

Webb, Bruce (SD)

From: Oswald Wohlgemut <owohlgemut@jrcc.ca>
Sent: June-04-19 3:57 PM
To: Sagan, Barsha (SD)
Cc: jdyck@jrcc.ca; 'Gisele Turenne'
Subject: RE: Inquiries regarding to Notice of Minor Alteration submitted for the Wild Oak campground (client file no 5904.00)

Follow Up Flag: Follow up
Due By: June-24-19 4:00 PM
Flag Status: Flagged

Hello Barsha,

The following are responses to your enquiries regarding the Notice of Alteration:

1. Estimated Daily Wastewater Flow (Hydraulic Loading)

- Please provide the estimated peak daily wastewater flow for this campground.

The estimated peak daily wastewater flow for the campground is currently 19,737 L/day (17,667 L/day from campsites + 1,500 L/day from residence + 570 L/day from laundromat). If an additional 40 campsites are added it would increase to 25,777 L/day (19,737 L/day + 6,040 L/day).

- Please clarify the discrepancy between the estimated daily wastewater flow given in the proposal and that calculated based on the various wastewater sources identified in the proposal.

Updated estimated wastewater flows have been provided in the Notice of Alteration and are described above. Grey water is now included in the wastewater flows and the per capita wastewater flows were increased in the NOA, due to updated septic hauling data.

- Are the potential future 40 campsites intended to be serviced by the new holding tanks? Is this source of wastewater included in the peak daily wastewater flow calculations and sizing of the holding tanks? Yes, a new holding tank will be utilized in handling the wastewater from the potential expansion area. This additional loading (6,040 L/day) was included in the peak daily wastewater flows.

2. Holding Tank Design and Certification Standards

- Please clarify whether there is a high groundwater table on this site. Please confirm whether there is a potential for the tanks to be impacted by high groundwater level.

The subsurface soils observed were highly permeable sand and gravel materials, and the driller well log reports indicated groundwater depths of 4.3 m to 9.1 m below the surface. The standing water in the nearby swimming areas was approximately 1.5 m to 2.0 m below the elevation of the surface near the tank installations. As described in the NOA, the tanks will be weighed down with concrete anchors to prevent "floating" from potential groundwater impacts.

- Please provide information on the estimated pump out frequency for each holding tank based on working volume capacity, not on total volume.

The tank connected to the 44 newer campsites on the east side will likely have capacity for 2 – 3 days of wastewater loading during peak days. The other tanks should have capacity for 3 – 7 days of wastewater loading during peak days.

- Please note that in accordance with Section 12(1)(c) in the Onsite Wastewater Management Systems regulation, holding tanks must be certified in accordance with CSA Standard B66 – *Design, material, and manufacturing requirements for prefabricated septic tanks and sewage holding tanks*. It is also recommended that the holding tanks to be equipped with audible/visual alarms for safety concerns.

The new holding tanks will be CSA certified. The campground owner will make note of the recommendation for high level alarms on the tanks.

3. Daily Flow Monitoring

- Environmental Approvals Branch recommends Wild Oak Campground to install a water meter or other suitable device to monitor daily water usage so accurate daily wastewater flow data can be obtained.

The campground owner will make note of the recommendation for a water meter at the site.

4. Requirement for Registered Sewage Hauler

- Please note that the holding tanks must be pumped out by a registered sewage hauler as required in Section 21 of the Onsite Wastewater Management Systems regulation.

The holding tanks are currently pumped out by a registered sewage hauler and this practice will continue in the future.

Regards,

Oswald Wohlgemut, M.Sc.
Environmental Scientist

J.R. Cousin Consultants Ltd.
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From: Sagan, Barsha (SD) [mailto:Barsha.Sagan@gov.mb.ca]

Sent: Wednesday, May 29, 2019 12:59 PM

To: Oswald Wohlgemut

Cc: jdyck@jrcc.ca

Subject: Inquiries regarding to Notice of Minor Alteration submitted for the Wild Oak campground (client file no 5904.00)

Good afternoon,

Environment Approvals Branch has some inquiries regarding the Notice of Minor Alteration submitted for the Wild Oak campground (client file no 5904.00) which are as follows:

1. Estimated Daily Wastewater Flow (Hydraulic Loading)

- Please provide the estimated peak daily wastewater flow for this campground.
- Please clarify the discrepancy between the estimated daily wastewater flow given in the proposal and that calculated based on the various wastewater sources identified in the proposal.
- Are the potential future 40 campsites intended to be serviced by the new holding tanks? Is this source of wastewater included in the peak daily wastewater flow calculations and sizing of the holding tanks?

2. Holding Tank Design and Certification Standards

- Please clarify whether there is a high groundwater table on this site. Please confirm whether there is a potential for the tanks to be impacted by high groundwater level.
- Please provide information on the estimated pump out frequency for each holding tank based on working volume capacity, not on total volume.
- Please note that in accordance with Section 12(1)(c) in the Onsite Wastewater Management Systems regulation, holding tanks must be certified in accordance with CSA Standard B66 – *Design, material, and manufacturing requirements for prefabricated septic tanks and sewage holding tanks*. It is also recommended that the holding tanks to be equipped with audible/visual alarms for safety concerns.

3. Daily Flow Monitoring

- Environmental Approvals Branch recommends Wild Oak Campground to install a water meter or other suitable device to monitor daily water usage so accurate daily wastewater flow data can be obtained.

4. Requirement for Registered Sewage Hauler

- Please note that the holding tanks must be pumped out by a registered sewage hauler as required in Section 21 of the Onsite Wastewater Management Systems regulation.

Thank you.
Regards,

Barsha Sagan, M.A.Sc., P.Eng.

Environmental Engineer | Municipal and Industrial Section | Environment Approvals Branch | Manitoba Sustainable Development |
1007 Century Street, Winnipeg MB R3H 0W4 | Landline: 204-945-5234 | Cell Phone: 204-795-7175 | Fax: 204-945-5229 |
Email: barsha.sagan@gov.mb.ca

From: Oswald Wohlgemut <owohlgemut@jrcc.ca>

Sent: December-07-18 4:10 PM

To: Sagan, Barsha (SD) <Barsha.Sagan@gov.mb.ca>

Cc: jdyck@jrcc.ca

Subject: RE: Information regarding the procedure to fill out the Minor Alteration Form for Wild Oak Campground EAP

Hello Barsha,

We have attached the Notice of Alteration for the Wild Oaks Campground EAP. We will be forwarding hardcopies to your office shortly. Please review and let us know if you have any comments.

Regards,

Oswald Wohlgemut, M.Sc.
Environmental Scientist

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From: Sagan, Barsha (SD) [<mailto:Barsha.Sagan@gov.mb.ca>]

Sent: Thursday, July 19, 2018 12:10 PM

To: owohlgemut@jrcc.ca

Cc: Webb, Bruce (SD)

Subject: Information regarding the procedure to fill out the Minor Alteration Form for Wild Oak Campground EAP

Hello Oswald,

I apologize for the late response. For the proposed alteration (holding tank) to the proposal, please fill out the attached form as minor Notice of Alteration (NofA) to the proposal and no fee is required for the particular NofA. Please consider reviewing the guideline document to know what information is required.

http://www.gov.mb.ca/sd/eal/publs/noa_form_environmentact_edited_jan2017_v11_secured.pdf

http://www.gov.mb.ca/sd/eal/publs/Alteration_Guidelines_2017_10.pdf

Thank you.

Barsha Sagan, M.A.Sc., P.Eng.

Environmental Engineer | Municipal and Industrial Section | Environment Approvals Branch | Manitoba Sustainable Development |
1007 Century Street, Winnipeg MB R3H 0W4 | Phone: 204-945-5234 | Fax: 204-945-5229 | Email: barsha.sagan@gov.mb.ca

From: Oswald Wohlgemut <owohlgemut@jrcc.ca>

Sent: June-25-18 1:16 PM

To: Sagan, Barsha (SD) <Barsha.Sagan@gov.mb.ca>

Subject: RE: Wild Oak Campground EAP TAC comment round 2

Hello Barsha,

In discussion with the campground owner, they have decided that they would rather proceed with a holding tank system in place of the existing wastewater treatment system. We had originally proposed an alternative wastewater treatment system in the EAP and were in the review process with TAC. How should we proceed with presenting these alterations to the proposal?

Regards,

Oswald Wohlgemut, M.Sc.
Environmental Scientist

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From: Sagan, Barsha (SD) [<mailto:Barsha.Sagan@gov.mb.ca>]

Sent: Friday, December 29, 2017 2:46 PM

To: Oswald Wohlgemut

Cc: gturenne@mymts.net; 'Jerry Cousin'

Subject: RE: Wild Oak Campground EAP TAC comment round 2

Please find the attached TAC comments of the Wild Oak Campground EAP in response to the letter sent on December 14, 2017 via email.

Thank you.

Barsha Sagan, M.A.Sc., P.Eng. | Environmental Engineer | Municipal and Industrial Section | Environment Approvals Branch |
Manitoba Sustainable Development | Regular Mail - 160-123 Main Street (BOX 80), Winnipeg MB R3C 1A5 | Couriers - 2nd Floor 123
Main Street, Winnipeg MB R3C 1A5 | Phone: 204.945.5234 | Email: barsha.sagan@gov.mb.ca

From: Oswald Wohlgemut [<mailto:owohlgemut@jrcc.ca>]
Sent: December-14-17 11:40 AM
To: Sagan, Barsha (SD) <Barsha.Sagan@gov.mb.ca>
Cc: gturrenne@mymts.net; 'Jerry Cousin' <jcousin@jrcc.ca>
Subject: RE: Wild Oak Campground EAP TAC comment summary

Hello Barsha,

We have attached responses to comments from the TAC review of the Wild Oak Campground EAP. Please review and let us know if you have any additional comments. In addition, would you be able to send us a copy of the draft licence for review when it is ready.

Regards,

Oswald Wohlgemut, M.Sc.
Environmental Scientist

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From: Sagan, Barsha (SD) [<mailto:Barsha.Sagan@gov.mb.ca>]
Sent: Friday, November 17, 2017 11:10 AM
To: 'gturrenne@mymts.net'; 'jcousin@jrcc.ca'
Cc: Oswald Wohlgemut
Subject: RE: Wild Oak Campground EAP TAC comment summary

Please review and address the concerns of the TAC members.

Thank you.

Barsha Sagan, M.A.Sc.; P.Eng. | Environmental Engineer | Municipal and Industrial Section | Environment Approvals Branch | Manitoba Sustainable Development | Regular Mail - 160-123 Main Street (BOX 80), Winnipeg MB R3C 1A5 | Couriers - 2nd Floor 123 Main Street, Winnipeg MB R3C 1A5 | Phone: 204.945.5234 | Email: barsha.sagan@gov.mb.ca

