



Conservation and Water Stewardship

Climate Change and Environmental Protection Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg Manitoba R3C 1A5
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/conservation/eal

File: 5668.00

October 24, 2013

Daniel Burns, P.Eng.
Senior Engineer
BURNS MAENDEL CONSULTING ENGINEERS LTD.
1331 Princess Avenue
Brandon, MB R7A 0R4

Dear Mr. Burns:

Re: PTI Work Camp – Melita Wastewater Holding Tank System - Environment Act Proposal

The initial review of the Environment Act Proposal (EAP) regarding the PTI Work Camp – Melita Wastewater Holding Tank System has been completed.

The review has generated comments/requests for additional information. Please respond to the comments and requests from the Technical Advisory Committee (TAC) presented in the attached item being:

1. Memorandum from Water Science and Management Branch – Manitoba Conservation and Water Stewardship, dated October 23, 2013;
2. Letter from Prairie Mountain Health - Manitoba Health, dated October 21, 2013;
3. E-mail from Wild Life Branch, Manitoba Conservation and Water Stewardship, dated October 18, 2013;
4. E-mail from Environmental Compliance and Enforcement, Manitoba Conservation and Water Stewardship, dated October 17, 2013; and
5. Letter from Environmental Services Section, Highway Planning and Design Branch – Manitoba Infrastructure and Transportation, dated October 4, 2013;

Please address and respond to the comments and requests for additional information. The EAP review process will continue upon receipt of your response.

If you have any questions, please contact me at (204) 945-2614 or by e-mail at Rafiqul.Chowdhury@gov.mb.ca.

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Yours truly,



Rafiqul Chowdhury, M.Eng., P.Eng
Environmental Engineer

Attachment

- c. **Tim Prawdzik, Provincial Manager, Environmental Compliance and Enforcement Branch
Public Registries**



DATE: October 23, 2013

Memorandum

TO: Rafiqul Chowdhry
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: 5669.00 PTI GROUP INC
COLLECTION HOLDING AND TRANSPORT OF SEWAGE TO
PIERSON LAGOON AND RESTON LAGOON FACILITIES, TOWN OF
MELITA**

- The proposal states that the proposed development is to occur on the W 1/2 6-4-26. The Certificates of Title in Appendix A indicate NW 6-4-26.
- The conditional use order resolution #2012-029 from the Town of Melita states that the proponent has permission for a 240 man camp (Appendix B). The proposal states that the design capacity of the holding tank is for 254 workers plus 20 additional local people, and with the ability to increase to 326 people in the future (page 1).
- The design volume of wastewater is 18,330 US gal/day. The proposal states that daily hauling will take place to accommodate the design load. The proponent must ensure that they have permission from enough lagoons to dump the daily hauls taking place to accommodate the design load.
 - The executive summary states that the sewage will be treated at the Pierson and Reston Lagoon facilities. Page 6, section 5.3.2 of the proposal states that the treatment of sewage will take place at the Pierson and Reston Lagoon facilities.
 - Appendix B August 21, 2013 letter from Lisa Pierce regarding the Pierson Lagoon facility appears to indicate that they will accept a maximum of 6,600 imperial gal/day or 7926 US gal/day.
 - Appendix B September 5, 2013 letter from June Greggor regarding the Reston Lagoon appears to indicate that they will accept a maximum of 8,000 US gal/day.

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- Page 6 of proposal states that further approval is also being sought to dispose of 6,000 gal/d of sewage at the Deloraine lagoon facility in the RM of Winchester. If there are any further concerns about capacity, there is room for sewage disposal at the Hartney lagoon facility and the Souris WWTP.

Joy Kennedy



**PRAIRIE MOUNTAIN HEALTH
SANTÉ PRAIRIE MOUNTAIN**

Dr. Amy Frykoda
Medical Officer of Health
P.O. Box 960, 334 -1st St SW, Minnedosa,
Manitoba, R0J 1E0
T 204 867-8730 F 204 867-2239
E amy.frykoda@gov.mb.ca

October 21st, 2013



Rafiqul Chowdhury
Conservation and Water Stewardship
Environmental Approvals Branch
123 Main Street, Suite 160
Winnipeg, Manitoba, R3C 1A5
Email: rafiquul.chowdhury@gov.mb.ca

Dear Rafiqul Chowdhury:

**Re: Environment Act Proposal
PTI Premium Camp Services Ltd. – Melita Wastewater Holding Tank System – File: 5668.00**

I have reviewed the proposal and have the following general comments, please ensure:

1. Odour control and monitoring.
2. Any discharge of effluent is in compliance with Manitoba Environment's guidelines.
3. Ongoing reporting and appropriate disposal of all hazardous wastes.
4. Leachate, soil and groundwater monitoring.
5. Containment design provides the best possible groundwater protection for the area.
6. Prevention of pollutant or contaminated wastewaters from entering sewage disposal and municipal ditch systems.
7. Fencing, gates, and warning signs included to ensure public safety, in case of unsupervised public access to the development.

Sincerely,

"Original Signed By"

Dr. Amy Frykoda, MD, CCFP, MSc
Medical Officer of Health
Prairie Mountain Health

cc Dr Susan Roberecki, Medical Lead – Environmental Health, Manitoba Health

From: Boissonneault, Caroline (CWS)
Sent: October-18-13 11:59 AM
To: Chowdhury, Rafiqul (CWS)
Subject: RE: Review and comments due Oct. 18- PTI Camp Services - Melita 5668

Rafiqul:

The following comments from the Wildlife Branch are in addition to this morning's email on EA license review for file 5668.

The following concerns pertain to Section 4.1 where the proponent indicates that the plant life consists of common grasses. WB would like to know which grasses those are. If the land had been previously cultivated or disturbed then those grasses are likely Kentucky Blue Grass, Quack Grass and Smooth Brome. However if the common grasses consist of native grasses like Needle Grass or Blue Grama grass, we would be concerned that the location could have remnant prairie. WB would like the proponent to please clarify this.

Also, it seems that the proponent has possibly missed potential wildlife conflicts by saying the area is built up therefore there isn't wildlife. WB would like to see some indication that they looked for signs of wildlife. Birds, deer and small animals like frogs can use areas around development and we would like to see them properly addressed here.

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

From: Boissonneault, Caroline (CWS)
Sent: October-18-13 11:02 AM
To: Chowdhury, Rafiqul (CWS)
Subject: FW: Review and comments due Oct. 18- PTI Camp Services - Melita 5668

Rafiqul:

The Wildlife Branch had the following comments on file no. 5668, PTI Camp Services in Melita:
The proponent should be aware that Great Plains Toad, a species protected under the Endangered Species Act, has been recorded NW 6-4-26W.
Also, the proponent should prepare a plan in case Great Plains Toads are found during construction. The Wildlife Branch would like to review this plan once it is made.

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

From: Deb, Apurba (CWS)
Sent: October-17-13 11:16 AM
To: Chowdhury, Rafiqul (CWS)
Subject: Proposal of PTI premium camp services, Melita

We noted that the PTI camp services authority already accepted clearance from RM of Edward and Pipestone Municipality. We request the Burns Maendal Consulting to take precautionary approach and make sure that the maximum design limit for these proposed lagoons (Pierson, Reston) are not exceeded. We are also OK with Deloraine lagoon and Souris WWTP. However we have to make sure that in case of Hartney, the cut-off in the primary cell embankment linking to secondary cells is closed as it allows untreated sewage to run directly to secondary. Prior to that Hartney lagoon should not be accepting additional sewage loads.

Thanks

Apurba K. Deb
Environment Officer- Western Region
Environmental Compliance and Enforcement
Climate Change and Environmental Protection Division
Manitoba Conservation and Water Stewardship
1129 Queens Avenue, Brandon, Manitoba, Canada R7A 1L9
Tel. 204-726-6032, Fax. 204-726-6567
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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

October 4, 2013

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

RE: PTI Camp Services
Client File No. 5668.00

Dear Ms. Braun:

MIT has reviewed the Environment Act Proposal from PTI Group Inc. for the construction of a 10 year temporary work camp, and associated sewage collection and disposal, and has the following comments:

- The proposed project may require access to PTH 3 and/or PTH 83. As such, the proponent should be informed that, under the Highways Protection Act, any new, modified or relocated access connection onto a PTH, including any change in use, will require a permit from Highway Traffic Board.
- A permit may also be required for any construction, above or below ground level, within 38.1 m (125 ft) controlled area or 152.4 m (500ft) controlled circle or for any plantings within 15.2 m (50 ft) from the edge of the right of way of PTH 3 and PTH 83.
- Permit applications can be obtained by contacting Ashley Beck at (204) 726-7000 or by email at Ashley.Beck@gov.mb.ca.
- The proposed project may also require a Drainage Study and a Traffic Impact Study to determine if any on-highway improvements are required.

If further information is required, please contact Brian Hickman, Regional Planning Technologist, at (204) 726-6822.

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

Sincerely,

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