

Environment and Natural Resources  
Government of the Northwest Territories  
PO Box 2749  
Inuvik NT X0E 0T0

Telephone: (867) 678-6698  
Fax: (867) 678-6698

September 25, 2015

Hamlet of Tuktoyaktuk  
P.O. Box 120  
Tuktoyaktuk, NT X0E 1C0

**Attn: Davy Krengnektak, Municipal Works Manager**

**RE: September 2015 DECANT OF SEWAGE DISPOSAL AND SOLID WASTE  
DISPOSAL FACILITIES  
HAMLET OF TUKTOYAKTUK**

Dear Mr. Krengnektak,

As per your email request dated September 25, 2015, it is understood that the Hamlet of Tuktoyaktuk wishes to decant their Sewage Disposal Facility (the 'sewage lagoon') and Solid Waste Disposal Facility (the 'solid waste site'). The purpose of this decant is to lower water levels in the sewage lagoon and solid waste site to achieve and maintain the required freeboard limits as defined in Water Licence N7L3-0714. It is understood that this decant must occur as there is concern that the structural integrity of the sewage lagoon and solid waste site may be at risk and could lead to an eventual uncontrolled discharge.

Further, the sewage lagoon and solid waste site were sampled on September 16, 2015, to provide for a decant. When the results came back from the lab, the analysis was all within Water Licence discharge criteria.

Due to those factors affecting the excess sewage water being discharged and the concern about the structural integrity of the sewage lagoon and solid waste site, it was decided to allow the decant to maintain the required freeboard limits and ultimately prevent uncontrolled discharges. **The Hamlet of Tuktoyaktuk is authorized to discharge based on the following conditions:**

1. The Hamlet is to provide a detailed log of pump run time including pump rate and total daily discharge in cubic meters (m<sup>3</sup>). Any discharge of water from the solid waste site shall not exceed a discharge rate of 350 m<sup>3</sup> per hour, as required by Part D, Item 13 of the Water Licence;
2. The Hamlet is not to discharge water from the solid waste site at the same time as the discharge of sewage effluent from the sewage lagoon as required in Part D, Item 12 of the Water Licence;
3. The Hamlet is to discharge from the sewage lagoon as long as needed to achieve the freeboard limit of 1.0 metre as required in Part D, Item 6 of the Water Licence;
4. The Hamlet is to discharge from the solid waste site as long as needed to achieve the freeboard limit of 0.5 metre as required in Part D, Item 20 of the Water Licence;

5. Discharge as slowly as possible and in a regulated manner. This will allow for high dilution as sewage water slowly moves through the system. Furthermore, do not fully open the sewage decant control structure during the discharge;
6. The Hamlet must adhere to all other applicable conditions in the Water Licence.

If you have any questions or concerns regarding the enclosed, and/or if additional information is required please contact me at (867) 678-6676.

Sincerely,



Philippe Thibert-Leduc  
Water Resource Officer  
Inuvik Region

Cc: Stephen Charlie, Superintendent, Inuvik Region, ENR: by email [stephen\\_charlie@gov.nt.ca](mailto:stephen_charlie@gov.nt.ca)  
Inuvialuit Water Board: by email [semmlerm@nwtwb.com](mailto:semmlerm@nwtwb.com); [adhikarib@nwtwb.com](mailto:adhikarib@nwtwb.com).

**Liz**

---

**From:** Tuk Foreman <tukforeman@northwestel.net>  
**Sent:** Tuesday, October 06, 2015 3:18 PM  
**To:** 'Mardy Semmler'; 'Philippe Thibert-Leduc'  
**Cc:** 'Stephen Charlie'; 'Bijaya Adhikari'; 'Terry Testart'; 'Liz Castaneda'; 'Freda Wilson'  
**Subject:** RE: N7L3-0714 - Hamlet of Tuktoyaktuk Municipal Water Licence  
**Attachments:** 150847 - 1516 - FINAL REPORT.pdf; Letter to Philippe Thibert-Leduc.pdf

Good Afternoon Mardy,

Attached is the request letter for the Solid Waste Site emergency Decant/ Regular Sewage Lagoon Decant and Final Reports from Taiga Environmental Laboratory. We completed the sewage lagoon decant on Oct. 01/15 and we were scheduled to send samples out on Monday Oct. 05/15 but I was sick that day. We will be sending the samples out for the sewage lagoon tomorrow morning. As soon as we receive the samples back from Taiga Labs I will Cc you. Sorry I didn't include IWB in all correspondence in regards to decanting, as we only dealt with AANDC in the past.

If you need any more information let me know.

Regards,

Davy Krengnektak  
Municipal Works Manager  
Inc. Hamlet of Tuktoyaktuk  
PH: 867 977 2479  
FAX: 867 977 2110  
CELL: 867 678 0396  
E-mail: tukforeman@northwestel.net

-----Original Message-----

From: Mardy Semmler [mailto:semmlerm@nwtwb.com]  
Sent: Friday, October 02, 2015 11:14 AM  
To: 'Philippe Thibert-Leduc'; 'Tuk Foreman'  
Cc: 'Stephen Charlie'; 'Bijaya Adhikari'; 'Terry Testart'; 'Liz Castaneda'; 'Freda Wilson'  
Subject: N7L3-0714 - Hamlet of Tuktoyaktuk Municipal Water Licence

Good Morning Davy

The email string below indicates that you have received reports from Taiga Environmental Laboratory with regard to sample results completed at the Tuk Sewage Lagoon and Tuk Solid Waste site.

Please be advised that the IWB requires this information for the public registry. Could you please forward this information to the IWB. Also, please note all correspondence with regard to Inspector approvals, etc ie: decant requests, must be copied to the IWB to be placed on file.

If you have any questions with regard to this email, please contact me at 867-678-8609.

Thank you

Mardy

Mardy Semmler  
Executive Director  
Inuvialuit Water Board  
Ph: 867-678-8609  
Fax: 867-678-2943

-----Original Message-----

From: Philippe Thibert-Leduc [mailto:Philippe\_Thibert-Leduc@gov.nt.ca]  
Sent: September-25-15 11:22 AM  
To: Tuk Foreman  
Cc: Stephen Charlie; Mardy Semmler; 'Bijaya Adhikari'  
Subject: RE: Emailing: 150847 - 1516 - FINAL REPORT, 150847 - 1516 - FINAL REPORT

Good morning Davy,

Please find attached ENR's response to your request. Let me know if you have any questions.

Regards,

Philippe Thibert-Leduc  
Tel: (867) 678-6676  
Cell: (867) 678-0623

-----Original Message-----

From: Tuk Foreman [mailto:tukforeman@northwestel.net]  
Sent: September-25-15 10:06 AM  
To: Philippe Thibert-Leduc  
Subject: FW: Emailing: 150847 - 1516 - FINAL REPORT, 150847 - 1516 - FINAL REPORT

Hi Philippe,

Final report from Taiga Environmental Laboratory for Sewage Lagoon and Solid Waste Site. Let me know ASAP if we can start decanting, as the temperature is starting to drop here in Tuk.

Regards,

Davy Krengnektak  
Municipal Works Manager  
Inc. Hamlet of Tuktoyaktuk  
PH: 867 977 2479  
FAX: 867 977 2110  
CELL: 867 678 0396  
E-mail: tukforeman@northwestel.net

-----Original Message-----

From: Judy Mah [mailto:Judy\_Mah@gov.nt.ca] On Behalf Of taiga  
Sent: Friday, September 25, 2015 9:43 AM  
To: Davy Krengnektak  
Subject: FW: Emailing: 150847 - 1516 - FINAL REPORT, 150847 - 1516 - FINAL REPORT

-----Original Message-----

From: taiga  
Sent: Thursday, September 24, 2015 4:22 PM  
To: tuksao@netkaster.ca  
Subject: Emailing: 150847 - 1516 - FINAL REPORT, 150847 - 1516 - FINAL REPORT

Sandy,

Please see attached for final report 150847.

Have a good day.

Glen Hudy  
Taiga Environmental Laboratory  
Environment and Natural Resources  
Government of the Northwest Territories  
Main Line: 867-765-6645 | Fax: 867-920-8740 taiga@gov.nt.ca

Your message is ready to be sent with the following file or link attachments:

150847 - 1516 - FINAL REPORT  
150847 - 1516 - FINAL REPORT

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.