

Webb, Bruce (CWS)

Subject: RM of Miniota Wastewater Treatment Lagoon Expansion File: 4884.10

The attached information can be placed in the public registries for the above project:

Request for additional information: No additional information was required.

Public Comments on the Environment Act Proposal: No public comments were received.

Technical Advisory Committee Comments on the Environment Act Proposal: (14 pages)

Manitoba Conservation and Water Stewardship - Environmental Compliance and Enforcement Branch, May 1, 2014
Manitoba Conservation and Water Stewardship – Environmental Programs and Strategies Branch, Air Quality Section, May 8, 2014
Manitoba Conservation and Water Stewardship - Lands Branch, May 13, 2014
Manitoba Conservation and Water Stewardship – Parks and Protected Spaces Branch, May 5, 2014
Manitoba Conservation and Water Stewardship – Wildlife Branch, April 16, 2014
Manitoba Conservation and Water Stewardship – Water Science and Management Branch, Water Quality Management Section, May 12, 2014
Manitoba Conservation and Water Stewardship – Office of Drinking Water, May 9, 2014
Manitoba Conservation and Water Stewardship – Water Use Licensing Section, April 4, 2014
Manitoba Conservation and Water Stewardship – Water Control Works and Drainage Licensing Section, April 7, 2014
Manitoba Municipal Government – Community and Regional Planning Branch, May 12, 2014
Manitoba Infrastructure and Transportation – Highway Planning and Design Branch, Environmental Services Section, April 14, 2014
Office of the Fire Commissioner – April 14, 2014

Bruce.

Webb, Bruce (CWS)

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

From: Kneeshaw, Tyler (CWS)

Sent: May-01-14 3:21 PM

To: Webb, Bruce (CWS) *BW*

Subject: RE: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

Manitoba Conservation & Water Stewardship, Environmental Compliance and Enforcement has reviewed the Environment Act proposal for the Miniota wastewater treatment lagoon and has no comments at this time.

Tyler Kneeshaw
Environment Officer
Environmental Compliance & Enforcement
Manitoba Conservation & Water Stewardship
1129 Queens Avenue
Brandon, MB R7A 1L9
Phone 204-726-6167 Fax 204-726-6567
E-mail: tyler.kneeshaw@gov.mb.ca

DATE: 08 May, 2014

TO: Bruce Webb *BW*
Environmental Approvals
Conservation and Water
Stewardship
160-123 Main Street, Winnipeg

FROM: Muntaseer Ibn Azkar
Air Quality–Environmental Programs
& Strategies
Conservation and Water Stewardship
1007 Century Street, Winnipeg

**SUBJECT: Rural Municipality of Miniota Waste Water Treatment Lagoon
Expansion (File 4884.10)**

Air Quality Section has reviewed the above proposal and provides the following comments:

- The proposal is not expected to have a significant impact on air quality.
- The odour clause is suggested to be included in the License.

Webb, Bruce (CWS)

From: Kaita, Adara (CWS) on behalf of +WPG1212 - Conservation_Circulars (CWS)
Sent: May-13-14 8:53 AM
To: Webb, Bruce (CWS) *BW*
Cc: Misanchuk, Lorne (CWS)
Subject: EA Proposal - R.M. of Miniota - WWTL - File: 4884.10

Hello Bruce,

The Lands Branch has no concerns with the proposal since the parcel is under private ownership.

Thank you for the opportunity to review.

Adara Kaita
Crown Land Programs and Policy Manager
Conservation and Water Stewardship
Box 25, 200 Saulteaux Crescent
Winnipeg, MB R3J 3W3
Cell: (204) 945-6301
F: (204) 948-2197

Webb, Bruce (CWS)

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

From: Kelly, Jason (CWS)

Sent: May-05-14 9:42 AM

To: Webb, Bruce (CWS) BW

Cc: Harms, Jenny (CWS)

Subject: RE: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

Parks and Protected Spaces Branch has reviewed the proposal filed pursuant to the *Environment Act* for R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10. The Branch has no comments or concerns to offer as it does not affect any provincial parks, park reserves, ecological reserves, areas of special interest, or proposed protected areas.

Jason Kelly, M.N.R.M.
Ecological Reserves and Protected Areas Specialist
Parks and Protected Spaces Branch
Conservation and Water Stewardship
Box 53, 200 Saulteaux Cres
Winnipeg, MB R3J 3W3

Phone: 204-945-4148

Cell:

Fax: 204-945-0012

Email: Jason.Kelly@gov.mb.ca

Webb, Bruce (CWS)

From: Boissonneault, Caroline (CWS)
Sent: April-16-14 10:30 AM BW
To: Webb, Bruce (CWS)
Subject: Emailing: R.M. of Miniota - WWTL - Review and comments request due May 12 2014 - File 4884.10
Attachments: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

Hello Bruce,
Wildlife Branch has no concerns or any further comments to add regarding this proposal.
Thank you.

Caroline Boissonneault
Conservation and Water Stewardship
Wildlife Branch
Tel.: 204-945-6810
Caroline.boissonneault@gov.mb.ca

Your message is ready to be sent with the following file or link attachments:

R.M. of Miniota - WWTL - Review and comments request due May 12 2014 - File 4884.10

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

DATE: May 12, 2014

Memorandum

TO: Bruce Webb ^{BW}
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 Elaine Page

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

**SUBJECT: ENVIRONMENT ACT PROPOSAL FILE: 4884.10 RM OF MINIOTA
WASTEWATER TREATMENT LAGOON UPGRADE**

- The following effluent standards should be in place for the RM of Miniota wastewater treatment facility as per the *Manitoba Water Quality Standards, Objectives and Guidelines Regulation (196/2011)*.
 - BOD₅ 25 mg/L
 - TSS 25 mg/L
 - Fecal Coliforms 200 MPN / 100mL
 - Total phosphorus <1 mg/L or demonstrated nutrient reduction strategy.
- The *Manitoba Water Quality Standards, Objectives and Guidelines Regulation* requires new or expanding wastewater treatment facilities to meet a <1 mg/L phosphorus limit or implement a nutrient reduction strategy. The effluent standards of the RM of Miniota wastewater treatment facility should not allow discharge where the total phosphorus content of the effluent is in excess of 1 milligram per litre or demonstrate the effectiveness of trickle discharge to <1 mg/L phosphorus limit at the outlet of where the Proponent has control of the discharge water.
- 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.

Joy Kennedy

Webb, Bruce (CWS)

From: Stibbard, James (CWS)
Sent: May-09-14 9:36 AM
To: Webb, Bruce (CWS) BW
Subject: Re: 4884.10 Miniota WW Lagoon Expansion EAP

Bruce,

The only concern ODW would have with this lagoon expansion would be that, in the event of a major spill of untreated or semi-treated water into the Assiniboine River, the City of Brandon water system raw water intake is downstream. ODW would recommend that contact information for the City of Brandon water plant be included in the Emergency Response Plan for the lagoon system with an instruction that, in the event of a major spill of wastewater from the lagoons, the Brandon Water Plant be notified.

Beyond this point, ODW has no other concerns with this EAP.

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
website: www.manitoba.ca/drinkingwater

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Webb, Bruce (CWS)

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

From: Matthews, Rob (CWS)

Sent: April-04-14 11:18 AM

To: Webb, Bruce (CWS)

Subject: RE: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

No concerns.

Rob

Webb, Bruce (CWS)

From: Roberts, Dan (CWS)
Sent: April-07-14 1:54 PM BW
To: Webb, Bruce (CWS)
Subject: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

If, there is any drainage infrastructure associated with this expansion, then those works would have to be licensed – an application is attached for the proponent's convenience. Any inquiries in this regard may be directed to the local *Water Resource Officer*. Their contact information may be found at:

http://www.gov.mb.ca/conservation/waterstewardship/licensing/pdf/areas_of_focus_jan_23_12.pdf

Otherwise, on behalf of the *Water Control Works and Drainage Licensing Section*, there are no concerns.

Sincerely,

Dan Roberts
Water Resource Officer
Water Control Works and Drainage Licensing Section
Conservation and Water Stewardship
Box 640, 201 Fourth Ave. S., Swan River, MB R0L 1Z0
Cell: (204) 281-2122, Fax: 734-3733

**Application for Licence
to Construct Water Control Works**
FORM 1: Revised: July 14, 2009



Applicant Name (s) _____
 Company Name _____ Telephone No. _____
 Mailing Address _____ Postal Code _____ Cell Phone No. _____
 Location of Residence _____ Fax No. _____ E-mail _____

A. DEFINITIONS

1) Pursuant to *The Water Rights Act*: **WATER CONTROL WORKS** are defined as any dyke, dam, surface or subsurface drain, drainage, improved natural waterway, canal, tunnel, bridge, culvert, borehole or contrivance for carrying or conducting water that (a) temporarily or permanently alters or may alter the flow or level of water, including but not limited to water in a water body, by any means, including drainage, or (b) changes or may change the location or direction of flow of water, including but not limited to water in a water body, by any means, including drainage.

2) **MINOR WATER CONTROL WORKS** (as defined by policy) are those works that meet the following criteria:

Respecting drainage, minor water control works:

- Are constructed solely on lands owned or controlled by the applicant without negative impact to other lands.
- Meet industry accepted engineering and construction standards.
- Involve excavation of organic soils only and do not lower water levels more than 30 cm (1 foot) below natural ground level.
- Are proven acceptable to municipal or provincial governments if water control works affect the location or flow of water on municipal or provincial property.
- Are proven acceptable to the landowner of lands on which they are constructed if applicant does not own the land.
- Do not occur in naturally vegetated riparian areas.
- Do not occur on Class 6 and 7 soils as defined by Canada Land Inventory (CLI) Soil Capability for Agriculture (1965).
- Do not alter the natural state of seasonal, semi-permanent or permanent marshes (Classes III, IV, V – Stewart and Kantrud marsh classification system).

Respecting dams, minor water control works:

- Are constructed solely on lands owned or controlled by the applicant without negative impact to other lands.
- Meet industry accepted engineering and construction standards.
- Are located within artificially constructed drainage channels.
- Are less than 1.5 meters in height and do not raise the spill elevation of a wetland above natural ground level.

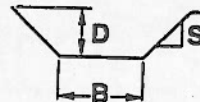
Respecting infrastructure installations, minor water control works:

- Are constructed solely on lands owned or controlled by the applicant without negative impact to other lands.
- Do not alter the natural state of seasonal, semi-permanent or permanent wetlands (Classes III, IV, V – Stewart and Kantrud marsh classification system).
- Meet industry accepted engineering and construction standards.
- Do not change the hydraulic capacity of the structure by more than 15%.
- Includes replacement of culverts at the same location and elevation as the previous culvert.

B. PHOTO/SKETCH/PLANS/DRAWING

All Water Rights Act license applications for construction of WATER CONTROL WORKS must include a photo, sketch, plan and/or drawing that incorporates:

- 1) Location of effected water bodies, maximum depths, approximate sizes, complete or partial drainage
- 2) Proposed drain location, length, depth (D), bottom width (B), and side slopes (S)
- 3) A topographic survey, if the magnitude of the project results in a request for survey information by Water Stewardship staff
- 4) Location of designated spoil sites
- 5) Flow direction of nearby watercourses
- 6) Description and location of proposed control structures and operation schedule (if applicable)
- 7) Road and culvert locations (including culvert sizes)
- 8) Legal descriptions and landowner names of surrounding/affected lands
- 9) North arrow
- 10) Industry accepted engineering and construction standards



For dam projects, except those that meet the definition of minor water control works, a copy of design drawings and decommissioning plan designed by a professional engineer registered to practice in Manitoba. Dams that have the capacity of less than 50 cubic decameters (40 acre feet) must be constructed to industry accepted engineering and construction standards but may be subject to less stringent reporting standards. Please contact either of the Manitoba Water Stewardship offices listed below for further details.

C. LOCATION of Works:

- 1) Municipality/Parish _____ 2) Conservation District (if applicable) _____
- 3) Location of water control works (include ¼ section, township and range, river lots, sub-division, or other legal description)

LEGAL SUBDIVISION	QUARTER	SECTION	TOWNSHIP	RANGE	E/W	LOT	BLOCK	PLAN

Or otherwise described as _____

- 4) Identify water body, natural waterway, or drain that water flows into (if known) _____

D. DESCRIPTION of Works:

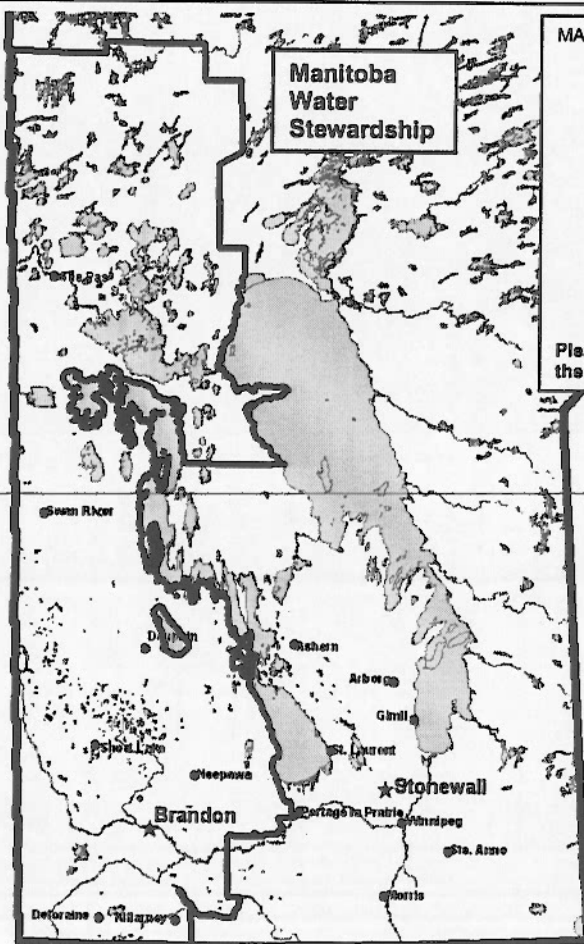
- 1) Describe your proposal and its purpose (Please include any methods to control outflow):

- 2) Does the proposed project meet the definition of minor water control works? Yes No
 (See definition section A)
- 3) Is a bio-security plan in place for the subject property? Yes No
- 4) Will drainage/lowering of a slough, pond or lake be undertaken? Yes No
 - a. If yes, please indicate the following:
 What is the total estimated area of water? _____ Acres _____ Hectares
- 5) Has a survey been completed for these works? Yes No
 - a. If yes, please attach a copy to this application
- 6) Provide details on sediment and erosion control plan(s). _____

E. LANDOWNER Approvals:

- 1) Proposed water control works are located on: Private Property Municipal Property Crown Land
- 2) The applicant is the: Registered Landowner Lessee Other: _____
 If lessee or other, please provide registered landowner signature of approval below.
- 3) Will the proposed water control works alter a water body or water level(s) on land you do not own or control?
- 4) Will the proposed water control works cause water to leave your land?
 If yes to either questions 3 or 4, please provide evidence of impacted landowner(s) approval below.

<u>Legal Description</u>	<u>Landowner Name(s) (Please Print)</u>	<u>Signature of Approval</u>	<u>Date Signed</u>



**MAKE CHEQUES PAYABLE TO: MINISTER OF FINANCE
 FEE OF \$25.00 MUST ACCOMPANY APPLICATION
 CHEQUE AND APPLICATION CAN BE MAILED TO:**

**WATER CONTROL WORKS & DRAINAGE LICENSING
 SECTION**

Box 13, 1129 Queens Avenue
 Brandon, MB R7A 1L9

OR

Box 4558, 293 Main Street
 Stonewall, MB R0C 2Z0

**Please Note: Incomplete applications may be returned to
 the applicant unprocessed.**

 Signature of Applicant

 Print Name

 Signature of Landowner (if different from Applicant)

 Print Name

 Date Signed

FOR OFFICE USE ONLY	Date Received _____
	Amount Received \$ _____
	Received By _____
	MFO# _____

Webb, Bruce (CWS)

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

From: Sumner, Kevan (MMG)

Sent: May-12-14 1:23 PM

To: Webb, Bruce (CWS) *BW*

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

I have reviewed this Proposal on behalf of Community and Regional Planning. Sewage lagoons are listed as a conditional use in the "AG" Agricultural General Zone in the Rural Municipality of Miniota Zoning By-law. Expansion of the lagoon will require conditional use approval from the R.M. of Miniota council. If conditional use approval is granted, we have no other concerns with the Proposal.

Kevan Sumner

Kevan W. Sumner
Regional Manager
Community and Regional Planning - Beausejour Regional Office
Acting Regional Manager
Community and Regional Planning - Brandon Regional Office
Ph: (204) 918-3538
Email: kevan.sumner@gov.mb.ca

Manitoba



Infrastructure and Transportation
Highway Planning and Design Branch
Environmental Services Section
1420 - 215 Garry St., Winnipeg, MB R3C 3P3
T (204) 619-4359 F (204) 945-0593

April 14, 2014

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

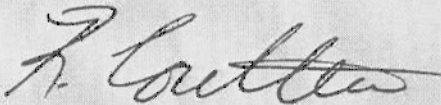
RE: RM of Minnota - WWTL Upgrade
Client File No. 4884.10

Dear Ms. Braun:

MIT has reviewed the proposal under the Environment Act noted above and we do not have any concern.

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

Sincerely,



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

Webb, Bruce (CWS)

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

From: Kubish, Cheryl (OFC)

Sent: April-14-14 3:30 PM

To: Webb, Bruce (CWS) *BW*

Subject: FW: R.M. of Miniota - WWTL - Review and comments request due May 12, 2014 - File: 4884.10

At this time, the Office of the Fire Commissioner has no concerns or comments with respect to the expansion of the Miniota wastewater treatment lagoon.

Cheryl Kubish
Administrative Assistant
Office of the Fire Commissioner
508-401 York Avenue
Winnipeg MB R3C 0P8
Phone: 945-3328
Fax: 948-2089

E-Mail address: Cheryl.Kubish@gov.mb.ca