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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: **1BR-BIR1314**

August 16, 2013

David Wilson
Stantec Consulting Ltd.
1331 Clyde Avenue, Suite 400
Ottawa, ON K2C 3G4
Email: David.Wilson@stantec.com

Julie Ross
Golder Associates Ltd.
16820-107 Avenue
Edmonton, AB T5P 4C3
Email: Julie_Ross@golder.com

RE: NWB Licence No. 1BR-BIR1314

Dear Mr. Wilson and Ms. Ross:

Please find attached Licence No. **1BR-BIR1314** issued to Stantec Consulting Ltd. ("Stantec") by the Nunavut Water Board (NWB) pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada (Nunavut Land Claims Agreement or NLCA)*. The terms and conditions of the attached Licence related to Water use and Waste disposal are an integral part of this approval.

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

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

The NWB strongly recommends that the Licensee consult the comments received by interested persons on issues identified. This information is attached for your consideration.¹

Sincerely,

A handwritten signature in dark ink, appearing to read 'T. Kabloona', written over a horizontal line.

Thomas Kabloona
Nunavut Water Board
Chair

TK/KK/mp

Enclosure: Licence No. **1BR-BIR1314**
Comments – AANDC and EC

Cc: Qikiqtani Distribution List

¹ Aboriginal Affairs and Northern Development Canada (AANDC), August 9, 2013; and Environment Canada (EC), August 8, 2013.

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DECISION

LICENCE NUMBER: 1BR-BIR1314

This is the decision of the Nunavut Water Board (NWB) with respect to an application dated May 2, 2013 for a new Water Licence made by:

STANTEC CONSULTING LTD

to allow for the use of Water and disposal of Waste during camp operations at the Bathurst Island Remediation – Phase III Environmental Site Assessment Project located within the Qikiqtani Region, Nunavut generally located at the geographical coordinates as follows:

Project Entent

NW:	Latitude: 76° 32' 02" N	Longitude: 105° 22' 31" W
NE:	Latitude: 76° 32' 02" N	Longitude: 97° 31' 07" W
SE:	Latitude: 75 75° 00' 13" N	Longitude: 97° 31' 07" W
SW:	Latitude: 75° 00' 13" N	Longitude: 105° 22' 31" W

Camp Location(s)

Latitude: 76° 08' 20" N	Longitude: 104° 03' 42" W and (or)
Latitude: 76° 19' 35" N	Longitude: 104° 04' 35" W

DECISION

After having been satisfied that the application was in conformity with the North Baffin Regional Land Use Plan (NBRLUP)¹ and subject to a 12.4.4(a) Screening Decision by the Nunavut Impact Review Board² in accordance with Article 12 of the *Nunavut Land Claim Agreement (NLCA)*, the NWB decided that the application could proceed through the regulatory process. In accordance with S.55.1 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (Act)* and Article 13 of the *NLCA*, public notice of the application was given and interested persons were invited to make representations to the NWB.

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

Licence No. 1BR-BIR1314 be issued subject to the terms and conditions contained therein (Motion #: 2013-B1-031).

Signed this 14th day of August, 2013 at Gjoa Haven, NU.



Thomas Kabloona
Nunavut Water Board
Chair
TK/KK/mp

¹ NPC Conformity Determination dated May 24, 2013.

² NIRB Screening Decision dated July 08, 2013.

BACKGROUND

Bathurst Island Remediation – Phase III Environmental Site Assessment Project (Project) includes several individual Areas of Potential Environmental Concern (APECs), grouped together in order to conduct one Phase III Environmental Site Assessment (ESA). The largest site associated with the project is Bent Horn, and it is located on Cameron Island, approximately 310 kilometres northwest of Resolute, Nunavut; the other smaller satellite sites, which are located between 20 to 150 kilometres from Bent Horn, include Île Vanier, Stokes Range, Young Inlet, Humphries Hill and two abandoned drill pads on southern Bathurst Island.

Contamination at the APECs is the result of oil and gas exploration and subsequent abandonment between 1970s and 1990s. The Phase III ESA activities will be conducted by Stantec on behalf of Public Works and Government Services Canada (PWGSC) and Aboriginal Affairs and Northern Development Canada (AANDC), following standard procedures (e.g., INAC Abandoned Military Site Remediation Protocol). The objectives are as follows: identify, characterize and quantify hazardous and non-hazardous materials; identify and delineate contaminated soils; complete a detailed site survey, including documentation of plants and animals; identify borrow sources that may be used for the potential repair or construction of infrastructure; evaluate the condition of site access roads; and identify the logistical challenges of future site remediation activities.

Soil sampling will be conducted to delineate and quantify the volume of soil contaminated by inorganic elements and/or soil cross contaminated by both inorganic elements and petroleum hydrocarbons (PHC). The objective of hazardous material characterization is to increase the level of accuracy of the known impacts to the APECs. A full survey of the sites will be completed using total station equipment; site infrastructure, topography and samples will be incorporated into this survey. The condition of much of the abandoned infrastructure, such as Waste disposal pits/landfills, airstrips and access roads previously identified, will be assessed in relation to their condition and functionality. Geotechnical and geophysical assessments may be conducted to identify potential remediation land use areas.

The purpose of the Project is to develop a site-specific risk based approach to ensure sensible decisions are made with respect to future remediation options, and to ensure that the degree of potential risk posed by the presence of contaminants at the Project site is reduced. A temporary soft-sided camp will be set up on either Ile Vanier or Cameron Island to conduct this work. Domestic camp Water and Waste activities will be the only Water undertakings (there will be no drilling). A field crew of approximately 15 people will be on site for about 30 days to conduct this work, with plans to set up camp at Ile Vanier or Cameron Island. Two all-terrain vehicles (ATVs), two helicopters and either a Twin Otter or Buffalo aircraft will be on site to assist with transportation logistics. This assessment is necessary for PWGSC to meet their commitments to clean up listed contaminated sites in Nunavut on behalf of AANDC.

PROCEDURAL HISTORY

The NWB received on May 2, 2013 and May 14, 2013, the following documents, as part of the new Water Licence Application (Application) from AANDC, in support of the Bathurst Island Remediation – Phase III Environmental Site Assessment Project:

May 2, 2013

- Cover letter dated May 2, 2013;
- General Water Licence Application dated May 2, 2013;
- Remote Camp Questionnaire;
- Additional Information - Description of Undertaking dated May 2, 2013;
- Agent Authorization letter dated May 2, 2013;
- Industry Canada Certificate of Compliance dated January 18, 2013;
- Stantec Inc. Corporate Entity Structure and Financial Review as of March 31, 2013;
- Map of Area Figures 1-2 dated April 30, 2013;
- Project Summary (English & Inuktitut) dated May 2, 2013;
- Bathurst Island Remediation - Phase III Environmental Site Assessment Closure and Restoration Plan dated May 3, 2013;
- Stantec Health and Safety Plan Spill Contingency Plan updated 2012;
 - Annex 1 MSDS Data Sheets.

May 14, 2013

- Canadian Wildlife Service Permit Application (English & Inuktitut) dated April 30, 2013; and
- Section 4 Consent Information

Following an internal preliminary technical review, the NWB determined that the Application met the requirements of section 48(1) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWSRTA or Act) and distributed notice of the Application on July 10, 2013 to interested parties. All parties were invited to make representations to the NWB within thirty (30) days. Prior to the deadline for comments, set for August 10, 2013, submissions were received from AANDC – Water Resources Division and Environment Canada (EC). The Interveners provided several comments and recommendations aimed at ensuring that any potential adverse effects of the project are minimized.

On May 24, 2013, the Nunavut planning Commission (NPC) confirmed that the project proposal conforms to North Baffin Regional Land Use Plan (NBRLUP).

On July 8, 2013, the Nunavut Impact Review Board (NIRB) issued a Screening Decision as per Section 12.4.4(a) of the *Nunavut Land Claim Agreement (NLCA)* stating that the proposal may be processed without a review under Part 5 or 6, and recommended project-specific terms and conditions.

Based upon the results of the detailed assessment of the Application, including consideration of any potential accidents, malfunctions, or impacts to Water that the overall project might have on the area, the Board has approved the Application and has issued Water Licence 1BR-BIR1314.



NUNAVUT WATER BOARD WATER LICENCE

Licence No. 1BR-BIR1314

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

STANTEC CONSULTING LTD

(Licensee)

1331 CLYDE AVENUE, SUITE 400, OTTAWA K2C 3G4

(Mailing Address)

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

Licence Number/Type: 1BR-BIR1314 TYPE "B"

Water Management Area: BATHURST AND CORNWALLIS ISLANDS WATERSHED (55) & WESTERN DEVON ISLAND WATERSHED (56)

Location: BATHURST ISLAND REMEDIATION – III PHASE
ENVIRONMENTAL SITE ASSESSMENT PROJECT
QIKIQTANI REGION, NUNAVUT

Classification: INDUSTRIAL UNDERTAKING

Purpose: DIRECT WATER USE AND DEPOSIT OF WASTE

Quantity of Water use not to Exceed: TWO (2) CUBIC METRES PER DAY

Date of Licence Issuance: AUGUST 14, 2013

Expiry of Licence: AUGUST 31, 2014

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

Thomas Kabloona,
Nunavut Water Board
Chair

PART A: SCOPE, DEFINITIONS AND ENFORCEMENT

1. Scope

This Licence allows for the use of Water and the disposal of Waste for an Industrial Undertaking classified as per Schedule 1 of the *Regulations* at the Bathurst Island Remediation – Phase III Environmental Site Assessment Project, located approximately 310 km Northwest of Resolute Bay within the Qikiqtani Region, Nunavut.

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

2. Definitions

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

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

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

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

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

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

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

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

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

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

“Licensee” means the holder of this Licence;

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

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

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

“Sewage” means all toilet Wastes and Greywater;

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

“Sump” means an excavation in impermeable soil for the purpose of catching or storing Water or Waste;

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

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

because it has been treated or changed, by heat or other means.

“Water” or “Waters” mean(s) waters as defined in section 4 of the Act.

3. Enforcement

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

PART B: GENERAL CONDITIONS

1. The Water use fees, payable to the Receiver General for Canada, shall be sent to the Board annually for the right to the use of Water in accordance with Section 12 of the *Regulations*.
2. The Licensee shall file an Annual Report on the Appurtenant Undertaking with the Board within sixty (60) days of completion of the field program, containing the following information:
 - a. A summary report of Water use and Waste disposal activities;
 - b. A list of unauthorized discharges and a summary of follow-up actions taken;
 - c. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;
 - d. A summary of all information requested and results of the Monitoring Program;
 - e. Any other details on Water use or Waste disposal requested by the Board by November 1 of the year being reported; and
 - f. The GPS coordinates and location(s) of camp(s) and airstrips, helicopter pads established.
3. The Licensee shall notify the NWB of any changes in operating plans or conditions associated with this project at least thirty (30) days prior to any such change.
4. The Licensee shall install flow meters or other such devices, or implement suitable methods required for the measuring of Water volumes as required under Part J, Item 1.

5. The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted, cannot be undertaken without subsequent written Board approval and direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection or alteration of the Plan.
6. The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board in writing.
7. The Licensee shall review the Plans referred to in this Licence, as required by changes in operation and/or technology, and modify the Plan accordingly. Revisions to the Plans shall be submitted in the form of an Addendum to be included with the Annual Report.
8. Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and conditions imposed upon approval of a Plan by the Board become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.
9. The Licensee shall ensure a copy of this Licence is maintained at the site of operations at all times. Any communication with respect to this Licence shall be made in writing to the attention of:
 - (a) **Manager of Licensing:**
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Telephone: (867) 360-6338
Fax: (867) 360-6369
Email: licensing@nunavutwaterboard.org
 - (b) **Inspector Contact:**
Manager of Field Operations, AANDC
Nunavut District, Nunavut Region
P.O. Box 100
Iqaluit, NU X0A 0H0
Telephone: (867) 975-4295
Fax: (867) 979-6445
10. The Licensee shall submit one paper copy and one electronic copy of all reports, studies, and plans to the Board. Reports or studies submitted to the Board by the Licensee shall include a detailed executive summary in Inuktitut (and/or Inuinnaqtun).
11. The Licensee shall ensure that any document(s) or correspondence submitted by the Licensee to the NWB is received and acknowledged by the Manager of Licensing.
12. This Licence is assignable as provided for in Section 44 of the *Act*.

PART C: CONDITIONS APPLYING TO WATER USE

1. The Licensee shall obtain all Water for domestic camp use from an unnamed lake(s) adjacent to the proposed camp(s). Total camp Water use shall not exceed two (2) cubic metres per day.
2. The Licensee shall provide a notice to an Inspector and the Board that includes the coordinates of the Water source(s) referred to in Part C, Item 1 at least ten (10) days prior to starting water use or once available.
3. If the Licensee requires Water in sufficient volume that the source Water body may be drawn down the Licensee shall, at least thirty (30) days prior to commencement of use of Water, submit to the Board for approval in writing, the following: volume required, hydrological overview of the Water body, details of impacts, and proposed mitigation measures.
4. The Licensee shall equip all Water intake hoses with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw Water at a rate such that fish do not become impinged on the screen.
5. The Licensee shall not remove any material from below the ordinary High Water Mark of any Water body unless authorized.
6. The Licensee shall not cause erosion to the banks of any body of Water and shall provide necessary controls to prevent such erosion.
7. Sediment and erosion control measures shall be implemented prior to and maintained during the undertaking to prevent entry of sediment into Water.

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

1. The Licensee shall locate areas designated for Waste disposal at a minimum distance of thirty one (31) metres from the ordinary High Water Mark of any Water body such that the quality, quantity or flow of Water is not impaired, unless otherwise approved by the Board in writing.
2. The Licensee shall not practice on-site land filling of domestic Waste, unless otherwise approved by the Board in writing.
3. The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of Waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding Waters, unless otherwise approved by the Board in writing.
4. The Licensee shall provide to the Board documented authorization from the communities prior to any backhauling and disposal of Wastes to those communities.

5. The Licensee shall backhaul and dispose of all hazardous Wastes, Waste oil and non-combustible Waste generated through the course of the operation at a licensed Waste disposal site.
6. The Licensee shall maintain records of all Waste backhauled and records of confirmation of proper disposal of backhauled Waste. These records shall be made available to an Inspector upon request.
7. The Licensee shall contain all grey Water in a sump located at a distance of at least thirty one (31) metres above the ordinary High Water Mark of any Water body, at a site where direct flow into a Water body is not possible and no additional impacts are created, unless otherwise approved by the Board in writing.
8. The Licensee shall contain all toilet Wastes in latrine pits or use incineration, chemical, portable or composting toilets. Latrine pits shall be located at a distance of at least thirty one (31) metres above the ordinary High Water Mark of any Water body, treated with lime and covered with native material to achieve the pre-existing natural contours of the land prior to abandonment.

PART E: CONDITIONS FOR CAMPS, ACCESS INFRASTRUCTURES AND OPERATIONS

1. The Licensee is allowed to erect camp(s) at one or two locations as indicated in the Water Licence Application dated May 2, 2013.
2. The Licensee shall provide a notice to an Inspector and the Board that includes the coordinates of the camp(s) referred to in Part E, Item 1 at least ten (10) days prior to erecting the camp(s) or once available.
3. The Licensee shall not erect camps or store material on the surface of frozen streams or lakes including the immediate banks except what is for immediate use. Camps shall be located such as to minimize impacts on surface drainage.
4. The Licensee shall conduct all activities in such a way as to minimize impacts on surface drainage and the Licensee shall immediately undertake corrective measures in the event of any impacts on surface drainage.
5. The Licensee shall construct all winter lake and stream crossings, including ice bridges, entirely of Water, ice or snow. The Licensee shall minimize disturbance by locating ice bridges in an area that requires the minimum approach grading and the shortest crossing route. Stream crossings shall be removed or the ice notched prior to spring break-up.
6. With respect to access road, pad construction or other earthworks, the deposition of debris or sediment into or onto any Water body is prohibited. These materials shall be disposed of at a distance of at least thirty one (31) metres from the ordinary High Water Mark in such a fashion that they do not enter Water.

PART F: CONDITIONS APPLYING TO DRILLING AND TRENCHING OPERATIONS

1. The Licensee is not authorized to drill under the provisions of this Licence.

PART G: CONDITIONS APPLYING TO MODIFICATIONS

1. The Licensee may, without written consent from the Board, carry out Modifications to the Water Supply Facilities and Waste Disposal Facilities provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:
 - a. the Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications;
 - b. such Modifications do not place the Licensee in contravention of the Licence or the *Act*;
 - c. such Modifications are consistent with the NIRB Screening Decision;
 - d. the Board has not, during the sixty (60) days following notification of the proposed Modifications, informed the Licensee that review of the proposal will require more than sixty (60) days; and
 - e. the Board has not rejected the proposed Modifications.
2. Modifications for which all of the conditions referred to in Part G, Item 1 have not been met can be carried out only with written approval from the Board.
3. The Licensee shall provide as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the Modification. These plans and drawings shall be stamped by an Engineer.

PART H: CONDITIONS APPLYING TO SPILL CONTINGENCY PLANNING

1. The Licensee shall submit for Board approval, within thirty (30) days of issuance of the Licence, a revised Spill Contingency Plan, in the format set out by the Consolidation of Spill Contingency Planning and Reporting Regulations R-068-93 addressing the followings:
 - a. Identification of a 24 hour contact person in charge including their name, title and contact information;
 - b. Spill Reporting procedures;
 - c. A topographic map of appropriate scale which shall details all fuel storage and spill kit locations, site infrastructure and facilities, and nearby water bodies;
 - d. Contingency measures to address different spill scenarios such as a spill on land or water;
 - e. A section pertaining to the training;

- f. Contact information for the agencies/persons to be contacted in the event of a spill including their phone numbers etc.; and
 - g. NT-NU 24-Hour Spill Line should be contacted as required in the NT-NU Spill Report Form (which should be included in the Spill Contingency Plan) and a spill report should be submitted to the NWB within 30 days of a spill, regardless of the quantity.
- 2. The Licensee shall prevent any chemicals, petroleum products or Wastes associated with the project from entering Water. All sumps and fuel caches shall be located at a distance of at least thirty one (31) metres from the ordinary High Water Mark of any adjacent Water body and inspected on a regular basis.
- 3. The Licensee shall conduct any equipment maintenance and servicing in designated areas and shall implement special procedures (such as the use of drip pans) to manage motor fluids and other Waste and contain potential spills.
- 4. If during the term of this Licence, an unauthorized discharge of Waste occurs, or if such a discharge is foreseeable, the Licensee shall:
 - a. Employ the approved Spill Contingency Plan;
 - b. Report the spill immediately to the 24-Hour Spill Line at (867) 920-8130 and to the Inspector at (867) 975-4295; and
 - c. For each spill occurrence, submit to the Inspector, no later than thirty (30) days after initially reporting the event, a detailed report that will include the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain and clean up the spill site.

PART I: CONDITIONS APPLYING TO ABANDONMENT AND RESTORATION OR TEMPORARY CLOSING

- 1. The Board has approved the Plan entitled “Bathurst Island Remediation – Phase III Environmental Site Assessment Closure and Restoration Plan” dated May 3, 2013 and submitted as additional information with the Application.
- 2. The Licensee shall carry out progressive reclamation of any components of the project no longer required for the Licensee’s operations.
- 3. The Licensee shall backfill and restore all sumps to the pre-existing natural contours of the land.
- 4. The Licensee shall remove from the site, all infrastructure and site materials, including all fuel caches, drums, barrels, buildings and contents, docks, Water pumps and lines, material and equipment prior to the expiry of this Licence.

5. Areas that have been contaminated by hydrocarbons from normal fuel transfer procedures shall be reclaimed to meet objectives as outlined in the Government of Nunavut's Environmental Guideline for Site Remediation, 2010. The use of reclaimed soils for the purpose of back fill or general site grading may be carried out only upon consultation and approval by the Government of Nunavut, Department of Environment and an Inspector.
6. The Licensee shall contour and stabilize all disturbed areas to a pre-disturbed state upon completion of work.

PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM

1. The Licensee shall measure and record, in cubic metres, the daily quantities of Water utilized for camp, drilling, trenching and other purposes.
2. The Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where sources of Water are utilized for all purposes.
3. The Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where Wastes associated with camp operations and exploration activities are deposited.
4. Additional monitoring requirements may be requested by an Inspector.
5. The Licensee shall include in the Annual Report required under Part B, Item 2 all data, monitoring results and information required by this Part.