

# Multi Year Municipal Compliance Summary

## Qikiqtarjuak

3BM-QIK0712

Source: Tulugak River  
Licensee: Hamlet  
Start and Expiry dates: 5/9/2007 5/31/2012  
Status: Active  
Sampling: Incomplete

### Reporting General

O&M plans submitted but incomplete.  
A&R Plans Unknown

### 2007 Reporting

- Submit required revised plans and manuals
- Submit required sampling results
- Maintain the appropriate signage, and Surveillance Network Program (SNP)
- Develop a Quality Assurance/ Quality Control Plan ( contact the Nunavut Water Board)
- Construction of new water reservoir – dam / berm instruction

### 2008 Reporting

New Reservoir construction to take place 2008  
No annual sampling, reports or manuals as required

### 2009 Reporting

- The Licensee failed to collect and submit for analysis the samples required on the Monitoring Program.
- Failed to contain and prevent releases of hazardous materials in the Waste Management Area
- Failure to submit as required a complete Annual report ( Part B(1))
- Failure to submit a Sewage Sludge Management Plan as required (Part D(6))
- Failure to provide a Wetland Treatment Area assessment which includes;
  - Final, as built plans/drawing
  - Identify the Final Discharge Point
  - An ecological/vegetative assessment
  - Verification of the total area utilized including a description of the gradient and holding capacity
  - An assessment of the potential effects of the release of any leachate from the Solid Waste Disposal Facilities to the Wetland Treatment Area, including migration measures
- Failure to submit results of Acute Toxicity testing ( Part D (10))
- Failure to submit required final construction reports to the Nunavut water Board as required Part E (9))
- Failure to develop and submit an Operation and Maintenance Manuals, ( Part F (1))
  - Revised Water Storage Operation and Maintenance Plan – Feb 2006
  - Sewage Treatment Facility Operation and Maintenance Plan – Feb 2006
  - Solid Waste Facility Operation and Maintenance Plan – Feb 2006
- Failure to submit the required geotechnical Inspection report to be completed annually in July. ( Part F(4))
- Failure to submit a revised Environmental Emergency Contingency Plan for Water, Sewage and Solid Waste Operations in the Hamlet of Qikiqtarjuak, Nunavut ( Part F (6))
- Failure to comply with the Monitoring Program (Part H (2,4,5,6,7, 8,9,10,12 )

### 2010 Reporting

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### **Potable Source**

Water from Tulugak River is now piped to the new reservoir permanently. The reservoir is to be emptied this summer after less than a year to determine if a leak has developed in the liner. Other issues included the need to remove filters as they slowed the fill process of the trucks so substantially. It is anticipated that a new filter style will be installed this fall. The pumps were also replaced with larger units.

The chlorination system appeared to be working however chlorination records were over a week behind. It is unclear if these tests were being completed or not. The Licensee noted that a cut off or gate valve should be installed on the outfall at the reservoir.

### **Waste: Lagoon**

The new sewage lagoon in the community is in use. The old lagoon remains on site and the licensee stated that at this time there are no plans to decommission it. The large capacity of the new lagoon will allow the Licensee the ability to decant every second year. It is hoped this will increase the treatment. A large outfall diffuser was noted on the outfall. One side appears to run up-slope and may have to be moved to allow drainage.

### **Waste: Solid Waste Management Area**

The Municipal Land fill increased in size in 2009 and a new fence was installed. The Municipal Waste Metals Area requires sorting and segregation. The community has a large amount (1,000 cubic meters) of hydrocarbon contaminated soils that require treatment.

A new Landfarm has been constructed at the site of the old Quarry. It is expected that the liner will be installed this month and all hydrocarbon soils and waste oil barrels will be moved to the site before the fall.

### **2011 Reporting**

#### **Waste: Solid Waste Management Area**

The Municipal waste metals area has had some work completed on the sorting of wastes within and adjacent to the facility. Batteries are stored in a sea-can at the entrance to the facility as well.

It is expected that the Land farm will be completed this month and all hydrocarbon soils will be transferred to the new facility. Waste oil barrels from the current site will also be transferred to the Land farm for proper storage in a segregated area.

#### **Waste: Lagoon**

Effluent and ponded water within the old lagoon will be transferred to the new lagoon later in the year. There are no plans at this point to decommission the old lagoon. A large outfall diffuser was noted on the outfall. One side appears to run up-slope and will have to be moved to allow drainage.

Inspections and review completed by Field Operation Section, AANDC

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### **HAMLET OF QIKIQTARJUAQ 3BM-QIK0712 Non-compliance Overview between 2007 and 2011**

**Licence expires May 31, 2012. No application for renewal has been submitted.**

Part B (1) Failure to file an annual report for 2008, 2009.

Part B (2) Failure to implement the monitoring program as described in the licence.

Part B (5) Failure to post required signage.

Part C (3) Failure to maintain Water Supply Facilities to the satisfaction of the Inspector.

Part D (6) Failure to submit a Sewage Sludge Management Plan.

Part D (7) Failure to submit a Wetland Treatment Area assessment.

Part D (12) Failure to properly segregate and store all hazardous materials so as to prevent the deposit of deleterious substances into water. Presence of a large quantity of hydrocarbon contaminated soil awaiting transfer to landfarm.

Part E (9) Failure to submit required final construction reports to the Board.

Part F (4) Failure to submit annual engineer's inspection report.

Part F (11) Failure to submit an O&M plan for the landfarm facility.

Part H Failure to implement the monitoring program and to submit results of monitoring in annual report.