

**DATE: March 11, 2013**

## Memorandum

**TO:** Jennifer Windsor  
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** Nicole Armstrong  
Sharon Gurney

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

**SUBJECT: ENVIRONMENT ACT PROPOSAL FILE: 3369.20 RM OF ST FRANCOIS  
XAVIER WASTEWATER STABILISATION POND EXPANSION**

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- The following effluent standards should be in place for RM St. Francois Xavier lagoon as per the *Manitoba Water Quality Standards, Objectives and Guidelines Regulation (196/2011)*.
  - BOD<sub>5</sub> 25 mg/L
  - Total suspended solids 25 mg/L
  - Fecal Coliforms or Escherichia coli 200 MPN / 100mL
- The *Manitoba Water Quality Standards, Objectives and Guidelines Regulation (196/2011)* requires new or expanding wastewater treatment facilities to meet a 1 mg/L phosphorus limit or implement a nutrient reduction strategy. The proposal states that trickle discharge would be implemented and that land has been set aside for a future constructed wetland.
  - The effluent standards should not allow discharge where the total phosphorus content of the effluent is in excess of 1 milligram per litre or provide additional information on the equivalency of trickle discharge to a 1 mg/L phosphorus limit. This information must be provided before trickle discharge can be approved as a nutrient reduction strategy.
  - Has the Proponent considered effluent irrigation as a discharge option?
- 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.

## **Winsor, Jennifer (CON)**

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**From:** Kaita, Adara (CON) on behalf of +WPG1212 - Conservation\_Circulars (CON)  
**Sent:** March-11-13 9:19 AM  
**To:** Winsor, Jennifer (CON)  
**Cc:** Campbell, Lyle (CON)  
**Subject:** FW: EA Proposal - RM of St. François Xavier Wastewater Pond Expansion - File: 3369.20 - Comments due March 7

The Sustainable Resource and Policy Management Branch have no concerns, conditional upon the following:

If the license for wastewater pond expansion is granted, it is recommended that the effluent discharges from the lagoon (and effluent composition) be maintained within provincial guidelines

The proposed discharge route for treated effluent flows through Second Creek to the Assiniboine River just upstream of the Clam Beds Proposed Ecological Reserve. Parks and Natural Areas Branch staff can advise of any additional conditions that may be required to ensure future effluent discharge from the wastewater pond expansion does not adversely affect the habitat of this proposed ecological reserve.

The Lands Branch has no concerns as the land is owned by the RM of St. Francois Xavier.

## Winsor, Jennifer (CON)

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**From:** Elliott, Jessica (CON)  
**Sent:** March-07-13 10:17 AM  
**To:** Winsor, Jennifer (CON)  
**Subject:** RE: Request for TAC Review/Comments - RM of St. François Xavier WWTL - File: 3369.20 - Comment deadline: Mar. 11, 2013

Parks and Natural Branch has reviewed the proposal filed pursuant to the Environment Act for the RM of St. François Xavier wastewater treatment lagoon expansion (file 3369.20). The Branch has no comments to offer.

### Jessica Elliott, M.E.Des.

Head, Park System Planning and Ecology  
Parks and Natural Areas Branch  
Conservation and Water Stewardship  
Box 53, 200 Saulteaux Cres  
Winnipeg MB R3J 3W3

*phone: 204-945-4365*

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Before printing, think about the environment

Avant d'imprimer, pensez à l'environnement

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**From:** Steele, Tania (CON)  
**Sent:** February-07-13 1:59 PM  
**To:** Schindler, Dennis (MAFRI); Kaita, Adara (CON); Labossiere, Don (CON); Molod, Rommel (CON); Streich, Laurie (CON); Duncan, James (CON); Elliott, Jessica (CON); Dojack, John (CON); Gilbertson, Mike (CON); Missyabit, Ron (CON); Gurney, Sharon (MWS); Phipps, Graham (MWS); Janusz, Laureen R (MWS); Stibbard, James (MWS); Matthews, Rob (MWS); Reimer, Geoff P (MWS); +WPG574 - HRB (CHT); Cunningham, Neil (CON); Roberecki, Susan (HEALTH); Roberts, Tracy (HEALTH); +WPG969 - MIT Environmental Services Section (MIT); Shaler, Samantha (MLG); 'CEAAPrairieProjects@ceaa-acee.gc.ca'; 'EASouthPNR@ec.gc.ca'; Allum, Brad (MIT); Nedotiafko, Rob (CON); Campbell, Lyle (CON)  
**Cc:** Winsor, Jennifer (CON)  
**Subject:** Request for TAC Review/Comments - RM of St. François Xavier WWTL - File: 3369.20 - Comment deadline: Mar. 11, 2013

Your review and comment would be appreciated for the attached Proposal submitted pursuant to *The Environment Act*:

<http://www.gov.mb.ca/conservation/eal/registries/3369stfrancois/index.html>

## Winsor, Jennifer (CON)

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**From:** Stibbard, James (MWS)  
**Sent:** March-06-13 11:36 AM  
**To:** Winsor, Jennifer (CON)  
**Subject:** Re: EAP 3369.20 St.francis Xavier Lagoon Expansion

Ms. Winsor,

I reviewed the above noted EAP for an expansion of the facultative wastewater treatment lagoons in the RM of St Francis Xavier. The EAP notes the lagoons will be built to Manitoba Conservation standards and the treated effluent will discharge into a seasonal creek and the Assiniboine River. The Assiniboine River is not used as a drinking water source any where downstream of the discharge point.

Based upon this, Office of Drinking Water sees no cause for concern with respect to drinking water safety with the EAP or proposed development.

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  
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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## Winsor, Jennifer (CON)

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**From:** Bridges, Sonja (CON)  
**Sent:** March-01-13 3:21 PM  
**To:** Winsor, Jennifer (CON)  
**Subject:** FW: Request for TAC Review/Comments - RM of St. François Xavier WWTL - File: 3369.20 - Comment deadline: Mar. 11, 2013

Hi Jennifer,

I have reviewed the proposal for the expansion of the St Francois Xavier wastewater treatment lagoon, File # 3369.20, and I have no concerns regarding the development of this project.

Regards,

Sonja Bridges,  
Environment Officer  
Manitoba Conservation and Water Stewardship  
1007 Century Street  
Winnipeg MB R3H 0W4  
Ph: (204) 918-4271  
[sonja.bridges@gov.mb.ca](mailto:sonja.bridges@gov.mb.ca)  
Emergency Response Line: 944-4888 or toll free 1-855-944-4888  
**\*\*Please note the new address\*\***

**From:** Steele, Tania (CON)  
**To:** Schindler, Dennis (MAFRI); Kaita, Adara (CON); Labossiere, Don (CON); Molod, Rommel (CON); Streich, Laurie (CON); Duncan, James (CON); Elliott, Jessica (CON); Dojack, John (CON); Gilbertson, Mike (CON); Missyabit, Ron (CON); Gurney, Sharon (MWS); Phipps, Graham (MWS); Janusz, Laureen R (MWS); Stibbard, James (MWS); Matthews, Rob (MWS); Reimer, Geoff P (MWS); +WPG574 - HRB (CHT); Cunningham, Neil (CON); Roberecki, Susan (HEALTH); Roberts, Tracy (HEALTH); +WPG969 - MIT Environmental Services Section (MIT); Shaler, Samantha (MLG); 'CEAAPrairieProjects@ceaa-acee.gc.ca' <'CEAAPrairieProjects@ceaa-acee.gc.ca'>; 'EASouthPNR@ec.gc.ca' <'EASouthPNR@ec.gc.ca'>; Allum, Brad (MIT); Nedotiafko, Rob (CON); Campbell, Lyle (CON)  
**Cc:** Winsor, Jennifer (CON)  
**Sent:** Thu Feb 07 13:59:08 2013  
**Subject:** Request for TAC Review/Comments - RM of St. François Xavier WWTL - File: 3369.20 - Comment deadline: Mar. 11, 2013

Your review and comment would be appreciated for the attached Proposal submitted pursuant to *The Environment Act*:

<http://www.gov.mb.ca/conservation/eal/registries/3369stfrancois/index.html>

The contact person assigned to co-ordinate review and assessment of the Proposal is:

**Jennifer Winsor**

**Telephone: 204-945-7012**

**E-Mail: [Jennifer.Winsor@gov.mb.ca](mailto:Jennifer.Winsor@gov.mb.ca)**

Please indicate to the contact person if you are unable to review the proposal. A non-reply will be considered as indicating your department has reviewed the proposal and has no concerns.

**Manitoba**



**Infrastructure and Transportation  
Highway Planning and Design Branch  
Environmental Services Section  
1420 - 215 Garry St, Winnipeg, MB R3C 3P3  
T (204) 619-4369 F (204) 946-0588**

**February 21, 2013**

**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 St. Francois Xavier -- Wastewater Treatment Lagoon  
Client File No 3369.20**

**Dear Ms. Braun:**

**MIT has reviewed The Environment Act Proposal noted above and we do not have concerns with the development as proposed.**

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

**Sincerely,**

A handwritten signature in blue ink, appearing to read "R. Couiter".

**Ryan Couiter, M. Sc., P. Eng.  
Manager of Environmental Services**

**Winsor, Jennifer (CON)**

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**From:** Flynn, Heather [CEAA] [Heather.Flynn@ceaa-acee.gc.ca]  
**Sent:** February-13-13 2:05 PM  
**To:** Winsor, Jennifer (CON)  
**Subject:** 5450 (MC File 3369.20) RM of St. Francois-Xavier - WWTL Expansion

Good afternoon,

This email is to confirm receipt of the Environment Act Proposal for the expansion of the St. Francois-Xavier Wastewater Treatment Lagoon by the R.M. of St. Francois-Xavier (MC File 3369.20).

As you know, the *Canadian Environmental Assessment Act, 2012* (CEAA 2012) came into force in July 2012, focusing federal attention on those project proposals that have a greater potential for significant adverse environmental effects in areas of federal jurisdiction. The *Regulations Designating Physical Activities* identify the activities which, if carried out individually or in combination, would constitute a “designated project” that is subject to the requirements of CEAA 2012.

The proponent is responsible for confirming its federal regulatory responsibilities associated with its project. In your response to the proponent, please advise it to review the noted regulations (<http://laws-lois.justice.gc.ca/eng/regulations/SOR-2012-147/index.html>) and contact the Canadian Environmental Assessment Agency if its proposal includes any activity described.

Thank you for your effort to ensure coordination and close communication between provincial and federal levels of government. If you require any further clarification on the requirements of CEAA 2012, please feel free to contact me.

Regards,  
Heather

## **Winsor, Jennifer (CON)**

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**From:** Wiens, Jonathan (CON)  
**Sent:** February-07-13 2:37 PM  
**To:** Winsor, Jennifer (CON)  
**Cc:** Bruce, Robert (CON)  
**Subject:** RE: Request for TAC Review/Comments - RM of St. François Xavier WWTL - File: 3369.20 - Comment deadline: Mar. 11, 2013

Wildlife Branch does not have any concerns with the proposed project, but offers the following comment:

It is important to note that this region of Manitoba attracts large numbers of migrating Canada Geese. Any future land use developments (e.g. green space, water features, lagoons) need to consider the possibility of attracting geese, which may create conflicts with neighbours or lagoon operations. Wildlife Branch recommends that the project proponent consider this potential conflict during the planning phase and incorporate any required mitigation.

Wildlife Branch recommends that the project proponent consider reviewing the following website for more information:

[http://www.gov.mb.ca/conservation/wildlife/problem\\_wildlife/waterfowl\\_cranes.html](http://www.gov.mb.ca/conservation/wildlife/problem_wildlife/waterfowl_cranes.html)

The proponent may also want to contact the Urban Goose Management Committee for more information.

Jonathan Wiens, MSc  
Habitat Specialist  
Manitoba Conservation  
Box 24 - 200 Saulteaux Crescent  
Winnipeg, Manitoba, R3J 3W3  
Phone: (204) 945-7764  
Mobile: (204) 918-3420  
Fax: (204) 945-3077  
Email: [jonathan.wiens@gov.mb.ca](mailto:jonathan.wiens@gov.mb.ca)

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**From:** Steele, Tania (CON)  
**Sent:** February-07-13 2:02 PM  
**To:** Wiens, Jonathan (CON)  
**Subject:** FW: Request for TAC Review/Comments - RM of St. François Xavier WWTL - File: 3369.20 - Comment deadline: Mar. 11, 2013

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**Jennifer Winsor**  
**Telephone:** 204-945-7012  
**E-Mail:** [Jennifer.Winsor@gov.mb.ca](mailto:Jennifer.Winsor@gov.mb.ca)