

Subject: Dauphin River First Nation Facultative Lagoon

File: 5774.00

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

Public Comments on the Environment Act Proposal: no public comments were received during the public comment period.

Technical Advisory Committee Comments on the Environment Act Proposal:

- **Manitoba Conservation and Water Stewardship – Water Use Licensing Section, June 25, 2015**
- **Manitoba Conservation and Water Stewardship – Environment Compliance and Enforcement, June 26, 2015.**
- **Manitoba Conservation and Water Stewardship – Water Control Works and Drainage Licensing Section, June 29, 2015**
- **Office of the Fire Commissioner, June 30, 2015**
- **Manitoba Conservation and Water Stewardship – Parks and Protected Spaces, June 30, 2015**
- **Manitoba Conservation and Water Stewardship – Wildlife, July 2, 2015**
- **Manitoba Health, July 8, 2015**
- **Manitoba Conservation and Water Stewardship – Groundwater Management Section, July 9, 2015**
- **Manitoba Conservation and Water Stewardship – Forestry, July 9, 2015**
- **Manitoba Conservation and Water Stewardship – General Land Use, July 9, 2015**
- **Manitoba Infrastructure and Transportation – Highway Planning and Design Branch, July 13, 2015**
- **Manitoba Agriculture Food and Rural Development – Crops Branch, July 14, 2015**
- **Manitoba Conservation and Water Stewardship – Water Quality Management Section, August 6, 2015**

From: Matthews, Rob (CWS)

Sent: June-25-15 3:14 PM

To: Dey, Asit (CWS)

Subject: RE: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment
deadline: July 10, 2015***

No concerns.

Rob

PS – the ANA communities don't grow as fast as the FN communities, as assumed by the report writers. This is because some of the people in the ANA communities obtain their treaty card which allows them to live on the reserve and receive other benefits not available to them if they don't have the card. So over time a lot of people in the ANA communities have been able to establish their right to a treaty card. The end result is that people move from the ANA communities to the nearby FN communities.



Memorandum

DATE: June 26, 2015

TO: Asit Dey, Environmental Approvals Branch

FROM: Kurt G. Dorward
Environment Officer
Selkirk District Office

PHONE NO.: 204-785-0296

SUBJECT: Dauphin River EAP (5774.00) for Construction of Wastewater Treatment Lagoon

I have reviewed the Environment Act Proposal for the above-noted project and have the following comments:

The report accounts for future population growth.

The site selected for this development (Site 2) is appropriately located at a distance from Dauphin River, and in terms of elevation seems to have reasonable separation from the 100-year flood elevation sufficient to offer sufficient protection from possible floods.

Native soils offer materials that will facilitate construction.

The drainage route seems unnecessarily long, and runs along the existing ditch beside PR 513. The location of the connection between the drainage ditch and Dauphin River is not clear on the plan. There are several houses located in the area in which it would appear that the discharge would be made into the river.

Based on the submission by the proponent in application for a Crown Lands Permit for this site, the intention is to include a Waste Transfer Station at this location as well. Design must be confirmed to ensure that separate access for these two facilities does not conflict.

Please copy the writer on future correspondence on this matter.

Sincerely,

Kurt Dorward

From: [Roberts, Dan \(CWS\)](#)
To: [Dey, Asit \(CWS\)](#)
Subject: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: June-29-15 10:04:58 AM
Attachments: [Amended Comments - Crown Land General Permit No. 69868 - Pt NW 26 Pt NE 27-34-5 WPM - Comments due July 3.msg](#)
[Drainage Licence Application.pdf](#)

Hi Asit,

Attached are my comments for the General Permit related to the development of a lagoon on the proposed site, which are still relevant with respect to the *Environment Act License* – all water control works require licensing under the *Water Rights Act*. Additionally, and in consideration of the nature of the land in the area, that it is peat/marsh land that floods in close proximity to Lake Winnipeg, we recommend that the lagoon be flood proofed by design, if that has not already been considered. If you have any questions or concerns, please give me a call.

Sincerely,

Dan Roberts

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

From: [Kubish, Cheryl \(OFC\)](#)
To: [Dey, Asit \(CWS\)](#)
Subject: RE: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: June-30-15 11:01:26 AM

The Office of the Fire Commissioner has no concerns or comments.

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

From: [Roberge, Elvira \(CWS\)](#)
To: [Dey, Asit \(CWS\)](#)
Cc: [Kelly, Jason \(CWS\)](#); [Harms, Jenny \(CWS\)](#)
Subject: FW: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: June-30-15 12:01:33 PM
Importance: High

Parks and Protected Spaces Branch has reviewed the Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 comment deadline: July 10, 2015. The Branch has no comments or concerns as the proposal does not affect any provincial parks, park reserves, ecological reserves, areas of special interest, or proposed protected areas.

Elvira Roberge

Protected Areas Resource Planner
Parks and Protected Spaces
Manitoba Conservation and Water Stewardship
200 Saulteaux Crescent Box 53
Wpg MB, R3J 3W3
(204) 945-1942

Elvira.Roberge@gov.mb.ca

www.manitobaprotectedareas.com

 Please consider the environment before printing this e-mail

From: [Kiss, Brian \(CWS\)](#)
To: [Dey, Asit \(CWS\)](#)
Subject: RE: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: July-02-15 8:59:46 AM

No wildlife related concerns.

-Brian Kiss

From: [Frykoda, Amy \(HHLS\)](#)
To: [Dey, Asit \(CWS\)](#)
Subject: FW: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: July-08-15 3:49:44 PM
Importance: High

Hello

No further comments from myself,
Dr. Amy Frykoda, MD, CCFP, MSc
Medical Officer of Health
Manitoba Health
P.O. Box 960
Minnedosa, Manitoba R0J 1E0
ph: (204) 867-8730
fax: (204) 867-2239
email: amy.frykoda@gov.mb.ca
[Please consider the environment before printing this email](#)

From: Roberts, Tracy (HHLS)
Sent: June-25-15 2:44 PM
To: Frykoda, Amy (HHLS)
Subject: FW: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Importance: High

From: [Frost, Laurie \(CWS\)](#)
To: [Dey, Asit \(CWS\)](#)
Cc: [Phipps, Graham \(CWS\)](#)
Subject: RE: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: July-09-15 11:42:56 AM

In response to your request for comments on the Dauphin River First Nation Environmental Act Proposal for Wastewater Treatment lagoon Construction, the Groundwater Management Section is pleased to provide the following:

The selected site for the lagoon at NE27-34-5W is referenced as Site 2 in the geotechnical investigation report. Information from two test holes estimated the clay ranging in depth from 4.6 to 6.1 m (15 to 20 feet) below ground surface. The clay at this site is categorized as a silty, sandy clay and was observed to be fissured and containing silt inclusions. The hydraulic conductivity testing of a remolded clay soil sample determined a $k = 5.2 \times 10^{-7}$ cm/s, greater than the 1×10^{-7} cm/s which is required for an earthen liner. Based on these results, the geotechnical investigation report contained in Appendix C states "If site 2 is selected as the preferred site for the proposed wastewater lagoon, a detailed geotechnical investigation, encompassing the footprint of the site, would be required to confirm the soil stratigraphy, hydraulic conductivity and related soil characteristics at the site. Alternatively, a geosynthetic liner should be considered for this site".

As recommended in the geotechnical investigation report, a detailed geotechnical investigation should be carried out to ensure the proposed lagoon site and design meets guideline requirements for lagoon construction in Manitoba. This will help ensure an adequate protection of the local groundwater resources underlying and surrounding the proposed lagoon site.

It is recognized that the EAP proposal states that additional geotechnical testing is currently underway.

Regards,

Laurie Frost, M.Sc., P.Eng.
Hydrogeologist
Groundwater Management Section
Box 18, 200 Saulteaux Cresc.
Winnipeg, Manitoba R3J 3W3
P(204) 945-3737 F(204) 945-7419
e-mail Laurie.Frost@gov.mb.ca



From: [Kowalchuk, Sheldon \(CWS\)](#)
To: [+WPG1212 - Conservation Circulars \(CWS\)](#); [Dey, Asit \(CWS\)](#)
Cc: [Nedotiafko, Rob \(CWS\)](#); [Sobkowich, Dale \(CWS\)](#); [Harapiak, Tim \(CWS\)](#); [Roberts, Dave \(CWS\)](#); [Roberts, Dan \(CWS\)](#)
Subject: RE: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 Due Date July 8, 2015
Date: July-09-15 12:44:10 PM

Hi,

-

Attached are the comments from the Central Region.

Forestry

- There are no conflicts for PSP, TIS or plantations
- The majority of this area is classified as unproductive Black Spruce treed Muskeg
- The areas falls mostly within Canada Land Inventory Class 7 and minor amount within Class 4 containing White Spruce.
- Usage of timber will be assessed through Community Award, Quota Holder and/or Action prior to July 3 at the discretion of the Regional Forester.

There should not be any impacts to the forestry industry nor to the peat industry with this land transfer. Timber damage appraisal was calculated to reflect the loss of timber values was calculated to a cost of \$9,817.

Water Resources

- 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/areas_of_focus_jan_23_12.pdf

Wildlife

- The Central Region Wildlife Section has no concerns with the proposed development in the vicinity of Dauphin River First Nation.
- The only potential very minor issue is the removal of some land from the operating area of two of our bear outfitters. However, the fact that they are members of the community and likely support the development, I do not foresee any resistance from them.

General Land Use

- The EAP highlights that the peat from the construction of the lagoon needs to be disposed and there will also be peat from the road construction. Will the peat be salvaged or what is the disposal plan for this peat including where will it be hauled?
- If the clay on site is not sufficient for the construction of the lagoon what is the contingency plan regarding finding an alternate location?
- A Crown Land Work Permit or a Letter of Authorization will be required under the Approvals Section prior to any work commencing.

Thanks for the opportunity to provide comments.

Sheldon Kowalchuk

Regional Land Manager, Central Region

Parks and Regional Services Division
Manitoba Conservation and Water Stewardship
Box 6000, 75-7th Avenue
Gimli, MB ROC 1B0
Ph: 204-641-1176
Fax: 204-642-6150

From: +WPG1212 - Conservation_Circulars (CWS)
Sent: June-25-15 2:52 PM
To: Sobkowich, Dale (CWS); Kowalchuk, Sheldon (CWS)
Subject: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 Due Date July 8, 2015
Importance: High

*Central Region

Location: NE 27-35-05 WPM Gypsumville Manitoba

Your review and comment would be appreciated for the attached Environmental Assessment proposal submitted pursuant the attached EA proposal submitted pursuant to *Environment Act*.

The Lands Branch is in receipt of a proposed EA application for a First Nation Facutative Lagoon

<http://www.gov.mb.ca/conservation/eal/registries/5774dauphinriver/index.html>

Please review and provide me with your comments or concerns via e-mail by July 8, 2015

Please indicate our due date and subject information on your response.

A non-reply by the due date will be considered as indicating your area has no concerns and the file will be actioned accordingly



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

July 13, 2015

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

RE: Dauphin River First Nation - Facultative Lagoon
Client File No. 5774.00

Dear Ms. Braun:

MIT has reviewed the proposal under the *Environment Act* noted above and we offer the following comments:

- Under *The Highways and Transportation Act* permits are required from MIT for:
 - any new, modified or relocated access to a Provincial Road or Access Road;
 - any structures (including advertising signs, wells, septic fields, etc.) on, under or above the ground within the 38.1 meter (125 ft) Controlled Area adjacent to Provincial Roads;
 - discharging of water or other liquid materials into a ditch of a Limited Access Highway, Provincial Road or Access Road; or
 - placing any trees or plantings within 15.2 metres (50 feet) of the edge of right-of-way of a Limited Access Highway, Provincial Road or Access Road.
- An underground utility agreement will be required for any pipelines that will go under any Provincial Road (PR) or Provincial Trunk Highway (PTH).
- MIT West Central Region has concerns with the effluent discharge rate and how it would affect the drainage within the highway right-of-way. On July 7, 2015, MIT contacted JR Cousins Consultants Ltd (JRCC) to discuss concern and we were advised of the following:
 - The effluent will be released through a 200mm diameter pipe into an open ditch along the north side of the lagoon access. The discharge rate will have minimal effect to the existing drainage. The lagoon has been proposed to release once a year, preferably in the late fall (Sept/Oct) and expect the release to last approximately 2 weeks.

- Currently the PR ditch has been holding water and causes a concern with the existing standing water and the proposed effluent release. JRCC advised MIT that they will be submitting a proposal and part of that proposal is re-grading of the existing ditch to ensure there is proper drainage from the lagoon to the existing 900mm through-grade culvert in PR 513 into the Dauphin River.

For details on permit applications and underground utility agreements, please contact Ms. Cheri Percival, Regional Planning Technologist, at (204) 622-2377 or via email at Cheri.Percival@gov.mb.ca.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Coulter", written over a light blue horizontal line.

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

From: [Wilson, Brian \(MAFRD\)](#)
To: [Dey, Asit \(CWS\)](#)
Subject: RE: Request for EAP review/comment - Dauphin river FN - WWTL - File: 5774.00 ***comment deadline: July 10, 2015***
Date: July-14-15 1:04:08 PM

No concerns.

Brian Wilson
Brian.Wilson@gov.mb.ca
Soils Suitability Specialist
Crops Branch
Manitoba Agriculture, Food and Rural Development
Box 1149 #65 - 3rd Avenue NE
Carman, Manitoba R0G 0J0
(204) 750-3180
FAX (204) 745-5690

From: [Kennedy, Joy \(CWS\)](#)
To: [Dey, Asit \(CWS\)](#)
Subject: EAP 5774.00 Dauphin River First Nation
Date: August-06-15 2:51:09 PM

Hi Asit,

Thanks. No comments for this file.

Joy

Joy Kennedy
Water Quality Management Section
Manitoba Conservation and Water Stewardship
Suite 160, 123 Main Street, Winnipeg, Manitoba R3C 1A5
Tel: (204) 945-7908
Fax: (204) 948-2357