



Conservation and Water Stewardship

Climate Change and Environmental Protection Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg Manitoba R3C 1A5
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/conservation/eal

File: 5650.00

August 6, 2013

Mr. Iain Pimlott, B.Sc., C. Tech
Senior Environmental Scientist
GENIVAR
10 Prairie Way
Winnipeg, MB R2J 3J8

Dear Mr. Pimlott:

Re: Cherry Hill Estate Recreational Vehicle Site Expansion – Onsite Wastewater Management System - Environment Act Proposal

The initial review of the Environment Act Proposal (EAP) regarding the Cherry Hill Estate Recreational Vehicle Site Expansion – Onsite Wastewater Management System has been completed.

The review has generated comments/requests for additional information. Please respond to the comments and requests from the Technical Advisory Committee (TAC) presented in the attached item being:

1. Memorandum from Water Science and Management Branch – Manitoba Conservation and Water Stewardship, dated July 10, 2013;
2. E-mail from Water Use Licensing Section, Manitoba Conservation and Water Stewardship, dated June 17, 2013;
3. E-mail from Manitoba Health, dated July 15, 2013;
4. E-mail from Office of Drinking Water, Manitoba Conservation and Water Stewardship, dated July 5, 2013;
5. E-mail from Environmental Compliance and Enforcement, Manitoba Conservation and Water Stewardship, dated July 10, 2013;
6. E-mail from Fisheries Science and Fish Culture Section, Fisheries Branch, Manitoba Conservation and Water Stewardship, dated July 12, 2013; and
7. E-mail from Lands Branch, Manitoba Conservation and Water Stewardship, dated July 12, 2013.

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Please address and respond to the comments and requests for additional information. The EAP review process will continue upon receipt of your response.

If you have any questions, please contact me at (204) 945-2614 or by e-mail at Rafiqul.Chowdhury@gov.mb.ca.

Yours truly,

“original signed by”

Rafiqul Chowdhury, M.Eng., P.Eng
Environmental Engineer

Attachment

- c. Donna Smiley, Provincial Manager, Environmental Compliance and Enforcement Branch
Public Registries



DATE: July 10, 2013

Memorandum

TO: Rafiqui Chowdry
Environmental Approvals Branch
160-123 Main Street, Winnipeg,
MB
R3C 1A5

FROM: Joy Kennedy
Water Quality Management Section
Water Science and Management Branch
160-123 Main Street, Winnipeg, MB
R3C 1A5

Cc: David Hay

TELEPHONE: 945-7908
FACSIMILE: 948-2357
EMAIL: joy.kennedy@gov.mb.ca

**SUBJECT: ENVIRONMENT ACT PROPOSAL FILE: 3718426 ONSITE
WASTEWATER MANAGEMENT SYSTEM**

- The *Nutrient Management Regulation (62/2008)* prohibits the location of sewage treatment plants or onsite wastewater management systems on Nutrient Management Zones N4. Section NE 05-07-07e contains a Nutrient Management Zones N4. Can the proponent please provide a map detailing the footprint of system and position of each system on the section?
- The Water Quality Management Section is concerned with any discharges that have the potential to impact the aquatic environment and/or restrict present and future uses of the water. Therefore it is recommended that the license require the proponent to actively participate in any future watershed based management study, plan/or nutrient reduction program, approved by the Director.

From: Matthews, Rob (CWS)
Sent: June-17-13 2:31 PM
To: Chowdhury, Rafiqul (CWS)
Subject: RE: Review & comments - Cherry Hill - File: 5650.00

Rafiqul,

They have a water rights licence 2005-064 for 100 dam³. It is a 20 year licence for recreational purposes.

They have so far only used half of their allocation for the 136 campsites (2011 – 48.33 dam³ and 2012 - 52.60 dam³).

We understand that they are planning a to have up to 500 sites as a result of this proposed expansion.

They may need to apply for an amendment to their water rights licence if their operation actually triples in size.

Cheers,

Rob

From: Buchan, Shelley (HEALTH)
Sent: July-15-13 3:25 PM
To: Chowdhury, Rafiqul (CWS)
Subject: FW: Review & comments - Cherry Hill - File: 5650.00

The only health concerns would be around nuisance odours and any impact on the ground water for drinking water purposes. From what I can read in the EIA neither are expected to be an issue with this proposal.

Thanks
Shelley

DR SHELLEY BUCHAN
Medical Officer of Health /Medecin hygieniste
Southern Health-Santé Sud
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Southport, MB R0H 1N1
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Together leading the way for a healthier tomorrow.

Ensemble vers un avenir plus sain.

Chowdhury, Rafiqul (CWS)

From: Stibbard, James (CWS)
Sent: July-05-13 1:45 PM
To: Chowdhury, Rafiqul (CWS)
Cc: Wojcikowski, Greg (CWS)
Subject: Re: 5650.00 Cherry Hill Resort Wastewater System Expansion EAP

Mr. Chowdhury,

I reviewed the above noted EAP for expansion of the on-site wastewater disposal system at the campground. The EAP notes the on-site wastewater systems will be designed in accordance with the relevant Manitoba regulations and that the domestic water supply wells are cased and drilled into a deep limestone aquifer. Based upon this, Office of Drinking Water does not have any concern for safety of the domestic water system from the proposed wastewater system expansion.

However, the EAP notes the campground is planned to construct a significant number of additional campsites and shower/laundry facilities. Depending upon the scope of the expansion, a *Permit to Construct or Alter a Public Water System* may be required for the domestic water system components of the project. It should be noted to the Proponent that he should review the permitting requirements on the Office of Drinking Water website or contact the Approvals Section of ODW if he has any questions about Permit requirements.

I trust this is satisfactory, but 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

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DATE: July 10, 2013

TO: Rafiqul Chowdhury
Environmental Approvals (Box 80)
Conservation and Water Stewardship
123 Main Street
Winnipeg MB R3C 1A5

FROM: Environmental Compliance and
Enforcement
Conservation and Water Stewardship
Box 4000
Lac du Bonnet MB R0E 1A0
P: (204) 345-1486
F: (204) 345-1400

SUBJECT: Environment Act Proposal – Cherry Hill Estate Recreation Vehicle Site Expansion Onsite Wastewater Management System

Environmental Compliance and Enforcement Branch has reviewed the above Environment Act Proposal (EAP) and submits the following comment:

- The EAP indicates the distances from the proposed wastewater disposal fields to all of the wells located on Cherry Hill Estate to the property boundary. Environmental Compliance and Enforcement Branch requests confirmation that all other applicable set back distances are consistent with the requirements of the Onsite Wastewater Management Systems Regulation, Schedule A.

From: Janusz, Laureen R (CWS)
Sent: July-12-13 6:01 PM
To: Chowdhury, Rafiqul (CWS)
Cc: Kroeker, Derek (CWS); Long, Jeff (CWS)
Subject: EAP 5650.00 3718426 MANITOBA LTD. - CHERRY HILL ESTATE RECREATIONAL VEHICLE SITE EXPANSION - ONSITE WASTEWATER MANAGEMENT SYSTEM - DUE JULY 12, 2013

Hi Rafiqul,

Fisheries Branch has reviewed this request to *expand and operate an existing onsite wastewater treatment and disposal system located on the NE 5-7-7 EPM in the Rural Municipality of Ste. Anne, to service the Cherry Hill Seasonal Campground and Recreational Vehicle Park. The proposed development will consist of primary settling tanks and construction of six 10,000 litre/day pressurized sand treatment mound wastewater management systems. The wastewater will be collected and pre-treated by sedimentation in the settling tanks. The effluent from the settling tanks will be discharged into pumping stations which will pump to the adjacent pressurized sand treatment mound system disposal fields for uniform distribution and infiltration (Advertisement Project Description).*

Manning Canal runs through the development and proposed sites for the sand treatment mound wastewater management systems. This canal does support fish and flows into the Red River which supports a number of large and small bodied fish species. Ultimately as long as the effluent is contained and treated within the sand mounds and does not enter the canal prior to treatment then any potential fisheries concerns should be addressed. It would seem reasonable to require monitoring of the canal and manmade lake just to ensure that untreated effluent is not entering into these waterbodies but we defer to the recommendations of our colleagues in Water Science Management on water quality specific issues.

There is no distance indicated between proposed Site 3 and the canal. We would recommend that the sand treatment mound not be constructed within 30 m of the high water mark of the canal.

Thanks Rafiqul and have a good weekend.

Laureen Janusz
Fisheries Science and Fish Culture Section
Fisheries Branch
Conservation and Water Stewardship
Phone: 204 945-7789
Cell: 204 793-1154
Email: Laureen.Janusz@gov.mb.ca

Chowdhury, Rafiqul (CWS)

From: Kaita, Adara (CWS) on behalf of +WPG1212 - Conservation_Circulars (CWS)
Sent: July-12-13 11:20 AM
To: Chowdhury, Rafiqul (CWS)
Subject: EA Proposal - 3718426 MANITOBA LTD. - CHERRY HILL ESTATE RECREATIONAL VEHICLE SITE EXPANSION - ONSITE WASTEWATER MANAGEMENT SYSTEM

Hi Rafiqul,

The Watersheds and Protected Areas Branch has no concerns. The Lands Branch notes that the Proposal indicates the distances from the proposed wastewater disposal fields to all of the wells located on Cherry Hill Estate to the property boundary. The Lands Branch requests confirmation that all other applicable set back distances are consistent with the requirements of the Onsite Wastewater Management Systems Regulation, Schedule A.