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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

November 17, 1999

John T. Cawker
1315 HWY 7A
Port Perry, Ontario L9L 1B5

RE: NWB Permit No. NWB6ENN9904

Dear Mr. Cawker:

Please find attached permit No. NWB6ENN9904 issued by the Nunavut Water 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 terms and conditions of the attached permit related to water use and waste disposal are an integral part of this approval.

In accordance section 13.7.4 of the Agreement, the NWB waived the requirement for a public hearing and approved this application. **(Motion #:99-16-04)**

Sincerely,

Philippe di Pizzo
Executive Director

Enclosure: Permit No. NWB6ENN9904
NIRB Screening Decision

cc: S. Pagotto, Indian and Northern Affairs Canada
M. Keast, Fisheries and Oceans Canada
C. Ogilvie, Environment Canada
Kivalliq Inuit Association
M. Kalluak, Arviat HTO
C. Nichols, Sustainable Development
Nunavut Planning Commission
Nunavut Impact Review Board

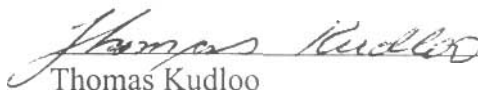
WATER USE AND WASTE DISPOSAL PERMIT

Pursuant to Article 13 of 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 Ennadia Fishing Lodge, authorization to use water and dispose of waste in conjunction with a seasonal fishing/tourist lodge near Ennadia Lake subject to the terms and conditions outlined herein and in the applicable Land Use Permits/Leases.

PERMIT NO:	NWB6ENN9904
PERMITTEE:	Ennadia Fishing Lodge - John T. Cawker and Tom Young
START DATE:	November 9, 1999
COMPLETION DATE:	November 9, 2004
PURPOSE:	Water Use And Waste Disposal Association with a seasonal fishing/tourist lodge.
LOCATION:	Ennadia Lake, Kivalliq Region General Latitude: 60°48' Longitude: 101°41' NTS: 66C/13

This permit issued and recorded at Gjoa Haven includes and is subject to the annexed conditions.

Approved by,


Thomas Kudloo
Chairman

PART A: SCOPE

1. Compliance with the terms and conditions of this permit does not absolve the Permittee from responsibility for compliance with all applicable legislation, guidelines, or directive.
2. This permit 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, and with respect to any other impacts of the Permittee's activities on water quality, quantity or flow, including on surface drainage.

3. **Definitions:**

"Board" means the Nunavut Water Board established under the Nunavut Land Claims Agreement;

"Greywater" means all liquid wastes from showers, baths, sinks, kitchens and domestic washing facilities, but does not include toilet wastes;

"Inspector" means an Inspector designated by the Department of Indian and Northern Affairs Canada in a manner consistent with the Memorandum of Understanding between the Department of Indian and Northern Affairs and the Board;

"Permittee" means the holder of this Permit;

"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;

"Sewage" means all toilet wastes and greywater;

"Sump " means a man-made pit, trench hollow or cavity in the earth's surface used for the purpose of depositing waste material therein; and

"Waste" means 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 substance contained in it or because it has been treated or changed, by heat or other means.

4. The Permittee shall ensure a copy of this Permit is maintained at the site of operation at all times.

PART B: CONDITIONS FOR THE USE AND PROTECTION OF WATER

1. The Permittee shall obtain water for domestic purposes from Ennadai Lake up to a maximum volume of 50 cubic metres per day.
2. The Permittee shall equip all water intake hoses with a screen with an appropriate mesh size to ensure that there is no entrapment of fish.
3. The Permittee shall ensure compliance with Section 36 of the *Fisheries Act* which requires that no person shall deposit or permit the deposit of a deleterious substance of any type in water frequented by fish or in any place under any conditions where the deleterious substance may enter such water body.
4. The *Fisheries Act* prohibits the harmful alteration, disruption or destruction of fish habitat. No construction or disturbance of any stream, lake bed or banks of any definable watercourse is permitted unless formally authorized by the Department of Fisheries and Oceans.

PART C: CONDITIONS FOR THE DISPOSAL OF WASTE

1. The Permittee shall not deposit any waste in any body of water, or on the banks thereof, which may impair the quality, quantity, or flow of water.
2. Areas designated for waste disposal shall not be located within thirty (30) metres of the ordinary high water mark of any body of water, unless otherwise authorized.
3. Sewage shall be disposed of and contained on land in a sump at least thirty (30) metres from the high water mark of a water body.
4. The Permittee shall construct a sump to contain all greywater discharged and shall ensure drainage is away from any water body.
5. The Permittee shall treat greywater and sewage with lime to control odours.
6. The Permittee shall keep all garbage and debris in a covered metal container prior to final disposal.
7. All paper products, non-treated wood, and kitchen waste shall be incinerated in a

system that will achieve complete combustion of the solid waste in order to avoid contamination of water.

8. Open pit burning and or burying of solid waste is not authorized under this permit.
9. All ash generated as a result of incineration of solid waste shall be removed to an approved solid waste disposal facility.
10. The Permittee shall ensure that all non-combustible wastes are backhauled *at least* annually and disposed of in an approved solid waste disposal facility.

PART D: CONDITIONS FOR CAMPS AND ACCESS INFRASTRUCTURES

1. The Permittee shall not erect camps or store material on the ice surface of streams or lakes.
2. Camps shall be located on gravel, sand or other durable land in order to minimize impacts on surface drainage.
3. To minimize impacts on surface drainage, the Permittee shall prepare all sites in such a manner as to prevent rutting of the ground surface in order to minimize impacts on surface drainage.
4. The Permittee shall be required to undertake any corrective measures in the event of any impacts to water as a result of the Permittee's operations.

PART E: CONDITIONS FOR THE USE AND STORAGE OF FUEL, CHEMICALS AND ADDITIVES

1. The Permittee shall within six (6) months of the issuance of this Permit or prior to mobilization of any equipment, submit to the Board for approval, a Spill Contingency Plan in accordance with "*Guidelines for Contingency Planning*", January 1987.
2. If, during the period of this Permit, an unauthorized discharge of waste occurs, or if such a discharge is foreseeable, the Permittee shall:
 - a. Employ the appropriate contingency plan;
 - b. Report all spills of oil, fuel, or other deleterious materials immediately to the 24-Hour Spill Line at (867) 920-8130;
 - c. Submit to the Water Resources Inspector a detailed report on each

occurrence at (867) 979-6445 (fax);

3. The Permittee shall ensure that any chemicals, fuel or wastes associated with the project do not enter waters. All sumps and fuel caches shall be located a minimum of thirty (30) metres from the normal high water mark and in such a manner that no fuel can enter any such water body.
4. The Permittee shall have one extra fuel storage container on site equal to, or greater than, the size of the largest fuel container.
5. The Permittee shall examine regularly all fuel and chemical storage containers for leaks, all leaks should be repaired immediately.
6. The Permittee shall ensure that all fuel containers are marked with the Permittee's name.
7. The Permittee shall seal all containers outlets except that which is currently in use.
8. All waste oil and empty fuel barrels shall be back-hauled for disposal or reuse.

PART F: CONDITIONS FOR ABANDONMENT AND RESTORATION

1. The Permittee shall within six (6) months of the issuance of this Permit or prior to mobilization of any equipment, submit to the Board for approval, an Abandonment and Restoration Plan on but not limited to the following:
 - (a) annual closure/final closure details with respect to:
 - infrastructure;
 - storage areas (including fuel and hazardous wastes);
 - contaminated areas;
 - sumps;
 - solid waste;
 - dock area;
 - water intake facilities;
 - (b) implementation schedule for annual closure; and
 - (c) cost estimate for final closure.
2. Upon abandonment, the Permittee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material.
3. For temporary/seasonal closure of the site, the Permittee shall ensure that any chemicals, fuels or wastes associated with the project do not enter waters and are stored in such a way as to prevent spillage and contamination.

4. The Permittee shall backfill and restore to the satisfaction of the Inspector all sumps back to the natural surrounding contours of the land prior to the expiry of this permit.
5. The Permittee shall undertake progressive and immediate restoration for any components of the project which are no longer required for the Permittee's operations.

PART G: OTHER CONDITIONS

1. The NWB shall be notified of any changes in operating plans or conditions associated with this project.
2. If operating plans change, the Board shall be informed thirty (30) days prior to any such change.
3. Annually and within thirty (30) days upon expiration of the authorization, the Permittee shall submit to the Nunavut Water Board and to the Inspector a summary report of activities, abandonment and restoration of the site, and list of unauthorized spills and follow-up action taken.

**GENERAL REQUIREMENTS FOR THE ADMINISTRATION OF PERMITS ISSUED
BY THE NUNAVUT WATER BOARD (NWB)**

The following form an integral part of Permit No. NWB6ENN9904:

1. A copy of this permit and associated documents are placed on the NWB Public Register.
2. If the Permittee contemplates the renewal of Permit No. NWB6ENN9904, it is its responsibility to apply to the NWB for its renewal. The past performance of the Permittee, 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 Permit renewal. Note that if the permit expires before the NWB issues a new one, then water use and waste disposal must cease, or the Permittee will be in contravention of the Nunavut Land Claims Agreement. **The NWB recommends that an application for renewal of Permit No. NWB6ENN9904 be filed at least two months before the expiry date.**
3. If Permit No. NWB6ENN9904 requires amendment, then a public hearing may be required. The Permittee should submit applications for amendment as soon as possible to give the NWB sufficient time to go through the amendment process. The process may vary depending on the nature and scope of the amendment requested.
4. The Inspector for this permit is:

Water Resources Officer
Department of Indian and Northern Affairs
Iqaluit, NT X0A 0H0
Tel.: (867) 979-4405
Fax: (867) 979-6445
5. Any communication with respect to this permit shall be made in writing to the attention of:

Philippe di Pizzo
Executive Director
Nunavut Water Board
Gjoa Haven, NT X0E 1J0
Tel.: (867) 360-6338
Fax: (867) 360-6369
6. The Permittee shall submit all reports, studies, and plans to the Board in triplicate, and include an Executive Summary in Inuktitut.