

## Bijaya Adhikari

**From:** Kristen Range <kristen.range@hemmera.com>  
**Sent:** February 25, 2020 9:59 AM  
**To:** Bijaya Adhikari  
**Cc:** Lloyd Gruben; Mardy Semmler; Freda Wilson; John Yeulet; Kimberly Milligan  
**Subject:** Re: N3L8-1844 NWTel Asset Removal - WL Issuance Package

Hello Bijaya,

My name is Kristen Range and I'm working on behalf of Northwestel to provide permitting support for the removal of the assets at the Taglu Site. We received and reviewed the Water License (#N3L8-1884) for this project. The water license has been shared with successful contractor, E. Gruben Transport, and they have reviewed and understand the terms of the license to ensure that they are met. I've compiled a table below with the key requirements which require follow-up/response that are listed in the license, and have provided some comments/follow up information in response.

Requirements		Comments
Part B-1	<p>Prepare an Annual report no later than November 30, 2020</p> <ul style="list-style-type: none"><li>- The monthly and annual quantities in cubic meters of fresh water obtained during project</li><li>- The monthly and annual quantities in cubic meters of sewage waste disposed of at associated disposal locations during project</li><li>- The monthly and annual quantities and types of non-hazardous waste removed from the Project and associated disposal locations</li><li>- The quantities and types of hazardous and non-hazardous waste temporarily stored on site as well as disposal plans for each type of waste</li><li>- A description of the reclamation and closure activities completed</li><li>- The results of all monitoring programs undertaken (e.g. vegetation, soil sampling, etc.) and remediation plan including site specific photographs</li><li>- A list and description including location and volumes of all unauthorized discharges and summaries of all associated remediation activities and follow-up actions taken</li><li>- A summary of modifications and/or major maintenance work, related to the Project, that has been initiated and/completed; and,</li><li>- A description of any updates and/or revisions to Spill Contingency Plan</li></ul>	<p>E. Gruben Transport to collect required data over the duration of the project, prepare annual report and submit no later than November 30, 2020.</p>
Part B-9	<p>Upon completion of Project activities, the Licensee shall submit to the Board the bounding coordinates or geospatial data for the Project footprint as initially planned and as completed.</p>	<p>Hemmera will provide this information to the Board once the project has been completed.</p>

Part B-10	In a form acceptable to the Board, the Licensee shall submit two (2) copies of all reports, plans, maps and drawings in printed format accompanied by two (2) electronic copies (CDs or USBs).	Hemmera and E. Gruben Transport will provide this information to the Board once the project has been completed.
Part D-16	Licensee shall register as a generator of hazardous waste in the NWT and track the disposal of hazard waste from the site activities to registered receivers on hazardous waste movement documents.	NWTel waste generator number: NTG030 Contractor to fill out and compile waste movement documents
Part D-17	The Licensee shall sample the tower and assets for lead contaminants before dismantling begins, or before depositing as a waste at an approved solid waste disposal facility, or before depositing at an approved facility capable of receiving toxic waste that cannot be accepted in a community landfill.	Tower paint has been sampled and does contain lead. All lead-based tower materials will be transported to an approved facility outside of the Northwest Territories.
Part D-18	The Licensee shall notify the Board and the inspector, in writing, prior to the shipping of any hazardous wastes.	Hemmera/NWTel/Contractor to complete prior to shipping of any hazardous wastes.
Part D-19	The Licensee shall submit, at least five days before initiating any activities at the Site, a copy of each agreement, or letters between the Licensee and third parties where the third party has agreed to store, transport or dispose of each waste (i.e. sewage, food and packaging, hazardous and non-hazardous, etc.) including: a) type and quantities of waste; and, b) disposal location(s) and proof of acceptance from third parties	E. Gruben Transport compiling letters. Hemmera to provide to IWB once received.
Part E-5	The Licensee shall submit to the Board at least five days prior to the beginning of the project activities; names, addresses, functions of the contractors and sub-contractors; and number of field crew.	<ul style="list-style-type: none"> <li>• E. Gruben's Transport Ltd., Box 177 Tuktoyaktuk, NT, XOE1C0. - General Contractor for all project work.</li> <li>• Kure Engineering Solutions Inc., 36124 Rge. Rd. 22, Red Deer County, Alberta T4G 0J8 - Subcontractor – Environmental Consultant/Onsite Environmental Inspector.</li> <li>• Elias Services, 355 Oceanview Rd. Tuktoyaktuk, NT, XOE1C0. – Subcontractor - Wildlife Monitor.</li> <li>• Northwind Enterprises Ltd., 146 Navy Rd, Inuvik, NT, XOE0T0. Subcontractor - ice road equipment.</li> </ul> <p>Total number of field crew will vary over the duration of the project but will range from 5-8</p>
Part H-2	The Licensee shall collect and analyze soil samples at the site for contaminants of potential concern during the summer following completion of asset removal activities and compared with applicable guidelines.	E. Gruben Transport and sub contractors to complete this summer.

Part H-3	The Licensee shall submit soil sampling and monitoring report with the Annual Report as specified in Part B, Item 1.	E. Gruben to prepare and submit as part of their annual report.
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As mentioned in the table, I will provide the letters from the approved parties once we receive them. We will notify the board prior to shipping any hazardous materials. I believe this summarizes all of the required information that we must provide over the duration of the project. If there are any requirements that I may have missed, please let me know. If you have any questions or comments, please feel free to contact me and I'd be happy to discuss.

Regards,

Kristen

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**Kristen Range, B.Sc., P.Ge.**  
 Project Manager



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