



## Sustainable Development

Environmental Stewardship Division  
Environmental Approvals Branch  
123 Main Street, Suite 160, Winnipeg, Manitoba, Canada R3C 1A5  
T 204 945-8321 F 204-945-5229  
[www.gov.mb.ca/conservation/eal](http://www.gov.mb.ca/conservation/eal)

**File: 140.40**

August 3, 2016

Joy Kennedy  
Water Science and Management Branch  
Manitoba Sustainable Development  
200 Saulteaux Crescent  
Winnipeg, MB R3J 3W3

Dear Ms. Kennedy:

**Re: City of Selkirk – Wastewater Treatment Facility – Environment Act Proposal**

The responses from the Technical Advisory Committee (TAC) that contained requests for additional information regarding the Environment Act Proposal (EAP) for the City of Selkirk wastewater treatment facility were forwarded to the proponent. The proponent was asked to address and respond to the comments contained in the responses and to provide additional information for the environmental review that is continuing.

Attached you will find the proponent's consultant's July 12, 2016 letter responding to the comments and requests for additional information presented by the TAC. Please review the response to determine if your comments and requests for additional information have been satisfactorily addressed.

Your comments, if any, are required not later than two weeks after the date of this letter. No response on your part will be assumed to indicate no concern.

If you have any questions, please contact me at 945-6030.

Yours sincerely,

Original Signed By

Robert Boswick, P. Eng.  
Environmental Engineer

### Attachment

- c. Keith Fitchett, P.Eng. – AECOM (letter only via email; [keith.fitchett@aecom.com](mailto:keith.fitchett@aecom.com))  
Don Labossiere, Director – Environmental Compliance and Enforcement, Manitoba  
Sustainable Development  
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**File: 140.40**

August 3, 2016

Otilie Murray  
Community and Regional Planning Branch  
Manitoba Indigenous and Municipal Relations  
103 – 235 Eaton Avenue  
Selkirk, MB R1A 0W7

Dear Ms. Murray:

**Re: City of Selkirk – Wastewater Treatment Facility – Environment Act Proposal**

The responses from the Technical Advisory Committee (TAC) that contained requests for additional information regarding the Environment Act Proposal (EAP) for the City of Selkirk wastewater treatment facility were forwarded to the proponent. The proponent was asked to address and respond to the comments contained in the responses and to provide additional information for the environmental review that is continuing.

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**File: 140.40**

August 3, 2016

Dan Roberts  
Water Control Works and Drainage Licensing Section  
Manitoba Sustainable Development  
Box 6000, Building #1180  
75 – 7<sup>th</sup> Avenue  
Gimli, MB R0C 1B0

Dear Mr. Roberts:

**Re: City of Selkirk – Wastewater Treatment Facility – Environment Act Proposal**

The responses from the Technical Advisory Committee (TAC) that contained requests for additional information regarding the Environment Act Proposal (EAP) for the City of Selkirk wastewater treatment facility were forwarded to the proponent. The proponent was asked to address and respond to the comments contained in the responses and to provide additional information for the environmental review that is continuing.

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Yours sincerely,

Original Signed By

Robert Boswick, P. Eng.  
Environmental Engineer

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Don Labossiere, Director – Environmental Compliance and Enforcement, Manitoba  
Sustainable Development  
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July 12, 2016

Manitoba Sustainable Development  
Environmental Stewardship Division  
Environmental Approvals Branch  
123 Main Street  
Winnipeg, MB R3C 1A5



Attention: Mr. Robert Boswick, P. Eng.  
Environmental Engineer

**Project No:** 60313894

**Regarding:** Environment Act Proposal – City of Selkirk Wastewater Treatment Facility

We have reviewed the points raised in your letter dated June 8, 2016 and offer the following responses to comments and requests from the Technical Advisory Committee:

**1. Memorandum from Water Science and Management Branch – Manitoba Sustainable Development , dated May 20, 2016:**

*A question was raised regarding the Implementation Plan, which noted that the funding for the project was anticipated by October 2016. The writer asked whether funding had been secured for the project.*

**Response:** Funding has not yet been secured; however, the proponent has been advised that approval is imminent.

*To assist in establishing the total ammonia limit for the WWTF, additional data was requested, related to pH, temperature, flow and ammonia concentrations.*

**Response:** Please refer to the attached **Table 1: Predicted Effluent Values for the Selkirk WWTF.**

*Comments were requested on the feasibility of separating the biosolids produced through the biological phosphorus removal operating mode from the biosolids produced when using chemical addition to remove phosphorus, typically in the cold weather months.*

**Response:** The plan for biosolids storage and stabilization anticipates utilizing the existing storage basins in a sequential manner. When each basin reaches capacity, the biosolids will be directed to the next basin in the series. It is anticipated that under this operating method, each basin will contain some biosolids containing coagulant. It is considered impractical to operate the waste activated sludge pumping system and storage pond systems in a manner that would clearly separate the two types of biosolids. The stabilized biosolids will be tested prior to land application, and appropriate application rates established.

*It is recommended that the proponent participate in any future watershed based management study, and/or nutrient reduction program approved by the Director.*

**Response:** This is a reasonable request.

**2. Email message from Community and Regional Planning (CRP) Branch – Manitoba Indigenous and Municipal Relations, dated May 11, 2016:**

*CRP expressed no concerns about the project, but offered comments. It was suggested that the City might consider modifying the titles of the three City-owned properties which make up the WWTF site. The purpose would be to eliminate the "land-locked" status of lot containing the new WWTF (CT. 2612953 / Roll 269800).*

**Response:** The suggestion is reasonable and the City will take this under advisement.

**3. Email from Water Control Works and Drainage Licensing Section – Manitoba Sustainable Development, dated April 21, 2016.**

*It was noted that any water control works associated with the project will require licensing under the Water Rights Act and contact information for the Water Resource Officer was provided.*

**Response:** The requirements of the Water Rights Act are understood and the City will implement any upgrading of site drainage systems in accordance with this Act. No significant changes to the existing site drainage facilities are anticipated at this time.

I trust that these responses have provided the information required or clarifications sought. If you have any further requirements, please contact us.

I would like to note that future correspondence related to the City of Selkirk WWTF EAP should be directed to Mr. Keith Fitchett, P.Eng. (keith.fitchett@aecom.com) at AECOM's Winnipeg office.

Sincerely,  
AECOM Canada Ltd.

  
per/ J. Eric Hutchison, P.Eng.  
Project Manager  
eric.hutchison@aecom.com

JEH:ag  
Encl.  
cc: D. McDermid, City of Selkirk  
T. Parsons, The Manitoba Water Services Board

**Table 1: Predicted Effluent Values for the Selkirk Wastewater Treatment Facility**

Month	Flow, L/s			Total Ammonia, mg N/L			pH	Temperature, °C
	Max day	Max Week	Max Month	Max day	Max Week	Max Month		
January	138.9	86.8	81.4	15	10	5	8.5	13
February	138.9	86.8		15	10		8.5	13
March	289.4	151.3		15	10		8.5	10
April	289.4	158.4		15	10		8.5	11
May	289.4	158.4		15	10		8.5	14
June	289.4	158.4		15	10		8.5	17
July	289.4	158.4		15	10		8.5	19
August	289.4	158.4		15	10		8.5	20
September	289.4	158.4		15	10		8.5	19
October	289.4	158.4		15	10		8.5	17
November	138.9	86.8		15	10		8.5	15
December	138.9	86.8		15	10		8.5	14