

#### Robin Ikkutisluk <robin.ikkutisluk@nwb-oen.ca>

### Fwd: REP-0409 Clarification

1 message

**Phyllis Beaulieu** <phyllis.beaulieu@nwb-oen.ca>
To: Robin Ikkutisluk <robin.ikkutisluk@nwb-oen.ca>

Wed, Nov 12, 2014 at 1:38 PM

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# Phyllis Beaulieu- & C' > C >

Manager of Licensing- Responsable des Permis ⊲レーロー ことでした。 Maniyauyuq Laisaliginiqmun

## NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT ዾዹ>ና ΔL ር ሊትና ቴበLት Ƴ - NUNAVUT IMALIRIYIN KATIMAYINGI

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----- Forwarded message ------

Date: Wed, Nov 12, 2014 at 9:05 AM Subject: REP-0409 Clarification

To: "Lusty, Megan" < MLusty@gov.nu.ca>

Cc: Phyllis Beaulieu <phyllis.beaulieu@nwb-oen.ca>

Hi Megan,

Everything for the renewal/amendment application for licence REP-0409 appears to be in good order. Before moving forward with issuing the new licence, however, I would appreciate clarification on a few items:

- 1. In regards to licence item C4. The intake pipe shall be equipped with a screen mesh which conforms to DFO guidelines. The ANNDC Report 2011 listed the intake screen as "Unacceptable", with no further clarification. Also, the licencee has not commented on this issue in any annual report. It is suggested that the licencee verify that this screen is in good working order.
- 2. In regards to licence items D11 and D12, the Board does not have any O&M plan for the landfarm facility on record nor any sampling results of effluent discharged. Was an O&M plan for the landfarm submitted? Also, pursuant to item H12, it is not clear whether the licencee installed the groundwater monitoring wells associated with the landfarm facility.
- 3. The 2004 Annual report indicated that old solid waste site was abandoned and remediation efforts would occur. What is the status of this remediation?
- 4. The 2013 Annual Report stated that a study on water quality survey on existing water source and also proposed secondary water source to be done by William Engineering Itd in 2014. What is the status of this report?

- 5. A letter from Shah Alam (August 1, 2014) states that an updated compliance report and a study plan for the sewage lagoon would be submitted by August 25, 2014. The Board has no record of these plans having been received. Also, the same communication indicates that the Board would receive an updated O&M manual. What is the status of this report? If not yet completed, the licencee is reminded that this will be required in advance of the new lagoon being commissioned.
- 6. Are the design drawings for the new water pumphouse submitted December 17, 2013 the final designs? If so, they should all be stamped by a QP. If construction has already occurred, these stamped drawings can be included in the construction summary report.
- 7. The Updated Amendment Application submitted by Shah Alam March 25, 2014, provided design plans for the sewage lagoon that were specifically labelled as preliminary. Final drawings and plans will be required in the Construction Summary Report.
- 8. The Design Brief for the New Lagoon Facility (February 14, 2012) indicates that the purpose of the sewage lagoon is to provide pretreatment before the wetlands. However, the Final Wetlands Report (March 25, 2014) suggested that the wetlands will not be able to adequately treat sewage effluent in the long-term. If this is the case, the discharge criteria should be applied after the lagoon, not the wetland. If the wetlands are still considered part of the treatment process, the licencee should provide the adaptive measures they plan to employ to improve the wetland's digestive capacity.

Please contact me with any questions or concerns you may have.

### Regards,



# Brady MacCarl, MSc->S△∩ Lbbsc

Technical Advisor- Conseiller Technique へっくゅっゃってん かんぱん Piluagnagtuliginigmun Ikayugti

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