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## MUNICIPAL WATER USE INSPECTION REPORT

Date: August 15, 2003

Licensee Rep. (Name/Title): Roy Mullins/ SAO

Licensee: Hamlet of Chesterfield Inlet

Licence No.: Unlicensed

### WATER SUPPLY

Source(s): First Lake

Quantity used:

Owner:/Operator: Hamlet of Chesterfield Inlet

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: NA

Conveyance Lines: NA

Pumping Stations: A

**Comments:** Water Intake Facility was operating and the chlorination system appeared to be well maintained. Complete records of water use and chlorine concentrations need to be kept. The reservoir was completely fenced in with a sign warning people to keep out..

### WASTE DISPOSAL

**Sewage:** Sewage Treatment System (Prim./Sec/Ter.): Secondary; over land to ocean.

Natural Water Body: X

Continuous Discharge (land or water): water

Seasonal Discharge: X

Wetlands Treatment: X

Trench:

**Solid Waste:** Owner/Operator: Hamlet of Chesterfield Inlet

Landfill:

Burn &amp; Landfill: X

Other:

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

Discharge Quality: Sampled

Decant Structure: NA

Erosion: A

Discharge Meas. Device: NIL

Dyke Inspection: NA

Seepages: A

Dams, Dykes: NA

Freeboard: NA

Spills: NIL

Construction: NA

O&amp;M Plan: NA

A&amp;R Plan: NA

Periods of Discharge: A

Effluent Discharge Rate: Not Measured

**Comments:** The Sewage Lagoon discharges to a large shallow wetland area prior to entering the ocean. There is considerable vegetation in this area that assists in the breakdown of the sewage. The Solid Waste Disposal Facility is segregated into several sections, bulky metal waste, waste oil and general garbage. The waste oil area has contaminated soil and a number of drums are tipped over. Drums should be placed upright on pallets to prevent further spillage from rusted out drums.

### FUEL STORAGE

Owner/Operator:

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

Berms &amp; Liners: U

Water within Berms: A

Evidence of Leaks: A

Drainage Pipes: NI

Pump Station &amp; Catchment Berm: NI

Pipeline Condition: NI

Not Applicable: NI

Condition of Tanks: NI

### SURVEILLANCE NETWORK PROGRAM (SNP)

Samples Collected Hamlet: NIL

INAC: potable water, sewage effluent

Signs Posted SNP: *NONE*

Warning: at Reservoir

Records &amp; Reporting: Not Applicable

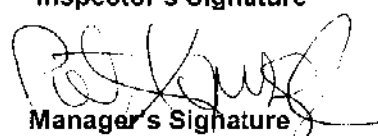
Geotechnical Inspection: Not Applicable

**Non-Compliance of Act or Licence:** At the time of inspection the Hamlet of Chesterfield Inlet did not hold a Water Licence as required under both the *Nunavut Land Claims Agreement 1993* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act 2002* for the use of water and disposal of waste.

Scott Stewart

Inspector's Name

Peter Kusugak  
Manager's Name
  
Inspector's Signature

  
Manager's Signature