

Type B Water Licence MV2024L8-0006
Government of the Northwest Territories – Department of Infrastructure
Fort Liard Ferry Maintenance

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Part A: Scope and Defined Terms

Scope:	Condition Title
<p>1. This Licence entitles the Licensee to use Water and deposit Waste for miscellaneous activities at the Fort Liard Ferry Maintenance Project: The scope of this Licence includes the following:</p> <ul style="list-style-type: none">a) Sediment removal from the Fort Liard River;b) Deposit of Waste at the Temporary Storage Areas, as identified in the Monitoring Plan for the Fort Liard Ferry Landing Maintenance ; andc) Progressive Reclamation and associated Closure and Reclamation activities.	SCOPE
<p>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.</p>	LEGISLATION SUBJECT TO CHANGE
<p>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.</p>	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*.

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 in the Receiving Environment.

Dredged Material – The riverbed sediment that is removed during the Project and placed in the Temporary Storage Areas.

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.

Freeboard – the vertical distance between the still Water or Wastewater line and the lowest elevation of the effective Water or Wastewater containment crest on the upstream slope of a containment structure.

Hazardous Waste - a Waste which, because of its quantity, concentration, or characteristics, may be harmful to human health or the environment when improperly treated, stored, transported, or disposed of.

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, 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).

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

Defined Terms:¹

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.

Receiving Water – the Water in the Receiving Environment that receives any direct or indirect Deposit of 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*.

Sump – a human-made excavation or a natural depression designated for depositing Water and/or Waste.

Surveillance Network Program (SNP) – a monitoring program required by this Licence and detailed in Schedule 1.

Temporary Storage Areas – the area(s) designated to contain Dredged Material, as per the [Monitoring Plan for the Fort Liard Ferry Landing Maintenance Plan](#).

Unauthorized Release – a release to the Receiving Environment of any Water or Waste not authorized under this Licence.

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

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, but is not limited to, Groundwater, springs, swamps, and gulches.

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

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*.

Condition	Condition Title
Part B: General Conditions	
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 LWB <i>Standard Outline for Management Plans</i> , unless otherwise specified.	MANAGEMENT PLAN FORMAT
8. The Licensee shall comply with all plans 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 and make any revisions necessary to reflect changes in operations, contact information, or other details. No later than March 31, 2025, 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

Condition	Condition Title
10. The Licensee may propose changes at any time by submitting revised plans 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 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 Licensee shall comply with the Annexes, which form part of this Licence.	COMPLY WITH ANNEX(ES)
16. 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)
17. 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
18. 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)
19. 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
20. Beginning March 31, 2025, 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
21. The Licensee shall comply with the Engagement Plan , once approved.	ENGAGEMENT PLAN

Condition	Condition Title
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 for overseeing the Project. Written notification shall be provided to the Board and an Inspector if any changes occur.	NOTIFICATION – COMMENCEMENT
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

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Part D: Water Use

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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
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Condition	Condition Title
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. 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
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Management and Monitoring Plans

2. The Licensee shall comply with the Monitoring Plan for the Liard Ferry Landing Maintenance , once approved.	MONITORING PLAN FOR THE LIARD FERRY LANDING MAINTENANCE
3. The Licensee shall comply with the Sediment and Erosion Control Plan , once approved.	SEDIMENT AND EROSION CONTROL PLAN
4. A minimum of ten days prior to commencing dredging activities, the Licensee shall submit, to the Board, the TSS-Turbidity Curve, as per the Monitoring Plan for the Liard Ferry Landing Maintenance.	TSS-TURBIDITY CURVE

Inspection of Structures and Facilities

5. The Licensee shall conduct weekly inspections of the Temporary Storage Sites 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.	WEEKLY INSPECTION OF TEMPORARY STORAGE SITES
6. The Licensee shall conduct daily erosion inspections of Discharge locations during periods of Discharge, or more frequently as directed by an Inspector. Records of these inspections shall be made available to the Board or an Inspector upon request.	DAILY INSPECTIONS OF DISCHARGE LOCATIONS

Condition	Condition Title
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Discharge and Disposal Locations and Rates

- | 7. | The Licensee shall dispose of all Waste as described in the approved Waste Management Plan . | WASTE MANAGEMENT PLAN | | | | | | | | | | | | |
|--|---|---|-------------------------------|-----------------|------|---|--------|---|-----------|---|-------------|---|-------------|---|
| 8. | 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. | NOTIFICATION – WASTE DISPOSAL | | | | | | | | | | | | |
| 9. | A minimum of ten days prior to commencing dredging activities, the Licensee shall submit, to the Board, the location coordinates for all SNP stations. | SURVEILLANCE NETWORK PROGRAM - STATION LOCATIONS | | | | | | | | | | | | |
| 10. | Prior to removing Dredged Material from the Temporary Storage Sites for reuse, the Licensee shall ensure all Dredged Material meets the remediation criteria in the most current version of the <i>Government of the Northwest Territories’ Environmental Guideline for Contaminated Site Remediation</i> . | TEMPORARY STORAGE SITES – REUSE CRITERIA | | | | | | | | | | | | |
| 11. | The Licensee shall ensure that any representative samples of Dredged Material collected and analyzed meet the following sampling requirements, at a minimum: | TEMPORARY STORAGE SITES – DREDGED MATERIAL SAMPLING REQUIREMENTS | | | | | | | | | | | | |
| <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Soil Volume (m³)</th> <th style="text-align: center;">Sample Quantity</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1-50</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">51-100</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">101-1,000</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">1,001-2,000</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">2,001-4,000</td> <td style="text-align: center;">5</td> </tr> </tbody> </table> | | | Soil Volume (m ³) | Sample Quantity | 1-50 | 1 | 51-100 | 2 | 101-1,000 | 3 | 1,001-2,000 | 4 | 2,001-4,000 | 5 |
| Soil Volume (m ³) | Sample Quantity | | | | | | | | | | | | | |
| 1-50 | 1 | | | | | | | | | | | | | |
| 51-100 | 2 | | | | | | | | | | | | | |
| 101-1,000 | 3 | | | | | | | | | | | | | |
| 1,001-2,000 | 4 | | | | | | | | | | | | | |
| 2,001-4,000 | 5 | | | | | | | | | | | | | |
| 12. | 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 | | | | | | | | | | | | |

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 Releases associated with the Project do not enter any Water. | OBJECTIVE – PREVENT WASTE INTO WATER |
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Condition	Condition Title
2. The Licensee shall comply with the Spill Contingency Plan , once approved.	SPILL CONTINGENCY PLAN
3. If a spill or an Unauthorized Release occurs or is foreseeable, the Licensee shall: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> • Telephone: (867) 920-8130 • Fax: (867) 873-6924 • 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. 	REPORT SPILLS
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. The Licensee shall endeavor to carry out approved Progressive Reclamation as soon as is reasonably practicable.	PROGRESSIVE RECLAMATION
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Signed on behalf of the Mackenzie Valley Land and Water Board

Tanya MacIntosh, Chair

Amanda Gauthier, Witness

Schedule 1: Surveillance Network Program (SNP)

Reporting Requirements

1. The Licensee shall, within thirty (30) days following the month being reported, submit to the Board and an Inspector, in electronic and printed format acceptable to the Board, a **Surveillance Network Program Report**, which shall include, but not be limited to the following:
 - a) Tabular summaries of all data and information generated under the SNP for the month being reported, including rationale for SNP sites where samples were not collected (but should have been) and results and interpretation of quality assurance / quality control procedures;
 - b) Information regarding the calibration and status of the meters and devices referred to in Part B, Item 6 (of the body);
 - c) The coordinates of all SNP sites which were established within the month being reported, including an updated map identifying the locations of all the SNP sites and
 - d) A tabular summary of cumulative water use.
2. More frequent sample collection may be required at the request of an Inspector.
3. All sampling, sample preservation, and analyses shall be conducted in accordance with methods prescribed in the current edition of APHA "Standard Methods for the Examination of Water and Wastewater" at the time of analysis, or by such other 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.
5. A minimum of sixty (10) days prior to the collection of SNP samples, the Licensee shall submit to an Analyst for approval, a **Quality Assurance and Quality Control (QA/QC) Plan**, which shall include a list of techniques that will be used to collect and analyze samples collected under the SNP.
6. The Licensee shall adhere to the QA/QC Plan, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in Operations or as directed by the Board. Revisions to the plan shall be submitted to the Analyst for approval.
7. If the QA/QC Plan is not approved by the Analyst, the Licensee shall revise the plan according to the Analyst's direction and re-submit it to the Analyst for approval.

Surveillance Network Station Descriptions and Sampling Requirements

1. SNP Station information is set out below. The location of each Station is approximate and subject to approval from an Inspector.

SNP Station Quick Reference Guide

Station #	Description	UTM Coordinates (Zone11V)	Status
SNP – 1	Monitor Sump Water quality, Sump 1	To be determined	Active
SNP – 2	Monitor Sump Water quality, Sump 2	To be determined	Active
SNP – 3	Monitor Sump Water quality, Sump 3	To be determined	Active
SNP – 4	Monitor Sump Water quality, Sump 3	To be determined	Active

Sumps

SNP Station - 1

Description:	Sump 1
Location:	N: TBD E: TBD
Sampling Frequency:	Weekly, during dewatering
Sampling Parameters:	Field parameters ¹ Total and dissolved solids Major ions ² Total and dissolved metals ³ Petroleum hydrocarbons ⁴
Rationale:	To monitor water quality as per the Monitoring Plan for the Liard Ferry Landing Maintenance
Status:	Active

SNP Station - 2

Description:	Sump 2
Location:	N: TBD E: TBD
Sampling Frequency:	Weekly, during dewatering
Sampling Parameters:	Field parameters ¹ Total and dissolved solids Major ions ² Total and dissolved metals ³ Petroleum hydrocarbons ⁴
Rationale:	To monitor water quality as per the Monitoring Plan for the Liard Ferry Landing Maintenance
Status:	Active

SNP Station - 3

Description:	Sump 3
Location:	N: TBD E: TBD
Sampling Frequency:	Weekly, during dewatering
Sampling Parameters:	Field parameters ¹ Total and dissolved solids Major ions ² Total and dissolved metals ³

	Petroleum hydrocarbons ⁴
Rationale:	To monitor water quality as per the Monitoring Plan for the Liard Ferry Landing Maintenance
Status:	Active

SNP Station - 4

Description:	Sump 4
Location:	N: TBD E: TBD
Sampling Frequency:	Weekly, during dewatering
Sampling Parameters:	Field parameters ¹ Total and dissolved solids Major ions ² Total and dissolved metals ³ Petroleum hydrocarbons ⁴
Rationale:	To monitor water quality as per the Monitoring Plan for the Liard Ferry Landing Maintenance
Status:	Active

¹Field Parameters shall include the following measurements:

pH	Temperature
Conductivity	Dissolved Oxygen

²Major ions shall include the following parameters:

Calcium	Magnesium
Chloride	Sodium
Alkalinity	Fluoride
Total Dissolved Solids*	Potassium
Sulphate	Total Hardness

* Total dissolved solids (calculated) shall be calculated as per the American Public Health Association's *Standard Methods for the Examination of Water and Wastewater, 21st Edition (2005)*:

$$TDS_{calc} \text{ (mg/L)} = (0.6 \times \text{Total Alkalinity as CaCO}_3) + Na^+ + Mg^+ + K^+ + Ca^{2+} + SO_4^- + Cl^- + NO_3^- + F^- + SiO_3^{2-}$$

³ICP-MS Metal Scan shall include, at a minimum, the following parameters:

Aluminum	Manganese
Antimony	Mercury
Arsenic	Molybdenum
Barium	Nickel
Beryllium	Rubidium
Boron	Selenium
Cadmium	Silver
Cesium	Strontium
Chromium	Thallium
Cobalt	Titanium
Copper	Uranium
Iron	Vanadium

Lead	Zinc
Lithium	

⁴Petroleum Hydrocarbons shall include the following parameters:

Fraction 1 (C1 – C10)	Fraction 2 (>C10-C16)
Fraction 3 (>C16-C34)	Fraction 4 (>C34)
BTEX (Benzene, Toluene, Ethylbenzene, and Xylene)	

Schedule 2: Annual Water Licence Report

Condition

1. The **Annual Water Licence Report** referred to in Part B, Condition 20 of this Licence shall include, but not be limited to, the following information about activities conducted during the previous calendar:
 - 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 21 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 **Monitoring Plan for the Liard Ferry Landing Maintenance**, referred to in Part F, Condition 2 of this Licence, including:
 - i. A summary of approved updates or changes to the process or facilities required for the management of Water and Wastewater;
 - ii. A summary and interpretation of water quality monitoring results, including any Action Level exceedances;
 - iii. A description of actions taken in response to any Action Level exceedances; and
 - iv. A summary and interpretation of monitoring results of Dredged Material.
 - h) A summary of activities conducted in accordance with the approved **Waste Management Plan**, referred to in Part F, Condition 7 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 Dredged Material disposed of, by location;
 - iii. Monthly and annual quantities, in cubic metres, of Dredged Material removed from the Temporary Storage Sites, identified by location; and
 - iv. A map depicting the location of the Temporary Storage Sites and Sumps.
 - i) A summary of activities conducted in accordance with the approved **Sediment and Erosion Control 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 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.

Condition

- j) A summary of the results and any actions taken as a result of the following inspections:
 - i. Inspections conducted to fulfill Condition WEEKLY INSPECTION OF TEMPORARY STORAGE SITES of this Licence;
- k) 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 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 3 of this Licence; and
 - ii. An outline of any spill training carried out.
- l) A summary of any Closure and Reclamation work completed;
- 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;
- n) A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector;
- o) Any other details requested by the Board by November 30 of the year being reported.

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 B, Condition 20	Annual Water Licence Report	Beginning March 31, 2025, 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.
Part B, Condition 21	Engagement Plan	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, 2025, each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.
Part F, Condition 2	Monitoring Plan for the Liard Ferry Landing Maintenance	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, 2025, each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.
Part F, Condition 3	Sediment and Erosion Control Plan	The Licensee shall conduct an annual review of all plans and

		<p>make any revisions necessary to reflect changes in operations, contact information, or other details. No later than March 31, 2025, each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.</p>
Part F, Condition 7	Waste Management Plan	<p>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, 2025, each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.</p>
Part H, Condition 2	Spill Contingency Plan	<p>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, 2025, each year, the Licensee shall send a notification letter to the Board, listing the documents that have been reviewed and do not require revisions.</p>

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