



Aboriginal Affairs and
Northern Development Canada

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

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

March 31, 2014

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

Attn: Freda Wilson, Office and Finance Administrator

**RE: MUNICIPAL Water Use N7L3-0714
CLASS B - MUNICIPAL
Kudlak Lake**

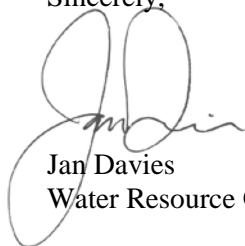
Dear Ms. Wilson,

Please find the enclosed Inspection Report for your review and 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: Municipal Water Use Inspection Report and Cover Letter (4 pages)



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March 31, 2014

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

Attn: Emma Wolki, A/Senior Administrative Officer

**RE: MUNICIPAL Water Use N7L3-0714
CLASS B - MUNICIPAL
Kudlak Lake**

Dear Ms. Wolki,

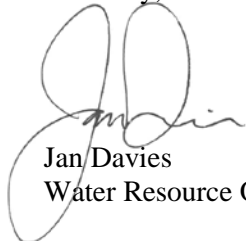
An inspection of the Hamlet of Tuktoyaktuk Water Licence N7L3-0714 (expiry on June 30, 2014) Water Intake Facility was conducted on August 27, 2013. The operation under the above mentioned Municipal Water Use was inspected to assess compliance and ensure that the terms and conditions were met. Enclosed is a copy of the Inspection Report (3 pages) for your review and records.

There were no violations identified during the course of this Inspection. Please review and address the concerns and other items throughout the Inspection Report.

Please note that it is the Licensee's responsibility to ensure compliance with all of the terms and conditions of its Water Licence. A copy of this report will be sent to the Northwest Territories Water Board for their review and public records.

If you have any questions regarding the enclosed, and/or if additional information is required, please do not hesitate to contact the Water Resource Officer at (867) 777-8900.

Sincerely,



Jan Davies
Water Resource Officer

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

Enclosure: Municipal Water Use Inspection Report (3 pages)



MUNICIPAL WATER USE INSPECTION REPORT

LICENCE #:	N7L3-0714	EXPIRY DATE:	November 20, 2013
LICENCEE:	Incorporated Hamlet of Tuktoyaktuk	PREVIOUS INSPECTION:	September 8, 2011
COMPANY REP:	Emma Wolki, A/SAO	INSPECTION DATE:	August 27, 2013

WATER SUPPLY

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

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Intake Facilities	A	Storage Structures	N/I	Treatment Systems	N/I	Recycling	N/A
Flow Meas. Device	N/I	Conveyance Lines	N/A	Pumping Stations	A	Chem. Storage	N/A
						Modifications	N/A

Water Supply Comments:

- Kudlak Lake Intake Facility was acceptable and appeared open to be preparing for pumping and refilling the Freshwater Reservoir.
- This is an Annual event. The site appeared clean and in order.
- Oil and other waste containers were on site. Ensure these are properly disposed of prior to securing the site. Keep in mind any waste materials/service related fluids or even spills will ultimately end up in the Hamlet's Water Supply if left on site.
- Propane tanks are on site as the source of fuel for water pumping operations, since in the past there were issues with diesel fuel leaking from the site.

GENERAL CONDITIONS/REPORTS/PLANS

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

C &R Plan	N/A	Records & Reporting	N/I	Final Report	N/A
Geotechnical Inspection	N/A	Posting, Signage	N/I	Contingency Plan	N/I
Restorations Activities	N/A	Spills	A	O&M Plan	N/I
Maintenance	A	Modifications	N/A	Annual Report	N/I

General Condition Comments:

- There was a concern of the ground access by ATV down the bank to the intake facility/pumping station which was disturbing/ripping up the ground. This could be minimized if the ATV(s) were parked at the top of the bank by the propane fuel tanks and Hamlet staff walked down to the pump station. This would minimize impacts to the environment not to mention the soil erosion just ends up getting worse and soil eroding into the lake. The area then has long term effects that may need reclamation and further work later on.
- The actual water intake was in the lake and hooked up to the pipe leading to the pumping station.
- No spills or other issues were evident. Kudlak Lake Intake Facility site was acceptable.

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

N/A

Inspector's Signature: _____





MUNICIPAL WATER USE INSPECTION REPORT

Inspection Images:

Figure 1

Kudlak Lake Water Intake Facility including floating intake.



Figure 2

Front of pumping station and disturbance to bank of lake and sand.



Figure 3

Behind of pumping station.



Figure 4

Pump itself and various service related fluids



Figure 5

Disturbance to bank of Kudlak Lake due to ATV going up and down the bank.



Figure 6

Water Intake Facility and associated propane tanks.

