

Type B Water Licence MV2024L7-0010
Town of Hay River – Porrit Landing Renewal

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Part A: Scope and Defined Terms

Scope:

1. This Licence entitles the Licensee to use Water and deposit Waste for recreational undertakings at Porritt Landing in Hay River, Northwest Territories.
The scope of this Licence includes the following:
 - a) Installation, operation, and maintenance of the Porritt Landing boat launch, gabion retaining structure, and sheet pile retaining wall;
 - b) Dredging and sediment removal;
 - c) Site grading; and
 - ~~a) Sediment removal at the Porritt Landing dock;~~
 - b)d) Deposit of Waste at Lot 1057, Plan 977, Hay River, NT; and
 - ~~e) Installation of a Gabion retaining wall and site grading.~~
2. The scope of the Project is as described in the Preliminary Screening Determination for MV2018L7-0002, dated June 21, 2022.
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 *Waters Act* and Waters Regulations that affects licence conditions and defined terms will be deemed to have amended this Licence.
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.

SCOPE

SCOPE –
PRELIMINARY
SCREENING

LEGISLATION
SUBJECT TO
CHANGE

LEGISLATIVE
COMPLIANCE

Defined Terms ¹

Action Level – a predetermined qualitative or quantitative trigger which, if exceeded, requires the Licensee to take appropriate actions.

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 Criteria - 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.

Closure Objectives - 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.

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.

Deposit of Waste – 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.

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

Engagement Plan – a document, developed in accordance with the LWB *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.

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

Licensee – the holder of this Licence.

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

Defined Terms ¹

Minister – the Minister of the Government of the Northwest Territories (GNWT).

Professional Engineer – a person registered with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists to practice as a Professional Engineer in the Northwest Territories as per the territorial *Engineering and Geoscience Professions Act* and whose professional field of specialization is appropriate to address the components of the Project at hand.

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 Waste from the Project.

Remediation – the removal, reduction, or neutralization of substances, Wastes, or hazardous materials from a site in order to prevent or minimize any adverse effects on the environment and public safety, now or in the future.

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

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.

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 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.

Defined Terms ¹

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.

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*.

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: <ul style="list-style-type: none"> 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 LWB <i>Standard Outline for Management Plans</i> , unless otherwise specified.	MANAGEMENT PLAN FORMAT
8.	The Licensee shall comply with all plans, programs, 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, 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.	ANNUAL REVIEW
10.	The Licensee may propose changes at any time by submitting revised plans, programs 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 Schedules , 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 Surveillance Network Program 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, the Surveillance Network Program, 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 disposed of to the satisfaction of an Inspector.	MEASURE WATER USE AND WASTE DISCHARGED
19.	Beginning March 31, 2026, and no later than every March 31 thereafter, the Licensee shall submit an Annual Water Licence Report to the Board and an Inspector. The Report shall be in accordance with the requirements of Schedule 1, Condition 1.	ANNUAL WATER LICENCE REPORT
20.	The Licensee shall comply with the Engagement Plan , once approved.	ENGAGEMENT PLAN
21.	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 MANAGEMENT PLAN - REVISED
22.	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	NOTIFICATION – COMMENCEMENT

Commented [TT1]: Board staff seeking reviewer feedback on annual report submission date.

Commented [EJ2]: Either Condition 20 or 21, depending on Board decision at issuance.

	for overseeing the Project. Written notification shall be provided to the Board and an Inspector if any changes occur.	
23.	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
24.	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
25.	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
26.	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
27.	The Licensee shall submit a current Project schedule to the Board and an Inspector upon request.	SUBMIT CURRENT PROJECT SCHEDULE
Part C: Security		
<i>Intentionally left blank.</i>		
Part D: Water Use		
<i>Intentionally left blank.</i>		
Part E: Construction		
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 that has been authorized in writing by an Inspector.	CONSTRUCTION MATERIAL – SOURCE(S)
3.	The Licensee shall maintain records of Construction materials for all structures and make them available at the request of the Board or an Inspector.	CONSTRUCTION RECORDS

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.	NOTIFICATION – CONSTRUCTION
Part F: Waste and Water Management		
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.	OBJECTIVE – WASTE AND WATER MANAGEMENT
Management and Monitoring Plans		
2.	The Licensee shall comply with the Waste Management Plan , once approved.	WASTE MANAGEMENT PLAN
3.	Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised Waste Management Plan . The Licensee shall not commence Project activities prior to Board approval of the Plan.	WASTE MANAGEMENT PLAN – REVISED
4.	The Licensee shall comply with the Erosion and Sedimentation Management Plan , once approved.	EROSION AND SEDIMENTATION MANAGEMENT PLAN
5.	Within 90 days following the effective date of this Licence, the Licensee shall submit to the Board, for approval, a revised Erosion and Sedimentation Management Plan . The Plan shall be in accordance with the requirements of Schedule 2, Condition 1. The Licensee shall not commence Project activities prior to Board approval of the Plan.	EROSION AND SEDIMENTATION PLAN – REVISED
Inspection of Structures and Facilities		
6.	The Licensee shall conduct [enter frequency] inspections of the [enter names of structures/facilities] or as otherwise directed by an Inspector or the Board. Records of these inspections shall be made available to the Board or an Inspector upon request.	[FREQUENCY] INSPECTION OF [ENTER NAME OF STRUCTURES/FACILITIES]
Discharge Locations		
7.	The Licensee shall direct all dredged material as described in the approved Waste Management Plan referred to in Part F, Condition 2, or as authorized by the Inspector.	DREDGED WASTE DISPOSAL

Commented [EJ3]: Either Condition 2 or 3, depending on Board decision at issuance.

Commented [EJ4]: Either Condition 4 or 5, depending on Board decision at issuance.

Commented [TT5]: Board staff seeking reviewer feedback whether and at what frequency inspections should be conducted outside of what's outlined in the Town's management plan.

Commented [TT6]: Non-standard condition brought forward from the previous licence.

8.	A minimum of ten days prior to depositing any Waste into a licenced municipal facility, the Licensee shall provide written notification to the Board and an Inspector.	NOTIFICATION – WASTE DISPOSAL														
9.	The Licensee shall not dispose of Waste, including Wastewater, to any Watercourse, or to the ground surface within 100 metres of the Ordinary High-Water Mark of any Watercourse.	DISPOSAL LOCATION – ORDINARY HIGH-WATER MARK														
10.	Prior to disposing dredged material as described in the Waste Management Plan, the Licensee shall submit analytical results to the Board and the Inspector.	SUBMIT ANALYSIS PRIOR TO DREDGED MATERIAL DISPOSAL														
11.	The Licensee shall obtain representative samples of dredged material as per the following, or as authorized by an Inspector: <table border="1" data-bbox="142 835 950 1024"> <thead> <tr> <th>Volume of Soil (m³)</th> <th>Number of Composite Samples Required</th> </tr> </thead> <tbody> <tr> <td>1 - 50</td> <td>1</td> </tr> <tr> <td>51 - 500</td> <td>2</td> </tr> <tr> <td>501 - 1000</td> <td>3</td> </tr> <tr> <td>1001 - 2000</td> <td>4</td> </tr> <tr> <td>2001 - 4000</td> <td>5</td> </tr> <tr> <td>Each additional 1000</td> <td>1 additional</td> </tr> </tbody> </table>	Volume of Soil (m ³)	Number of Composite Samples Required	1 - 50	1	51 - 500	2	501 - 1000	3	1001 - 2000	4	2001 - 4000	5	Each additional 1000	1 additional	DREDGED MATERIAL SAMPLING REQUIREMENTS
Volume of Soil (m ³)	Number of Composite Samples Required															
1 - 50	1															
51 - 500	2															
501 - 1000	3															
1001 - 2000	4															
2001 - 4000	5															
Each additional 1000	1 additional															
12.	Representative samples of the dredged material shall meet the <i>Government of the Northwest Territories' Environmental Guideline for Contaminated Site Remediation</i> prior to disposal.	ENVIRONMENTAL GUIDELINE FOR CONTAMINATED SITE REMEDIATION														
13.	Prior to disposing dredged material to an appropriate final disposal location, the Licensee shall notify the Board and the Inspector.	NOTIFICATION – FINAL DISPOSAL														
Part G: Aquatic Effects Monitoring																
<i>Intentionally left blank.</i>																
Part H: Spill Contingency Planning																
1.	The Licensee shall ensure that Unauthorized Releases associated with the Project do not enter any Water.	OBJECTIVE – PREVENT WASTE INTO WATER														
2.	The Licensee shall comply with the Spill Contingency Plan , once approved.	SPILL CONTINGENCY PLAN														
3.	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.	SPILL CONTINGENCY PLAN – REVISED														

Commented [EJ7]: Non-standard condition brought forward from the previous licence and aligned with similar licence conditions for other dredging projects.

Commented [TT8]: Non-standard condition brought forward from the previous licence.

Commented [EJ9]: Non-standard condition brought forward from the previous licence.

Commented [EJ10]: Non-standard condition brought forward from the previous licence and aligned with similar licence conditions for other dredging projects.

Commented [EJ11]: Non-standard condition brought forward from the previous licence.

Commented [EJ12]: Either Condition 2 or 3, depending on Board's decision at issuance.

4.	The Licensee shall ensure that spill prevention infrastructure and spill response equipment is in place prior to commencement of the Project.	SPILL PREVENTION AND RESPONSE EQUIPMENT
5.	The Licensee shall restore all areas affected by spills and Unauthorized Releases to the satisfaction of an Inspector.	CLEAN UP SPILLS
6.	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.	MATERIAL STORAGE – ORDINARY HIGH-WATER MARK
Part I: Closure and Reclamation		
1.	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 3, Condition 1.	CLOSURE AND RECLAMATION PLAN – FINAL
2.	The Licensee shall endeavor to carry out Progressive Reclamation as soon as is reasonably practicable.	PROGRESSIVE RECLAMATION

Commented [EJ13]: Condition wording brought forward from previous Licence MV2018L7-0002.

Schedule 1: Annual Water Licence Report

	Condition
1.	The Annual Water Licence Report referred to in Part B, Condition 9 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) 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 Construction activities conducted in accordance with Part E of this Licence;
	e) A summary of major maintenance activities conducted in accordance with this Licence;
	f) A summary of activities conducted in accordance with the approved Waste Management Plan , referred to in Part F, Condition 2 of this Licence, including but not limited to: <ul style="list-style-type: none"> i. A summary of approved updates or changes to the process or facilities required for the management of Waste; and ii. Monthly and annual quantities, in cubic metres, of dredge material disposed of, by location;
	g) A summary of activities conducted in accordance with the approved Erosion and Sedimentation Management Plan , referred to in Part F, Condition 4 of this Licence, including: <ul style="list-style-type: none"> i. A summary of approved updates or changes to the process or facilities required for the management of erosion and sedimentation; ii. A description of any erosion susceptible areas encountered; iii. A summary of activities undertaken to prevent or mitigate erosion; iv. A report of the performance of mitigations applied to each area; v. A summary and interpretation of monitoring results, including any Action Level exceedances; and vi. A description of actions taken in response to any Action Level exceedances.
	h) A summary of the results and any actions taken as a result of the following inspections: <ul style="list-style-type: none"> i. Inspections conducted to fulfill Part F of this Licence; and ii. Inspections conducted under the Erosion and Sedimentation Management Plan, required under Part F of this Licence;
	i) A summary of activities conducted in accordance with the approved Spill Contingency Plan , referred to in Part H, Condition 2 of this Licence, including:

	Condition
	<ul style="list-style-type: none"> 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 2 of this Licence; and ii. An outline of any spill training carried out;
	<p>j) A summary of activities conducted in accordance with the Closure and Reclamation Plan, referred to in Part I, Condition 1 of this Licence, including:</p> <ul style="list-style-type: none"> i. Details of any Progressive Reclamation undertaken; ii. A discussion on whether planning and implementation remains on schedule, and a summary of any new scheduling setbacks; and iii. A summary of engagement conducted regarding Closure and Reclamation;
	<p>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;</p>
	<p>l) A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector;</p>
	<p>m) Any other details requested by the Board by November 1 of the year being reported.</p>

Schedule 2: Conditions Applying to Waste and Water Management

	Condition
1.	The Erosion and Sedimentation Management Plan referred to in Part F, Condition 4 shall include, but not be limited to, the following information:
	<p>a) Information regarding erosion, sedimentation, and permafrost degradation potential and management, including:</p> <ul style="list-style-type: none"> i. A summary of the areas identified as susceptible to erosion, sedimentation, and permafrost degradation; ii. Maps and/or diagrams, including: <ul style="list-style-type: none"> a. Locations of areas susceptible to erosion, sedimentation, and permafrost degradation; b. Locations of erosion and sedimentation management structures; c. Locations of erosion and sedimentation control equipment and supplies; and d. Monitoring locations. iii. A description of the process and criteria for assessing the risk of erosion, sedimentation, and/or permafrost degradation; iv. A description of the best management practices that will be employed for different levels of assessed risk; v. A description of Water management during sediment removal, deposit of waste, as well as installation of Gabion retaining wall and site grading; vi. A description of how climate change has been considered, including any linkages to other plans required under this Licence; and vii. Any other information required to describe how erosion and sediment release into the Receiving Environment, and permafrost degradation will be minimized.
	<p>b) Information regarding monitoring, including;</p> <ul style="list-style-type: none"> i. Details of the monitoring, including rationale, that will be undertaken with respect to the effectiveness and maintenance of erosion and sediment management practices, including: <ul style="list-style-type: none"> a. monitoring locations, parameters, frequencies, methods, and types of instrumentation; and b. predicted performance values for monitoring parameters based on expected facility design. ii. Linkages to other monitoring programs required under this Licence; and iii. Any other information about monitoring that will be performed to meet the objectives in Part F, Condition 1.
	<p>c) Information regarding responses to monitoring results, including:</p> <ul style="list-style-type: none"> i. A description of how the Licensee will link the results of monitoring to those corrective actions necessary to ensure that the objectives listed in Part F, Condition 1 are met. This description shall include: <ul style="list-style-type: none"> a. Definitions, with rationale, for Action Levels applicable to the performance of erosion and sedimentation control measures; and

	Condition
	<ul style="list-style-type: none"> b. For each Action Level, a description of how exceedances of the Action Level will be assessed and generally, which types of actions will be taken for the Action Levels exceeded.
	<ul style="list-style-type: none"> d) Information regarding contingency planning, including: <ul style="list-style-type: none"> i. A description of reasonably foreseeable scenarios; and ii. For each scenario identified in (d)(i) above: <ul style="list-style-type: none"> a. A description of response action options; and b. A risk-based analysis of response action options, identifying preferred options and alternate options.

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Schedule 3: Conditions Applying to Closure and Reclamation

	Condition
1.	The 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> i. [enter list of components]; ii. areas affected by spills or Unauthorized Releases; and iii. other areas affected by Project activities.
	g) For the Project site, a description of Closure and Reclamation plans, including, but not limited to: <ul style="list-style-type: none"> i. preferred Closure and Reclamation option and method for each Project component identified in Condition (f) above; iii. Water management and restoration of natural drainage; v. predicted environmental effects during and after Closure and Reclamation activities; vi. post-closure monitoring, maintenance, and reporting; vii. uncertainties and contingencies; and

Commented [EJ14]: Board staff seeking reviewer feedback on Project components to include.

	Condition
	viii. climate change considerations.
	h) A description of any planned Progressive Reclamation;
	i) implementation schedule that includes Progressive Reclamation and final Closure and Reclamation activities; and
	j) A Closure Cost Estimate.

Signed on behalf of the Mackenzie Valley Land and Water Board

Tanya MacIntosh, Chair

Enter NAME of Witness, Witness

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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

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