



## WATER USE INSPECTION REPORT

Date: July 10, 2011	Licensee Rep. (Name/Title): Sam Kapolak	
Licensee: Bathurst Inlet Lodge – Gov of Nunavut		Licence No.: No Licence

### **WATER SUPPLY**

Source(s): Burnside River	Quantity Permitted: No Licence	
Owner/Operator:		

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Intake Facilities:	Storage Structure:	Treatment Systems:	Chemical Storage:
Flow Meas. Device:	Conveyance Lines:	Pumping Stations:	Screen :

**Comments:** Water for the Lodge and residents of Bathurst is taken from the Burnside River. Chlorine bleach is used to treat the water. There are no records of water usage or treatment.

### **WASTE DISPOSAL**

**Sewage:** Sewage Treatment System (Prim./Sec/Ter.): Honey Bags

Natural Water Body:	Continuous Discharge (land or water):	
Seasonal Discharge:	Wetlands Treatment:	Trench:

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Discharge Quality:	Decant Structure:	Erosion:
Discharge Meas. Device:	Dyke Inspection:	Seepages:
Dams, Dykes:	Freeboard:	Spills:
Construction:	O&M Plan:	A&R Plan:
Discharge:	Effluent Discharge Rate:	

**Comments:** Sewage is disposed of in honey bags and deposited in a pit on Garbage Island. It is still to be determined who is responsible for the waste disposal site on Garbage Island, but proper management is required.

### **Solid Waste:**

**Owner/Operator:**

Landfill:	Burn & Landfill:	Other:
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**Comments:** Solid waste is transported to Garbage Island and burned in pits.

### **FUEL STORAGE:**

**Waste Oil Storage:**

**Owner/Operator:**

Indicate: **A** - Acceptable **U** - Unacceptable **NA** - Not Applicable **NI** - Not Inspected

Berms & Liners:	Water within Berms:	Evidence of Leaks:
Drainage Pipes:	Pump Station & Catchments Berm:	
Pipeline Condition:	Condition of Tanks:	

**Comments:** There is a considerable amount of fuel stored onsite. Most of the fuel is owned by Petroleum Products Division (Government of Nunavut) and the other fuel is owned by Bathurst Inlet Lodge and several companies using the airstrip. There are thousands of empty drums that have accumulated over the years and are stored within 30 Meters of the Inlet.

- Any fuel stored onsite is required to be placed in secondary containment and should be done immediately. It is the responsibility of the current land owner (Bathurst Inlet Lodge) to communicate with the Government of Nunavut and various companies using the site to make they are aware that secondary containment is required for fuel stored onsite.
- All empty drums must be back hauled for proper disposal and records should be kept and available for the Inspector.
- I have included a list of companies and approximate number of fuel drums:
  - Northrock @ Airstrip – Approx. 65-70 full and 150 empty with no secondary containment.
  - KitIA @ Airstrip – Approx. 56 full drums with no secondary containment.
  - GN PPD – Approx. 400-450 drums of gasoline/diesel (2008 & 2010). These are within 30 meters of the ordinary high water mark with no secondary containment.
  - GN PPD – 2 white (55,000 L) fuel tanks, one empty and the other has an unknown quantity of fuel.

- Air Tindi @ Airstrip – Approx. 10 drums with no secondary containment.
- There is a pallet of batteries (~20), waste oil and metals stored near the airstrip. This should be back hauled for proper disposal.

## **SURVEILLANCE NETWORK PROGRAM (SNP)**

<b>Samples Collected</b>		<b>Owner /Operator:</b>
		INAC:None
<b>Signs Posted</b>	<b>SNP:</b>	<b>Warning:</b>
<b>Records &amp; Reporting:</b>		
<b>Geotechnical Inspection:</b>		

### **Non-Compliance of Act or Licence:**

- Secondary containment is required for all fuel onsite and should be in place during the summer 2012.
- A plan to remove and dispose of the empty drums is required and should be done as soon as possible.
- A determination of who is responsible for Garbage Island, Airstrip and all other components related to Bathurst Inlet is necessary in order to provide proper management for the area.
- Proponents using the airstrip to stored fuel must be informed that fuel must be placed in secondary containment or removed from site. All hazardous materials and waste metals must be back hauled for proper disposal.

Ian Rumbolt

Inspector's Name

Sent by E-mail

Inspector's Signature