

WATER USE INSPECTION REPORT FORM CIDM# 429031

Date: Sept 3 & 4 2010	Licensee Rep. (Name/Title):Mr. Chris Chai SAO
Licensee: Municipality of Coral Harbour	Licence No.: 3BM-COR0813

WATER SUPPLY

Source(s): Post River to Reservoir		Quantity used: No records for review	
Owner:/Operator: Municipality of Coral Harbour			
Indicate: A - Acceptable U - Unacceptable NA - Not Applicable NI - Not Inspected			
Intake Facilities: A	Storage Structure: A	Treatment Systems: A	Chemical Storage: A
Flow Meas. Device: A	Conveyance Lines: A	Pumping Stations: A	Screen : NA

Comments:
Water is collected into a reservoir from the river and then taken in via pumping station where it is treated and distributed by truck in the community.
No Chlorination records were available for review during the Inspection period.

WASTE DISPOSAL

Sewage: Sewage Treatment System (Prim./Sec/Ter.): Primary

Natural Water Body: No	Continuous Discharge (land or water): None	
Seasonal Discharge: Fall	Wetlands Treatment: None	Trench: None
Indicate: A - Acceptable U - Unacceptable NA - Not Applicable NI - Not Inspected		

Discharge Quality: A	Decant Structure: NI	Erosion: None
Discharge Meas. Device: NA	Dyke Inspection: NI	Seepages: None
Dams, Dykes: A	Freeboard: A	Spills: None
Construction: NI	O&M Plan: NI	A&R Plan: NI
Discharge: None	Effluent Discharge Rate: Unknown	

Comments: Lagoon was constructed of gravel compacted on site. Effluent from inside the lagoon flows through the wall of the berm and pools immediately outside and adjacent to the lagoon. Tanya Trenholm (INAC) collected samples from immediately outside of the lagoon. The lagoon is fenced and has signage.

Overland flow from the lagoon extends for at least 500 meters to a shallow lake or pond. This is where the Inspector sampled. Apparently approx 1 km further on over a rock outcrop is another sampling site chosen by the contractor working for the Municipality. This was deemed too far to be representative of the effluent entering the environment and so samples were not collected from that site.

Solid Waste: Small Haz- mat storage for batteries. Land fill, bulk metal wastes in same general area
Owner/Operator: Municipality of Chesterfield Inlet

Landfill: NA	Burn & Landfill: A	Other:
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Comments: Coral Harbour has a very small shack set aside for batteries. The Hamlet also requires a Haz mat storage area with appropriate liner and proper segregation of wastes for waste oils and other fluids.

The Inspector sampled between the Lagoon and the Waste management area in ponded water. The Bulk Metals area requires sorting.

FUEL STORAGE:

Owner/Operator: Government of Nunavut
Indicate: A - Acceptable U - Unacceptable NA - Not Applicable NI - Not Inspected

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

Waste Oil Storage: NI – None noted

SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected		Owner /Operator: None	
3		INAC: Down gradient of lagoon, Leachate from WMA and potable.	
Signs Posted	SNP: Present		Warning: Signage present
Records & Reporting: records to be provided in annual report			
Geotechnical Inspection: N/A			

Non-Compliance of Act or Licence:

The Municipality is working on achieving compliance with the issued License.

The SAO was advised to contact the Nunavut Water Board regarding proposed road construction projects.

At the end of the Inspection and before the Inspector was to board the plane the SAO and the ex-mayor both approached the Inspector about the following issues;

- Over 100 green military barrels of oil and lubricants marked ASAF. These are located just off the runway and have been on site as long as anyone can remember. Some of the barrels are leaking and should be removed from the community.
- Outside the airport along the roadway back to town off the road that used to lead to the old American base there is a river. In the river, along the side are barrels beginning to poke out. The inspector counted 50 plus barrels, mostly rusted but also some in-tact that may contain unknown substances.

Both of these issues are being forwarded to the Director of Contaminated Sites Program (INAC) in Iqaluit for consideration.

A.Keim

Inspector’s Name

Sent by E-mail

Inspector’s Signature

