

From: Gisele Smith <smithg@pinawa.com>
Sent: Wednesday, October 30, 2013 1:58 PM

To: Bunn, Jason Cc: 'Jenny Petersen'

Subject: RE: Pinawa Lagoon [G# 101-15463-01 / 10-023-00]

Hi Jason,

The land use designation for the Pinawa Lagoon land is "Industrial" and the Zoning is "Waste Disposal-Industrial".

Regards,

Gisèle Smith, CMMA

Assistant Resident Administrator LGD of Pinawa

Ph: (204) 753-5100
Fax: (204) 753-2770
PINAWA
MANITOBA CANADA

From: Schwartz, Todd <Todd.Schwartz@dfo-mpo.gc.ca>

Sent: Tuesday, October 16, 2012 2:08 PM

To: Liliya Chunderova Cc: Kansas, Ken (MWS)

Subject: RE: Habitat Type and Fish Presence Information Request, L.G.D. of Pinawa Lagoon

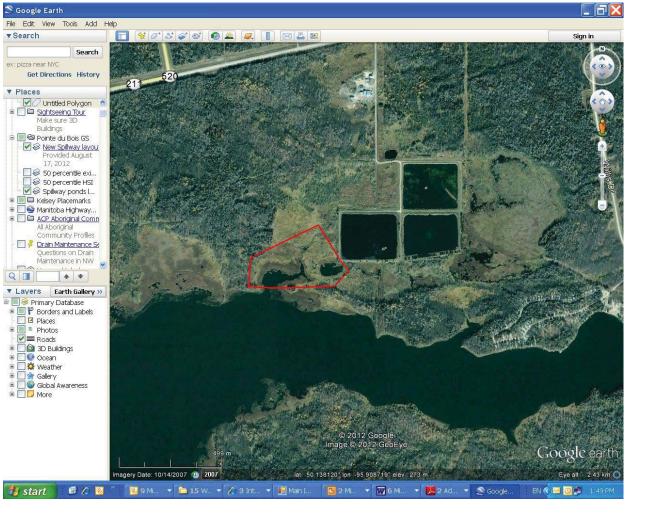
Hi Liliya,

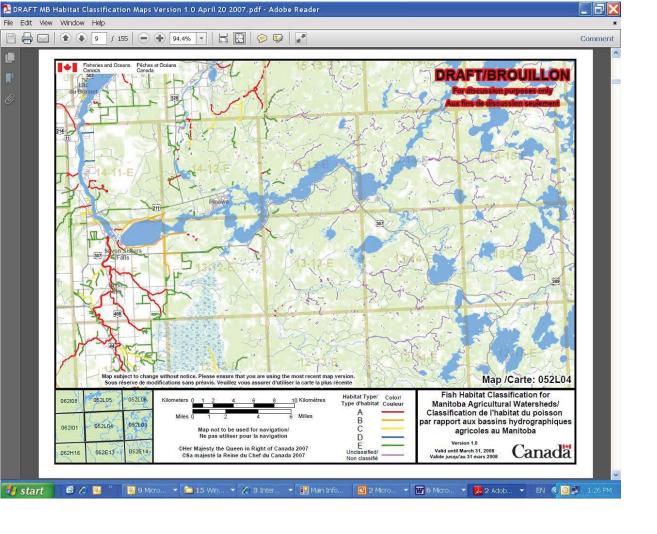
The Draft fish habitat maps are attached. The designated drains from the lagoons are listed as Type E (indirect fish habitat) however the receiving water would be Type A (complex with indicator species).

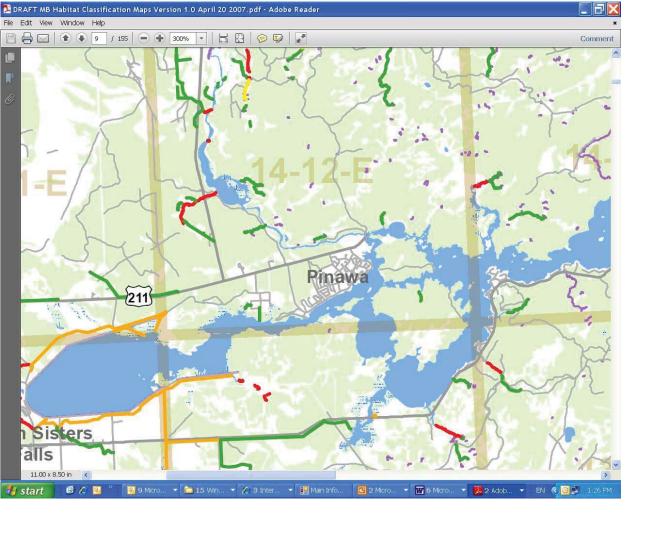
I have seen several lagoons located close to a major water body like this and they almost always attract fish to them when they are spilling, and frequently cause fish kills when they release anoxic water. It is very likely that northern pike are attracted to the area outlined in Red in the Google Earth photo in the spring to spawn. If anoxic or otherwise toxic water is released then there is a high probability of killing adults, eggs and/or larval fish in this area.

To mitigate the most common effects, keep the discharge water high in Dissolved Oxygen. If necessary continuously aerate the water as it is leaving the lagoon. Try to avoid discharges during spring spawning periods (April 1 to June 15) when fish are most likely to be attracted into this area. Monitor the little bay receiving the water for problems with oxygen levels or fish kills, and modify your discharge plans to minimise your effects.

Ken Kansas is the provincial fisheries manager for the area, and he may have some other comments and local knowledge to share.







Todd Schwartz

Telephone/ Téléphone: 204 983-4231 Facsimile / Télécopieur: 204 984-2402

Email / Courriel: Todd.Schwartz@dfo-mpo.gc.ca

Biologiste, Habitat du poisson Fish Habitat Biologist.

Manitoba District. District du Manitoba Winnipeg Office. Bureau de Winnipeg

Région du Centre et de l'Arctique Central and Arctic Region.

Fisheries and Oceans Canada. Pêches et Océans Canada 501 University Crescent. 501 University Crescent Winnipeg, MB R3T 2N6. Winnipeg (Manitoba) R3T 2N6 Government of Canada. Gouvernement du Canada

For more information on Fish and Fish Habitat and DFO Reviews Visit our Website Oceans and Fish Habitat http://www.dfo-mpo.gc.ca/oceans-habitat/index_e.asp

From: Liliya Chunderova [mailto:Liliya.Chunderova@genivar.com]

Sent: 2012-October-11 5:04 PM

To: Schwartz, Todd

Subject: Habitat Type and Fish Presence Information Request, L.G.D. of Pinawa Lagoon

Hello Todd,

I'm preparing an EAP for the L.G.D. of Pinawa regarding their lagoon expansion located in NE 5-14-12 EPM. The discharge route of the lagoon will remain unchanged; the proposed secondary cell will discharge into the Winnipeg River as well as the existing secondary cells. Please provide habitat type and fish presence for this route. (See attached map).

Thank you.

Sincerely, Liliya Chunderova



Liliya Chunderova, C.E.T., EIT (PEO) Environmental Process Designer

GENIVAR INC.

10 Prairie Way, The Waters Business Park, Winnipeg (Manitoba) R2J 3J8 T 204-477-6650 ext 11010 | www.genivar.com

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Memorandum

DATE: November 6, 2012

TO: Liliya Chunderova

Genivar

Suite 600-5 Donald Street

Winnipeg MB

FROM: Gordon Hill

Impact Assessment Archaeologist Historic Resources

Branch

Main Floor 213 Notre

Dame Avenue Winnipeg MB R3B 1N3

PHONE NO: (204) 945-7730

SUBJECT: HERITAGE RESOURCES YOUR FILE:

WASTEWATER TREATMENT LAGOON EXPANSION LGD PINAWA NE 5-14-12 EPM

In response to your memo regarding the above-noted proposed project, I have examined Branch records for areas of potential concern. The potential to impact significant heritage resources is low, and, therefore, the Historic Resources Branch has no concerns with the project.

If at any time however, significant heritage resources are recorded in association with these lands during development, the Historic Resources Branch may require that an acceptable heritage resource management strategy be implemented by the developer to mitigate the affects of development on the heritage resources.

If you have any questions or comments, please contact me at 945-7730.

C. Gordon Hill

From: Little, Karen (CLPA) <Karen.Little@gov.mb.ca>
Sent: Wednesday, October 17, 2012 10:48 AM

To: Liliya Chunderova

Subject: RE: Mineral Rights Information Request - L.G.D. of Pinawa

Attachments: SCN_LGD of Pinawa - Lagoon Expansion.pdf

Good morning Liliya. I have reviewed your location map and the Certificate of Titles and provide the following information:

Certificate of Title # 2405515/1 $^{\sim}$ Parcel A Plan 9199 WLTO Exc all mines and minerals other than gravel which may be found in, upon or under the said land in E $\frac{1}{2}$ 5-14-12 EPM. The Crown owns the mines & minerals. The sand & gravel is with the surface title.

Certificate of Title $2415771/1 \sim Parcel 1 Plan 8587 WLTO Exc all mines and minerals other than gravel which may be found in, upon or under the said land in sections 4 and 5-14-12 EPM. The Crown owns the mines & minerals. The sand & gravel is with the surface title.$

I attach for your quick reference a copy of Plan 9199 WLTO showing the general area. I've marked the mineral ownership on these parcels as:

M&M = Mines & Minerals S&G = Sand & Gravel C = Crown L = Local Government District

Sincerely,

Karen Little

Supervisor of Crown Lands Registry Crown Lands and Property Agency 308 - 25 Tupper Street North Portage la Prairie MB R1N 3K1 P (204) 239-3805 F (204) 239-3560 Toll Free 1-866-210-9589 karen little@gov.mb.ca



An Agency of MB Infrastructure and Transportation

From: Liliya Chunderova [mailto:Liliya.Chunderova@genivar.com]

Sent: October-15-12 3:22 PM To: Little, Karen (CLPA)

Subject: RE: Mineral Rights Information Reguest - L.G.D. of Pinawa

Hello Karen.

As per your request, I am sending the Certificates of Title for the proposed L.G.D. of Pinawa lagoon expansion area. Please see the attached file.

Thank you!

Sincerely, Liliya Chunderova



Liliya Chunderova, C.E.T., EIT (PEO)

Environmental Process Designer GENIVAR INC.

10 Prairie Way, The Waters Business Park, Winnipeg (Manitoba) R2J 3J8

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From: Little, Karen (CLPA) [mailto:Karen.Little@gov.mb.ca]

Sent: Friday, October 12, 2012 9:26 AM

To: Liliya Chunderova

Subject: RE: Mineral Rights Information Request - L.G.D. of Pinawa

Good morning Liliya, could you please forward to me a sketch of the lagoon expansion.. Also a copy of the current Certificate of Title. There is private land and park land designations in this ¼ section. Upon receipt I'll review the ownership of the under-rights. Thanks.

Karen Little

Supervisor of Crown Lands Registry

Crown Lands and Property Agency 308 - 25 Tupper Street North Portage la Prairie MB R1N 3K1 P (204) 239-3805 F (204) 239-3560

Toll Free 1-866-210-9589

karen.little@gov.mb.ca



An Agency of MB Infrastructure and Transportation

From: Liliya Chunderova [mailto:Liliya.Chunderova@genivar.com]

Sent: October-11-12 5:13 PM To: Little, Karen (CLPA)

Subject: Mineral Rights Information Request - L.G.D. of Pinawa

Hello Karen,

I'm working on an EAP for the L.G.D. of Pinawa regarding their lagoon expansion and require the mineral rights designation for NE 5-14-12 EPM. I would greatly appreciate your information before November 11, 2012.

Sincerely, Liliya Chunderova



Liliya Chunderova, C.E.T., EIT (PEO)
Environmental Process Designer
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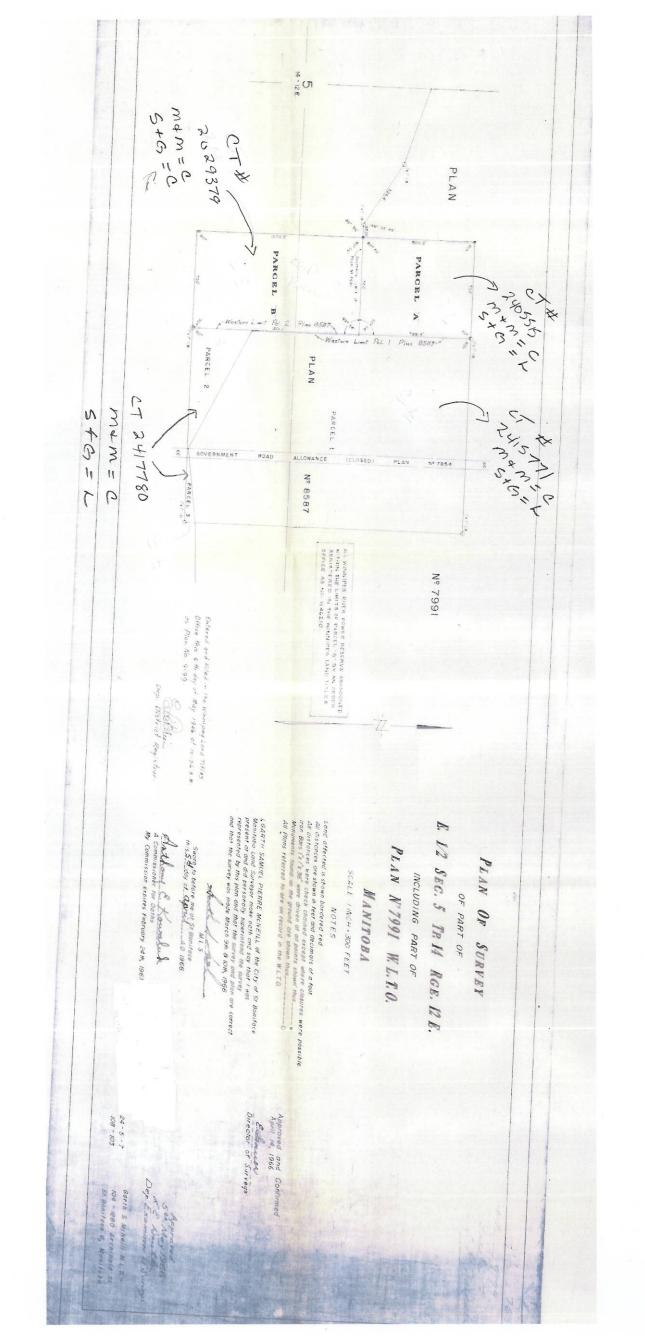
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From: Friesen, Chris (CON) < Chris.Friesen@gov.mb.ca>

Sent: Monday, October 15, 2012 12:54 PM

To: Liliya Chunderova

Subject: RE: A Listing of Rare Species Request - NE 5-14-12 EPM

Liliya

Thank you for your information request. I completed a search of the MB Conservation Data Centre rare species database which resulted in the following (historical) occurrence:

Yellow Rail (Coturnicops noveboracensis) - S3S4, SARA: Special Concern, COSEWIC: Special Concern

Further information on this ranking system can be found on our website at http://www.gov.mb.ca/conservation/cdc/consranks.html and these designations can be found at http://www.cosewic.gc.ca/ and http://www.sararegistry.gc.ca/default_e.cfm.

The information provided in this letter is based on existing data known to the Manitoba CDC of the Wildlife and Ecosystem Protection Branch at the time of the request. These data are dependent on the research and observations of our scientists and reflects our current state of knowledge. **An absence of data does not confirm the absence of any rare or endangered species.** Many areas of the province have never been thoroughly surveyed, however, and the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. The information should, therefore, not be regarded as a final statement on the occurrence of any species of concern nor should it substitute for on-site surveys for species or environmental assessments. Also, because our Biotics database is continually updated and because information requests are evaluated by type of action, any given response is only appropriate for its respective request.

Please contact the Manitoba CDC for an update on this natural heritage information if more than six months passes before it is utilised.

Third party requests for products wholly or partially derived from the Biotics database must be approved by the Manitoba CDC before information is released. Once approved, the primary user will identify the Manitoba CDC as data contributors on any map or publication using data from our database, as the Manitoba Conservation Data Centre; Wildlife and Ecosystem Protection Branch, Manitoba Conservation.

We would be interested in receiving a copy of the results of any field surveys that you may undertake, to update our database with the most current knowledge of the area.

If you have any questions or require further information contact me directly at (204) 945-7747.

Chris Friesen
Biodiversity Information Manager
Manitoba Conservation Data Centre
204-945-7747
chris.friesen@gov.mb.ca
http://www.gov.mb.ca/conservation/cdc/

From: Liliya Chunderova [mailto:Liliya.Chunderova@genivar.com]

Sent: October-11-12 4:29 PM To: Friesen, Chris (CON)

Subject: A Listing of Rare Species Request - NE 5-14-12 EPM

Hello Chris,

I'm preparing an EAP for the L.G.D. of Pinawa regarding their lagoon expansion located in NE 5-14-12 EPM (see attached map). Please provide a listing of rare species for the identified area. I would greatly appreciate your information before November 11/12.

Sincerely, Liliya Chunderova



Liliya Chunderova, C.E.T., EIT (PEO)
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From: Butterfield, Tamara (MWS) <Tamara.Butterfield@gov.mb.ca>

Sent: Monday, November 05, 2012 12:43 PM

To: Liliya Chunderova

Cc: Dey, Asit (MWS); Matthews, Rob (MWS)

Subject: FW: Licensed Water Users Information Request, L.G.D. of PinawaLagoon

Attachments: Pinawa Lagoon Discharge Route Map.pdf

Liliya,

I am responding to your request about licensed user's on the route shown on the attached map.

I have checked our database and there are no licensed users shown on the route you indicated.

Please note, that we do not licence a project if the water use associated with the project falls within the domestic exemption category (< 25 000 Litres/day). Consequently, we would not have any records of domestic users on the sections of interest.

If you have any questions please feel free to call or email me.

Cheers,

Tamara

Ph. 204-945-7431 Fax. 204-945-7419

From: Liliya Chunderova [mailto:Liliya.Chunderova@genivar.com]

Sent: October-11-12 5:09 PM

To: Dey, Asit (MWS)

Subject: Licensed Water Users Information Request, L.G.D. of Pinawa Lagoon

Hello Asit,

I'm preparing an EAP for the L.G.D. of Pinawa regarding their lagoon expansion located in NE 5-14-12 EPM. The discharge route will remain unchanged; the proposed secondary cell will discharge into the Winnipeg River as well as the existing secondary cells. Please provide the licensed water users for this route. (See attached map).

Thank you.

Sincerely, Liliya Chunderova



Liliya Chunderova, C.E.T., EIT (PEO)
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L.G .D. of Pinawa Lagoon Discharge Route Location Map

