPLETION REPORT**

## **Schedule 1: Surveillance Network Program (SNP)**

### **Water Licence S24L3-001, Part B, Condition 14; Great Bear Lake Lodge Ltd.**

#### **Table of Contents:**

Part A: Reporting Requirements

Part B: Sampling and Analysis Requirements

Part C: SNP Station Descriptions and Monitoring Requirements

#### **Part A: Reporting Requirements**

1. The effective date of this Surveillance Network Program (SNP) is June 14, 2024.
2. The Licensee shall include all of the data and information required in Part C of this Schedule in the Annual Water Licence Report, as specified in Part B, Condition 19 of this Licence.
3. The Licensee shall also provide SNP data at other times, if requested by an Inspector or the Board.

#### **Part B: Sampling and Analysis Requirements**

1. More frequent sample collection or provision of data may be required at the request of an Inspector.
2. The location of sampling stations is subject to the approval of an Inspector.
3. All sample collection, sample preservation, and analyses shall be conducted in accordance with methods prescribed in the current edition of the American Public Health Association's (APHA) *Standard Methods for the Examination of Water and Wastewater* at the time of analysis, or by other such methods approved by an Analyst.
4. All analyses shall be performed in a laboratory accredited by the Canadian Association for Laboratory Accreditation (CALA) for the specific analyses to be performed or as approved by an Analyst.

**Part C: SNP Station Descriptions and Monitoring Requirements**

**Table 1: SNP Station Table**

SNP station	Location	Coordinates	Sampling Frequency	Sampling Parameters	Rationale
17-1	Water intake at Great Bear Lake.	66° 42' 31 N 119° 40' 48 W	Monthly during intake.	Volume of Water in m <sup>3</sup>	To monitor the monthly and annual quantity of Water withdrawn for use.
17-2	The shore of Great Bear Lake at the closest point downstream of the Sewage Disposal Facilities (Gravel Filtration Field).	66° 42' 33 N 119° 40' 27 W	Twice yearly, at the end of July and the end of August.	<ul style="list-style-type: none"> <li>• CBOD<sub>5</sub></li> <li>• Total Suspended Solids</li> <li>• Nutrients</li> <li>• Faecal Coliforms</li> </ul>	To monitor the quality of Water in the Receiving Environment.

## Schedule 2: Annual Water Licence Report

### Condition

1. The **Annual Water Licence Report** referred to in Part B, Condition 19 of this Licence shall include, but not be limited to, the following information about activities conducted during the previous calendar year:
  - a) The monthly and annual quantities in cubic metres of fresh Water obtained from all sources, as required in Part D, Condition 1 of this Licence;
  - b) A summary of the calibration and status of the meters and devices referred to in Part B, Condition 18 of this Licence;
  - c) A summary of engagement activities conducted in accordance with the approved **Engagement Plan**, referred to in Part B, Condition 20 of this Licence;
  - d) A summary of how Traditional Knowledge was incorporated into decision making;
  - e) A summary of Construction activities conducted in accordance with Part E of this Licence;
  - f) A summary of major maintenance activities conducted in accordance with this Licence;
  - g) A summary of activities conducted in accordance with the approved **Waste Management Plan**, referred to in Part F, Condition 3 of this Licence, including:
    - i. A summary of approved updates or changes to the process or facilities required for the management of Waste;
    - ii. Monthly and annual quantities, in cubic metres, of solid Waste discharged to the Solid Waste Disposal Facilities;
    - iii. Monthly and annual quantities of Sewage discharged to the Sewage Disposal Facilities;
    - iv. Monthly and annual quantities, in cubic metres, of Sewage solids and/or sludge removed from the septic tanks and discharged to the Solid Waste Disposal Facilities;
  - h) A summary of activities conducted in accordance with the approved **Spill Contingency Plan**, referred to in Part H, Condition 2 of this Licence, including:
    - i. A list and description for all Unauthorized Discharges, including the date, NWT spill number, volume, location, summary of the circumstances and follow-up actions taken, and status (i.e., open or closed), in accordance with the reporting requirements in Part H, Condition 2 of this Licence; and
    - ii. An outline of any spill training carried out;
  - i) A summary of any Closure and Reclamation work completed;
  - j) Tabular summaries of all data and information generated under the SNP in Schedule 1 of this Licence, in Excel format;
  - k) A list of any non-compliance(s) with the conditions of this Licence or any directive from the Board pursuant to the conditions of this Licence;



### **Condition**

- l) A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector; and
- m) Any other details requested by the Board by July 1 of the year being reported.

### Schedule 3: Conditions Applying to Security

Condition
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| 1. a) The amount of security referred to in Part C, Condition 1 (POST SECURITY DEPOSIT), shall total \$20,000, following the issuance of this Licence. |
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## Schedule 4: Conditions Applying to Construction

### Condition

1. The **Structure Description and Construction Plan** referred to in Part E, Condition 3 shall include, but not be limited to, the following:
  - a) Information regarding the facilities:
    - i. A description of the facilities to be constructed, including the purpose of the facilities;
    - ii. The proposed location(s) of the facilities, with GPS coordinates and a map to scale;
    - iii. Relevant background information for the area beneath the footprint of the facilities;
    - iv. Construction specifications and performance parameters;
    - v. A description of any operations and maintenance requirements associated with the facilities; and
    - vi. An explanation of why the facilities do not need to be designed by a Professional Engineer.
  - b) Information regarding the Construction of the facilities:
    - i. A Construction schedule;
    - ii. A description of the materials required for Construction, including, but not limited to:
      - a. sources;
      - b. quantities;
      - c. physical characteristics; and
      - d. geochemical characteristics.
    - iii. A description of any potential effects on the Receiving Environment associated with Construction of the facilities; and
    - iv. A description of any mitigation measures that will be undertaken to minimize the potential impacts identified as per (b)(iii).
  - c) Information regarding monitoring during Construction, including:
    - i. A description of any monitoring that will be conducted to determine the potential impacts to the Receiving Environment and the effectiveness of the mitigation measures described as per (b)(iv), including, but not limited to:
      - a. locations;
      - b. parameters;
      - c. frequencies; and
      - d. rationale.
    - ii. Linkages to other monitoring programs required in this Licence.
  - d) A description of how monitoring will be evaluated and what actions may be taken in response to monitoring results.

## Schedule 5: Conditions Applying to Closure and Reclamation

### Condition

1. The final **Closure and Reclamation Plan** referred to in Part I, Condition 1 of this Licence shall include, but not be limited to the following information:
  - a) A description of the overall goals for Closure and Reclamation of the Project, including expected future land use;
  - b) A description of engagement related to Closure and Reclamation planning, including a summary of completed and planned engagement, and links to the **Engagement Plan** referred to in Part B, Condition 20 for the Project;
  - c) A list of any other regulatory authorizations required for Closure and Reclamation of the Project;
  - d) A description of the pre-existing and current Project environment, including, but not limited to:
    - i. climatic conditions;
    - ii. physical conditions;
    - iii. chemical conditions;
    - iv. biological conditions;
    - v. any physical or chemical assessments of soil, water, and permafrost; and
    - vi. traditional uses.
  - e) A description of the Project, including, but not limited to:
    - i. site history;
    - ii. Project development;
    - iii. current status of the Project;
    - iv. maps delineating all disturbed areas, borrow material locations, site facilities, hydrological features, and elevation contours; and
    - v. photographs.
  - f) A description of each Project component, including, but not limited to:
    - i. Sewage Disposal Facilities;
    - ii. Solid Waste Disposal Facilities;
    - iii. Water Supply Facilities;
    - iv. buildings and equipment;
    - v. areas affected by spills or Unauthorized Discharges; and
    - vi. other areas affected by Project activities.
  - g) For the Project site, a description of Closure and Reclamation plans, including, but not limited to:
    - i. preferred Closure and Reclamation option and method for each Project component identified in condition (f) above;
    - ii. Water management and restoration of natural drainage;
    - iii. predicted environmental effects during and after Closure and Reclamation activities;

**Condition**

- iv. post-closure monitoring, maintenance, and reporting;
  - v. uncertainties and contingencies; and
  - vi. climate change considerations;
- h) A description of any planned Progressive Reclamation;
- i) An implementation schedule that includes Progressive Reclamation and final Closure and Reclamation activities; and
- j) A Closure Cost Estimate.

**Signed on behalf of the SAHTÚ LAND AND WATER BOARD**



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**VALERIE GORDON, Chair**



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**NATALIE LIPKA, Witness**

## **Attachments**

### **Attachment A: Concordance Table of Items Requiring Submission**

This table summarizes the information the Licensee is required to submit as per the Water Licence conditions. It supplements the Water Licence. If there are any discrepancies between this table and the body of the Water Licence, the Water Licence conditions prevail.

<b>Table 1: Concordance Table of Items Requiring Submission</b>		
<b>Condition</b>	<b>Requirement</b>	<b>Timeline</b>
Part B, Condition 9: ANNUAL REVIEW	Conduct an annual review of all plans, programs and manuals, and make any revisions necessary to reflect changes in operations, contact information, or other details, to be submitted each year.	No later than December 1 each year.
Part B, Condition 10: REVISIONS	Submit revised plans, programs, or manuals that require Board approval to the Board, for approval.	A minimum of 90 days prior to the proposed implementation date for the changes.
Part B, Condition 19: ANNUAL WATER LICENCE REPORT	Submit an <b>Annual Water Licence Report</b> to the Board and an Inspector, in accordance with the requirements of Schedule 1, Condition 1.	Beginning December 1, 2024 and no later than every December 1 thereafter.
Part B, Condition 20: ENGAGEMENT PLAN - REVISED	Submit to the Board, for approval, a <b>Waste Management Plan – Revised</b> .	By December 1, 2024, and no later than every December 1 thereafter, if revisions.
Part B, Condition 21: NOTIFICATION – RE-COMMENCEMENT	Provide written notification to the Board and an Inspector, including commencement date, and the name and contact information for the individual responsible for overseeing the Project.	A minimum of ten days prior to re-commencement of Project activities following a temporary shut-down period.
Part E, Condition 3: STRUCTURE DESCRIPTION AND CONSTRUCTION PLAN	Submit to the Board, for approval, a <b>Structure Description and Construction Plan</b> , in accordance with the requirements of Schedule 3, Condition 1 (unless authorized in writing by an Inspector).	A minimum of 90 days prior to the commencement of Construction.
Part E, Condition 4: NOTIFICATION – CONSTRUCTION	Provide written notification to the Board and an Inspector, including the Construction commencement date, and the name and contact information for the individual responsible for overseeing the Construction.	A minimum of ten days prior to the commencement of Construction.
Part F, Condition 3 : WASTE MANAGEMENT PLAN - REVISED-	Submit to the Board, for approval, a <b>Waste Management Plan – Revised</b> .	By December 1, 2024, and no later than every December 1 thereafter, if revisions.
Part H, Condition 2: SPILL CONTINGENCY PLAN - REVISED	Submit to the Board, for approval, a <b>Spill Contingency Plan – Revised</b> .	Within 90 days of Licence issuance, by September 14, 2024, and no later than every December 1 thereafter, if revisions.
Part I, Condition 1: CLOSURE AND RECLAMATION PLAN - REVISED	Submit to the Board, for approval, a <b>Closure and Reclamation Plan – Revised</b> .	By December 1, 2024, and no later than every December 1 thereafter, if revisions.
Part I, Condition 2: CLOSURE AND RECLAMATION PLAN - FINAL	Submit to the Board, for approval, a final <b>Closure and Reclamation Plan</b> , in accordance with the requirements of Schedule 4, Condition 1.	Six months prior to the closure and reclamation of the Project.
Part I Condition 5: PROGRESSIVE RECLAMATION – NOTIFICATION	Provide written notification to the Board and an Inspector of any approved Progressive Reclamation that will be conducted in the upcoming year.	Beginning May 1, 2025 and no later than every May 1 thereafter.
Part I, Condition 6: CLOSURE AND RECLAMATION COMPLETION REPORT	Submit to the Board a <b>Closure and Reclamation Completion Report</b> .	Within 90 days of completing Closure and Reclamation of the Project.

### Attachment B: Revision History Table

The Table below summarizes revisions made to the Licence since its effective date (as set out on the Cover Page)

Date	Location of change	Description of change
[issuance date of updated or amended Licence]	[Part(s) and/or Condition(s) of Licence]	-