



Délina Got'ine Government

Our People. Our Future. Our Délina.

PO Box 156

Délina, NT X0E 0G0

Tel: (867) 589-5575 | Fax: (867) 589-4208

March 9, 2018

Sahtu Land and Water Board
P.O. Box 1
Fort Good Hope, NT X0E 0H0

Re: S12L3-006 Licence Renewal

On behalf of the Délina Got'ine Government (DGG) I am pleased to submit our application for the renewal of Water License S12L3-006 for municipal operations in Délina. Application documents are appended for review. The intent of this letter is to provide a summary of our plans for operation of the community's water supply, sewage and solid waste facilities for the next five years or term of the Water License, commencing May 5, 2018.

Délina Got'ine Government Organization

The DGG began operations on September 1, 2016, replacing a number of organizations, including the Charter Community of Délina which is the current license holder. Compliance with the municipal Water License falls under the responsibility of the Department of Local Services of the DGG. Primary administrative positions in the DGG which are responsible for license compliance are identified below.

Director of Local Services – responsible for the provision of services to the community (e.g., water and sanitation, recreation, fire protection, etc.) and ultimately responsible for compliance with the Water License.

Local Services Foreman – supervisor of water supply and waste services, community facilities.

Water Treatment Plant Operator – responsible for water treatment plant operation and Water License SNP sampling.

Water delivery, Solid Waste and Sewage truck drivers.

Facility Operation under the License

Water Treatment Plant – Modifications or upgrades to the facility are not planned during the term of the licence, regular maintenance will be undertaken.

Sewage Treatment Facilities – The new continuous discharge lagoon was commissioned in 2016, no modifications or upgrades are planned during the term of the license.

Solid Waste Facilities

Current Situation

Current solid waste facilities include the new Solid Waste Facility (SWF) adjacent to the new sewage lagoon, and the temporary SWF located near the former municipal landfill.



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The design for a new Solid Waste Facility (SWF) was completed and previously approved by the SLWB. The access road and storage pad have been constructed to date; however, the full facility as designed has not been constructed. Bulky and metal wastes and appliances are currently stored on the pad at the new SWF.

Domestic and hazardous wastes are currently deposited at the temporary SWF located near the former landfill.

Future Plans

The DGG will be undertaking several new waste management initiatives in 2018, including:

- Preparation of a Solid Waste Management Plan to guide waste management in the community over a 25-year planning horizon;
- Construction of the second phase of the new SWF, specifically construction of the domestic waste cells as proposed in the 2008 design; and
- Closing the domestic waste cell at the temporary SWF and depositing domestic waste at the new SWF.

During 2019, waste management initiatives of the DGG will include:

- Completion of construction of the new SWF to accommodate all wastes;
- Transfer of the hazardous wastes at the temporary SWF to the new SWF and/or out of the community for disposal; and
- Implementation of the Solid Waste Management Plan
- Closure and Reclamation of the old sewage lagoon and temporary SWF

An updated Solid Waste Operations and Management (O&M) Plan, including the Hazardous Wastes Management Plan for operations at the temporary SWF is included with the application. These plans will guide operations and will be updated following completion of the Solid Waste Management Plan.

Surveillance Network Program (SNP)

The current license identifies seven SNP stations and the sampling and analysis requirements for each station. While some of these stations may continue to be applicable, the DGG is working with the GNWT Department of Environment and Natural Resources (ENR) Water Resources Officer to review these stations and confirm the location of SNP stations in consideration of the ongoing use of the temporary SWF, future move of operations to the new SWF and the operation of the sewage lagoon as a continuous discharge facility. A temporary set of SNP stations is proposed in the attached map; however, it is expected that a revised set of SNP stations will be recommended by the DGG and ENR to the SLWB in Spring 2018 for their review and approval. The DGG is also committed to installing the appropriate signage at each approved SNP Station during 2018.

During site visits to confirm the SNP locations, the ENR Water Resources Officer will be providing training to the Water Treatment Plant Operator and other Local Services Department staff on sampling procedures and sample preservation and transportation.

Closure and Reclamation



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The Department of Municipal and Community Affairs (MACA) has confirmed that the Department is committed to completing the reclamation of the old sewage lagoon and temporary SWF and has set aside funds for this purpose. Closure and reclamation of these facilities will follow "Landfill and Sewage Lagoon Closure Plan, Délina, Northwest Territories" dated September 2014 and subsequent comments provided by the SLWB. The DGG proposes that once domestic waste disposal is transferred to the new SWF in 2018, MACA will be informed and requested to proceed with closure and reclamation of both facilities in 2019. This will require MACA to update the Closure and Reclamation Plan for approval by the SLWB and contracting a party to complete the closure and reclamation.

Closure

I trust the SLWB will find our application to be complete and will proceed with the license renewal process. Should you have any questions or require further information please do not hesitate to contact the undersigned or Nick Lawson at Stantec Consulting Limited (867-920-2882).

Sincerely,

Gordon Mackeinzo
Director of Local Services

Attachment: Application for Renewal of Water License
 Municipal Water License Questionnaire Application
 Operations and Maintenance Plan for Solid Waste Facility
 Operations and Maintenance Plan for Sewage Lagoon
 Facilities Location Map
 Surveillance Network Program Location Map
 Sketch of the temporary SWF
 Updated Spill Contingency Plan
 Letter of Support from the Délina Renewable Resource Council

c. Nick Lawson, Stantec Consulting Limited