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Our file: 4782 058  
NWB file: 3BM-COR0813

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Via email at: [licensingadmin@nunavutwaterboard.org](mailto:licensingadmin@nunavutwaterboard.org)

**RE: 3BM-COR0813 – Coral Harbour O&M Manual Water, Sewage & Solid Waste Plan**

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Nunami Stantec Ltd. has submitted an Operations and Maintenance (O&M) Manual for Water, Sewage, and Solid Waste Facilities at Coral Harbour, NU to satisfy Item 1 Part F of Water Licence 3BM-COR0813. The Hamlet of Coral Harbour is located on Southampton Island (64° 8' 18" N, 83° 9' 56" W), approximately 466 km northeast of Rankin Inlet, NU. At the time of the 2006 population census, 769 people lived within this community. The number of residents is expected to rise by 2.45% annually, as projected by the Nunavut Bureau of Statistics.

Environment Canada provides the following comments and recommendations with respect to the O&M Manual for the Nunavut Water Board's consideration:

**Section 3 Water Distribution System, Operations & Maintenance**

- EC recommends that a water quality monitoring program log sheet be included in the operations and maintenance manual.

**Section 5 Solid Waste Disposal Facilities Operations & Maintenance**

- In Section 2.3 of the O&M Manual it is identified that there are several ponds within the Municipal Solid Waste Facility. These areas should be graded to minimize pooling and the amount of water leaving the landfill area. The Hamlet should test and dispose of any collected leachate. These issues should be addressed prior to any discharge to ensure the requirements of the Fisheries Act will be met.
- In Section 2.3 of the O&M Manual, it is stated that "currently little is done for hazardous waste management at the Municipal Solid Waste disposal facility." EC supports the recommendation that improvements need to be made in the management of hazardous wastes. Environment Canada recommends that a secure area, preferably located within a berm, be created for the storage of hazardous materials, so as to help prevent the potential release of any deleterious substances into the environment. The proponent shall ensure that any hazardous wastes are disposed of at an approved facility.

## **Section 6 Emergency Response**

- The Plan should include the following statement, “**all spills** of oil, fuel, or other deleterious materials, **regardless of size**, are to be reported to the NWT-NU 24hr Spill Line (867) 920-8130.
- Environment Canada recommends that the proponent include a provision that drip pans be used when refueling equipment on site in order to help prevent spills from occurring.

EC looks forward to reviewing the Sludge Management Plan that will be provided upon physical and chemical sampling. If there are any changes to the proposed plan, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4631 or by email at paula.c.smith@ec.gc.ca

Yours truly,

***Original signed by***

Paula Smith  
Environmental Assessment Coordinator  
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