

## Dey, Asit (CC)

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**From:** Dey, Asit (SD)  
**Sent:** October 3, 2018 9:49 AM  
**To:** Daniel Burns; Ryan Johnston  
**Cc:** 'dsawatsky@sawatskygroup.com'; Kristy.Forrestall@gov.mb.ca; Crocker, Peter (SD); Beshada, Eshetu (SD); Boswick, Robert (SD)  
**Subject:** 2018-10-03\_responses to sept 26-2018 letter\_Meadowbrook Village (Campbell's Mobile Home Park)\_file1909.10

Hello Daniel,

Good morning. This email is in follow up to our telephone conversation on October 2, 2018. By a letter dated September 26, 2018, the Department was informed that Burns Maendel Consulting Engineers Ltd. is investigating alternatives to the previous submission of the Environment Act Proposal (EAP) for expansion of the existing facultative wastewater treatment lagoon at Meadowbrook Village.

In your September 26, 2018 letter, it was proposed to utilize the existing lagoon as a flow equalization basin as well as for removal of solids prior to directing the wastewater to a proposed mechanical wastewater treatment plant. It was also proposed that following treatment, the treated effluent would be continuously discharged into the Glen Lea Golf Course's reservoir where the final treated effluent would be stored and utilized for golf course irrigation purposes.

Based on the preliminary review of the information presented, it is requested that you consider the following:

- Your previous EAP was for construction of a 3-cell wastewater treatment lagoon. The September 26, 2018 letter indicates that you are considering construction of a mechanical wastewater treatment plant. As the scope of the proposal changes from an intermittently discharging facility to a continuously discharging facility, the proposed alteration will be considered a major alteration. You would also be required to submit a request to withdraw the previous EAP application.
- Please note that biosolids and residuals generated from any wastewater treatment facility should be given due consideration for beneficial use purposes. Your major alteration request should clearly address how biosolids and residuals generated from the proposed facility will be used for beneficial use purposes. An example of beneficial use is land application of biosolids.
- It is required that discharge of treated wastewater from a wastewater treatment facility should not cause or contribute flooding in or along the effluent discharge route. As the golf course irrigation requirements are weather dependent and as the golf course reservoirs have limited capacity, the treated effluent should follow a defined discharge route that is connected to a specified surface water course.
- Regarding information on effluent quality requirements of a continuously discharging facility, you are encouraged to review the effluent discharge requirements of the Town of Neepawa's Environment Act Licence No. 3270 (Clauses 31 to 35). Please follow the web link below:  
<http://www.gov.mb.ca/sd/eal/registries/51.3neepawa/licence3270.pdf>
- Regarding monitoring, please also review Clauses 44 to 47 of EAL 3270.
- Please also note that the use of the treated wastewater for golf course irrigation purposes may require the effluent quality to meet more stringent water quality parameters.
- Please also note that the alternative proposed project will require a higher class certified operator than that for a facultative wastewater treatment lagoon.

Should you require any more information, please feel free to contact me.

Thanks,

Regards,

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