

Jn 13/07

Kugluktuk Sewage Lagoon and Solid Waste Facilities Status

The present lagoon is extremely under-sized for the present needs of the community. In addition, it has never been an engineered system, and effluent has been exfiltrating on a regular basis through the community-built berm that was made from local granular fill. There is no retention time because of this continuous exfiltration. However the path the effluent takes to the ocean outfall is long and is over native tundra sedges. This natural wetland is working well to produce effluent that meets standards long before it reaches the sea.

The proposed new lagoon will be fully-lined, and will be large enough to meet the community's needs for the next 20 years. In addition, the wetland will be further enhanced by standard engineering techniques such as cofferdams, swales, etc, to increase the breadth of the sewage flow.

In addition, extensive refurbishing of the existing solid waste site and metals dump, etc, is designed.

Kugluktuk has no local contractor able to do the work. NDL was the only responsible bidder on the tender package to do the work on sewage and dumps, and is mobilizing now in order to get the materials on the barge in time to do the work this season. If the GN were to cancel the contract, the chances are good that we would have no one to bid in the future, and funding would not be sufficient to do anything substantive in the future.

