



NWB Tools

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

Fwd: 3BM-CAM0914 Application

1 message

Sean Joseph <sean.joseph@nwb-oen.ca>

Tue, Mar 11, 2014 at 2:03 PM

To: Robin Ikkutisluk <robin.ikkutisluk@nwb-oen.ca>, Megan Porter <megan.porter@nwb-oen.ca>

fyi

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From: **Alam, Shah** <SAlam@gov.nu.ca>

Date: Wed, Mar 5, 2014 at 10:51 AM

Subject: RE: 3BM-CAM0914 Application

To: Sean Joseph <sean.joseph@nwb-oen.ca>

Cc: "Phyllis Beaulieu (phyllis.beaulieu@nwb-oen.ca)" <phyllis.beaulieu@nwb-oen.ca>,
"sking@cambridgebay.ca" <sking@cambridgebay.ca>

Hi Sean,

Thank you for your feedback and information sharing for the Licence Amendment Process as well as O&M Manuals.

Sludge Management Plan: We have requested the consultant for their answer regarding the Sludge Management Plan. If, it will be provided by the consultant, we'll submit it as a supplement to the O&M Manual that already submitted. Otherwise, we'll provide a **Sludge Management Plan** as soon as possible (before June 30, 2014). As shown in highlighted words, **de-sludge operation in every 8-12 years** as suggested in the Manual.

Land Farm: We have already requested the Board to include the facility for storage of spills and contaminated soil before carrying any secondary remediation if requires. There is no separate Soil Remediation Land Farm for Cambridge Bay. Any remediated soil or materials can be used as a cover materials for MSW where further remediation will be carried naturally on cover materials and decanting to sewage lagoon. Monitoring samples normally ensure that remediation as required in accordance with Environmental Guideline Schedule1 (Standards for Process Effluent Discharged to Municipal Sewage Systems). Final remediation also carries in wetland with the help of BOD, sunlight and vegetation.

I have copied those items from O&M manuals for your reference. We request the Board to proceed with reviewing process and approving the Amendment Licence. Any outstanding item(s) will be submitted upon request at any time.

(Ref. O&M Manual of Solid Waste and MSW)

5.7 Land Farm

Water Licence **3BM-CAM0914 does not allow for the operation of a land-farm**. An amendment application to operate a landfarm has been made to the NWB to operate a landfarm for treatment of hydrocarbon impacted soils and treatable materials inside the liner cells.

If the Hamlet receives permission for a land-farm, it may be possible to use treated material from the land-farm as cover material for the landfill. This would be entirely dependent on the License conditions and stipulations for the land-farm.

(Ref. O&M Manual for sewage lagoon)

5.7 Sludge Drying Pad

A 50 x 50 m pad has been provided south of the primary lagoon for drying the sludge from the primary lagoon. De-sludging operations are typically completed every **eight to 12 years**.

Prior to the removal of sludge, the **Hamlet is required to submit** as defined in Part F, Condition 1(c) for NWB approval **a 'Sewage Sludge Management Plan'** that clearly outlines the chemical composition of the sludge and how to treat the sludge.

Regards,

Shah Alam, P. Eng.

Municipal Planning Engineer,

Government of Nunavut

Community and Government Services

Kitikmeot Region,

Cambridge Bay, Nu

Phone: 867-983-4156, fax: 867-983-4124

salam@gov.nu.ca<<mailto:salam@gov.nu.ca>>

From: Sean Joseph [mailto:sean.joseph@nwb-oen.ca]

Sent: March 3, 2014 4:32 PM

To: Alam, Shah

Cc: Phyllis Beaulieu; Megan Porter

Subject: 3BM-CAM0914 Application

Hi Shah,

Could you please provide confirmation with respect to the following, at your earliest convenience:

Whether or not the scope of the water licence application includes the operation of a landfarm. Section 5.7, Page 11, of the *Municipal Solid Waste Disposal Facility Operation and Maintenance Manual* indicates that an amendment application has been submitted to operate the landfarm.

The date on which the Sludge Management Plan (Plan), required under Part F, Item 1(c) in the licence and as part of the *Municipal Solid Waste Disposal Facility Operation and Maintenance Manual*, will be submitted. The 3013 Annual Report indicates that the Plan will be submitted in the future.

Regards,

Sean