

MUNICIPAL WATER USE INSPECTION FORM

DATE: Aug 11/14 COMPANY REP.: Ray Mullins

LICENSEE: Hamlet of Chesterfield Inlet LICENCE #: NWB3C1HE0308

WATER SUPPLY

Source (s): First Lake Quantity Used (to date): 1004360 L

Owner/Operator: Hamlet of Chesterfield (estimate or actual)

Indicate: A. - Acceptable U. - Unacceptable N/A - Not Applicable

Intake Facilities: A Storage Structure A Treatment Systems A Chem. Storage N/A

Flow Meas. Device A Convey. Lines N/A Pumping Stations N/A

Comments: The reservoir is filled each year in September, samples were taken at first lake. The pre-treatment plant is clean & well maintained with fairly consistent record keeping. The pump house is clean and appears well maintained.

WASTE DISPOSAL

Sewage Sewage Treatment System (primary, secondary or tertiary) 2°

Natural Water body _____ Continuous Discharge (land or water) ✓

Seasonal Discharge _____ Wetlands Treatment extensive Trench _____

Solid Waste: Owner/Operator: Hamlet

Landfill _____ Burn & Landfill ✓ Other _____

Indicate: A. - Acceptable U. - Unacceptable N/A - Not Applicable

Disch. Quality sampled Decant Structure NA Erosion NA

Disch. Meas. Dev. NA Dyke Inspection NA Seepages sampled

Dams, Dykes NA Freeboard NA Spills NA

Construction NA O & M Plan Not done A & R Plan NA

Periods of Discharge: _____ Effluent Discharge Rate: _____

Comments: The sewage system is in the same spot as the old landfill while it is still usable as the sewage discharge can. Problems with the sewage effluent could likely be linked to the location as the old landfill's some segregation of materials with waste batteries stored in old water tank tanks. Solids migration may still be a problem in sewage treatment.

FUEL STORAGE

Owner: GIN Operator CC-OP Condition of Tanks NE

Berms & Liners U (exposed liner) Water within berm: A (NIL) Evidence of Leaks: None

Drainage Pipes A Pump Station and Catchment Berm NA

Pipeline Condition NE Not Applicable: _____

SURVEILLANCE NETWORK PROGRAM

Samples Collected: (Hamlet) Nine / Monthly samples for public health

(DIAND) CHE-1 / CHE-2 / CHE-4

Signs Posted: SNP None Warning _____

Record & Reporting None. The Hamlet needs to develop a Surveillance Network Program with signs at each sampling location and the data submitted in an Annual Report.

Geotechnical Inspection: None

Non-Compliance of Act or Licence: The waste containers are waste oil storage and drums with oil should be stored in a lined, bermed area in sealed drums or pallets. All spills should be reported to the 24hrs spill line at 920-8736. The Hamlet needs to provide an Operation & Maintenance Manual for its sewage & solid waste disposal facilities.

Page 2 attached Yes ✓ No _____

Ray Mullins SAC

Licencee Representatives Title

[Signature]

Licencee Representatives Signature

Scott Stewart

Inspectors Name

[Signature]

Inspectors Signature

WATER USE INSPECTION REPORT

(continued)

Date: Aug 11/04

Licence #: NUB30HEC308

General Comments: (Continued)

Sewage pond 1 The wetland was very deep. Samples could not be taken beyond the large pond in the wetland.

Waste oil storage is a significant problem. There are a large number of spills at the site and something needs to be done with the waste oil. In the short term the drums need to be sealed and stored upright on pallets to help prevent spills. The Hunkit should also look into purchasing a waste oil burner.

The bulky metal waste storage area is directly above the sewage lagoon. All sawmill/iron -oil (or) flows into the sewage lagoon. An alternative site for bulky metal waste storage should be examined. The Hunkit also needs to set aside an area for the storage of hazardous material i.e. solvents, waste paint, lead acid batteries). An effort has been made to keep batteries separate by storing them in an old water tank. Further efforts should be made to segregate all hazardous waste as per the Nunavut Solid Waste Management Manual developed by the G.N.

Nunavut Water Board

NOV 26 2004

Public Registry

INTERNAL

PG ☒

MA ☐

FO ☐

LA ☐

BS ☐

ST ☐

TA1 ☐

TA2 ☐

RC ☐

ED ☐

CH ☐

BRD ☐

EXT ☐

Scott Stewart

Water Inspector