

December 7, 2018

600678 Wild Oaks Campground\678.02\01\184\Ltr - NDA to MBSD.docx

Ms. Siobhan Burland Ross, M.Eng., P.Eng.  
Acting Director of Environmental Approvals  
Manitoba Sustainable Development  
1007 Century Street  
Winnipeg, Manitoba  
R3H 0W4

via courier

W-678.02

Dear Ms. Braun,

**Re: Wild Oaks Campground –Wastewater Holding System – Notice of Alteration**

The Wild Oaks Campground is requesting approval from Manitoba Sustainable Development for the alteration of the Environment Act Proposal submitted for the wastewater treatment system. The alteration includes the installation of a holding tank system to replace existing peat filtration system.

As per the requirements of the Notice of Alteration, enclosed are:

1. Notice of Alteration Form
2. Two (2) bound hard copies of Notice of Alteration report
3. One (1) electronic copy (CD) of the Notice of Alteration report.

The results of this notice conclude that there will be no significant impacts to the environment as a result of the proposed alteration. The proponent would like to obtain approval for the proposed alteration as soon as possible so they can move forward with the construction works. From discussions with Barsha Sagan at Manitoba Sustainable Development, the application fee for this NDA would not apply, based on the nature of the proposed alteration.

If there are any questions or comments, please contact the undersigned.

Yours truly,

**JR Cousin Consultants Ltd.**

A handwritten signature in black ink, appearing to read 'Oswald', is written over a horizontal line.

Oswald Wohlgemut, M.Sc.  
Environmental Scientist

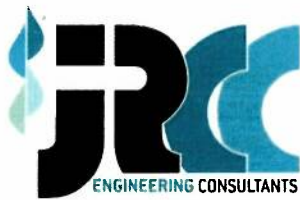
enc. Two (2) bound copies and one (1) electronic copy (CD), NDA form



# Notice of Alteration Form



Client File No. :	Environment Act Licence No. :
Legal name of the Licencee: Wild Oaks Campground	
Name of the development: Wild Oaks Campground Wastewater Holding Tank System	
Category and Type of development per Classes of Development Regulation: Waste Treatment and Storage      Onsite wastewater systems >10,000 l/day	
Licencee Contact Person: Raymond and Gisele Turenne Mailing address of the Licencee: Box 17, RR1 City: Richer      Province: Manitoba      Postal Code: R0E 1S0 Phone Number: (204) 422-6175      Fax: (204) 422-6175      Email: gturenne@mymts.net	
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Jeff Dyck, P.Eng. - JR Cousin Consultants Ltd.	
Phone: (204) 489-0474 Fax: (204) 489-0487	Mailing address: 91A Scurfield Blvd., Winnipeg, MB R3Y 1G4
Email address: jdyck@jrcc.ca	
Short Description of Alteration (max 90 characters): Change existing and proposed wastewater treatment systems to a holding tank system.	
Alteration fee attached: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	
If No, please explain: Not Required	
Date: 2018-12-07	Signature:  Printed name: Jeff Dyck
<div style="display: flex; justify-content: space-between;"> <div> <p>A complete Notice of Alteration (NoA) consists of the following components:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Cover letter</li> <li><input type="checkbox"/> Notice of Alteration Form</li> <li><input type="checkbox"/> 2 hard copies and 1 electronic copy of the NoA detailed report (see "Information Bulletin - Alteration to Developments with Environment Act Licences")</li> <li><input type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance)</li> </ul> </div> <div> <p><b>Submit the complete NoA to:</b></p> <p>Director Environmental Approvals Branch Manitoba Sustainable Development 1007 Century Street Winnipeg, Manitoba R3H 0W4</p> <p><b>For more information:</b></p> <p>Phone: (204) 945-8321 Fax: (204) 945-5229 <a href="http://www.gov.mb.ca/sd/ea/">http://www.gov.mb.ca/sd/ea/</a></p> </div> </div>	
<p><b>Note: Per Section 14(3) of the Environment Act, Major Notices of Alteration must be filed through submission of an Environment Act Proposal Form (see "Information Bulletin - Environment Act Proposal Report Guidelines")</b></p>	



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Ms. Siobhan Burland Ross, M.Eng., P. Eng.  
Manitoba Sustainable Development  
Environmental Approvals Branch  
123 Main Street, Second Floor  
Winnipeg, Manitoba  
R3C 1A5

**W-678.02**

**P&R 8.334 JRCC**

**via email**

Dear Ms. Burland Ross,

**RE: Wild Oaks Campground Wastewater Holding System – Notice of Alteration**

The Wild Oaks Campground is requesting approval from Manitoba Sustainable Development for an alteration to the Environment Act Proposal submitted for the wastewater treatment system. This Notice of Alteration (NOA) report and attached form includes information on the proposed changes to the EAP, for replacing the existing wastewater peat filtration systems with holding tanks for wastewater hauling. Based on [Technical Advisory Committee] TAC review comments, the wastewater loading values have also been revised, along with the collection of grey water on the site. It is not expected that any of the alterations described will result in potentially negative impacts to environmental or human health.

**Holding Tank System**

The licensee would like to replace the existing wastewater peat filtration systems with three fiberglass holding tanks. The holding tanks will have a capacity of 15,900 L each. One holding tank will be located adjacent to the existing Peat Bed A, one holding tank will be located adjacent to Peat Bed B and one holding tank will be located adjacent to Peat Bed C (Plan 2 in Appendix C of the EAP). The tanks will be buried below grade with a lockable access hatch accessible from the surface for pump outs. The tanks will be held in place with buried concrete anchors strapped to the tank. The tanks will be inspected for leaks prior to commissioning and will be backfilled with gravel or sand bedding, as per supplier recommendations. The disturbed ground surrounding the tanks will be seeded with graded and seeded with grass. The tanks will be emptied in the fall, prior to freezing, and will not be utilized during the winter months, therefore freeze damage to tanks is not expected. The holding tanks will be emptied every two to three days by a licensed hauler, or as required, based on liquid levels in the tanks. The site manager will perform daily checks on the tanks to ensure the capacity is not exceeded.

**Hydraulic Loading**

As the campground does not have a water meter on the existing wells, wastewater hauling records for the 2017 camping season were reviewed, based on comments received from the TAC review. These recent hauling records during the peak camping season indicated that average per site hydraulic loading rate was 151 L/site/day, which is greater than the estimated hydraulic loading described in the EAP (100 L/site/day). Therefore, based on the 2017 average hydraulic loading value, the current estimated maximum daily hydraulic load from the campsites only [assuming maximum capacity of 117 sites], would be 17,667 L/day. Additional loadings include the owner residence (1,500 L/day), Laundromat (570 L/day) and potentially a future campground expansion of 40 sites (6,040 L/day).

JRCC.ca

The hydraulic loading from the 46 seasonal sites on the west side of the campground will continue to utilize the existing holding tanks that are in place. The remainder of the seasonal and transient sites in the campground will utilize the new tank installations. Therefore, the estimated daily hydraulic loading impacting the new holding tanks would be approximately 18,831 m<sup>3</sup>/day.

#### Grey Water

Currently the campground utilizes a grey water pit for disposal of Laundromat and shower wastewater. Based on comments from the TAC review of the EAP, the grey water will be diverted to the new holding tank system for disposal, after the tank system is commissioned. This will require plumbing these fixtures into the disposal line running to the new holding tanks.

#### Impacts and Mitigation Measures

Based on the proposed alterations, additional negative cumulative impacts are not expected. The positive impacts a reduced potential for wastewater contamination as wastewater will be contained and will not enter the ground. Typical mitigation measures during construction works should be adhered to by the construction contractor, such as utilizing sediment control measures in the drainage channels leading off of the site during construction, to limit siltation reaching surface waters.

Please provide approval to proceed with the upgrades.

If you have any questions, please contact the undersigned.

Yours truly,

**JR Cousin Consultants Ltd.**



Oswald Wohlgemut, M.Sc.  
Environmental Scientist

Reviewed by:



Jeff Dyck, P.Eng.  
Senior Municipal Engineer

attach: Plan 1: Revised Layout Plan

cc: Raymond and Gisele Turrene, via email





