



P.O. Box 119
GJOA HAVEN, NU X0B 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369

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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

File No: NWB6DYE0409

March 17, 2005

Major. A. D. Cameron, R&C 3-4
Environmental Officer, North Warning System Office
National Defence Headquarters, Department of National Defence
101 Colonel By Drive
Ottawa, ON K1A 0K2
Email: cameron.ad@forces.gc.ca

RE: Amendment 1 to NWB6DYE0409

Sir:

Please find attached Amendment 1 to License No. NWB6DYE0409 issued to the Department of National Defence by the Nunavut Water Board (**Motion #:** 2004-53) 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 and the Nunavut Waters and Nunavut Surface Rights Tribunal Act*. The terms and conditions of the original Licence related to water use and waste disposal remain an integral part of this approval.

Sincerely,

Philippe di Pizzo
Executive Director

Enclosure: Licence No. **NWB6DYE0409-Amendment 1**

cc: Stephanie Hawkins, DIAND Iqaluit
Constantine Bodykevich, DIAND Inspector
Doug Sitland, Community and Government Services, GN
Salamonie Shoo, Qikiqtani Inuit Association
Josee Gallipeau, Nunavut Wildlife Management Board
Colette Spagnuolo, Environment Canada
Gladis Lemus, Department of Environment, GN
Tania Gordanier, Department of Fisheries and Oceans

LICENCE AMENDMENT No. 1

Licensee:	Department of National Defence
License No:	NWB6DYE0409
License Issued:	Type "B"
Effective Date:	February 17, 2004
	February 21, 2005

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 and the Nunavut Waters and the Nunavut Surface Rights Tribunal Act*, the Nunavut Water Board hereby grants the following license amendment.

The License issued February 17, 2004 shall be amended to include the following terms and conditions to allow the Department of National Defence to discharge sewage to a pre-existing sump located on the North Warning Station site.

PART A: SCOPE, DEFINITIONS & ENFORCEMENT

Insert Item 1 **“Effluent”** means treated or untreated liquid waste material that is discharged into the environment from a structure such as a settling pond or a treatment plant;

Insert Item 2 **“Final Discharge Point”** means an identifiable discharge point of the Sewage Disposal Facility beyond which the Licensee no longer exercises care and control over the quality of the Effluent;

Insert Item 3 **“Sewage Disposal Facilities”** comprises the area and engineered lagoon and decant structures designed to contain and treat sewage as described in the Water License Amendment Application filed by the Applicant on August 6, 2004;

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

Amend Item 5 The Licensee shall manage all sewage through the use of Incinolet toilets, and dispose of all resulting ash in an approved on-site landfill. In the event that the daily processing capacity of the Incinolet toilets is exceeded, the Licensee shall dispose of sewage to the Sewage Disposal Facilities.

PART H: CONDITIONS APPLYING TO THE MONITORING PROGRAM

Amend Item 1 The Licensee shall measure and record in cubic meters the daily quantities of water pumped from Monitoring Program Station DYE-1, for all purposes.

Insert Item 6 The Licensee shall maintain Monitoring Stations at the following locations:

<u>Station Number</u>	<u>Description</u>
DYE-1	Intake at the Water Supply Lake prior to treatment
DYE-2	Final Discharge Point of the Sewage Disposal Facilities

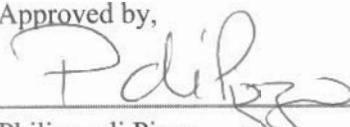
Insert Item 7 The Licensee shall sample monthly at Monitoring Station DYE-2 during the periods when sewage is being actively discharged to the Sewage Disposal Facilities.

Insert Item 8 The Licensee shall analyze samples collected at Monitoring Station Number DYE-2 for the following parameters:

BOD	Faecal Coliforms
pH	Conductivity
Total Suspended Solids	Ammonia Nitrogen
Nitrate-Nitrite	Oil and Grease (visual)
Total Phenols	Sulphate
Sodium	Potassium
Magnesium	Calcium
Total Arsenic	Total Cadmium
Total Copper	Total Chromium
Total Iron	Total Lead
Total Mercury	Total Nickel
Total Zinc	

All terms and conditions of the License NWB6DYE0409 dated February 17, 2004 still apply.

This License Amendment issued and recorded at Gjoa Haven on February 21, 2005.

Approved by,

Philippe di Pizzo
Executive Director