

## **Dey, Asit (CWS)**

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**From:** Dey, Asit (CWS)  
**Sent:** October-19-15 11:58 AM  
**To:** 'dana.bredin@wspgroup.com'  
**Cc:** 'traine@rmofmacdonald.com'  
**Subject:** Re: Additional Information Request\_1921.10\_RM of Macdonald\_Community of Sanford Wastewater Stabilization Pond Expansion  
**Attachments:** 2015-05-15 Sanford WDG.PDF

Dear Mr. Dana Bredin:

The preliminary review of the above proposal has been completed. No public comments were received.

Please submit the following additional information:

### **Manitoba Conservation and Water Stewardship- Environmental Compliance and Enforcement**

It is acknowledged within the Environment Act Proposal that a petroleum-impacted soil treatment facility was located on the land at which the expanded lagoon cell will be constructed. Plans are to remove existing petroleum-impacted soils and use as fill or cover at the adjacent Sanford waste disposal ground.

A request for approval to dispose of this soil at the Sanford waste disposal ground was made by Stantec on behalf of the Rural Municipality of Macdonald on April 10, 2015. It was accompanied by a Stantec report entitled Soil Sampling Program at the Sanford Soil Treatment Facility, Rural Municipality of Macdonald, Manitoba which indicated that the petroleum content of some soils exceeded Manitoba's Criteria for Acceptance at a Waste Disposal Ground. Therefore, the Department issued the attached May 15, 2015 letter stating that further soil treatment would be required. The proponent is requested to provide further information and/or rationale that would justify use of the subject soil at the waste disposal ground.

Manitoba Conservation and Water Stewardship concurs that stripping 600 mm of soil within the former soil treatment cell area will likely ensure that petroleum-impacted soils have been removed prior to construction of the new lagoon cell. The Department requests that a site decommissioning report including confirmatory soil sampling be submitted for approval in accordance with section 7.0 of Manitoba's Treatment and Disposal of Petroleum Contaminated Soil guideline.

### **Manitoba Conservation and Water Stewardship – Approvals Branch**

- It was mentioned in the Environment Act Proposal (EAP) that the existing lagoon does not receive outside truck hauled wastewater and septage. During a recent site inspection of this wastewater treatment facility by our Environment Officer, it appeared that there is an existing truck dump access ramp in a state of compromised structural integrity. Therefore, please update your engineering drawing(s) with the existing truck haul location, submit to us a decommissioning plan of the truck dump access ramp, and submit to us an engineering report on the structural integrity of the liner where the truck dump access ramp is currently located. In addition, please update your engineering drawing(s) with the liner information on the existing Primary Cell No 1 and Secondary Cell No. 1.
- According to the EAP, the scope of the project includes converting the existing primary cell to secondary cell. As the Community of Sanford wastewater treatment facility was commissioned around 35 years ago, it is our understanding that there is significant amount of sludge in the existing primary cell. Please submit to us a sludge management plan.

- Please submit to us a decommissioning plan for the existing discharge pipe and gate valve located on the south dyke of the existing Secondary Cell No. 1. Please update your engineering drawing(s) accordingly.
- Please update your engineering drawing(s) with splash pad details.
- Please comment on whether you are considering using thrust block(s) to support installations of proposed gate valves.
- Please comment on the construction method that will be used for installation of intercell pipes. Please update your engineering drawing(s) accordingly.

**Please find below several comments from the Technical Advisory Committee provided for your information only; responses are not required.**

**Manitoba Conservation and Water Stewardship -Water Control Works and Drainage Licensing Section**

Any water control works (drains, culverts, dykes, dams, etc.) associated with this project will require licensing under the Water Rights Act – an application is attached for the proponent’s convenience. Any inquiries in this regard may be directed to the local Water Resource Officer. Their contact information may be found at:

[http://www.gov.mb.ca/conservation/waterstewardship/licensing/pdf/officer\\_areas\\_of\\_focus\\_30mar2015.pdf](http://www.gov.mb.ca/conservation/waterstewardship/licensing/pdf/officer_areas_of_focus_30mar2015.pdf)

**Manitoba Conservation and Water Stewardship – Approvals Branch**

Treated soil to be used as cover at the waste disposal ground must meet industrial guidelines. Please follow the web link below. \_

[http://www.gov.mb.ca/conservation/envprograms/contams/pdf/guidelines/criteria\\_acceptance\\_contaminated\\_soil\\_licensed\\_grounds\\_e.pdf](http://www.gov.mb.ca/conservation/envprograms/contams/pdf/guidelines/criteria_acceptance_contaminated_soil_licensed_grounds_e.pdf)

We will finalize the review of your Environment Act Proposal following receipt of the required information, if deemed satisfactory.

If you require any clarification or if you need any additional information, please feel free to contact me.

Thanks,

Regards,

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