



INCORPORATED HAMLET OF SACHS HARBOUR

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FACSIMILE TRANSMITTAL SHEET

TO:	Mike Harlow	RE:	Water licence
COMPANY:	NWT Water Board	DATE:	October 11, 2012
FAX NUMBER:	678-2943	TOTAL NO. OF PAGES INCLUDING COVER:	3
PHONE NUMBER:	678-2942	SENDER'S REFERENCE NUMBER:	
YOUR REFERENCE NUMBER:			

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

FROM:

- ☒ Adella Carpenter – Interim Senior Administrative Officer
- ☐ Kowesa Etitq-Trainee Senior Administrative Officer
- ☐ Sharon Green-Secretary/Receptionist
- ☐ Doreen Carpenter-Recreation Coordinator
- ☐ Floyd Lennie – Foreman
- ☐ _____

As per attached information do the
Water licence Renewal for our
Licence # N7L3-1531.

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WATER LICENCE RENEWAL N7L3-1531

Part 3

1531-1 Raw Water Supply

1531-2 Sewage Lagoon

1531-3 Solid Waste Disposal

Latitude 72° 58' N Longitude 125° 14' W

The source of the communities freshwater is commonly referred to as the Water Lake, just west of the airport, (also referred to as DOT (Dept. Of Transportation) or MOT Lake (Ministry of Transport)).

The Water Lake has the only permanent building on it, the dimensions are 13 m x 4.05 m 566.59 sq. ft. A Pre-Fab Building on Skid – Truck Fill Station with Steel Structure with insulation and Galvanized Metal Roof Cladding. The interior is divided into two main areas a water process room and a generator room. Mounted externally on one corner of the building is a steel-framed truck-fill arm sized to accommodate the discharge of treated water into the water trucks tank. The cost of the building was\$ 1,171,000.00 and has been designed to service the population to 2025.

The water supply elevation is 246 feet from sea level and is approximately 0.15 mile from the main service road outside the community. The service road terminates at the solid waste site approximately 1.5 mile away. The surrounding area is a dry naturally drained area.

The solid waste site is burned once a week, items allowable to burn are card board boxes and domestic bagged garbage. The separation of metals, combustible wastes, furnaces, barrels, and fridges are stored and segregated in there appropriate areas.

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The Sewage Lagoon is approximately 0.19 mile from the service road and is situated between the Water Lake and Solid Waste Disposal Site; it is approximately ¼ mile from the Water Lake. The elevation of the Sewage Lagoon is 204 feet from sea level, making it lower from the Water Lake by 42 feet. The solid waste site has a life- expectancy of 20 years.

1531-2 Sewage Lagoon

The Sewage Lagoon has a life- expectancy of 20 years, the sewage chute ground foundation has been filled with gravel to give more support to the sewage chute. Plans are under way to build a new sewage chute. The Hamlet is in the process is hiring an engineer to plan and assist with the project.

1531.3 Solid Waste Disposal

Solid waste disposal facility had a 20 year life span, currently the Hamlet has plans to build a new cell for the collection of domestic garbage. They are in the process of hiring an engineer to plan and assist with the project. The domestic garbage and hazardous waste are segregated, fenced and stored in designated areas. The Hamlet burns domestic material ie: bagged garbage and card board materials. The Hamlet currently does not collect hazardous waste ie: oil, waste oil, batteries etc. The fencing around the solid waste site facility helps debris from blowing around the area, it is all contained around the fencing when it's windy.

The Public Works & Services Department has taken on and cleaned up the contaminated soil in and around the POL Tank Farm and the Beachfront Area. A final inspection was conducted by the PW & S and the surplus soil from the clean up has been turned over to the Hamlet of Sachs Harbour to utilize for road upgrading around the Solid Waste Site.

The Hamlet of Sachs conducts regular testing on the Water Lake, Sewage Disposal Site and Solid Waste Site. Sampling and Analysis Requirements are conducted as per the water licence requirements.