

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

Response to request for additional information – Letter from WSP to Environmental Approvals, November 1, 2016

Request for additional information – Letter from Environmental Approvals Branch to WSP, September 28, 2016

Public comments on Environment Act Proposal – no public comments received.

Technical Advisory Committee comments on Environment Act Proposal: (10 pages)

Manitoba Sustainable Development – Environmental Compliance and Enforcement Branch, August 17, 2016

Manitoba Sustainable Development – Climate Change and Air Quality Branch, Air Quality Section, August 19, 2016

Manitoba Sustainable Development – Wildlife and Fisheries Branch, Fisheries Science and Fish Culture Section, August 22, 2016

Manitoba Sustainable Development – Parks and Protected Spaces Branch, July 22, 2016

Manitoba Sustainable Development – Lands Branch, August 18, 2016

Manitoba Sustainable Development – Lands Branch, Land Management and Planning Section, July 21, 2016

Manitoba Sustainable Development – Water Science and Management Branch, Water Quality Management Section, September 27, 2016

Manitoba Sustainable Development – Office of Drinking Water, August 22, 2016

Manitoba Sustainable Development – Water Use Licensing Section, July 21, 2016

Manitoba Sustainable Development – Water Control Works and Drainage Licensing Section, July 22, 2016

Bruce.



November 1, 2016

Project No: 131-21854-00

Mr. Robert Boswick, P.Eng.
Environmental Engineer
MANITOBA SUSTANIABLE DEVELOPMENT
160-123 Main Street
Winnipeg, MB R3C 1A5

Dear Mr. Boswick:

**RE: VILLAGE OF ST-PIERRE-JOLYS
WASTEWATER TREATMENT LAGOON EXPANSION
ENVIRONMENT ACT PROPOSAL – FILE No: 84.20**

Thank you for providing us with the comments received during the initial review period for the Environment Act Proposal (EAP) regarding the expansion of the Village of St-Pierre-Jolys Wastewater Treatment Lagoon (WWTL) from the Technical Advisory Committee (TAC). This letter intends to address and respond to the comments and requests for additional information following submission of the EAP. Comments were received from the following branches and sections within Manitoba Sustainable Development (MSD): Water Science and Management Branch, Environmental Compliance and Enforcement Branch, and the Water Control Works and Drainage Licensing Branch.

1. Request for Comment on Water Control Works Associated with the Project from Manitoba Sustainable Development – Water Control Works and Drainage Licensing Section.

An email dated July 22, 2016 from Mr. Dan Roberts has requested that any water control works associated with this project will require licencing. At this time, there is no water control works being designed that would require licencing for the St-Pierre-Jolys WWTL expansion.

Development – Environmental Compliance and Enforcement

A memorandum dated August 17, 2016 from the Eastern Region of the Environmental Compliance and Enforcement branch has requested additional information regarding the operation of the new wetland cell, in the form of three questions. The answers are as follows:

1. Sampling from the wetland cell will take place at the discharge point of the wetland cell, at the west side of the lagoon. One sample before discharging the wetland cell is sufficient to determine the total phosphorus concentration of the effluent as opposed to sampling in multiple spots within the wetland cell. This is because the entire wetland cell is needed for phosphorus removal, thus the sample needs to be taken only from the discharge point. An accredited laboratory will be used to determine the total phosphorus of the collected sample within statistical confidence.
2. For the first year of operation, sampling for phosphorus once a week during the discharge period will take place to ensure the correct operation of the wetland cell. This is to provide the operator a full summer discharge period to adjust the operation of the wetland cell, if needed. After the one year period, sampling bi-weekly to determine a 30-day rolling average is sufficiently representative, as three samples will contribute to the 30-day rolling average.
3. If the 30-day rolling average indicates a concentration of total phosphorus greater than 1 mg/L, the discharge wetland cell will cease until the 30-day rolling average falls below the allowable 1 mg/L. More frequent sampling may take place during this time to track the total phosphorus concentration.

3. Request for Additional Information from Manitoba Sustainable Development – Water Quality Management Section

A memorandum dated September 27, 2016 from Ms. Joy Kennedy from the Water Quality Management Section has requested additional information regarding the effluent standards. The Village of St-Pierre-Joisy will follow all effluent standards in place as per the Manitoba Water Quality Standard, Objectives and Guidelines Regulation. The Village will also actively participate in watershed based management studies, plans or nutrient reduction programs.

-----;

WSP Canada Inc.

A handwritten signature in black ink, appearing to read 'Dana Bredin', written in a cursive style.

Dana Bredin, P.Eng.
Geotechnical / Civil Engineer

cc: Janine Wiebe, CAO, Village of St-Pierre-Jolys
Glen Koblun, Manager, Native Plant Solutions
Lisette Ross, Senior Wetland / Upland Specialist, Native Plant Solutions
Ross Webster, Manager, Environmental Infrastructure, WSP
Tracey Braun, Director, Environmental Approvals, MB Sustainable Development

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

File: 84.20

September 28, 2016

Dana Bredin, P. Eng.
WSP Canada Ltd.
1600 Buffalo Place
Winnipeg, MB R3T 6B8

Via FAX: 204-474-2864

Dear Mr. Bredin:

Re: Environment Act Proposal – Village of St-Pierre-Jolys Wastewater Treatment Lagoon Expansion

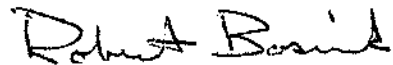
The initial review of the Environment Act Proposal (EAP) for the Village of St-Pierre-Jolys Wastewater Treatment Lagoon Expansion resulted in several comments and requests for additional information.

Please respond to the comments and requests from the Technical Advisory Committee presented in the attached items being:

1. Memorandum from Water Science and Management Branch – Manitoba Sustainable Development, dated September 27, 2016;
2. Memorandum from Environmental Compliance and Enforcement Branch – Manitoba Sustainable Development, dated August 17, 2016; and
3. Email message from Water Control Works and Drainage Licensing Section – Manitoba Conservation and Water Stewardship, dated July 22, 2016.

Please address and respond to the comments and requests for additional information. Resulting responses that are specifically pertinent to the EAP review are to be directed through Manitoba Sustainable Development's Environmental Approvals Branch. The EAP review process will continue upon receipt of your responses.

If you have any questions or would like to discuss these items, please contact me at 204-945-6030.



Robert Boswick, P. Eng.
Environmental Engineer

c: Janine Wiebe, CAO – Village of St-Pierre Jolys (Via FAX: 204-433-7053)
Don Labossiere/Donna Smiley/Larry Markwart – Environmental Compliance and
Enforcement, Manitoba Sustainable Development
Public Registries

DATE: August 17, 2016

TO: Rob Boswick
Environmental Approvals
Sustainable Development
160-123 Main Street (Box 80)
Winnipeg MB R3C 1A5

FROM: Eastern Region
Environmental Compliance and Enforcement
Sustainable Development
Unit B – 284 Reimer Avenue
Steinbach MB R5G 0R5

**SUBJECT: Environment Act Proposal - St-Pierre-Jolys Wastewater Treatment Lagoon Expansion
(Client File No. 84.2; CEC Licence # 802V00)**

Environmental Compliance and Enforcement Branch (Eastern Region) has reviewed the above noted environment act proposal for the expansion of the Village of St-Pierre-Jolys wastewater treatment lagoon.

1. In Section *7.1.1 Discharge*, the last paragraph indicates that one sample will be collected from the wetland cell prior to releasing treated effluent from the wetland cell. Where will this sample be collected from, and is one sample sufficient to indicate that adequate treatment for phosphorous has occurred prior to initiating release from the wetland cell?
2. The last paragraph of Section *7.1.1 Discharge* indicates that during discharge of the wetland cell, phosphorous content of the effluent will be assessed using a 30-day rolling average based on samples collected every two weeks. Is the average of three samples in a 30 day period sufficiently representative of the phosphorous content of the effluent released during that period?
3. What measures would be taken should results of the 30-day rolling average indicate a phosphorous content in excess of 1 mg/L?

DATE: 19 August, 2016

TO: Robert Boswick
Environmental Approvals
Manitoba Sustainable Development
160-123 Main Street, Winnipeg

FROM: Muntaseer Ibn Azkar
Climate Change and Air Quality
Manitoba Sustainable Development
160-123 Main Street, Winnipeg

**SUBJECT: Village of St. Pierre - Wastewater Treatment Lagoon Expansion (File.
84.20)**

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.

To: Boswick, Robert (SD)
Cc: Kroeker, Derek (SD); Long, Jeff (SD); Kiss, Brian (SD)
Subject: EAP 84.20 St. Pierre Jolys WWTL Fisheries Unit Comments

Hi Robert,

Fisheries section of Wildlife and Fisheries Branch and the regional fisheries manager have reviewed this proposal to upgrade and expand the St. Pierre Jolys WWTL.

As part of the expansion a new wetland cell will be constructed to reduce the total phosphorus in the effluent. The existing discharge route will be utilized. The lagoon will be designed for 227 day storage with the discharge period occurring continuously from the new wetland cell from June 15 through to November 1.

The Rat River supports small and large bodied fish species. Given the proponent is proposing to continuously discharge over the allowable period it is important that the effluent meet Manitoba Water Quality Standards Objectives and Guidelines.

Thank you.

Laureen Janusz
Fisheries Science and Fish Culture Section
Fisheries Branch,
Manitoba Conservation and Water Stewardship
Box 20, 200 Saulteaux Crescent
Winnipeg, MB R3J 3W3

Phone: 204.945.7789

Cell: 204.793.1154

Fax: 204.948-2308

Email: Laureen.Janusz@gov.mb.ca WWTL

To: Boswick, Robert (SD)
Subject: RE: Request for review/comment - St Pierre Jolys WWTL File 84.20

Parks and Protected Spaces Branch has reviewed the proposal submitted pursuant to *The Environment Act* for the Request for review/comment - St Pierre Jolys WWTL File 84.20. 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.

From: Steele, Tania (SD)

Sent: July-21-16 10:25 AM

To: Wilson, Brian (AGR); +WPG1212 - Conservation_Circulars (CWS); Labossiere, Don (SD); Molod, Rommel (SD); Kiss, Brian (SD); Meuckon, Cameron (SD); +WPG1212 - Parks Circulars (CWS); Keenan, Phil (SD); Missyabit, Ron (SD); Page, Elaine (SD); Phipps, Graham (SD); Matthews, Rob (SD); Reimer, Geoff P (SD); +WPG574 - HRB Archaeology (TCHSCP); Cunningham, Neil (SD); Roberecki, Susan (HSAL); Roberts, Tracy (HSAL); +WPG969 - MIT Environmental Services Section (MIT); Smiley, Donna (SD); Prawdzik, Tim (SD); Drimes, Daniel (SD); +STE1000 - Steinbach CRP (MMG); Nedotiafko, Rob (SD); Sobkowich, Dale (SD)

Cc: Boswick, Robert (SD)

Subject: Request for review/comment - St Pierre Jolys WWTL File 84.20

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

<http://www.gov.mb.ca/conservation/eal/registries/84.2stpierre/index.html>

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

Rob Boswick @ 204.945.6030

Email replies are programmed to automatically deliver to R. Boswick.

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.

Any comments you have on the Proposal should be emailed by **AUGUST 19, 2016**.

****No hard copies will be provided****

Thank you.

To: Boswick, Robert (SD)
Subject: Request for review/comment - St Pierre Jolys WWTL File 84.20

Hello Rob,

Good afternoon.

Lands Branch – SD has no concerns/comments as regards St Pierre Jolys WWTL File 84.20. The proposal does not involve lands under surface Crown land tenure.

Thank you for the opportunity to review

Winifred Frias

Crown Land Programs Administrator
Lands Branch
Department of Sustainable Development
200 Saulteaux Crescent, Box 25
Winnipeg, Manitoba R3J 3W3 CANADA
Phone: (204) 945-4524
Facsimile: (204) 948-2197

Manitoba 

 Please consider the environment before printing this e-mail

TO: BOSWICK, ROBERT (SD)
Subject: RE: Request for review/comment - St Pierre Jolys WWTL File 84.20

Land Management & Planning Section of Lands Branch has no comment as no Crown lands will be impacted by the project proposal.

*Dale Sobkowich, Resource Planner
Lands Branch
Department of Sustainable Development
Box 25 200 Saulteaux Crest.
Winnipeg, Manitoba R3J 3W3
ph: (204) 945-6660
fax: (204) 948-2197
email: Dale.Sobkowich@gov.mb.ca*

From: Steele, Tania (SD)
Sent: July-21-16 10:25 AM
To: Wilson, Brian (AGR); +WPG1212 - Conservation_Circulars (CWS); Labossiere, Don (SD); Molod, Rommel (SD); Kiss, Brian (SD); Meuckon, Cameron (SD); +WPG1212 - Parks Circulars (CWS); Keenan, Phil (SD); Missyabit, Ron (SD); Page, Elaine (SD); Phipps, Graham (SD); Matthews, Rob (SD); Reimer, Geoff P (SD); +WPG574 - HRB Archaeology (TCHSCP); Cunningham, Neil (SD); Roberecki, Susan (HSAL); Roberts, Tracy (HSAL); +WPG969 - MIT Environmental Services Section (MIT); Smiley, Donna (SD); Prawdzik, Tim (SD); Drimes, Daniel (SD); +STE1000 - Steinbach CRP (MMG); Nedotiafko, Rob (SD); Sobkowich, Dale (SD)
Cc: Boswick, Robert (SD)
Subject: Request for review/comment - St Pierre Jolys WWTL File 84.20

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DATE: September 27, 2016

Memorandum

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

FROM: Joy Kennedy
Water Quality Management Section
Water Science and Management Branch
200 Saulteaux Cres, Winnipeg, MB
R3J 3W3

Cc Elaine Page

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

SUBJECT: *FILE 84.20 VILLAGE OF ST-PIERRE-JOLYS*

- The following effluent standards should be in place for Petersfield wastewater treatment lagoon as per the *Manitoba Water Quality Standards, Objectives and Guidelines Regulation (196/2011)*.
 - BOD₅ 25 mg/L
 - Total suspended solids 25 mg/L
 - Fecal Coliforms or Escherichia coli 200 MPN / 100mL
 - <1 mg/L total phosphorus
- The Water Quality Management Section recommends that the proponent monitor the constructed wetland more frequently, once a week, in the first year of operation to ensure it is capable of reducing nutrients to < 1mg/L total phosphorus.
- 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

TO: BOSWICK, ROBERT (SD)
Subject: RE: Request for review/comment - St Pierre Jolys WWTL File 84.20

Hi Mr. Boswick,

I apologise for the late submission as I was out of the office last week, part of it unexpected.

I have reviewed the above-noted EAP and the Office of Drinking Water has no concerns with this project in regards to drinking water safety.

Thank you,

Daniel Drimes, C.E.T.
Approvals Technologist, Office of Drinking Water
Department of Sustainable Development
1007 Century St.
Winnipeg, MB, R3H 0W4
Cell: 204-945-8315
Fax: 204-945-1365

The Earth is Our Mother, Treat her With Respect. Paper is trees.

From: Steele, Tania (SD)
Sent: July-21-16 10:25 AM
To: Wilson, Brian (AGR); +WPG1212 - Conservation_Circulars (CWS); Labossiere, Don (SD); Molod, Rommel (SD); Kiss, Brian (SD); Meuckon, Cameron (SD); +WPG1212 - Parks Circulars (CWS); Keenan, Phil (SD); Missyabit, Ron (SD); Page, Elaine (SD); Phipps, Graham (SD); Matthews, Rob (SD); Reimer, Geoff P (SD); +WPG574 - HRB Archaeology (TCHSCP); Cunningham, Neil (SD); Roberecki, Susan (HSAL); Roberts, Tracy (HSAL); +WPG969 - MIT Environmental Services Section (MIT); Smiley, Donna (SD); Prawdzik, Tim (SD); Drimes, Daniel (SD); +STE1000 - Steinbach CRP (MMG); Nedotiafko, Rob (SD); Sobkowich, Dale (SD)
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Subject: Request for review/comment - St Pierre Jolys WWTL File 84.20

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Rob Boswick @ 204.945.6030

To: Boswick, Robert (SD)
Subject: RE: Request for review/comment - St Pierre Jolys WWTL File 84.20

No concerns.

Rob Matthews, Manager, WULS, SD

From: Steele, Tania (SD)
Sent: July-21-16 10:25 AM
To: Wilson, Brian (AGR); +WPG1212 - Conservation_Circulars (CWS); Labossiere, Don (SD); Molod, Rommel (SD); Kiss, Brian (SD); Meuckon, Cameron (SD); +WPG1212 - Parks Circulars (CWS); Keenan, Phil (SD); Missyabit, Ron (SD); Page, Elaine (SD); Phipps, Graham (SD); Matthews, Rob (SD); Reimer, Geoff P (SD); +WPG574 - HRB Archaeology (TCHSCP); Cunningham, Neil (SD); Roberecki, Susan (HSAL); Roberts, Tracy (HSAL); +WPG969 - MIT Environmental Services Section (MIT); Smiley, Donna (SD); Prawdzik, Tim (SD); Drimes, Daniel (SD); +STE1000 - Steinbach CRP (MMG); Nedotiafko, Rob (SD); Sobkowich, Dale (SD)
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Any comments you have on the Proposal should be emailed by **AUGUST 19, 2016**.

****No hard copies will be provided****

Thank you.

To: Boswick, Robert (SD)
Subject: Request for review/comment - St Pierre Jolys WWTL File 84.20
Attachments: Application for Licence to Construct Water Control Works.pdf

Any water control works (drains, culverts, dykes, dams, etc.) associated with this project will require licensing under the *Water Rights Act* – 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/officer_areas_of_focus_30mar2015.pdf

Sincerely,

Dan Roberts

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