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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: 8WLC-GBI1819

February 5, 2018

Dr. Grant Gilchrist
National Wildlife Research Centre
Carleton University
1125 Colonel By Drive
Ottawa, ON K1A 0H3

Email: Grant.Gilchrist@canada.ca; Catherine.geoffroy@canada.ca

Subject: Approval No. 8WLC-GBI1819 – Approval for the Use of Waters and a deposit of Waste Without a Licence for the Community-Based Monitoring of Sea Ice and Eider Duck Populations around the Belcher Islands, Nunavut

Dear Mr. Gilchrist,

Please find attached Approval No. **8WLC-GBI1819**, issued to National Wildlife Research Centre by the Nunavut Water Board (NWB or Board), 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 (the Nunavut Agreement)*. The Approval has been authorized for a period of one (1) year after the day on which the Board approves the Application and includes conditions related to the use of Waters and Deposit of Waste, which are an integral part of this Approval required for this type of authorization under the *Nunavut Waters Regulations* (NWR).

This approval and the conditions contained therein permit the carrying out of activities involving the use of Waters and Deposit of Waste with respect to an Application for approval. Any variation from these activities may result in a violation of this Approval and contravention of the Nunavut Agreement, the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWNSTRTA) or the NWR. The NWB reminds the Applicant of the obligations with respect to reclamation and reporting, which will arise as this Approval approaches its expiry.

If the activities authorized under the Approval are expected to continue longer than the term authorized, it is recommended that the Authorized Entity, upon receipt of confirmation¹ from the Nunavut Planning Commission (NPC) and the Nunavut Impact Review Board (NIRB) that relevant requirements have been satisfied, apply for a new Approval at least thirty (30) days prior

¹Nunavut Planning Commission (NPC) and the Nunavut Impact Review Board (NIRB) Requirements under the Nunavut Planning and Project Assessment Act (NuPPAA)t.

to the expiry of the current authorization. Note that if the existing approval expires before the NWB issues a new Approval, the use of Waters and deposit of Waste must cease as required by the Nunavut Agreement and the NWNSRTA.

Please note that, as identified in the Application for the Approval for Use of Waters or Deposit of Waste Without A Licence, the Authorized Entity has held, or currently holds an expired Type “B” Water Licence No. 3BC-GBI1114 that applied to the carrying out of activities involving the use of Waters or the deposit of Waste now included under this approval without a licence, No. 8WLC-GBI1718. The Board reminds the Authorized Entity that as stated in s. 46 of the NWNSRTA, the expiry or cancellation of this licence does not relieve the holder from any outstanding obligations imposed under the licence. If there are any obligations under Type “B” Water Licence No. 3BC-GBI1114 that remain outstanding (such as obligations in relation to payment of water fees, filing of plans for approval and restoration, etc.) the Authorized Entity remains responsible for fulfilling these obligations.

If the Authorized Entity contemplates changes to its undertaking involving a change in scope or increased activity, a water licence may be required. It is the Authorized Entity’s responsibility to apply to the NWB for a water licence in accordance with the timelines set out for licences.

This Approval has been posted to the NWB’s Public Registry and FTP site, accessible from the following link:

<ftp://ftp.nwb-oen.ca/registry/8%20MISCELLANEOUS/8WL/8WLC%20-%20Camp/8WLC-GBI1819%20Gilchrist%20Belcher/>

Sincerely,

Lootie Toomasie
Nunavut Water Board, Chair

LT/kk/ip
Enclosure: **Approval No.: 8WLC-GBI1819**

Cc. Qikiqtani Region



NUNAVUT WATER BOARD APPROVAL WITHOUT A LICENCE

APPROVAL DECISION

APPROVAL NUMBER: 8WLC-GBI1819

This is the decision of the Nunavut Water Board (NWB) with respect to an application for Approval for the use of Waters and deposit of Waste without a licence, dated November 23, 2016, made by:

NATIONAL WILDLIFE RESEARCH CENTRE, CARLETON UNIVERSITY

to authorize the use of Waters during the Community-Based Monitoring of Sea Ice and Eider Duck Populations around the Belcher Islands, located within the Qikiqtani Region of Nunavut, within the Hudson Bay Islands Watershed (#16), generally at the following geographical coordinates:

Project Extents:

| | | |
|----|--------------------|--------------------------|
| NW | Latitude: 56.92775 | Max Longitude: -79.91355 |
| NE | Latitude: 56.44263 | Max Longitude: -78.63441 |
| SE | Latitude: 56.63619 | Max Longitude: -79.27949 |
| SW | Latitude: 55.73674 | Max Longitude: -79.99615 |

Camp Location: Latitude: 55.82784 Longitude: -79.89205

DECISION

The NWB received confirmation from the Nunavut Planning Commission (NPC)² that the project proposal is outside the area of an applicable regional land use plan. The NPC confirmed that the activities associated with this proposal were previously reviewed by NPC on December 13, 2013, on November 28, 2014 and on December 12, 2016. In addition, the works and activities listed above were previously screened by the Nunavut Impact Review Board (NIRB FILE No. 10YN058) and therefore, because the above-noted project proposal is a component of the original proposal that was screened by the NIRB, this project is exempt from screening by the NIRB under section 12.4.3 of the *Nunavut Agreement* as amended. The NWB is satisfied that the requirements of Articles 11 and 12 of the *Nunavut Agreement* and sections 3, 4 and/or 5 of the *Nunavut Waters Regulations* (NWR or *Regulations*) have been adequately addressed. In addition, through the provision of a signed Application for an Approval Without a Licence, the Applicant has agreed to adhere to sections 4(3), 5(4), and 6(1) of the *Regulations* and to comply with the associated requirements, the NWB determined that:

Approval Number 8WLC-GBI1819 be issued, subject to the conditions of Schedule 1 contained therein (Motion # 2017-WL-029).

SIGNED this 5th day of February 5, 2018 at Gjoa Haven, NU.

Lootie Toomasie
Nunavut Water Board
Chair

LT/kk/ip

² Nunavut Planning Commission (NPC) Conformity Determination, January 5, 2018.



**NUNAVUT WATER BOARD
APPROVAL WITHOUT A LICENCE**

APPROVAL NO. 8WLC-GBI1819

Pursuant to the *Nunavut Waters Regulations, 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

NATIONAL WILDLIFE RESEARCH CENTRE, CARLETON UNIVERSITY

1125 COLONEL BY DRIVE, OTTAWA, ON K1A 0H3

Hereinafter called the Authorized Entity, the right to the use of Waters and the deposit of Waste for a period of one (1) year after the day on which the Board approved the Application, subject to the conditions contained in Schedule 1 attached to this Approval:

Project Name: **COMMUNITY-BASED MONITORING OF SEA ICE AND EIDER DUCK POPULATIONS AROUND THE BELCHER ISLANDS, NUNAVUT**

Location: **QIKIQTANI REGION, NUNAVUT**

Water Management Area: **HUDSON BAY ISLANDS WATERSHED (#16),**

Classification of Undertaking: **OTHER**

Purpose: **USE OF WATERS AND/OR DEPOSIT OF WASTE**

Approval Criteria: **USE OF 1 CUBIC METRE OF WATER PER DAY AND THE DEPOSIT OF SEWAGE, ALL OTHER WASTE TO BE TRANSPORTED OFF SITE FOR DISPOSAL**

Effect Date: **FEBRUARY 5, 2018**

Expiry of Approval: **FEBRUARY 4, 2019**

Dated this 5th day of February, 2018, at Gjoa Haven, NU

Lootie Toomasie.
Nunavut Water Board, Chair



SCHEDULE 1 CONDITIONS FOR USE OF WATER OR DEPOSIT OF WASTE WITHOUT A LICENCE

General

1. In the case of an Authorized Entity who has a mineral right and who intends to use Waters or deposit Waste in relation to that right, the Authorized Entity shall respect the priority conferred on Inuit by section 62 of the *Act* as if that applicant had a licence for the use or deposit.

Use of Waters

2. The Authorized Entity shall take measures prior to the use of Waters to minimize any alteration to the bed or banks of a watercourse whose waters are to be used, and the measures shall be maintained during the operation of the undertaking.

Deposit of Waste

3. The Authorized Entity shall not deposit Waste to surface water or within thirty-one (31) metres of the ordinary high water mark of any body of water.
4. The waste must not contain more than 15 milligrams per litre of petroleum or petroleum product and must not have a visible hydrocarbon sheen.

Abandonment and Restoration

5. Prior to the closure or abandonment of the undertaking or end of the period authorized for the use of Waters or deposit of waste without a licence, whichever occurs first, the site shall be restored — to the extent practicable — to the state in which it was before the use of Waters or the deposit of Waste.^a

Record Keeping

6. The Authorized Entity shall:
 - a. maintain accurate and detailed books and records of:
 - i. the quantity of water, in cubic metres, used each day,
 - ii. the quantity, in cubic metres, of waste deposited each day,
 - iii. the type of waste deposited each day,
 - iv. where the waste is deposited including GPS coordinates in Latitude and Longitude,
 - v. the concentration of the substance, or substances, in the deposited solid or liquid that has the effect of making the deposit waste,
 - vi. the methodology used to calculate or determine the information referred to in items (i) to (v), and
 - vii. the measures that were taken to avoid or mitigate any adverse impacts of the deposit of waste.



SCHEDULE 1 (Cont.)

- b. keep the books and records on the site of the undertaking during the period of its operation and make them available during that period to an inspector on request;
- c. submit to the Board a report containing a summary description and supporting photographs of the restoration of the site of the undertaking within thirty (30) days after the earliest of (i) the day on which the undertaking is closed or abandoned, and (ii) the last day of the period authorized for the unlicensed use or deposit;^b and
- d. keep the books and records for two years after submitting the report describing the restoration of the site and undertakings.

Notes:

- a) A site need not be restored prior to the end of the period authorized for the use of Water or the deposit of Waste without a licence, as required by Item 5, if the Board issues a licence for the use of Water or deposit of Waste for the same undertaking on same site prior to the end of that period.
- b) The Authorized Entity need not submit the report referred to in Item 6 (c) if the Authorized Entity obtains a new approval authorizing a use of Water or deposit of Waste without a licence, or a licence authorizing a use of Water or deposit of Waste for the same undertaking on the same site within thirty (30) days after the last day of the period previously authorized.