



**Indian and Northern  
Affairs Canada**  
[www.inac.gc.ca](http://www.inac.gc.ca)

North Mackenzie  
P.O. Box 2100  
Inuvik, NT X0E 0T0

**Affaires Indiennes  
et du Nord Canada**  
[www.ainc.gc.ca](http://www.ainc.gc.ca)

Telephone: (867) 777-8900  
Fax: (867) 777-2090

March 27, 2010

Northwest Territories Water Board  
P.O. Box 2531  
Inuvik, NT X0E 0T0

**Attn: Mike Harlow, Executive Director**

**RE: Municipal Water Licence (N7L3-0714)**

Dear Mr. Harlow,

Please find the enclosed Inspection Report for your review and/or records.

An electronic copy (un-editable Adobe pdf.) has also been provided by e-mail.

If you have any questions or concerns regarding the enclosed, and/or if additional information is required please contact me at 867-777-8909.

Sincerely,

Jan Davies  
Water Resource Officer

Cc: Conrad Baetz, District Manager, North Mackenzie District, Inuvik, NT

Enclosure: Water Licence Inspection Report and Cover Letter (3 pages)



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March 27, 2010

Incorporated Hamlet of Tuktoyaktuk  
Box 120  
Tuktoyaktuk, NT, X0E 1C0

**Attn: Debbie Raddi**

**RE: Municipal Water Licence (N7L3-0714)**

Dear Ms. Debbie Raddi,

An inspection was conducted of the Municipal Water Supply Facility, specifically the intake facility on March 19, 2010. Enclosed is a copy of the Water Licence Inspection Report.

The Hamlet of Tuktoyaktuk is to be commended for their efforts to maintain an intake facility that offers better protection of the environment by using propane to run the equipment. There was one violation as depicted on page 1 of the Inspection Report. This violation is simple in nature and can be dealt with promptly. Please review the concerns throughout the Inspection Report.

Please address the aforementioned item as INAC considers non-compliance of Water Licences a serious matter. INAC looks forward to working with you as much as possible to achieve compliance. A copy of this report will be sent to the Northwest Territories Water Board for their review and/or public records.

If you have any questions or concerns, and/or if additional information is required please contact me at 867-777-8909.

Sincerely,

Jan Davies  
Water Resource Officer

Cc: Conrad Baetz, District Manager, North Mackenzie District, Inuvik, NT

Enclosure: Water Licence Inspection Report (2 pages)



WATER LICENCE INSPECTION FORM

DATE:	March 19, 2010	COMPANY REP:	Debbie Raddi
LICENCEE:	Incorporated Hamlet of Tuktoyaktuk	LICENCE #:	N7L3-0714

WATER SUPPLY

Source:	Kudlak Lake	Quantity Used:	N/I
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Owner/Operator: Hamlet of Tuktoyaktuk

Indicate:		A - Acceptable	U - Unacceptable	N/A - Not Applicable	N/I - Not Inspected		
Intake Facilities	A <sup>1</sup>	Storage Structures	N/I	Treatment Systems	N/I	Chem. Storage	N/I
Flow Meas. Device	N/I	Conveyance Lines	N/I	Pumping Stations	A <sup>1</sup>		

Comments:

Concerns:

1. Snow was blown in amongst the motor/pump enclosure at the intake facility (see Figure 1). To protect equipment and prevent future maintenance issues a protective cover or equivalent would be recommended for the enclosure.

Note:

- During the inspection the area was covered by drifting snow and an access road was being constructed to the intake facility to re-supply the fuel tanks.
- There were no visible spills or environmental concerns at the time of inspection.
- 4 small 500lb and 2 larger 1000lb propane tanks present to supply fuel to the pump at the intake facility (see Figure 2).
- Intake lines and a fishscreen were present at the site (see Figure 3).
- Due to the spill in 2004 at the Kudluk Lake (Spill #04-572) water intake facility there are a number of measures being used. A propane motor is being used to run the pump and there is a diesel backup. The Raw Water Reservoir is filled over a 3 week period using a 24hr watch of the pump station at Kudluk Lake, which is checked 3 times a day.

WASTE DISPOSAL - N/I

FUEL STORAGE

Owner:	Hamlet of Tuktoyaktuk	Operator:	Hamlet of Tuktoyaktuk	Condition of tanks:	Acceptable
Berms & Liners	N/A	Water within Berm:	N/A	Evidence of Leaks:	None
Drainage Pipes	N/A	Pump Station and Catchment Berm	N/A		
Pipeline Condition	N/A	Not Applicable:	N/A		

Comments:

Notes:

- Propane tanks are present to supply the motor used to run the pump at the intake facility.

SURVEILLANCE NETWORK PROGRAM

Samples Collected Hamlet		N/I		
Samples Collected DIAND		N/I		
Signs Posted: SNP	N/I		Warning	Signage needed at the Water Intake Facility <sup>1</sup>
Record & Reporting		N/I		
Geotechnical Inspection		N/I		

Comments:

Concerns:

1. Sign is to be posted to inform the public of the Water Supply Facility as per Part B: General Conditions, Item 6, in the Water Licence.

Violations of Act of Licence:

Part B: General Conditions, Item 6,

“The Licensee shall, within sixty (60) days of issuance of this Licence, post signs in the appropriate areas to inform the public of the Water Supply and Waste Disposal Facilities. All postings shall be located and maintained to the satisfaction of an Inspector.”

Inspector’s Signature:

WATER LICENCE INSPECTION REPORT Pg. 2

(Continued)

Date:	March 19, 2010	Licence #:	N7L3-0714
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Inspection Images:

Figure 1

Snow in equipment enclosure at intake facility.



Figure 2

Intake facility and propane tanks at Kudlak Lake.



Figure 3

Fishscreen and piping at intake facility.

