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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

File No: NWB3PAN

November 13, 2002

To: Distribution List

Re: Hamlet of Pangnirtung

Offal from the Pangnirtung Fisheries Turbot processing operation (which includes bone, skin and fins) is generally produced from September through May, inclusive. Approximately 30 tons of offal are generated from the process during the months of October, November, February, March and April, whilst 15 tons are generated in each of the months of September, December and May. This material has been accepted by the Hamlet of Pangnirtung for disposal in the municipal landfill since the processing plant commenced operations

Offal has traditionally been surface dumped in the town dump in Pangnirtung. However, during an inspection this spring, Environment Canada indicated that the offal disposal area would have to be altered or moved as the offal was leaking into the Bay via a brook due to a breach in the containment berm. The Hamlet of Pangnirtung is proposing the following amendment to the Application for a Water Licence, which was filed on June 4, 2002.

The Hamlet of Pangnirtung is proposing that a disposal pit for the fish offal be located in the far eastern corner of the Landfill Facility, in an area presently segregated for animal carcass disposal. The proposed disposal area will be approximately 30 feet wide by 90 feet long by 5 feet deep. The Hamlet proposes to dispose of offal into the pit with each layer covered by a layer of calcium to help the offal degrade. As the depth of the proposed disposal pit will be below the active layer-permafrost interface, permafrost will eventually aggrade into the material contained therein once the disposal pit is covered. No material will be left uncovered during the summer months, to ensure that odour generation from the proposed disposal area is minimized. Additionally, a surface water diversion program will be implemented at the disposal facility, to minimize the entry of water into the waste containment area.

The long term plans for the fish plant is to purchase a de-boner and plate freezer to remove 90% of the remaining meat with only bone dumped into the pit. It is estimated that the present pit would accommodate about two years of offal and that an offal solution would be online within the two year period thus eliminating 90% of the existing waste.

Attached to this memo is the request from the Hamlet of Pangnirtung for the amendment to their application, as well as three drawings. Please provide comments prior to November 28, 2002.

Sincerely,

Phyllis Beaulieu
A/Licensing Administrator

cc. Distribution List

Hamlet of Pangnirtung – NWB3PAN – November 13, 2002

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