

# Land and Water Boards of the Mackenzie Valley



**DRAFT Type B Water Licence MV2024L8-0005**

**Northwest Territories Power Corporation – Taltson Winter Road**

## Table of Contents

Part A: [Scope](#) and [Defined Terms](#)

[Part B](#): General Conditions

[Part C](#): Security

[Part D](#): Water Use

[Part E](#): Construction

[Part F](#): Waste and Water Management

[Part G](#): Aquatic Effects Monitoring

[Part H](#): Spill Contingency Planning

[Part I](#): Closure and Reclamation

### Schedules

[Schedule 1](#): Annual Water Licence Report (Part B)

[Schedule 2](#): Closure and Reclamation (Part I)

### Attachments

[Attachment A](#): Concordance Table of Items Requiring Submission

[Attachment B](#): Revision History Table

Part A: Scope and Defined Terms		
Scope:		Condition Title
1.	<p>This Licence entitles the Licensee to use Water for miscellaneous activities at the Taltson Winter Road.</p> <p>The scope of this Licence includes the following:</p> <ul style="list-style-type: none"> <li>a) Withdrawal of Water for Construction, operation, and maintenance of the Taltson Winter Road;</li> <li>b) The emergency use of culverts to divert overflow during sudden rises in water levels on watercourses; and</li> <li>c) Progressive Reclamation and associated Closure and Reclamation activities.</li> </ul>	SCOPE
2.	The scope of the Project is as described in the Preliminary Screening Determination for [enter licence number], dated []	SCOPE – PRELIMINARY SCREENING
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 Deposit 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.	LEGISLATION SUBJECT TO CHANGE
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.	LEGISLATIVE COMPLIANCE

**Commented [AW1]:** NTPC requested 1b) be part of the scope. Board staff are requesting feedback on this approach. As part of this, please consider whether this work could be considered “maintenance” under 1a) and/or whether this would be better as a licence condition subject to Inspector approval.

<b>Defined Terms:<sup>1</sup></b>
<b>Board</b> – the Mackenzie Valley Land and Water Board established under subsection 99(1) of the <i>Mackenzie Valley Resource Management Act</i> .
<b>Closure Criteria</b> - standards that measure the success of selected closure activities in meeting closure objectives. Closure criteria may have a temporal component (e.g., a standard may need to be met for a pre-defined number of years). Closure criteria can be site-specific or adopted from territorial/federal or other standards and can be narrative statements or numerical values.
<b>Closure Objectives</b> - statements that describe what the selected closure activities are aiming to achieve; they are guided by the closure principles. Closure objectives are typically specific to project components, are measurable and achievable, and allow for the development of closure criteria.
<b>Closure and Reclamation</b> – 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.
<b>Closure and Reclamation Plan (CRP)</b> – a document, developed in accordance with this Licence, that clearly describes the Closure and Reclamation for the Project.
<b>Construction</b> – 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.
<b>Deposit of Waste</b> – a deposit of Waste in any Water or in any other place under conditions in which the Waste, or any other Waste that results from the deposit of that Waste, may enter any Waters.
<b>Engagement Plan</b> – a document, developed in accordance with the LWB <i>Engagement and Consultation Policy</i> and the <i>Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits</i> , that clearly describes how, when, and which engagement activities will occur with an affected party during the life of the Project.
<b>Groundwater</b> – as defined in section 1 of the Waters Regulations: all water in a zone of saturation below the land surface, regardless of its origin.

---

<sup>1</sup> Defined terms are capitalized throughout the License, including when used in other definitions.  
MV2024L8-0005 – NTPC – Miscellaneous Undertaking – Draft

<b>Defined Terms:<sup>1</sup></b>
<b>Inspector</b> – an Inspector designated by the Minister under subsection 65(1) of the <i>Waters Act</i> .
<b>Licensee</b> – the holder of this Licence.
<b>Minister</b> – the Minister of the Government of the Northwest Territories (GNWT) – Environment and Natural Resources.
<b>Ordinary High-Water Mark</b> – 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, 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).
<b>Progressive Reclamation</b> – Closure and Reclamation activities conducted during the operating phase of the Project.
<b>Project</b> – the undertaking described in Part A, Conditions 1 and 2.
<b>Receiving Environment</b> – the natural environment that, directly or indirectly, receives any Waste from the Project.
<b>Reclamation Research</b> – literature reviews, laboratory or pilot-scale tests, engineering studies, and other methods of resolving uncertainties and answering questions pertaining to environmental risks for the purpose of providing data and information that will reduce uncertainties for closure options, selected closure activities, and/or closure criteria.
<b>Spill Contingency Plan (SCP)</b> – a document developed for the Project in accordance with INAC's <i>Guidelines for Spill Contingency Planning</i> .
<b>Taltson Winter Road</b> – road from the Slave River to the Taltson Hydroelectric Facility for use in winter seasons, including Watercourse crossings and overland components.
<b>Traditional Knowledge</b> – 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.

<b>Defined Terms:<sup>1</sup></b>
<b>Unauthorized Release</b> – a release to the Receiving Environment of any Water or Waste not authorized under this Licence.
<p><b>Waste</b> – as defined in section 1 of the <i>Waters Act</i>:</p> <p>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</p> <p>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),</p> <p>and includes</p> <p>c) a substance or water that, for the purposes of the <i>Canada Water Act</i>, is deemed to be waste,</p> <p>d) a substance or class of substances prescribed by regulations made under subparagraph 63(1)(b)(i),</p> <p>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</p> <p>f) water that has been subjected to a treatment, process or change prescribed by regulations made under subparagraph 63(1)(b)(iii).</p>
<b>Waste Management Plan (WMP)</b> – a document, developed in accordance with the MVLWB <i>Guidelines for Developing a Waste Management Plan</i> , that describes the methods of Waste management for the Project from Waste generation to final disposal.
<b>Water</b> – as defined in section 1 of the <i>Waters Act</i> : water under the administration and control of the Commissioner, whether in a liquid or frozen state, on or below the surface of land.
<b>Watercourse</b> – as defined in section 1 of the <i>Waters Regulations</i> : a natural watercourse, body of Water or Water supply, whether usually containing Water or not, and includes, but is not limited to, Groundwater, springs, swamps, and gulches.
<b>Water Management Area</b> – a geographical area of the Northwest Territories established by section 2 and Schedule A of the <i>Waters Regulations</i> .
<b>Waters Regulations</b> – the regulations proclaimed pursuant to section 63 of the <i>Waters Act</i> .
<b>Water Supply Facilities</b> – the area(s) and structures designed to collect and supply Water for the Project.

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

**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,
- 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*.

DRAFT

<b>Part B: General Conditions</b>		
1.	The Licensee shall ensure a copy of this Licence is maintained on site at all times.	<b>COPY OF LICENCE</b>
2.	The Licensee shall take every reasonable precaution to protect the environment.	<b>PRECAUTION TO PROTECT ENVIRONMENT</b>
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.	<b>INCORPORATE SCIENTIFIC INFORMATION AND TRADITIONAL KNOWLEDGE</b>
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.	<b>IDENTIFY TRADITIONAL KNOWLEDGE</b>
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.	<b>REFERENCES</b>
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.	<b>SUBMISSION FORMAT</b>
7.	The Licensee shall ensure management plans are submitted to the Board in a format consistent with the LWB <i>Standard Outline for Management Plans</i> , unless otherwise specified.	<b>MANAGEMENT PLAN FORMAT</b>
8.	The Licensee shall comply with all plans, including revisions, approved pursuant to the conditions of this Licence.	<b>COMPLY WITH SUBMISSIONS AND REVISIONS</b>



9.	The Licensee shall conduct an annual review of all plans and make any revisions necessary to reflect changes in operations, contact information, or other details. No later than March 31 each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.	<b>ANNUAL REVIEW</b>
10.	The Licensee may propose changes at any time by submitting revised plans 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.	<b>REVISIONS</b>
11.	The Licensee shall revise any submission and submit it as per the Board's directive.	<b>REVISE AND SUBMIT</b>
12.	If any date for any submission falls on a weekend or holiday, the Licensee may submit the item on the following business day.	<b>SUBMISSION DATE</b>
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.	<b>COMPLY WITH SCHEDULE(S)</b>
14.	The Schedules and any compliance dates specified in this Licence may be updated at the discretion of the Board.	<b>UPDATES TO SCHEDULES AND COMPLIANCE DATE(S)</b>
15.	The Licensee shall comply with all directives issued by the Board in respect of the implementation of the conditions of this Licence.	<b>COMPLY WITH BOARD DIRECTIVES</b>
16.	The Licensee shall install, operate, and maintain meters, devices, or other such methods for measuring the volumes of Water used to the satisfaction of an Inspector.	<b>MEASURE WATER USE</b>
17.	Beginning March 31, 2025 and no later than every March 31 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 1, Condition 1.	<b>ANNUAL WATER LICENCE REPORT</b>
18.	The Licensee shall comply with the <b>Engagement Plan</b> , once approved.	<b>ENGAGEMENT PLAN</b>

19.	Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised Engagement Plan. The Licensee shall not commence Project activities prior to Board approval of the Plan.	ENGAGEMENT PLAN – REVISED
20.	A minimum of ten days prior to the initial commencement of Project activities, the Licensee shall provide written notification to the Board and an Inspector. Notification shall include the commencement date, 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.	NOTIFICATION – COMMENCEMENT
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, 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.	NOTIFICATION – RE- COMMENCEMENT
22.	The Licensee shall immediately provide written notification to the Board and an Inspector of any non-compliance with the conditions of this Licence.	NOTIFICATION – NON- COMPLIANCE WITH CONDITIONS
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.	NOTIFICATION – NON- COMPLIANCE WITH DIRECTIVES
24.	The Licensee shall ensure that a copy of any written authorization issued to the Licensee by an Inspector is provided to the Board.	COPY – WRITTEN AUTHORIZATION
25.	The Licensee shall submit a current Project schedule to the Board and an Inspector upon request.	SUBMIT CURRENT PROJECT SCHEDULE
<b>Part C: Security</b>		
<i>Intentionally left blank.</i>		
<b>Part D: Water Use</b>		
1.	The Licence shall only obtain fresh Water for the Project as set out in the following table.	WATER SOURCE AND MAXIMUM VOLUME

Water Source Name	Location and Coordinates	Type of Watercourse	Purpose of Water Use	Maximum Quantity (m <sup>3</sup> per day)
Slave River (1-River)	60.0367, -111.9100	River	Winter road Construction, operation, and maintenance	299
Unnamed Slough near Slaver River (1.1-Slough)	60.0574, -111.8716	Slough	Winter road Construction, operation, and maintenance	80
Little Bent Tree Lake (2-Lake)	60.1885, -111.6011	Lake	Winter road Construction, operation, and maintenance	80
Thetul River / Hanging Ice River (3-River)	60.2188, -111.5493	River	Winter road Construction, operation, and maintenance	80
Kenneth River (4-River)	60.2207, -111.5479	River	Winter road Construction, operation, and maintenance	80
Powell Creek (5-River)	60.2300, -111.5399	River	Winter road Construction, operation, and maintenance	80
Unnamed Lake (L5-0) (6S-Lake)	60.3445, -111.4429	Lake	Winter road Construction, operation, and maintenance	80
Unnamed Lake (L5-0) (6N-Lake)	60.3646, -111.4222	Lake	Winter road Construction, operation, and maintenance	80
Powell Creek (7S-River)	60.3734, -111.3576	River	Winter road Construction, operation, and maintenance	80
Powell Creek (7N-River)	60.2896, -111.4875	River	Winter road Construction, operation, and maintenance	80
Unnamed Watercourse (L9-0) (7.1 River)	60.2443, -111.5291	River	Winter road Construction, operation, and maintenance	80
Unnamed Lake (L10-0) (8-Lake)	60.3330, -111.4521	Lake	Winter road Construction, operation, and maintenance	80

		Gertrude Lake (12-0) (9-Lake)	60.3103, -111.4698	Lake	Winter road Construction, operation, and maintenance	80		
2.	The withdrawal of Water from any stream or running Watercourse will not exceed 10% of the measured instantaneous flow in accordance with the DFO Framework for Assessing the Ecological Flow Requirements to Support Fisheries in Canada.							MAXIMUM WATERCOURSE WATER WITHDRAWAL – INSTANTANEOUS FLOW
3.	The Licensee shall only withdraw Water using the Water Supply Facilities, unless otherwise authorized temporarily in writing by an Inspector.							WATER WITHDRAWAL – FACILITIES
4.	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.							POST WATER INTAKE SIGN(S)
5.	The Licensee shall construct and maintain the Water intake(s) with a screen designed to prevent impingement or entrainment 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 and Fish Screen Design Criteria for Flood and Water Truck Pumps</i> .							WATER INTAKE SCREEN
6.	Prior to locating a Water intake in a fish-bearing Watercourse, the Licensee shall obtain written authorization for the location from an Inspector.							WATER INTAKE LOCATION – AUTHORIZATION
<b>Part E: Construction</b>								
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.							OBJECTIVE – CONSTRUCTION
2.	The Licensee shall only use material that is clean and free of contaminants and has been authorized in writing by an Inspector.							CONSTRUCTION MATERIAL – SOURCE(S)
<b>Part F: Waste and Water Management</b>								

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 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>
<b>Management and Monitoring Plans</b>		
3.	The Licensee shall comply with the Waste Management Plan, once approved.	<b>WASTE MANAGEMENT PLAN</b>
4.	Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised [enter plan name]. The Licensee shall not commence [enter: Project activities OR activities described in the Plan] prior to Board approval of the Plan.	<b>WASTE MANAGEMENT PLAN – REVISED</b>
5.	The Licensee shall comply with the Operations and Maintenance Plan, once approved.	<b>OPERATIONS AND MAINTENANCE PLAN</b>
6.	Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised [enter plan name]. The Licensee shall not commence [enter: Project activities OR activities described in the Plan] prior to Board approval of the Plan.	<b>OPERATIONS AND MAINTENANCE PLAN – REVISED</b>
7.	A minimum of ten days prior to disposing of any Waste into a licenced municipal facility, the Licensee shall provide written notification to the Board and an Inspector.	<b>NOTIFICATION – WASTE DISPOSAL</b>
<b>Part G: Aquatic Effects Monitoring</b>		
<i>Intentionally left blank.</i>		
<b>Part H: Spill Contingency Planning</b>		
1.	The Licensee shall ensure that Unauthorized Releases associated with the Project do not enter any Water.	<b>OBJECTIVE – PREVENT WASTE INTO WATER</b>

2.	The Licensee shall comply with the <b>Spill Contingency Plan</b> , once approved.	<b>SPILL CONTINGENCY PLAN</b>
3.	<b>Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised Spill Contingency Plan. The Licensee shall not commence Project activities prior to Board approval of the Plan.</b>	<b>SPILL CONTINGENCY PLAN – REVISED</b>
4.	If a spill or an Unauthorized Release occurs or is foreseeable, the Licensee shall: a) Implement the approved <b>Spill Contingency Plan</b> referred to in Part H, Condition 3; b) Report it immediately using the NU-NT Spill Report Form by one of the following methods: <ul style="list-style-type: none"> <li>• Telephone: (867) 920-8130</li> <li>• E-mail: spills@gov.nt.ca</li> <li>• Online: Spill Reporting and Tracking Database</li> </ul> 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.	<b>REPORT SPILLS</b>
5.	The Licensee shall ensure that spill prevention infrastructure and spill response equipment is in place prior to commencement of the Project.	<b>SPILL PREVENTION AND RESPONSE EQUIPMENT</b>
6.	The Licensee shall restore all areas affected by spills and Unauthorized Releases to the satisfaction of an Inspector.	<b>CLEAN UP SPILLS</b>
7.	The Licensee shall not establish any fuel storage facilities or refueling stations, or store chemicals or Wastes within 100 metres of the Ordinary High-Water Mark of any Watercourse.	<b>MATERIAL STORAGE – ORDINARY HIGH-WATER MARK</b>
<b>Part I: Closure and Reclamation</b>		
1.	As directed by the Board, the Licensee shall submit to the Board, for approval, a <b>Closure and Reclamation Plan</b> . The Plan shall be in accordance with the requirements of Schedule 2, Condition 1.	<b>CLOSURE AND RECLAMATION PLAN</b>

2.	The Licensee shall endeavor to carry out approved Progressive Reclamation as soon as is reasonably practicable.	<b>PROGRESSIVE RECLAMATION</b>
3.	The Licensee shall not conduct Progressive Reclamation except as approved by the Board.	<b>PROGRESSIVE RECLAMATION – CARRY OUT AS APPROVED</b>
4.	Beginning March 31, 2025 and no later than every March 31 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.	<b>PROGRESSIVE RECLAMATION – NOTIFICATION</b>
5.	A minimum of one year prior to the end of operations, or as directed by the Board, the Licensee shall submit to the Board for approval, a <b>Post-Closure Monitoring and Maintenance Plan</b> .	<b>POST-CLOSURE MONITORING AND MAINTENANCE PLAN</b>

DRAFT

## Schedule 1: Annual Water Licence Report

	Condition
1.	The <b>Annual Water Licence Report</b> referred to in Part B, Condition 17 of this Licence shall include, but not be limited to, the following information about activities conducted during the previous calendar year:
	a) A brief summary of Project activities;
	b) An updated Project schedule;
	c) The monthly and annual quantities in cubic metres of fresh Water obtained from all sources, as required in Part B, Condition 16 (MEASURE WATER USE) of this Licence;
	d) A summary of the calibration and status of the meters and devices referred to in Part B, Condition 16 (MEASURE WATER USE) of this Licence;
	e) A summary of engagement activities conducted in accordance with the approved <b>Engagement Plan</b> , referred to in Part B, Condition 18 of this Licence;
	f) A summary of how Traditional Knowledge was incorporated into decision making;
	g) A summary of Construction activities conducted in accordance with Part E of this Licence;
	h) A summary of major maintenance activities conducted in accordance with this Licence;
	i) A summary of activities conducted in accordance with the approved <b>Waste Management Plan</b> referred to in Part F, Condition 3 of this Licence, including: <ul style="list-style-type: none"> <li>i. A summary of approved updates or changes to the processes required for the management of Waste;</li> <li>ii. Monthly and annual quantities/volumes by location of Waste managed under the Plan;</li> </ul>
	j) A summary of activities conducted in accordance with the approved <b>Operations and Maintenance Plan</b> and a summary of approved updates or changes to the <b>Operations and Maintenance Plan</b> , referred to in Part F, Condition 5 of this Licence;
	k) A summary of activities conducted in accordance with the approved <b>Spill Contingency Plan</b> , referred to in Part H, Condition 2 of this Licence, including:



	<b>Condition</b>
	<ul style="list-style-type: none"> <li>i. A list and description for all Spills and Unauthorized Releases, 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 4 of this Licence; and</li> <li>ii. An outline of any spill training carried out.</li> </ul>
	<ul style="list-style-type: none"> <li>l) A summary of activities conducted in accordance with the <b>Closure and Reclamation Plan</b>, referred to in Part I, Condition 1 of this Licence, including: <ul style="list-style-type: none"> <li>i. Details of any Progressive Reclamation undertaken;</li> <li>ii. A discussion on whether planning and implementation remains on schedule, and a summary of any new scheduling setbacks; and</li> <li>iv. A summary of engagement conducted regarding Closure and Reclamation;</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>m) 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;</li> </ul>
	<ul style="list-style-type: none"> <li>n) A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector; and</li> </ul>
	<ul style="list-style-type: none"> <li>o) Any other details requested by the Board by December 31 of the year being reported.</li> </ul>

## Schedule 2: Conditions Applying to Closure and Reclamation

	Condition
1.	The <b>Closure and Reclamation Plan</b> referred to in Part I, Condition 1 of this Licence shall include, but not be limited to the following information:
	a) A plain language summary of the Plan;
	b) A description of the overall goals for Closure and Reclamation of the Project, including expected future land use;
	c) A description of the Closure and Reclamation planning team;
	d) A description of engagement related to Closure and Reclamation planning, including a summary of completed and planned engagement, and links to the <b>Engagement Plan</b> referred to in Part B, Condition 18 for the Project;
	e) A description of the pre-existing and current Project environment, including, but not limited to: <ul style="list-style-type: none"> <li>i. climatic conditions;</li> <li>ii. physical conditions;</li> <li>iii. chemical conditions;</li> <li>iv. biological conditions;</li> <li>v. any physical or chemical assessments of soil, water, and permafrost; and</li> <li>vi. traditional uses.</li> </ul>
	f) A description of the Project, including, but not limited to: <ul style="list-style-type: none"> <li>i. site history;</li> <li>ii. Project development;</li> <li>iii. current status of the Project;</li> <li>iv. maps delineating all disturbed areas, borrow material locations, site facilities, hydrological features, and elevation contours; and</li> <li>v. photographs.</li> </ul>
	g) A description of each Project component, including, but not limited to: <ul style="list-style-type: none"> <li>i. Watercourse crossings;</li> </ul>

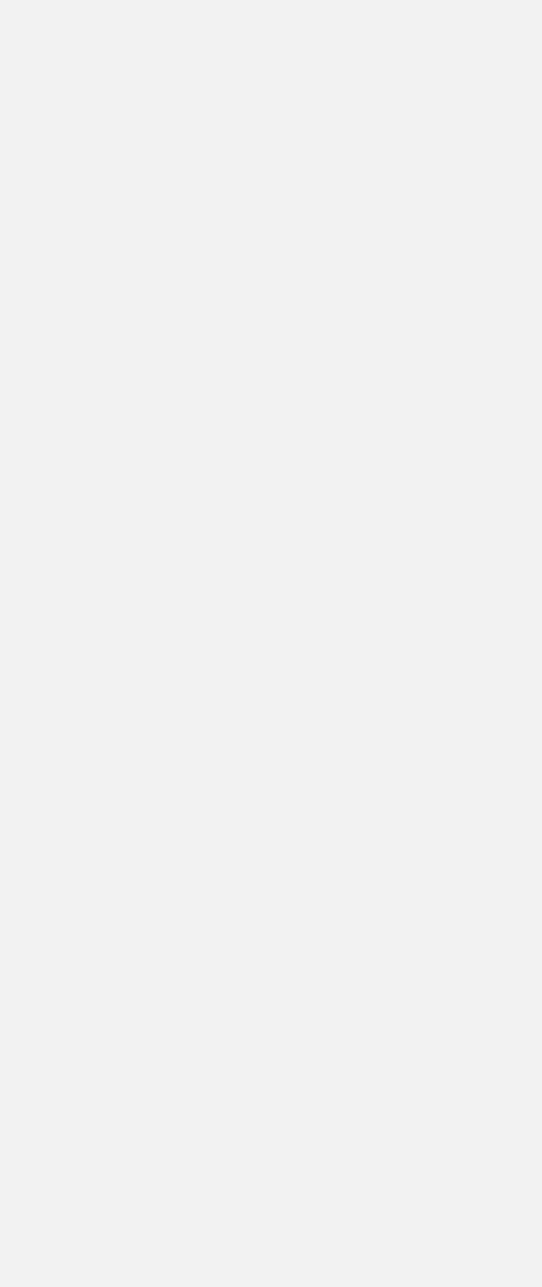
	Condition
	<ul style="list-style-type: none"> <li>ii. road alignment, including any pull outs or laydown areas;</li> <li>iii. areas affected by spills or Unauthorized Releases; and</li> <li>iv. other areas affected by Project activities.</li> </ul>
	<ul style="list-style-type: none"> <li>h) For the Project site, a description of Closure and Reclamation plans, including, but not limited to:               <ul style="list-style-type: none"> <li>i. Closure Objectives and Closure Criteria;</li> <li>ii. preferred Closure and Reclamation option and method for each Project component identified in Condition (h) above;</li> <li>iii. Water management and restoration of natural drainage;</li> <li>iv. predicted environmental effects during and after Closure and Reclamation activities;</li> <li>v. uncertainties and contingencies; and</li> <li>vi. climate change considerations.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>i) A description of any planned Progressive Reclamation;</li> </ul>
	<ul style="list-style-type: none"> <li>j) An implementation schedule that includes Progressive Reclamation and final Closure and Reclamation activities; and</li> </ul>

Signed on behalf of the Mackenzie Valley Land and Water Board

\_\_\_\_\_  
xx, Chair

\_\_\_\_\_  
xx, Witness

DRAFT



## Attachments

### Attachment A – Concordance Table of Items Requiring Submission

The table below summarizes the items the Licensee is required to submit as per the Licence conditions. In the event of a discrepancy between this table and the Licence conditions, the Licence conditions shall prevail.

Condition Location	Item	Date
Part X, Condition Y	[name of report, plan, notification, etc.]	[due date]

**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
Intentionally left blank		

DRAFT

