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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

File No: 3BC-FOH0409
(previous file #NWB6FOH0409)

July 13, 2006

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

RE: Amendment 1 to 3BC-FOH0409 Type "B"

Dear Major Cameron:

Please find attached Amendment 1 to License No. 3BC-FOH0409 Type "B" issued to the Department of National Defence by the Nunavut Water Board (**Motion #: 2006-21**) 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,

Original signed by:

Philippe di Pizzo
Executive Director

/sg

Enclosure: Licence No. **3BC-FOH0409 Type "B"-Amendment 1**

cc: Sam Cheng, Nasittuq Corporation
Jim Rogers, DIAND Iqaluit
Peter Kusugak DIAND Inspector
Salamonie Shoo, Qikiqtani Inuit Association
Erin Calder, Nunavut Wildlife Management Board
Colette Spagnuolo, Environment Canada
Earle Baddaloo, GN-DOE
Tania Gordanier, Department of Fisheries and Oceans
Carson Gillis, NTI
Doug Sitland, CGS

LICENCE AMENDMENT No. 1

Licensee:	Department of National Defence
License No:	3BC-FOH0409 Type "B"
License Issued:	June 25, 2004
Effective Date:	July 13, 2006

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 June 25, 2004 shall be amended to include the following terms and conditions to allow the Department of National Defence to release treated wastewater used to remove lead paint from infrastructure on-site.

PART B: GENERAL CONDITIONS

- | | |
|--------------------|---|
| Insert Item 1, vii | The Licensee shall provide a detailed description of the procedures used for collection containment, treatment and disposal of the debris and wastewater, resulting from the removal of existing paint on the radar tower using a high-pressure water jet, for the year in which the radar tower was painted. |
| Insert Item 8 | It is the responsibility of the Licensee to ensure that any documents or correspondence submitted by the Licensee to the Board have been acknowledged by the Manager of Licensing |
| Insert Item 9 | This Licence is not assignable except as provided in Section 44 of the <i>Act</i> . |

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

- | | |
|---------------|--|
| Insert Item 7 | The Licensee shall contain all wastewater and debris, resulting from the removal of existing paint on the radar tower using a high-pressure water jet, such that the quality, quantity or flow of water is not impaired, unless otherwise authorized by the Board. |
| Insert Item 8 | All wastewater effluent, as a result of the removal of the existing paint on the radar tower using a high-pressure water jet, shall meet the following |

criteria prior to being released:

Parameter	Maximum Allowable Concentration (µg/l)
Lead (dissolved)	50

Insert Item 9 The discharge location for all treated effluents described in Part D Item 8 shall at a minimum be located 30 m from the ordinary high water mark from any water body and where direct flow into a water body is not possible and no additional impacts are created.

PART H: CONDITIONS APPLYING TO THE MONITORING PROGRAM

Insert Item 8 The Licensee shall measure and record the total volume of wastewater discharged and provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all discharge locations of wastewater described in Part D, Item 8.

Insert Item 9 The Licensee shall monitor the wastewater effluent described in Part D Item 8 by collecting and analyzing one representative composite sample for the following parameters during the discharge:

Parameter
pH
Oil and Grease
Arsenic (total)
Cadmium (dissolved)
Chromium (dissolved)
Cobalt (dissolved)
Copper (dissolved)
Mercury (total)
Nickel (dissolved)
PCB (total)
Phenols
Zinc (total)

Insert Item 10 All sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of *Standard Methods for the Examination of Water and Wastewater*, or by such other methods approved by the Board.

Insert Item 11 All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.

All terms and conditions of the License 3BC-FOH0409 Type ‘B’ dated June 25, 2004 still apply.

This License Amendment issued and recorded at Gjoa Haven on July 13, 2006.

Approved by,

Original signed by:

Philippe di Pizzo
Executive Director