



# Hamlet of Pangnirtung Renewal Application for Water Licence #3AM- PAN---(3BM-PAN1217)

Nunavut Water Board Technical  
Meeting and Pre-Hearing  
Teleconference

December 5-6, 2017



INAC·AANC



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- *Department of Indian Affairs and Northern Development Act*
- Nunavut Agreement
- *Nunavut Land Claims Agreement Act*
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the associated regulations
- *Nunavut Planning and Project Assessment Act*
- *Territorial Lands Act* and the associated regulations
- *Arctic Waters Pollution Prevention Act*



## Contributions to the application review

INAC made the following submissions to the  
Nunavut Water Board:

1. June 7, 2017– Completeness Assessment  
with information requests and  
recommendations
2. July 28, 2017– Technical Review with  
recommendations
3. September 1, 2017- Comments on  
Applicant's response to our Technical  
Review

## Inuktitut

- Inuktitut



# Outstanding issues from technical review

## 1. Water Supply

**The construction and commissioning of the new truck fill station are encouraging developments.**

### 1.2 Water Pumping Capacity

INAC would like clarification on the pumping rate:  
31.7L/sec or 75L/sec.

### 1.3 Duval River as Water Source

Adequacy of the Duval River as source during the low flow months is dependant on the pumping rate.

### 1.4 Surface Water Management around Reservoir

The picture of the berm repair was not found.

### 1.6 Operations and Maintenance Manual for the Water Supply

INAC would like to confirm it will be submitted in December 2017, as was committed to, so it can be reviewed.

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# Technical issues (continued)

## Inuktitut

### 2. Wastewater Treatment

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**The construction and commissioning of new wastewater treatment plant has been successful, the hamlet is meeting its discharge criteria.**

#### 2.1 Wastewater Treatment Plant Bypass Contingency Plan

In the revised plan, INAC is not included in Table 4.2 Additional Agencies, but section 6 on the bypass recording and reporting has been changed.

#### 2.2 Sewage Lagoon

INAC would like to know the location and characteristics of the sewage treatment wetland.



# Technical issues (continued)

## Inuktitut

### 3. Waste Management

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**The landfill and metal dumps are the areas that need the most work.**

#### 3.2 Surface Water Management at Metal Dump

INAC requests an update of the surface water management plan implementation (October 2017).

#### 3.3 Runoff/leachate from Landfill and Metal Wastes Sites

The revisions to the O&M Manual for Solid Waste Facilities do not address our concerns regarding the lack of evidence for natural attenuation.

#### 3.4 Hazardous Waste Storage Area

INAC would like clarification on secondary containment measures.

#### 3.5 Solid Waste O&M Manual

The revised O&M Manual for Solid Waste Facilities has not changed non-committal wording.



## Technical issues (continued)

### 4. General

#### 4.1. Station PAN-01- Raw Water Supply Intake

The logsheets are inadequate, a flow meter should be installed.

#### 4.3 Wastewater Treatment Plant Information

The geographical coordinates are not included on the map provided.

#### 4.5 Spill Contingency Plan

The revised spill contingency plan does not address our last two comments about the facility supervisor and the spill kit locations.

## Inuktitut

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# ΔΙΕΥΚΡΙΝΙΣΤΕ

- **Inuktitut**

1. Water Supply
2. Wastewater Treatment
3. Waste Management
4. General



**Nakurmiik**

**Thank you**

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**Merci**

