

Project Dashboard

3BM-COR1521 Municipal Water Licence Renewal (149589)

Proposal Status: Conformity Determination Issued

Project Overview

Type of application: **Amendment**

Proponent name:	Elan Chalmers
Company:	Government of Nunavut

Schedule:

Start Date:	2021-04-24
End Date:	2031-04-23
Operation Type:	Annual

Project Description:

This application is being submitted for the renewal of water licence 3BM-COR1521. All previous information submitted for this water licence remains the same however a Type A water licence will reflect that the community relies on a raw water reservoir that must be resupplied annually at a water pumping rate that exceeds the Type B licence limit of 300 cubic meters per day for 24 days during open water, to ensure there is sufficient water throughout the year. The previous Type B licence was based on consumption of daily treated water which is below 300 cubic meters per day. There are no changes to water operations in Coral Harbour but the withdrawal rate from Post River will be considered for the new licence rather than the treated water consumption rate. The water treatment plant included under the previous renewal/amendment was commissioned in 2016. The municipal water supply is drawn from Post River and consists of a movable water intake, overland pipeline, reservoir and water treatment plant. Sewage is deposited in a permeable lagoon from which effluent passively flows into a wetland treatment area. The solid waste site is a fenced and bermed area that accepts municipal, bulky metal and hazardous waste.

Summary of Modifications:

The Project Description has been modified to describe the reason that the licence application will be changed to a Type A licence from a Type B licence. The Water Use has been changed from daily rate of treated water consumption by Coral Harbour to daily rate of withdrawal from Post River during the 24 day raw water reservoir resupply.

Personnel:

Persons:	2
Days:	365

Project Map

List of all project geometries:

ID	Geometry	Location Name
7929	point	Coral Harbour

Planning Regions:

Kitikmeot

Affected Areas and Land Types

Municipal

Settlement Area

Keewatin Planning Region

Southampton and Coats Island

Project Land Use and Authorizations

Project Land Use

Other

Licensing AgenciesNWB: [Type B Licence](#)**Other Licensing Requirements**

No data found.

Material Use**Equipment**

Type	Quantity	Size	Use
Pump	N/A	N/A	Pumps used to draw raw water from source into water reservoir for storage until moving to the treatment plant for chlorination/disinfection, then moved into discharge arm for filling of the water trucks.

Fuel Use

Type	Container(s)	Capacity	UOM	Use
Diesel	1	0	Liters	Fuel used to heat the water treatment plant. *Container capacity unknown*

Hazardous Material and Chemical Use

Type	Container(s)	Capacity	UOM	Use
Chlorine	1	0	Liters	Chlorine used for disinfection of RAW water at the water treatment plant. *Container capacity unknown

Water Consumption

Daily Amount (m ³)	Retrieval Method	Retrieval Location
1800	Pump for 24 days	Post River

Waste and Impacts

Environmental Impacts

Release of raw sewage and greywater into a sewage lagoon for settling, and release of effluent into a wetland for treatment before discharge into the Hudson Bay. Combustible, hazardous, and non-combustible waste leaching into the environment if bermed areas or fencing fails to uphold.

Waste Management

Waste Type	Quantity Generated	Treatment Method	Disposal Method
No data found.			