



Sahtu Land and Water Board Staff Information Report

Division: Waters Program	Report No. 2
Date Prepared: November 16, 2020	File: S18L3-003
Meeting Date: November 19, 2020	
Subject: Public review completed 2019 Annual Water Licence Report	

1. Purpose/Report Summary

The purpose of this Report is to present to the Sahtu Land and Water Board for information on the public review completed **2019 Annual Report for the Municipal Licence (S18L3-003) of the Town of Norman Wells.**

Although formal Board approval is not required under the Licence, the Board must be satisfied that the Licensee has met the requirements of the Licence.

2. Background

In general, Annual Reports for water licences (also permits) are expected to be submitted by March 31, every year, reporting about the project activities of the previous calendar year. The Town of Norman Wells (Licensee) is expected to submit Annual Reports by March 31, every year, as per the Licence (S18L3-003) Part B, Condition 21 and Schedule 1, Condition 1.

The annual water licence report of S18L3-003 was reviewed as given in the timetable below.

2.1 Public Review Timeline for the Annual Report

Licence	Report Received Date	Report Distributed (ORS)	Distribution List	Review Comments Due Date	Proponent Response Due Date	Public Review Outcome
S18L3-003	Jul 30_20	Aug 12_20	Tulita Dist. (SLWB)	Sep 10_20	Sep 17_20	Comments Received from ECCC and GNWT-ENR

(Recorded in Review Comment Table: Attachment 3).

3. Discussion

3.1 Overview - S18L3-003– Municipal Water Licence of the Town of Norman Wells

The Licence S18L3-003 entitles the Town of Norman Wells (Licensee) to use Water to dispose of Waste for the purpose of a municipal undertaking at the Town of Norman Wells, Northwest Territories.

Activities under the licence:

1. **Direct water use** - water withdrawal from the Mackenzie River, treatment, storage and distribution for community use.
2. **Sewage disposal** - disposal of sewage generated by the community in the Sewage Lagoon at Seepage Lake.
3. **Solid waste disposal** - disposal of solid waste generated by the community at the Solid Waste Disposal Facility.

3.2 Summary and Review of 2019 Annual Water Licence Report (S18L3-003)

The licensee submitted the 2019 Annual Water Licence Report with four appendices including a) Spill Report, b) SNP Site Map, c) Lab (Taiga Lab) reports and d) Biosolids Management Study. The 2019 Annual Water Licence Report (Attachment 1) was prepared using the Annual Water Licence Report Template (updated by SLWB Staff last year). The report meets the reporting requirements.

The Biosolids Management Study was previously requested by the Board (November 19, 2018; [WL issuance letter](#)). The study recommends utilizing Geotube technology for dewatering and natural freeze/thaw drying of sludge removed from sewage lagoon. The study notes that the dried solids (final dewatered product) can be used either as landfill cover and or marginal land reclamation.

3.3 Summary of Public Review of 2018 Annual Report (S18L3-003)

The Annual Report was distributed for public review received comments (Ref: Section 2.1) from Environment and Climate Change Canada (ECCC) and GNWT- Department of Environment and Natural Resources (GNWT-ENR). ECCC submitted four comments, which are clarifications and requests for additional information on the Biosolids Management Study. GNWT-ENR had no comments for the licensee; two comments were directed to SLWB. One comment was for modifying the SNP requirements in the water licence (changing the frequency of sampling). The second comment was about revising the Annual Water Licence Template, which was an inappropriate comment The Annual Report Template has no issues (Attachment 3).

4. Conclusion and Recommendation

It was found that the Licensee has met the requirements for the Annual Reports of the Licence S18L3-003.

Board staff recommend the Board to issue a Letter of Direction to the Licensee (Draft Letter of Direction attached – Attachment 3).

5. Attachments

- 5.1 2019 Annual Water Licence Report (**S18L3-003**) ([Hyperlink](#) only);
- 5.2 Appendices
 - 5.2.1 Spill Report ([hyperlink](#) only)
 - 5.2.2 SNP Site Map ([hyperlink](#) only)
 - 5.2.3 Lab (Taiga Lab) reports ([hyperlink](#) only)
 - 5.2.4 Biosolids Management Study ([hyperlink](#) only)
- 5.3 Review Comment Table and Attached Letters - 2019 Annual Report (**S18L3-003**)
- 5.4 Draft Letter of Direction.

Respectfully submitted,



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Executive Director Comments:



Paul Dixon
Executive Director