



Nunavut District Office
P.O. Box 100
Iqaluit, NU
X0A 0H0

May 27, 2003



| INTERNAL | |
|----------|----|
| PC | DP |
| LA | |
| OM | |
| TA | |
| BS | |
| ST | |
| ED | |
| CEO | |
| BRD | |
| EXT. | |

Your file: Votre référence

Our file: Notre référence

NAB3ARC0207

Bill Harding
Senior Administrative Officer (SAO)
P.O. Box 150
Arctic Bay, NU X0C 0E0

faxed to: (867) 439-8767

**Deposit of Waste and Failure to make a Spill Report
In Contravention of Water Licence NWB3ARC0207
- Inspectors Direction-**

I, Constantine Bodykevich; duly designated Inspector pursuant to subsection 85 (1) Nunavut Waters and Nunavut Surface Rights Tribunal Act, conducted, on May 23, 2003 an Inspection in regards to Spill (03-332), a prolonged discharge of untreated Sewage Lagoon effluent to Arctic Bay.

As stipulated in subsection 12 (2) except in accordance with the conditions of a licence, no person shall deposit or permit the deposition of waste in any other place under conditions in which the waste may enter waters in Nunavut.

At the time of drafting this letter Arctic Bay was in contravention of:

Part B: General Conditions

Section 6. The Licencee shall Immediately report to the 24 hour Spill Line any spills of Waste, within the municipal boundaries or in the areas of Water Supply or Waste Disposal Facilities.

As such, under the authority vested in me pursuant to subsection 87 (1) (ii) of the Nunavut Waters and Nunavut Surface Rights Act, I hereby direct Municipality of Arctic Bay, to immediately take all reasonable measures to prevent further unauthorized releases of waste into the environment, and where possible, remedy the adverse effects of such waste already deposited. These reasonable measures shall include, but are not limited to:

030527NWB3arc0207 inspectors direction - ILAE

Immediately enlarge the dump road north ditch to stop the melt water from accumulating in the new lagoon.

Immediately place aggregate material at the toe of the old sewage lagoon to eliminate the present seepage problem.

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 up to \$100,000 or to imprisonment for a term of up to 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 Resource Officer
INAC - Nunavut District

cc. -Nunavut Water Board, Gjoa Haven (Jim Wall)
 -CG&T, Rankin Inlet (David Parker)
 - EC Environmental Protection, Iqaluit (Sid Bruinsma)
 - INAC Water Management, Iqaluit (Michelle Mc Christie)

Arctic Bay Spill Inspection 2003

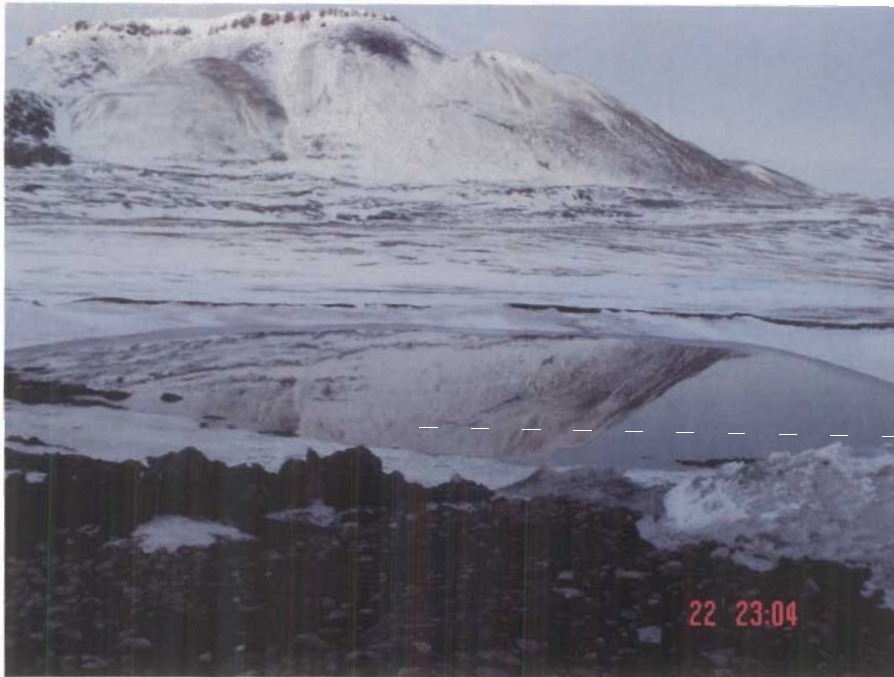


Photo 1. New Sewage Lagoon at full capacity.



Photo 2. Old Sewage Lagoon.



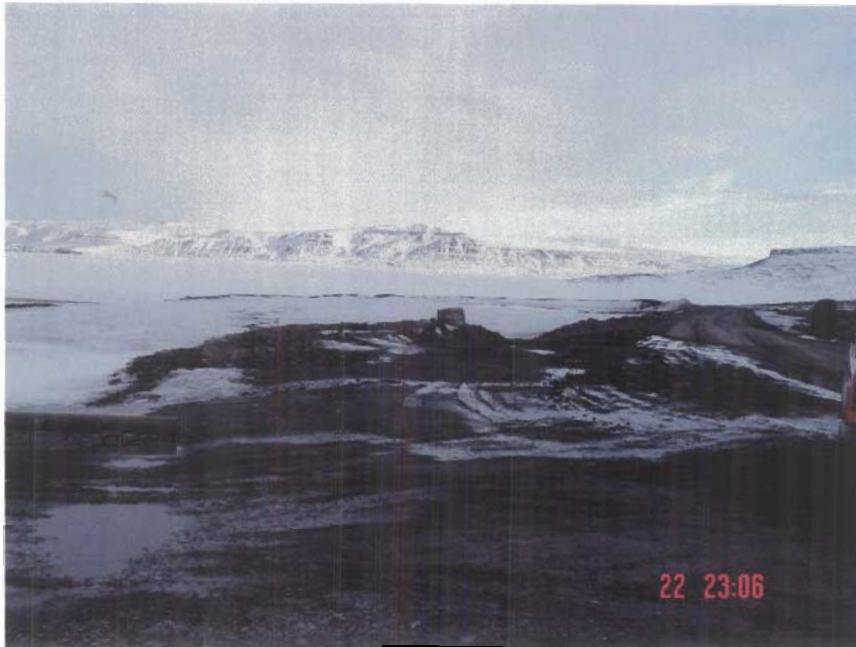


Photo 3. New Sewage Lagoon truck discharge, seepage from north side of road getting into new sewage lagoon.



Photo 4. Area that had been flooded by breach in New Sewage Lagoon about 1000 square metres.



Photo 5. Culvert that drains Lagoon effluent to Arctic Bay.



Photo 6. Discharge side of Arctic Bay road culvert.

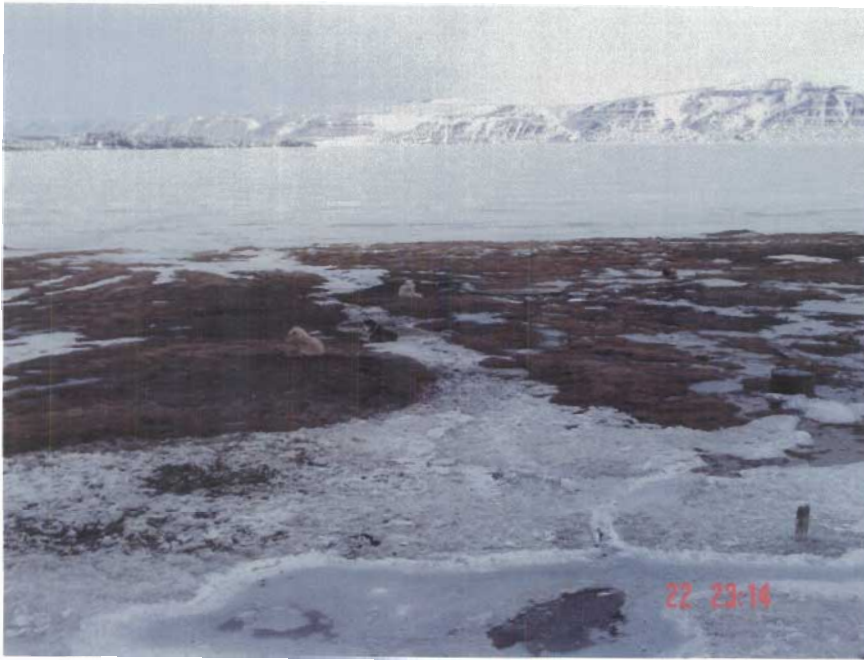


Photo 7. Flow path of Arctic Bay Sewage Lagoon effluent.



Photo 8. New Sewage Lagoon showing minimal freeboard in lagoon.



Photo 9. Location of breach in Old Sewage Lagoon.



Photo 10. Location of effluent seepage from Old Sewage Lagoon.
Sample ARC-3-1 N730203.9
W0850458.9



Photo 11. Culvert at Arctic Bay road sample ARC-3-2
N730153.6
W0850515.9.



Photo 12. Chanel of flowing Sewage effluent from Old Sewage Lagoon.



Photo 13. Breach in New Sewage Lagoon berm.



Photo 14. Southern side of New Sewage Lagoon shows no signs of seepage.



Photo 15. Location of New Sewage Lagoon berm breach.



Photo 16. New Sewage Lagoon with breached section in the centre of the photo.



Photo 17. Sewage truck discharging in Old Sewage Lagoon.



Photo 18. Bottom of Old Sewage Lagoon within 15 minutes of truck discharge.



Photo 19. Discharge path of Sewage Lagoon effluent.



Photo 20. Discharge path of Sewage Lagoon effluent and location of Sample ARC-3-3