

Tue 04/03/2014 6:46 PM

Dear Ms. Phyllis,

Please find above attached file of Annual Report 2013 for Taloyoak Water Licence 3BM-TAL0813.

Copies of test results are included herewith the report (Appendices) for reference and information.

GN-CGS is submitting this report on behalf of the Hamlet of Taloyoak. Any information relevant can be updated with the Board upon request.

Regards,

*Shah Alam, M.Eng. P. Eng.
Municipal Planning Engineer,
Government of Nunavut
Community and Government Services
Kitikmeot Region,
Cambridge Bay, Nu
Phone: 867-983-4156, fax: 86
salam@gov.nu.ca*

Tue 19/11/2013 3:58 PM

Hello Robin,

Thank you for updating information about Taloyoak Water Licence Renewal status. Also, please find the attached file of Sewage Lagoon (pictures) containing lagoon cells of discharge location, retention process, outfall & remediation and sampling points for parameters tests. These information might be helpful to the renewal review and sewage waste facility inclusion to the amendment licence.

Regards,

*Shah Alam, P. Eng.
Municipal Planning Engineer,
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From: Robin Ikkutisluk [<mailto:robin.ikkutisluk@nwb-oen.ca>]

Sent: November 19, 2013 3:40 PM

To: Hamlet of Taloyoak

Cc: Alam, Shah

Subject: 131119 3BM-TAL0813 Sewage Disposal Comment Request - Hamlet of Taloyoak - Kitikmeot Region

Hello,

Attached is a Letter requesting comments regarding the Hamlet of Taloyoak's waste disposal. Please note that the deadline is on **January 06, 2014**.

Regards,

Robin Ikkutisluk

Tue 19/11/2013 1:47 PM

Hi Erik,

Thank you for email and updating information. As submitted those Plans and Compliance schedules, the Hamlet is working on it and some of them are already in effect.

- Solid waste segregation and isolation by types and securement are in the plan which will be in full implementation by early summer 2014
- Sewage lagoon is now in holding raw sewage and within capacity of containment, no discharge out to wetland until summer melting.
- Raw sewage discharge area at primary cell is maintaining winter clean up as required.
- Facility signage will be in place by summer 2014, Monitoring station signage are already in place
- O&M manuals for sewage lagoon and solid waste sites are in plan of the Hamlet
- Water Treatment plant, intake pump house and intake system are all working excellent- no issues on intake and water distribution. Source water supply is adequate to requirement. Truck fill supply working smoothly as designed.
- Sample results of water and waste effluent shown parameters within MAC limits. No evidence of E. Coli or Bacteria in water.
- Some plan to improve sewage lagoon containment including enhance retention time and improvement in wetland provided funding availability in next fiscal years.

Any information will be updated upon request.

Best Regards,

Shah Alam, P. Eng.
Municipal Planning Engineer,
Government of Nunavut
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Phone: 867-983-4156, fax: 867-983-4124
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From: Erik Skiby [<mailto:erik.skiby@nwb-oen.ca>]

Sent: November 18, 2013 12:02 PM

To: Alam, Shah

Cc: Phyllis Beaulieu (licensing@nunavutwaterboard.org); Westwell, Bill; Ruediger, Ralph; hamoftal@qiniq.com

Subject: Re: Compliance Plan - Water Licence 3BM-TAL o813, Hamlet of Taloyoak, NU

Hi Shaw,

Thank you for the following information you have provided me since my initial Preliminary technical review (PTR).

- Environmental Monitoring program - sample collection training Program
- QA/QC plan for the hamlet of Taloyoak
- results of sewage and solid waste samples
- updated plan of compliance

A letter will go out shortly asking parties to comment on the inclusion and consideration for licensing of the un-engineered wetland area. any concerns identified or any additional information requirements of the parties will be provided to you to be addressed and provided as additional information, along with any outstanding items.

If you have questions or concerns please don't hesitate to contact me,

Erik

RE: OA/QC, Training and sample Results for Taloyoak Water licence (3BM-TAL0813)
Renewal Application

Sent: Wed 11/09/2013 3:59 PM
To: Erik Skiby

Hi Erik,

Good afternoon. I do remember those outstanding items as integral to Water Licensing Renewal for Taloyoak. I am working on a “**Comprehensive Compliance Plan interim**” as suggested. Details O & M manual preparation will take some time (within 90 days of application submission date, **July 30, 2013**) since the lagoon wasn't an Engineered one and no manual was in place except some study. Similarly, for the Solid Waste facility. But, both these facilities have been operating well as of community need. Due to failing documentation, criteria fulfillment and annual reporting, these two facilities (Sewage lagoon and Solid waste) slid out from current water Licence. CGS with hamlet is working in healing those gaps in compliance with requirements as outlined in the licence and AANDC inspection notes.

As our follow up of some outstanding, we are forwarding those three files covering information for Water, sewage and Solid Waste facilities:

- (i) Operator Training, monitoring and facility management
- (ii) QA/QC plan and
- (iii) Up to date results of sewage and solid waste samples

Note that the updated Compliance Plan and Executive summary will be submitted to the Board sometime within this month (Sep 2013).

I hope these information will be valuable in considering the renewal process. Should you require additional information please do not hesitate to contact me or Hamlet of Taloyoak.

Regards,

Shah Alam, P. Eng.
Municipal Planning Engineer,
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Kitikmeot Region,
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From: Erik Skiby [<mailto:eskiby@nunavutwaterboard.org>]
Sent: September 6, 2013 11:27 AM
To: Alam, Shah
Cc: Martha Porter; 'Megan Porter'; Phyllis Beaulieu; Robin Ikkutisluk
Subject: Renewal Application - Technical Deficiencies

Hi Shah,

A Preliminary technical review was conducted on the information provided with the application for 3BM-TAL0813 License.

First, there is the inspector's direction on June 28, 2012 from Aboriginal Affairs and Northern Development which needs to be addressed and there is a requirement for a complete and detailed Compliance Plan for 3BM-TAL0813 License.

In terms of the Nunavut Water Board (Board or NWB) application process, and in addition to the information requested by the administrative review. The following clarification or additional information is required before the application is considered complete and continues with the renewal process

Sewage and Solid Waste

The current license 3BM-TAL0813 only covers water with the requirement to provide information activities related to sewage collection, treatment, containment and disposal. An Amendment was required in order to permit these activities and include the waste disposal activities within the scope of the license. Information should be provided with respect to the waste disposal activities. Such as the description and engineered drawings of sewage waste and solid waste disposal facilities, effluent discharge points and monitoring information should be included with this application.

In your application you had asked for the NWB to give consideration to regulating the detention sewage lagoon, un-engineered wetland area as part of the sewage and solid waste treatment facilities. Some basic information was provided, but further detailed information on the effectiveness will need to be provided so it can be considered as a mean of sewage waste treatment. As well as, there are conditions and requirement of the license that need to be fulfilled for both the sewage and Solid waste facilities, such as:

Part F, Item 1 the Licensee shall submit to the Board for approval, within ninety (90) days of issuance of the Licence, an Operations and Maintenance Manual prepared where appropriate, in accordance with the "*Guidelines for the Preparation of an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories; 1996*". The Manual shall contain a Spill Contingency Plan.

This also relates to Part B, Item 10 the Licensee shall submit to the Board for approval, within ninety (90) days of Licence issuance or upon the filing of any application in relation to the Licence within that time, a Plan for Compliance that clearly demonstrates the measures the Licensee will undertake, including an implementation schedule, to achieve full compliance with

the conditions of this Licence, including the approval of the waste water and solid waste disposal facilities. The Plan also needs to take into consideration Part E, Item 3, and Part G, item 1.

In Reviewing of the plan of compliance submitted to the NWB on November 2, 2012. It was found that there were commitments that have passed. If the information is available, please provide or update the plan of compliance accordingly. Please refer to items B-2, B-5, B-8, E-3, F-1, G-1, and Item H-1.

The above mentioned information is required for the application to be considered complete and continue with the renewal process. If unable to provide, then in the interim, a Plan for Compliance must be submitted that clearly demonstrates the measures the Licensee will undertake, including an updated implementation schedule, to achieve full compliance with the conditions of this Licence.

If you have any further questions please don't hesitate to contact me at your earliest convenience by e-mail at eskiby@nunavutwaterboard.org or by phone at 867 360 6338.

Regards,
Erik

From: Robin Ikkutisluk [<mailto:robin.ikkutisluk@nunavutwaterboard.org>]

Sent: Thursday, August 22, 2013 2:26 PM

To: salam@gov.nu.ca

Cc: Martha Porter; Megan Porter; Phyllis Beaulieu; Robin Ikkutisluk

Subject: 130822 3BM-TAL0813 Renewal Application - Administration Deficiencies

Hello Shah,

Please submit the following documents in order to further process the renewal application for the Hamlet of Taloyoak.

- Signed Application Form
- Executive Summary in English and Inuktitut

Regards,