

# Nunavut Water Board

## Standard Form for Annual Reporting Requirements of NWB2 Exploration Water Licenses

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Under the terms of your water licence issued by the Nunavut Water Board ("NWB") for the use of water and the disposal of waste into water associated with mineral exploration (NWB2 Licenses), Licensees are required to submit to the NWB an Annual Report no later than March 31st of the year following the calendar year being reported.

In order to aid the Licensee with the preparation of the Annual Report and facilitate its review by the NWB, Licensees are **required** to use the following form.

### Recommendation and Helpful tips for use:

**Metric units shall be used to report any relevant data.**

**How to Add additional space within Text boxes** - Right click mouse on the row number (directly to the left of your screen) which falls within the text box range and click insert. **Do not drag or drop text box to modify size of the text box because formatting will not be maintained and data will be lost.** If you have large amounts of data recommend adding additional worksheets. Go to the help menu for assistance.

**Electronic versions should be submitted in Adobe to ensure protection of your information.** If you do not have shortcut keys to save as a PDF. Go to print menu . Choose to print "Entire Worksheet" then select printer option Adobe PDF and you will be prompted to save the document as a PDF document. Reminder ensure you have saved your document in Excel so that future changes can be made.

**Modify the Header** - Select "View" then "Header" from the main menu. Select "Custom Header" and change to reflect the valid Water Licence No.

Textboxes denoted with \* are optional.

Annual Reports shall be submitted by either fax, mail or email in adobe acrobat or Excel format to:

Nunavut Water Board  
c/o Manager of Licensing  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0  
Tel: 867-360-6338  
Fax: 867-360-6369  
Email: [licensing@nunavutwaterboard.org](mailto:licensing@nunavutwaterboard.org)

**NWB Annual Report**

Year being reported:

2011



License No: 3BC-FOD0919 - Type "B"

Issued Date:

September 10, 2009

Expiry Date:

August 31, 2019

Project Name:

FOX-3, North Warning System radar site, Dewar Lakes, NU

Licensee:

Department of National Defence (DND), Government of Canada

Mailing Address:

North Warning System Office  
 C/O National Defence Headquarters  
 101 Colonel By Drive  
 Ottawa, ON, K1A 0K2

**Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):**

Nasittuq Corporation, contractor to DND for the operation and maintenance of the North Warning System radar sites

**General Background Information on the Project (\*optional):**

FOX-3 is part of the North Warning System (NWS), a network of radar sites which looks out over Canada's north to detect airborne threats to North America.

**Licence Requirements: the licensee must provide the following information in accordance with**

Part B



Item 1



**A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.**

Water Source(s):

Water lake

Water Quantity:

1,440 cu.m./yr

Quantity Allowable Domestic (cu.m)

122.4 cu.m./yr

Actual Quantity Used Domestic (cu.m)

N/A

Quantity Allowable Drilling (cu.m)

N/A

Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

☒ Solid Waste Disposal☒ Sewage☐ Drill Waste☒ Greywater☒ Hazardous☐ Other:

Additional Details:

See "2011 Annual Report to the Nunavut Water Board" for FOX-3 for details on water usage, sewage (includes sewage and grey water), hazardous waste and waste oil disposal, and nonhazardous solid waste disposal.

**A list of unauthorized discharges and a summary of follow-up actions taken.**

Spill No.: 11-268 (as reported to the Spill Hot-line)

Date of Spill: July 7, 2011

Date of Notification to an Inspector: July 8, 2011

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

See "2011 Annual Report to the Nunavut Water Board" for FOX-3 for details on the spill of 1 liter of Jet A1 fuel.

Spill No.: 11-308 (as reported to the Spill Hot-line)

Date of Spill: July 25, 2011

Date of Notification to an Inspector: July 28, 2011

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

See "2011 Annual Report to the Nunavut Water Board" for FOX-3 for details on the spill of 5 liters of Jet A1 fuel.

Spill No.: 11-329 (as reported to the Spill Hot-line)

Date of Spill: August 13, 2011

Date of Notification to an Inspector: August 15, 2011

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

See "2011 Annual Report to the Nunavut Water Board" for FOX-3 for details on the spill of 10 liters of ethylene glycol.

Spill No.: 11-347 (as reported to the Spill Hot-line)

Date of Spill: August 25, 2011

Date of Notification to an Inspector: August 28, 2011

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

See "2011 Annual Report to the Nunavut Water Board" for FOX-3 for details on the spill of 9 liters of Jet A1 fuel and water mixture.

Spill No.: 11-468 (as reported to the Spill Hot-line)

Date of Spill: #####

Date of Notification to an Inspector: #####

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

Date of Spill: December 25, 2011 Zulu (December 24, 2011 Eastern Standard Time).

Date of Notification to an Inspector: December 28, 2011

See "2011 Annual Report to the Nunavut Water Board" for FOX-3 for details on the spill of 200 liters of 60% ethylene glycol solution.

**Revisions to the Spill Contingency Plan**

SCP submitted and approved - no revision required or proposed



Additional Details:

The SCP was not revised in 2011.

**Revisions to the Abandonment and Restoration Plan**

No Abandonment and Restoration (AR) Plan submitted or approved



Additional Details:

N/A

**Progressive Reclamation Work Undertaken**

Additional Details (i.e., work completed and future works proposed)

N/A

**Results of the Monitoring Program including:****The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;**

Details described below



Additional Details:

See "GPS Coordinates" tab of this report.

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;**

Details described below



Additional Details:

See "GPS Coordinates" tab of this report.

**Results of any additional sampling and/or analysis that was requested by an Inspector**

No additional sampling requested by an Inspector or the Board



Additional Details: (date of request, analysis of results, data attached, etc)

N/A

**Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.**

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

N/A

**Any responses or follow-up actions on inspection/compliance reports**

No inspection and/or compliance report issued by INAC ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

Site was not inspected in 2011.

**Any additional comments or information for the Board to consider**

See also "2011 Annual Report to the Nunavut Water Board" for FOX-3 prepared by Nasittuq Corp. and submitted by DND.

**Date Submitted:**

March 27, 2012

**Submitted/Prepared by:**

Submitted by DND / Prepared by Nasittuq Corp.

**Contact Information:****Tel:** 613-998-8482**Fax:** 613-998-9261**email:** [KIM.KALEN@forces.gc.ca](mailto:KIM.KALEN@forces.gc.ca)

### GPS Coordinates for water sources utilized

[illegible]

## GPS Locations of areas of waste disposal

[illegible]