



P.O. Box 100
Iqaluit, NU, X0A 0H0

September 15, 2003

Elwood Johnson
Senior Administrative Officer (SAO)
Municipality of Kugaaruk
General Delivery
Kugaaruk, NU X0E 1K0

Faxed to: (867) 769-6069

Deposit of Waste in Contravention of Water Licence NWBPEL9803

- Inspector's Direction -

I, Constantine Bodykevich; duly designated Inspector pursuant to subsection 85 (1) *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, conducted an inspection on September 5, 2003 of Kugaaruk.

At the time of the drafting of this letter Kimmirut was in contravention of subsection 12 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*. The Water Resources Officer observed drums of waste at Kugaaruk with markings consistent with those used for industrial purposes. These drums were not stored in accordance with Hazard Waste Guidelines.

As stipulated in subsection 12 (1) Except in accordance with the conditions of a licence, no person shall deposit or permit the deposit of waste in any other place under conditions in which the waste, may enter waters in Nunavut.

As stipulated in subsection 12 (3) Where waste is deposited in contravention of this section, every person who owns or has the charge, management or control of the waste, or who caused or contributed to the deposit, shall, subject to the regulations, without delay report the deposit to an inspector.

As such, under the authority vested in me pursuant to subsection 87 (1) (ii) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, I hereby direct, Elwood Johnson to immediately:

- ☐ Immediately insure that any 45 gallon drums of oil, fuel and solvent are consolidated and properly stored in an upright position with all bungs in place on level ground with no visible signs of leakage. All drums are to be stored within the municipal solid waste disposal facilities in Kugaaruk.
- ☐ Insure that no drums of waste oil, waste fuel or other associated waste products from industrial sources (Nunavut Power Corporation) are deposited to the municipal waste facilities of Kugaaruk.

Failure to comply fully or in part with an **Inspector's Direction** constitutes a offence under subsection 90 (1) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and entails, upon summary conviction, a fine of \$100,000 or to imprisonment for a term of one year, or both. Further pursuant to subsection 90 (4) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, each day on which the **Inspector's Direction** is not complied with shall be considered a separate offence.

If you have any questions or concerns, please do not hesitate to contact me at (867) 975-4298 or bodykevichc@inac.gc.ca.

Sincerely,



Constantine Bodykevich

Water Resources Officer,

INAC - Nunavut District

P.O. Box 100, Iqaluit, NU, X0A 0H0

cc. -Nunavut Water Board, Gjoa Haven

Kugaaruk Inspection 2003



Photo 1. Water Intake Facility on Kugurdjuk River.



Photo 2. Generator room at Water Intake Facility.

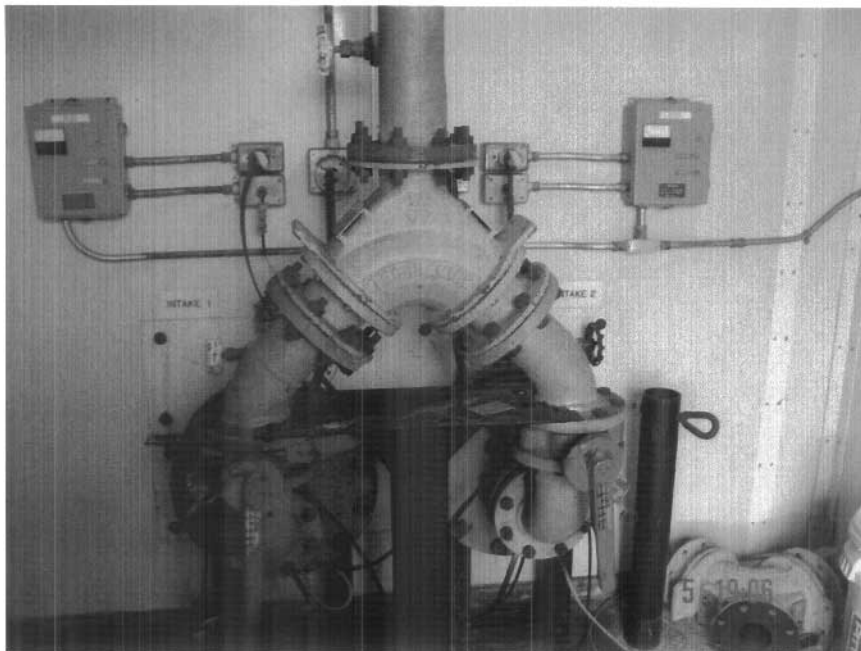


Photo 3. Water intake pump main lines at Water Intake Facility.



Photo 4. Chlorination system at Water Intake Facility.



Photo 5. Old conveyance line heat trace.



Photo 6. Location of potable water sample N 68.3242.2 W 89.4310.4 on the Kugurdjuk River.



Photo 7. Solid Waste Disposal Facility tipping face.



Photo 8. Solid Waste Disposal Facility tipping face extends entire dump.



Photo 9. Solid Waste Disposal Facility with waste oil drums located at dump entrance.

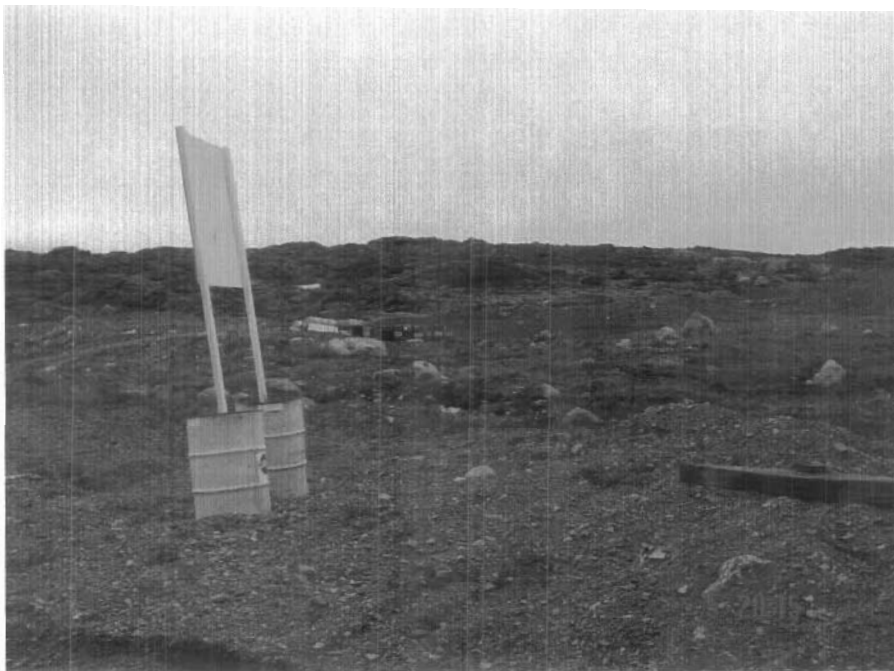


Photo 10. Relocation of waste oil storage area adjacent to metal dump.



Photo 11. Metal dump, waste batteries improperly stored



Photo 12. Waste not segregated at metal dump.



Photo 13. Sewage truck discharge structure at sewage lagoon.



Photo 14. New sewage lagoon berm in photo centre.



Photo 15. New berm and road at back of sewage lagoon.



Photo 16. Seepage emitting from back of sewage lagoon.

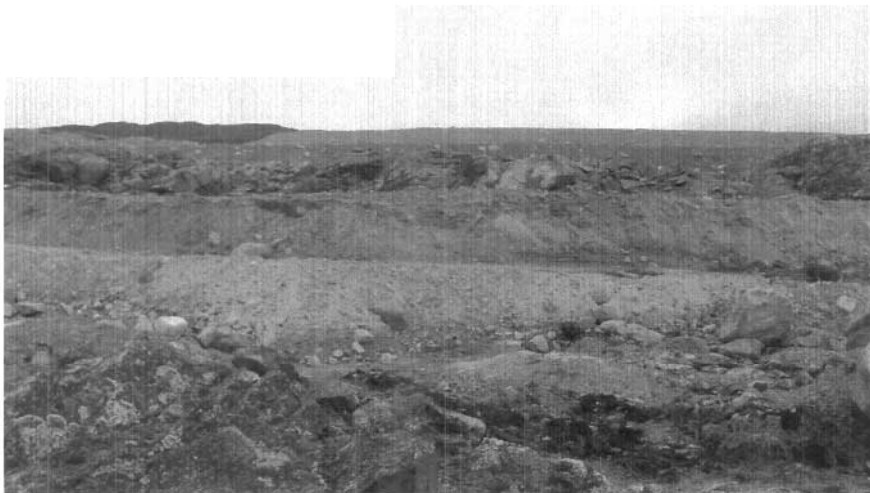


Photo 17. New berms along side of sewage lagoon.



Photo 18. Sewage effluent seepage from new sewage lagoon,
sewage lagoon sample site N 68.3115.5 W 89.5001.5.

MUNICIPAL WATER USE INSPECTION REPORT

Date: August 5, 2003

Licensee Rep. (Name/Title): Elwood Johnson/ SAO

Licensee: Hamlet of Kugaaruk

Licence No.: NWB3PEL9803

WATER SUPPLY

Source(s): Kugurdjuk River

Quantity used: not metered

Owner:/Operator: Hamlet of Kugaaruk

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

Intake Facilities: A Storage Structure: A Treatment Systems: A Chemical Storage: NI

Flow Meas. Device: NA Conveyance Lines: NA Pumping Stations: A

Comments: The Water Intake Facility is well maintained however the generator room floor was oily. This may be due to a leak that should be addressed. There were signs of fishing within 10 meters of the Water Intake Facility. A coil of waste heat trace was discarded at the back of the facility, all garbage should be removed to protect the intake pump. Signs should be posted restricting fishing in the vicinity of the Water Intake Facility.

WASTE DISPOSAL

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

Natural Water Body:

Continuous Discharge (land or water): land

Seasonal Discharge: X

Wetlands Treatment: X

Trench:

Solid Waste: Owner/Operator: Hamlet of Kugaaruk

Landfill:

Burn & 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: U

Dams, Dykes: U Freeboard: NA Spills: NIL

Construction: NA O&M Plan: U A&R Plan: U

Periods of Discharge: A Effluent Discharge Rate: Not Measured

Comments: The berm at the east end of the Sewage Lagoon allowed excessive seepage. The new berm/ road contained the sewage effluent seepage from the sewage lagoon. The Solid Waste Disposal Facility and metal dump are poorly segregated. Waste batteries were observed scattered throughout the metal dump. The waste oil storage area was being relocated from the Municipal Solid Waste Disposal Facility to the Metal Dump.

FUEL STORAGE

Owner/Operator:

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 & 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: NIL Warning: None Observed

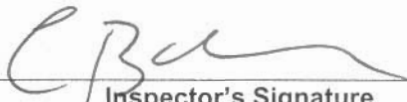
Records & Reporting: Not Applicable

Geotechnical Inspection: Not Applicable

Non-Compliance of Act or Licence: At the time of inspection the Hamlet of Kugaaruk has not submitted a Annual Water Licence Report as required under both *Nunavut Land Claims Agreement* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* for the use of water and disposal of waste.

Constantine Bodykevich

Inspector's Name



Inspector's Signature

Peter Kusugak

Field Operations Manager Name



Manager's Signature