



Telephone: 867-678-6676  
Fax: 867-678-6699

October 29, 2018

Town of Inuvik  
P.O. Box 1160  
#2 Firth Street  
Inuvik, NT X0E 0T0

**Attention: Grant Hood Senior Administrative Officer**

**File Number** G17L3 - 001  
**Type of Operation** CLASS A - MUNICIPAL  
**Location** Inuvik, NT

Dear Grant Hood, Senior Administrative Officer,

An inspection of the above noted operation was conducted on by Water Resource Officer Lloyd Gruben. This inspection was conducted on August 15, 2018

Enclosed is a copy of the MUNICIPAL Water Use Inspection Report.

If you have any questions, please contact me at 867-678-6676.

Sincerely,

**Lloyd Gruben**

Water Resource Officer  
Environment and Natural Resources  
Inuvik Region

Cc:

Norman Snowshoe – Regional Superintendent, Beaufort Region

Grant Hood – Senior Administrative Officer

Leonard Debastien – Executive Director - GLWB



## «INSP\_TYPE» WATER USE INSPECTION REPORT

AlecSandra MacDonald – Regulatory Specialist  
Mayor and Council – Town of Inuvik

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## «INSP\_TYPE» WATER USE INSPECTION REPORT

<b>LICENCE #:</b>	G17L3 - 001	<b>EXPIRY DATE:</b>	June 30, 2027
<b>LICENCEE:</b>	Town of Inuvik	<b>PREVIOUS INSPECTION:</b>	
<b>COMPANY REP:</b>	Grant Hood	<b>INSPECTION DATE:</b>	August 15, 2018

### WATER SUPPLY

Source:	Mackenzie River	Quantity Used:	
Owner/Operator:	Town of Inuvik	Meter Reading:	

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

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

### **Water Supply Comments:**

The Water Treatment plant is in good clean order.  
All chemicals utilized are stored in safe manner under lock and key  
Good record and log keeping by plant operators  
Spill kit visible inside and out, also sand available for absorbing any spilled contaminants  
Three plant operators

### **WASTE DISPOSAL – WELL WASTE**

Disposal Method								
Off-Site Removal	N	Drilling Sump	N	Downhole Injection	N	Treat and Landspread	N	Other

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

Sump Liners		Sump Treatment		Freeboard
Erosion		Construction		
SNP Samples Collected				



## «INSP\_TYPE» WATER USE INSPECTION REPORT

### Well Waste Comments:

#### WASTE DISPOSAL - SEWAGE

Disposal Method							
Mechanical	N	Camp Sump	N	Natural Water Body	N	Wetland Treatment	N
Continuous Discharge	N	Intermittent Discharge	N	Seasonal Discharge	N	Land Spread	N
Accelerated Biological	N	Other					

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

Discharge Quality		Decant Process & Structures		Discharge Measurement Device	
Freeboard		Sludge Disposal Method			
Periods Of Discharge				SNP Samples Collected	
Effluent Discharge Rates					

### Sewage Comments:

#### WASTE DISPOSAL - TAILINGS

Disposal Method							
Tailings Pond	N	Natural Lake	N	Underground	N	Other	

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

Conveyance Lines	N/A	Runoff Diversion	N/A	Dams, Dykes	N/A
Freeboard	N/A	Seepages	N/A	Dyke Inspection	N/A
Erosion	N/A	Pond Treatment	N/A	Construction	N/A
Periods Of Discharge	N/A			SNP Samples Collected	N/A

### Tailings Comments:

#### WASTE DISPOSAL - MINING - OTHER



## «INSP\_TYPE» WATER USE INSPECTION REPORT

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

Ore & Waste Rock Stockpiles	N/A	Chemical Storage	N/A
Ground Water Discharge	N/A	Mine Water Discharge	N/A

**Mining-Other Comments:**

### WASTE DISPOSAL - SOLID WASTE

Disposal Method	Landfill						
Open Dump	A	Landfill	A	Burn & Landfill	A	Underground	A
Offsite Removal	A	Other					
Owner / Operator	Town of Inuvik/ Harder Contracting						

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

Runoff Diversion	N/A	SNP Samples Collected	No
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### **Solid Waste Comments:**

Good segregation  
Batteries stored in signed area  
Whites/Appliances own area  
Paint and pails stored

### FUEL STORAGE

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

Owner:	Town of Inuvik	Operator:	Town of Inuvik	Condition of tanks:	A
Berms & Liners	A	Water within Berm:	A	Evidence of Leaks:	None
Drainage Pipes	A	Pump Station and Catchment Berm	A	Runoff Diversion	A
Pipeline Condition					

### **Fuel Storage Comments:**

All tanks in good condition



## «INSP\_TYPE» WATER USE INSPECTION REPORT

No evidence of any leakage

### DAM – STRUCTURAL CONDITION OF DAM

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

Required Freeboard							
Crest	Cracking	Subsidence	Heaving	Wave Erosion	Brushing Required		
Upstream Face	Cracking	Surface Erosion	Gullyng	Wave Erosion	Brushing Required		
Downstream Face	Cracking	Surface Erosion	Gullyng	Wave Erosion	Brushing Required		

### Structural Condition Of Dam Comments:

### DAM – SPILLWAYS and DISCHARGE STRUCTURES

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

Intake Structures	Discharge Structures
Seepage	Erosion
Downstream Discharge	Stage Discharge Curves
Forebay Level	Tail Race Level
Flow rate (Power House)	
Flow rate (Spillway)	
Power Production	
Forebay Max Level	
Forebay Min Level	

### Spillways and Discharge Structures Comments:

### SURVEILLANCE NETWORK PROGRAM

Samples Collected Licence	No
Samples Collected ENR	No

Signs Posted:    SNP	Yes	Warning
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## «INSP\_TYPE» WATER USE INSPECTION REPORT

### Surveillance Network Program Comments:

SNP samples were collected by Town of Inuvik employees

### GENERAL CONDITIONS/REPORTS/PLANS

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

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

### General Condition Comments:

Hidden Lake water supply in good condition  
Double Walled tanks utilized for fuel storage  
New Water Holding Tank approved for construction,

### ADDITIONAL COMMENTS/REMARKS

The landfill operator not checking what is being disposed of by industrial users  
Some whites/appliances not disposed of in segregated area  
Windblown material on east side of landfill  
Noticed paint pails, brushes and used pans not disposed correct area, operator not checking what is being disposed of  
Landfill being capped

### MATTERS FOR FOLLOW UP

Notify landfill operator that debris brought out is checked on what is disposed  
Operator make sure debris dumped in correct area ie: whites/appliances, paint pails/ pans  
Operator to check if any painted material has been checked for lead before accepting

### NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

Inspector's Signature: