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Your file - Votre référence

**NWB3QIK**

Our file - Notre référence

August 26, 2002

Don Pickle  
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Municipality of Qikiqtarjuaq  
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Sent by email to:  
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### **Review of 2001 Annual Report - Municipality of Qikiqtarjuaq - NWB3QIK**

Please accept this letter as notification that the 2001 Annual Report submitted to the Nunavut Water Board (NWB) by the Municipality of Qikiqtarjuaq for the water use and waste disposal, as required under water licence NWB3QIK0106 (Part B, Item 1), has been reviewed by Indian and Northern Affairs Canada (INAC).

Attached for your records is the 2001 Compliance Report. Compliance reports are prepared annually in order to assess the Licensee's compliance with the terms and conditions of their water licence.

The Licensee was found to be in non-compliance with three conditions of water licence NWB3QIK0106.

- The Licensee did not complete the sampling or analysis required by the Surveillance Network Program. INAC would like to remind the Licensee that presenting the results of the Water Resource Officer's sampling does not constitute as performing the required sampling for the Surveillance Network Program.
- The effluent standards regarding biological oxygen demand and faecal coliform were not met.
- The Licensee is now one year overdue with the submission of their Operations and Maintenance Plan, which was due July 1, 2001. In their Annual Report, it is mentioned that the plan is pending funding approval from Community Government and Transportation (CG&T). By copy of this letter and compliance report to CG&T, we hope that they will help the community deal with this outstanding issue in a timely manner.

**Canada**

020826<sup>1</sup> Annual Report NWB3QIK-1LA E

Hopefully, the Municipality of Qikiqtarjuaq will be able to address these issues during the next year.

If you have any concerns or questions, please feel free to contact me.

Sincerely,

***Original Signed By: Michael Roy***

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c.c. CG&T (Dave Parker)  
INAC Water Resource Officer (Constantine Bodykevich)  
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**2001 Compliance Report for Water Licence NWB3QIK0106**

**Municipality of Qikiqtarjuaq**

Prepared by

Michael Roy  
Qikiqtani Regional Coordinator - Water Resources  
Indian and Northern Affairs Canada

INAC, Nunavut Regional Office  
Iqaluit, NU  
August 26, 2002

## 2001 Compliance Report

### Municipality of Qikiqtarjuaq

#### Water Licence NWB3QIK0106

#### Introduction

The Nunavut Water Board (NWB) issued water licence NWB3QIK0106 to the Municipality of Qikiqtarjuaq on November 28, 2000. The licence is valid from the period of January 1, 2001 to December 31, 2006. This Report assesses compliance with the licence for the period between January 1, 2001 and December 31, 2001. This report draws its conclusions from the information provided in Qikiqtarjuaq's 2001 Annual Report (2002-04-02) as well the Inspector's report from his September 6, 2001 inspection (2001-11-09).

#### Compliance Assessment

##### Part B - General Conditions

Condition Number and Summary	Compliance Assessment
1. Annual Report filed with Board prior to March 31 of the following year.	The Licensee has complied with this section. The annual report was received by the NWB on March 29, 2002. However, no tabular summaries of the Surveillance Network Program data was found. The Annual Report was thus incomplete.
a. Tabular summaries of all data from Surveillance Network Program.	The Licensee has not complied with this section. Instead of a tabular summary of the Surveillance Network Program, the Licensee merely attached the results of the Inspector's sampling to their Annual Report.
b. Monthly/Annual quantity of water obtained from all sources.	The Licensee has complied with this section. The quantity of water obtained from the Tulugak River or Reservoir was 16,765 m <sup>3</sup> .
c. Monthly/Annual quantity of all discharged waste.	The Licensee has complied with this section. The quantity of sewage generated was 16,765 m <sup>3</sup> .

Condition Number and Summary	Compliance Assessment
d. Monthly/Annual quantity of sewage solids removed from sewage disposal facilities.	The Licensee has complied with this section. No sewage solids were removed from the lagoon.
e. Summary of modifications and/or major maintenance.	The Licensee has complied with this section. Major work in 2001 included a refilled trench, reparation of both generators, and the installation of an electric heating system in chlorination room.
f. List of all unauthorized discharges.	The licensee has complied with this section. There we no unauthorized discharges in 2001.
g. Summary of abandonment and restoration work done.	The Licensee has complied with this section. No abandonment or restoration work was done in 2001.
h. Summary of any studies requested by the NWB.	The Licensee has complied with this section. No requests were made by the NWB in 2001.
i. Updates to the approved Operations and Maintenance Plan.	As there is yet an approved Operation and Maintenance Plan, no updates to the plan are possible.
j. Any other details on water use or waste disposal requested by the NWB.	The Licensee has complied with this section. No requests were made by the NWB in 2001.
2. Surveillance Network Program shall be completed.	The Licensee did not complete the Surveillance Network Program. A total of ten samples were required (3 for both 0640-6 and 0640-6a, plus 1 for 0640-7, 0640-8, 0640-9 and 0640-10). The results of the Inspector's sampling do not constitute the completion of the SNP sampling; the Licensee must gather its own samples.
3. SNP and compliance dates may be modified by the NWB.	The SNP and compliance dates were not modified by the NWB in 2001.
4. Meters and measuring devices shall be installed, operated and maintained to the satisfaction of the Inspector.	The Licensee has complied with this section. The Inspector did not note any problems or inadequacies with the meters and measuring devices in 2001.

Condition Number and Summary	Compliance Assessment
5. Signs identifying SNP stations to be posted and maintained to the satisfaction of the Inspector.	The Licensee has complied with this section. The Inspector did not note any inadequacies with the SNP station signage in 2001.
6. Signs identifying water supply and waste disposal facilities to be posted and maintained to the satisfaction of the Inspector.	The Licensee has complied with this section. The Inspector did not note any inadequacies with the water facilities signage in 2001.
7. All spills shall be immediately reported to the 24-hour spill line.	The Licensee has complied with this section. No spills occurred in 2001.
8. A copy of the licence shall remain at the municipal office at all times.	The Licensee has complied with this section.

#### Part C - Conditions Applying to Water Use

Condition Number and Summary	Compliance Assessment
1. All fresh water to be obtained from water supply facility or as approved by the NWB.	The Licensee has complied with this section. All fresh water was obtained from the water supply facility.
2. Quantity of water withdrawn shall not exceed 35,000 m <sup>3</sup> .	The Licensee has complied with this section. The amount withdrawn was 16,765 m <sup>3</sup> .
3. Maintain water supply facilities to the satisfaction of the Inspector.	The Licensee has complied with this section. The inspector noted problems with the pump generators, but these have since been repaired.
4. Water intake hose shall be equipped with a mesh to ensure no entrainment of fish.	The Licensee has complied with this section.

#### Part D - Conditions Applying to Waste Disposal

Condition Number and Summary	Compliance Assessment
1. All sewage shall be directed to Sewage Disposal Facilities.	The Licensee has complied with this section.

Condition Number and Summary	Compliance Assessment
2. All sewage effluent shall meet the effluent quality standards.	The Licensee has failed to comply with this section. The Inspector's sampling during his inspection (September 6, 2001) exceeded the thresholds for faecal coliform and biological oxygen demand.
3. Freeboard of 1 m shall be maintained at all dykes and earthfill structures.	The Licensee has complied with this section.
4. All honey bags shall be disposed of to the satisfaction of the Inspector.	The Licensee has complied with this section.
5. The Licensee shall advise the Inspector at least 10 days prior to initiating decant of the sewage disposal facilities.	The Licensee has not complied with this section. The Inspector has no record that 10 days notice was given for the discharge of the sewage disposal facilities.
6. Sewage disposal facility shall be maintained and operated in such a manner as to prevent structural failure.	The Licensee has complied with this section.
7. The Licensee shall maintain the sewage disposal facility to the satisfaction of the Inspector.	The Licensee has complied with this section.
8. Dispose all solid waste at the solid waste disposal facilities or as approved by the NWB.	The Licensee has complied with this section.

#### **Part E - Conditions Applying to Modifications**

Condition Number and Summary	Compliance Assessment
1-2. Modifications may be completed without the NWB's approval provided conditions listed in the licence are met.	Not applicable as no modifications requiring NWB approval were completed in 2001.
3. As-built plans of modifications must be submitted to the NWB within 90 days of completion.	Not applicable as no modifications requiring NWB approval were completed in 2001.

## Part F - Conditions Applying to Construction

Condition Number and Summary	Compliance Assessment
1. Submit design drawings stamped by Engineer prior to construction of any structures that affect water or wastes.	The Licensee has complied with this section. No design drawing were submitted as no relevant construction occurred in 2001.

## Part G - Conditions Applying to Operation and Maintenance

Condition Number and Summary	Compliance Assessment
1. Submission of Operation and Maintenance Plan by July 1, 2001 (6 months after licence issuance).	The Licensee has not complied with this section. The submission of an Operation and Maintenance Plan remains an outstanding issue for the Licensee.
2. Implement the Operation and Maintenance Plan as and when approved by the NWB.	Not Applicable as the Operation and Maintenance Plan has to be approved by the NWB.
3. Unauthorized discharge are to be reported immediately to the spill line and inspector, and followed up with a report within 30 days of reporting the spill.	The Licensee has complied with this section. There were no unauthorized discharges in 2001.

## Part H - Conditions Applying to Abandonment and Restoration

Condition Number and Summary	Compliance Assessment
1. Submit Abandonment and Restoration Plan at least 6 months prior to abandoning any facilities.	The Licensee has not yet announced any plans of abandoning any facilities, and is thus still in compliance with this section.
2. [Does Not Exist]	Not Applicable as there is no Part H, Item 2 in water licence NWB3QIK0106.
3. Implement Abandonment and Restoration Plan as and when approved by the NWB.	Not applicable as no Abandonment and Restoration Plan has yet been approved by the NWB.



Condition Number and Summary	Compliance Assessment
4. If Abandonment and Restoration Plan is not approved, must submit revised plan within 6 months of receiving NWB's decision.	Not applicable as the NWB as yet to announce that it has not approved any Abandonment and Restoration Plan.
5. Restoration work shall be complete within the time schedule specified in Abandonment and Restoration Plan.	Not applicable as no Abandonment and Restoration Plan has yet been approved by the NWB.

### Part I - Conditions Applying to Studies

Condition Number and Summary	Compliance Assessment
1. Submit terms of reference for study to address long-term needs of water supply and waste disposal facilities.	The Licensee has not yet submitted any terms of reference, however, no deadline has yet been missed. The Licensee is thus still in compliance with this section.
2. Licensee shall submit by May 1, 2006 (8 month prior to expiry of licence), study referred to in Part I, Item 1.	The Licensee has not yet submitted the plan referred to in Part I, Item 1, however, no deadline has yet been missed. The Licensee is thus still in compliance with this section.
3. Implement as and when approved by the NWB the proposal described in Part I, Item 3.	INAC believes there is an error in the licence and that Part H, Item 3 is intended to refer to the proposal in Part I, Item 1.  Not applicable since the plan from Part I, Item 1 has not yet been approved by the NWB.

### Conclusion

During the year currently under review (2001), the Licensee was found to be in non-compliance with the following items of licence NWB3QIK0106:

- Part B, Item 2: The Licensee did not complete the sampling or analysis required by the Surveillance Network Program. INAC would like to remind the Licensee that presenting the results of the Water Resource Officer's sampling does not constitute as performing the required sampling for the Surveillance Network Program. As a consequence of this, the Annual Report was deemed incomplete because it did not contain the SNP results (Part B,

Item 1).

- Part D, Item 2: The effluent standards regarding biological oxygen demand and fecal coliform were not met. In his report, the Inspector believed this resulted because of insufficient treatment time due to the early decant that was required to maintain the 1 m freeboard in the sewage lagoon. He also mentions that the Community Government and Transportation (CG&T) capital plans identify resources for water use and waste disposal investigations in the community. Hopefully, this will help prevent such breach of effluent standards from happening again.
- Part G, Item 1: The Licensee is now one year overdue with the submission of their Operations and Maintenance Plan. In their Annual Report, it is mentioned that the plan is pending funding approval from CG&T. By copy of this compliance report to CG&T, we hope that they will help the community deal with this outstanding issue in a timely manner.

As a minor issue, there is no record of a 10 day notice of discharge as required by Part D, Item 5.

***Original Signed By: Michael Roy***

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