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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: **8WLC-POL1718**

May 11, 2017

Donald S. McLennan
Senior Program Officer
Polar Knowledge Canada
170 Laurier Ave. West, Suite 200
Ottawa, ON K1P 5V5

Johann Wagner
Science Officer
Polar Knowledge Canada
170 Laurier Ave. West, Suite 200
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Email: donald.mclennan@polar.gc.ca
johann.wagner@polar.gc.ca

Subject: 8WLC-POL1718 – Polar Knowledge Canada (POLAR) Camp on Greiner Lake, Cambridge Bay Project Approval for the Use of Waters or Deposit of Waste Without a Licence

Dear Mr. McLennan and Mr. Wagner,

Please find attached Approval number 8WLC-POL1718 issued to Donald S. McLennan – Polar Knowledge Canada (the Authorized Entity) 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 or 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 or deposit of Waste with respect to the Application for approval. Any variation from these activities may result in a violation of this Approval and contravention of the NLCA, the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWNSRTA) or the NWR. The NWB would like remind the Applicant of the obligations with respect to the reclamation and reporting which will arise as this Approval approaches its expiry.

If activities authorized under the Approval are expected to continue longer than the term authorized, it is recommended that the Authorized Entity apply for a new Approval at least thirty (30) days prior 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 or deposit of Waste must cease as required by the NLCA and the NWNSRTA.

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 and is accessible from the following link, <ftp://ftp.nwb-oen.ca/registry/8%20MISCELLANEOUS/8WL/8WLC%20-%20Camp/8WLC-POL1718%20McLennan/>

Sincerely,

Thomas Kabloona
Nunavut Water Board
Chair

TK/sa/ri

Enclosure: Approval Number: 8WLC-POL1718

cc. Kitikmeot Distribution List



NUNAVUT WATER BOARD APPROVAL WITHOUT A LICENCE

APPROVAL DECISION

APPROVAL NUMBER: 8WLC-POL1718

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 March 1, 2017 made by:

DONALD S. MCLENNAN – POLAR KNOWLEDGE CANADA

to authorize the use of Waters and deposit of Waste during water sampling and camping activities related to scientific research studies at the POLAR Camp on Greiner Lake Project on Greiner Lake, Cambridge Bay located within the Kitikmeot Region, Nunavut, Water Management Area Southern Victoria Island Watershed No.38, generally located at the geographical coordinates as follows:

Camp:

Latitude: 69.215077 °N

Longitude: 104.851946 °W

Project:

Max Latitude: 69.3745 °N

Max Longitude: 105.3102 °W

Min Latitude: 68.9534 °N

Min Longitude: 103.5804 °W

DECISION

After receiving confirmation from the Nunavut Planning Commission (NPC)¹ that the Application is for a project proposal that falls outside of an area with an Approved Land Use Plan and that the Application was previously screened by the Nunavut Impact Review Board (NIRB), therefore it is exempt from screening by the NIRB under section 12.4.3 of the Nunavut Agreement, the Board is satisfied that the requirements of Articles 11 and 12 of the Nunavut Agreement and sections 3, 4 (Water use Only) and/or 5 (Waste deposit only) 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-POL1718 be issued, subject to the conditions of Schedule 1 contained therein (Motion # 2017-WL-004).

SIGNED this 11th day of May, 2017 at Gjoa Haven, NU.

Thomas Kabloona
Nunavut Water Board
Chair

TK/sa/ri

¹ NPC letter, Re: NPC File # 148444 Polar Knowledge Canada (POLAR) Camp on Greiner Lake, Cambridge Bay, on January 27, 2017



**NUNAVUT WATER BOARD
APPROVAL WITHOUT A LICENCE**

APPROVAL NO. 8WLC-POL1718

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

DONALD S. MCLENNAN – POLAR KNOWLEDGE CANADA

of

SUITE 200 - 170 LAURIER AVE. WEST, ON K1P 5V5

Hereinafter called the Authorized Entity, the right to the use of waters and 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: **POLAR CAMP ON GREINER LAKE, CAMBRIDGE BAY**

Location: **CAMBRIDGE BAY, KITIKMEOT REGION, NUNAVUT**

Water Management Area: **SOUTHERN VICTORIA ISLAND WATERSHED NO. 38**

Classification of Undertaking: **OTHER UNDERTAKING**

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

Approval Criteria: **TOTAL WATER USE OF 0.5 CUBIC METRE PER DAY, DEPOSIT OF SEWAGE & GREY WATER 0.5 CUBIC METRE PER DAY RESPECTIVELY, ALL OTHER WASTE WILL EITHER BE FLOWN OUT OR BURNT**

Date of Approval: **June 3rd, 2017**

Expiry of Approval: **June 2nd, 2018**

Dated this 11th day of May, 2017, at Gjoa Haven, NU

Thomas Kabloona
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.