

Mak, Jay

From: Mak, Jay
Sent: June 30, 2023 2:51 PM
To: Bruce Shewfelt
Cc: Russell Jonk; David Whetter
Subject: Swansfleet Alliance - Irrigation Project (6173.00)
Attachments: AAS-22-20132_MECP-EAB_6173.00.pdf; HRIA Process Flowchart.pdf; HRB Heritage Consultants List updated March 2023.pdf; Basic HRPP Guidelines Key Questions and Protocols to Consider_V2.zip; FactSht_f (2)Human Remains.zip

Good afternoon Bruce,

We received 11 Technical Advisory Committee (TAC) comments on the Swansfleet Alliance irrigation project (6173.00). No public comments were received during the public comment period. Majority of the TAC comments were “no concerns”. The comments will be available on the public registry soon at <https://www.gov.mb.ca/sd/eal/registries/6173/index.html>. Please let me know if you have any questions.

TAC members identified one or more wetlands in the development area that could affect the proposal. Could you identify the wetlands and their classification in the development area? You may hire a wetland expert to do an assessment of wetlands or perform your own assessment.

I have included several comments below from the TAC members for information purposes only. Please contact the respective departments if you need further clarifications.

1. Drainage and Water Rights Licensing Branch

- a) In 2.2.6 of the report, a separate application must be made to Manitoba Environment and Climate for the tile drainage permit(s) to allow for the improved drainage of the irrigated fields in Section 8-9-9 W1
- b) Under the Drainage of Canada Land Inventory (CLI) Soil Capability for Agriculture (1965) Class 6 and 7 and unimproved organic soils cannot be approved for drainage (this includes the installation of tile drainage). It has been determined there works proposed on Class 6 soils and the onus is on the applicant to demonstrate that the area being drained is not class 6 as substantiated with a pedologist’s report.
- c) Authorization cannot be provided for works that will result in the loss or alteration of a Class 4 or Class 5 wetland; please note that the proposed irrigation pivot track looks to go through a minimum Class 4 wetland in NW 8-9-9w1.
 - If you wish to perform your own assessment, I suggest Agrimaps: [Manitoba Agriculture | Province of Manitoba \(gov.mb.ca\)](https://www.gov.mb.ca/agriculture/). It’s a valuable online tool that you can use to make an initial assessment of the soils and their agricultural capability, which can provide base information regarding the likelihood of there being wetlands on the property. Gleyed, or Gleysolic soils are a very strong indicators of whether or not wetlands exist in a given area, along with the presence of certain types of wetland vegetation. Please follow the link below for more information: [Environment, Climate and Parks | Province of Manitoba \(gov.mb.ca\)](https://www.gov.mb.ca/environment/)
 - Or more specifically, to the Water Rights Regulation, there are definitions and descriptions of each type of wetland, and other relevant information at: [Water Rights Regulation, M.R. 126/87 \(gov.mb.ca\)](https://www.gov.mb.ca/water-rights/)
- d) Should you have any further inquires, feel free to contact your local water resource officer or drainage@gov.mb.ca

2. Manitoba Transportation and Infrastructure

- a) MTI would like to advise that, when the irrigation pivots are installed in section 8-9-9WPM. That they are placed/set in a manner that the spray from the irrigation system does not reach the road surface of Provincial Road (PR) 242.
- b) If construction activities require the need to construct a new access, modify an existing, intensify its use or relocate an existing access connection onto PR 242, the proponent should be informed that, under the Transportation Infrastructure Act, a permit will be required from Manitoba Transportation and Infrastructure (MTI). A permit may also be required for:
 - a. Any construction (above or below ground level) within 38.1 m (125 ft) from the edge of right-of-way of PR 242;
 - b. Any plantings within 15.2 m (50 ft) from the edge of right-of-way of PR 242;
 - c. Discharge of water or other liquid materials into the ditch of PR 242.

Permit applications and information can be obtained at the following link: <https://www.gov.mb.ca/mit/hpd/permits.html>.

- c) For any Utility Installations within the right-of-way of PR 242, the proponent should be informed that, under the Transportation Infrastructure Act, a permission/agreement will be required from MTI before works may commence.

Permission/agreement applications and information can be obtained at the following link: <https://www.gov.mb.ca/mit/hpd/utilities.html>.

- d) We note that there are 4 existing access connections to PR 242 from this property. We would like to see the landowner remove some of the accesses. If this is possible, we would waive the permit fee for the removals. Is this something that can be added to as condition of the licence?

3. Historic Resources Branch

- a) Require a Heritage Resource Impact Assessment by a qualified archaeological consultant and a Heritage Resource Protection Plan for encountering heritage resources. See attachments for details.

Sincerely,

Jay Mak, M.Sc., P.Eng.

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To report an environmental emergency, please call the 24/7 Emergency Response Line at 204-944-4888 or 1-855-944-4888.

Facts are key in the fight against COVID-19, visit [Manitoba.ca/covid-19](https://www.manitoba.ca/covid-19)