

## **Webb, Bruce (CWS)**

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**Subject:** Parks and Protected Spaces Branch - Brereton Lake Water Treatment Plant      **File:**  
5773.00

The attached information can be posted to the public registries for the above project:

**Request for additional information:** Information on project cost and cost sharing that is outside of the scope of the environmental assessment and licensing process was requested on behalf of members of the public commenting on the proposal. Information supplied in response to this request was forwarded back to the people requesting it for their information. No additional information was requested to address technical or environmental matters.

### **Public Comments on the Proposal: (four pages)**

- Judy Cornell, June 18, 2015
- Doug Moberg, July 13, 2015
- Raquel Lincoln, July 13, 2015
- Laurie Scarfe, July 13, 2015

### **Technical Advisory Committee Comments on the Proposal: (eight pages)**

- Manitoba Conservation and Water Stewardship, Lands Branch, July 10, 2015
- Manitoba Conservation and Water Stewardship, Wildlife and Fisheries Branch, June 30, 2015
- Manitoba Conservation and Water Stewardship, Water Science and Management Branch, Water Quality Management Section, June 22, 2015
- Manitoba Conservation and Water Stewardship, Office of Drinking Water, July 9, 2015
- Manitoba Conservation and Water Stewardship, Water Control Works and Drainage Licensing Section, June 11, 2015
- Manitoba Infrastructure and Transportation, Highway Planning and Design Branch, Environmental Services Section, July 13, 2015
- Manitoba Agriculture, Food and Rural Development, Crops Branch, July 14, 2015

Bruce.

**Webb, Bruce (CWS)**

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**From:** [REDACTED]  
**Sent:** June-18-15 1:13 PM  
**To:** Webb, Bruce (CWS) BW  
**Subject:** Water Treatment Plant at Brereton Lake

Hi Bruce

I was pleased to see the notice in the paper regarding the Water treatment plant for the Camp Ground at Brereton Lake.

It is long long past due and it will be so good to finally have the campers NOT BATHING IN THE LAKE.

Brereton Lake's algae content is growing yearly; not just from the camp ground bathers but also from leakage from septic systems. The showers and the new lagoon for the Camp ground are a major first step to cleaning up the Lake.

Cost of course is of concern.

Can I ask the estimated /budget costs of the program?

How will the capital cost of the water system be shared by the camp ground and by the resort?

What percentage paid by the parks department and what percentage paid by Brereton Lake Resort?

What is the estimated cost to operate the water treatment system per year?

What percentage of that on going operating cost will be covered by the government and how much by Brereton Lake Resort?

I look forward to hearing back from you regarding the costs of this project and who will shoulder those costs.

Thank you  
Judy Cornell  
Inverness Falls Resort

**Webb, Bruce (CWS)**

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**From:** Doug Moberg [REDACTED]  
**Sent:** July-13-15 11:55 AM  
**To:** Webb, Bruce (CWS) BW  
**Subject:** Water Treatment proposal Brereton Lake

Hi Bruce,

It was a pleasure talking to you re this proposal. We all know that whatever is going on in the Whiteshell now that the cottagers and it's association are not being consulted. This is contrary to the Parks act and shows little or no TRANSPARENCY which is not only bothersome but worrisome.

When any proposal for work being done in the Whiteshell is on the table we think that the stakeholders, which includes cottagers, campers and commercial operators should be DIRECTLY NOTIFIED, not by a blurb in the local library and newspaper that can easily escape our notice.

As a member of the cottage association I would like to be notified, in good time, so we can advertise in in our paper "The Whiteshell Echo".

I'm tired of these games that the present government is playing with us.

So, my questions is: Who will be paying for this?

Thanks for your consideration,

Doug Moberg

## Webb, Bruce (CWS)

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From: [REDACTED]  
Sent: July-13-15 2:25 PM  
To: Webb, Bruce (CWS) BW  
Subject: Comments on Brereton Water Treatment Plant

I would like to take this opportunity to provide comments on the proposed Brereton Lake Water Treatment Plant for use by the Brereton Lake Campground as well as Brereton Lake Resort. If my comments and questions are not relevant to your area of expertise, please pass them on accordingly.

I applaud Manitoba Conservation's initiative to make water quality a priority in the Whiteshell.

However, I would like to request information as to the budget/expediture details for this project.

My understanding is that the 'Parks District' process of cost recovery is still in review/development so I would like to inquire as to how this project will be funded by the Manitoba Government and a commerical resort. As this type of project only benefits guests of Manitoba Conservation and that of Brereton Lake Resort, one would assume that project costs will be borne by those two parties only. Cottagers and remaining commercial operators cannot be expected to cover any portion of capital project construction costs nor ongoing operation and maintenance costs in future. I would also like to request information on how 'usage' will be monitored for each party so that there will be no doubt as to what quantity each user - public, private or commercial, is responsible to pay for.

As a commercial operator in the Whiteshell Provincial Park that does not have the advantage of access to publicly subsidized treated water or sewage disposal, I am very hopeful that the pending 'newly developed parks district system' will equalize the operating field for those that do not have opportunities for these services. I assume that with a new state-of-the-art facility, Manitoba Conservation will be able to calculate exact costs to operate this facility and therefore Parks' District fees will be a true reflection of such to the user, rather than a token nominal increased fee to any user, for the ability to 'tap in' to this necessary utility.

I look forward to your reply.

Raquel Lincoln  
[REDACTED]

## Webb, Bruce (CWS)

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From: Jessica Lake Lodge [relax@jessicalake.com]  
Sent: July-13-15 2:58 PM  
To: Webb, Bruce (CWS) BU  
Subject: Water Treatment Plant at Brereton Lake

Hello Bruce

I hope that I am not too late to make comments on the pending Water Treatment Plant at Brereton Lake.

My husband Bill and myself are owner/operator of Jessica Lake Lodge, just 10 KM further into the Park from Brereton Lake Resort.

The concerns that we have regarding the plant and the supply of drinking water for the Camp Ground and for Brereton Lake Resort are:

- The Cost. Who will be responsible for the cost of such a plant and getting the drinking water all the way to the camp ground and as we understand, also supplying the resort.  
The cottagers and the commercial people have the "park district fees" that we are responsible for and the cost for operating and maintaining the park is divided amongst us. If the cost of the project is going to be put back into the district fees, then we are completely against such a project. Before this project can come to be, these questions have to be answered. The Park District Fee structure has been in limbo for many years and not a true representation of what it costs to operate the park.
- What is the budget for maintaining this treatment plant and who will be covering the yearly costs of this???
- Secondly, at what cost is it to Brereton Lake Resort to receive drinking water delivered to their door. First they get Park sewer service and now drinking water. The expense of waste removal for us and maintaining our water system for our resort is well over \$20,000 a year for us. Therefore, if you are providing one resort with sewer and water, then I would also like to put in a request for the same.
- Thirdly, why was the decision made to use the existing well at South Beach Brereton and run all that distance to the campground. Would it not be more cost effective to drill a new well in the campground and save the miles and miles of expense getting the water to the campground and possible resort?

I look forward to your reply.

Thank you.

Laurie Scarfe



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**Webb, Bruce (CWS)**

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**Subject:** FW: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

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**From:** +WPG1212 - Conservation\_Circulars (CWS)

**Sent:** July-10-15 1:35 PM

**To:** Webb, Bruce (CWS)

**Subject:** Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

Hi Bruce,

Good afternoon.

Lands Branch – MCWS has no concerns/comments as regards Brereton Lake Water Treatment Plant - File: 5773.00.

Thank you for the opportunity to review

Kind regards

**Winifred Pias**

Lands Branch

Manitoba Conservation and Water Stewardship

200 Saulteaux Crescent, Box 25

Winnipeg, Manitoba R3J 3W3 CANADA

**Webb, Bruce (CWS)**

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**Subject:** FW: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

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**From:** Kiss, Brian (CWS)

**Sent:** June-30-15 2:09 PM

**To:** Webb, Bruce (CWS)

**Subject:** RE: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

No wildlife related concerns.

-Brian Kiss



**Webb, Bruce (CWS)**

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**Subject:** FW: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

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**From:** Jacobs, Kevin (CWS)  
**Sent:** June-22-15 11:47 AM *ZW*  
**To:** Webb, Bruce (CWS)  
**Cc:** Hay, David (CWS)  
**Subject:** RE: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

Hello Bruce,

Please find enclosed comments concerning EAP File number 5773.00 Brereton Lake Water Treatment Plant submitted on behalf of the Water Quality Management Section of Manitoba Conservation and Water Stewardship.

The proposal is to upgrade the drinking water treatment plant to a reverse osmosis system with reject water and backwash proposed to be directed towards Brereton Lake.

The proposal suggests the proposed discharge of concentrate from the Water Treatment plant will minimally affect the water quality in Brereton Lake. Brereton Lake is an important recreational water body in Whiteshell Provincial Park. The lake suffers from occasional nuisance algal blooms which can be dominated by species capable of producing liver and nerve toxins. Review of data collected as part of the provincial beach monitoring program shows that concentrations of the algal toxin Microcystin LR occasionally have exceeded the maximum acceptable concentration for drinking water of 1.5 micrograms per litre pursuant to the Manitoba Water Quality Standards, Objectives and Guidelines (2011). The proponent will need to ensure the proposed treatment plant is capable of removing potential algal toxins to acceptable concentrations, for this determination I would defer to Office of Drinking Water.

Concerning any backwash, the proponent will need to insure that if chlorinated water is used it is de-chlorinated prior to release in Brereton Lake.

Thank you for the opportunity to comment on this proposal.

*Kevin Jacobs, M.Sc.  
Senior Water Protection Officer  
Water Science and Management Branch  
Manitoba Conservation and Water Stewardship  
Suite 160- 123 Main Street (Box 20)  
Winnipeg, Manitoba  
R3C 1A5  
Phone: 204 945 4304  
Fax: 204 948 2357*



**Webb, Bruce (CWS)**

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**From:** Stibbard, James (CWS)  
**Sent:** July-09-15 12:00 PM  
**To:** Webb, Bruce (CWS) *BW*  
**Cc:** Barlishen, Kim (CWS); Belisle, Sarah (CWS)  
**Subject:** RE: 5773.00 Brereton Lake Water Treatment Plant EAP

Mr. Webb,

I reviewed the above noted EAP. This project will require a Permit to Construct or Alter a Public Water System, as called for in *The Drinking Water Safety Act*

We also note that information on file at DWO indicates Brereton Lake is susceptible to algae blooms and levels of microcystin above allowable limits for drinking water. These parameters can present significant challenges to treatment processes such as those proposed for this application. Details of how the proposed treatment process will reduce these parameters to at or below allowable levels as well as how the filtration stages, both particulate and reverse osmosis will deal with the fouling potential presented by large concentrations of algae in raw water, will have to be provided as part of the Application for Permit to Construct or Alter a Public Water System submission package. Apart from these points, Office of Drinking Water did not note any other cause for concern with the EAP or proposed project respecting drinking water quality or safety.

If you have any questions, please call.

Regards,

**James Stibbard P. Eng.**  
Approvals Engineer  
Office of Drinking Water  
1007 Century Street  
Winnipeg MB R3H 0W4  
phone: (204) 945-5949  
fax: (204) 945-1365  
email: [James.Stibbard@gov.mb.ca](mailto:James.Stibbard@gov.mb.ca)  
website: [www.manitoba.ca/drinkingwater](http://www.manitoba.ca/drinkingwater)

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**Webb, Bruce (CWS)**

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**From:** Roberts, Dan (CWS)  
**Sent:** June-11-15 9:59 AM  
**To:** Webb, Bruce (CWS) *BLW*  
**Subject:** Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

Hi Bruce,

Is this project being undertaken by our Department – Parks Branch? If, so, then I'm curious as to why we are licensing ourselves. I know in our Section, despite there being talk about this, we do not licence other government departments/branches, but we do, however, request that they undertake various forms of review based on the project. For example, we wouldn't licence a drain, but would ask that they work with our Water Resource Officer to ensure it meets acceptable construction standards. For more involved projects, such as a sub-division development being built by Lands Branch, we would ask them to hire an engineer and submit an engineered drainage plan. In this case all I could say is that for any water control works, contact our Officer and ensure the works meet our specifications. Thoughts? Let me know.

Thanks,

**Dan Roberts**

Water Resource Officer  
Water Control Works and Drainage Licensing Section  
Conservation and Water Stewardship  
Box 6000, Building #1180, 75 - 7th Avenue,  
Gimli, MB R0C 1B0  
Cell: (204) 641-1331



**Infrastructure and Transportation**

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Environmental Services Section  
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July 13, 2015

Tracey Braun, M. Sc. <sup>BW</sup>  
Director, Environmental Approvals Branch  
Manitoba Conservation and Water Stewardship  
123 Main St., Suite 160  
Winnipeg, MB R3C 1A5

RE: Parks and Protected Spaces Branch - Brereton Lake WTP  
Client File No. 5773.00

Dear Ms. Braun:

MIT has reviewed the proposal under the *Environment Act* noted above and we offer the following comments:

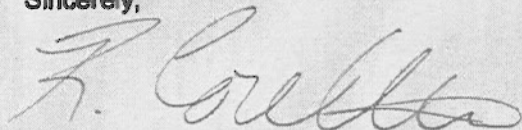
- Under *The Highways and Transportation Act* permits are required from MIT for:
  - any new, modified or relocated access to a Provincial Road or Access Road;
  - any structures (including advertising signs, wells, septic fields, etc.) on, under or above the ground within the 38.1 meter (125 ft) Controlled Area adjacent to Provincial Roads;
  - discharging of water or other liquid materials into a ditch of a Limited Access Highway, Provincial Road or Access Road; or
  - placing any trees or plantings within 15.2 metres (50 feet) of the edge of right-of-way of a Limited Access Highway, Provincial Road or Access Road.
- An underground utility agreement will be required for any pipelines that will go under any Provincial Road (PR) or Provincial Trunk Highway (PTH).
- The proposed water treatment plant is shown as being situated along the shoreline of Breton Lake, west of the Parks Office. The 100 year flood level of Brereton Lake is 317.00 metres (1040.0 feet) G.S. of C. Datum, but we do not have any topographic information of the shoreline lands of Brereton Lake with which to assess the hazard. Water Management recommends that all permanent structures are confined to lands in excess of the 100 year flood level, as determined by survey.

For details on permit applications and underground utility agreements, please contact Mr. Murray Chornoboy, Regional Planning Technologist, at (204) 346-6287 or via email at [Murray.Chornoboy@gov.mb.ca](mailto:Murray.Chornoboy@gov.mb.ca).

For concerns on flood levels and associated hazards in the vicinity of Brereton Lake, please contact Mr. Brad Allum, Development Review Officer, at (204) 945-2121 or at [Brad.Allum@gov.mb.ca](mailto:Brad.Allum@gov.mb.ca).

Thank you very much for providing us the opportunity to review the proposal.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. Coulter".

Ryan Coulter, M. Sc., P. Eng.  
Manager of Environmental Services

**Webb, Bruce (CWS)**

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**Subject:** FW: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

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**From:** Wilson, Brian (MAFRD)

**Sent:** July-14-15 12:54 PM

**To:** Webb, Bruce (CWS)

**Subject:** RE: Request for review/comment - Brereton Lake Water Treatment Plant - File: 5773.00

No concerns.

Brian Wilson

[Brian.Wilson@gov.mb.ca](mailto:Brian.Wilson@gov.mb.ca)

Soils Suitability Specialist

Crops Branch

Manitoba Agriculture, Food and Rural Development

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