

**Subject: Swansfleet Alliance – Irrigation Project****File: 6173.00**

The following material can be posted on the public registry for the above project:

**Public comments on Environment Act Proposal**

- No public comments received during the public comment period

**Technical Advisory Committee comments on Environment Act Proposal:**

No	Technical Advisory Committee Member	Response Provided	Response Date
1	Manitoba Environment and Climate		
	Environmental Approvals: Energy Program Air Quality Management Environmental Compliance and Enforcement Branch Office of Drinking Water Drainage and Water Rights Licensing Branch	No concerns No response No concerns No concerns See below	April 14, 2023  April 4, 2023 March 15, 2023 April 11 & June 28, 2023
	Water Science and Watershed Management Branch: Water Quality Management Section Groundwater Management Section Climate Change and Clean Technology	No response No response No response	
2	Manitoba Agriculture – Land Use and Ecosystem Resilience	No response	
3	Manitoba Natural Resources and Northern Development		
	Parks Branch	No concerns	March 14, 2023
	Wildlife Branch	No response	
	Fisheries Branch	No response	
	Forestry and Peatlands Branch	No concerns	March 20, 2023
	Lands Branch	No response	
	Mines	No concerns	March 14, 2023
	Petroleum	No concerns	March 24, 2023
4	Manitoba Sport, Culture, and Heritage – Historic Resources Branch	See below	April 24, 2023
5	Manitoba Municipal Relations - Community Planning Branch	No response	
6	Manitoba Transportation and Infrastructure – Environmental Services Branch	See below	April 17, 2023
7	Regional Health Authority	No concerns	March 29, 2023
8	Impact Assessment Agency of Canada	No response	

DATE: June 28, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Tamara Butterfield  
Senior Licensing Technologist  
Drainage and Water Rights  
Licensing

PHONE NO.: 204-918-6273

EMAIL: Tamara.Butterfield@gov.mb.ca

SUBJECT: Swansfleet Alliance – Irrigation Project - File: 6173.00

I have reviewed Swansfleet EA proposal, the Water Use Licensing Section within the Drainage and Water Rights Licensing Branch has no concerns with the project. An application has been submitted for the allocation and the proponent is in good standings with the scope of the project based on the allocation amount.

Thanks,

Tamara

DATE: June 28, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Archaeological Assessment  
Services Unit  
Historic Resources Branch  
Main Floor – 213 Notre Dame Ave  
Winnipeg, MB R3B 1N3

PHONE NO.: 204-945-2118

EMAIL: [HRB.archaeology@gov.mb.ca](mailto:HRB.archaeology@gov.mb.ca)

SUBJECT: Swansfleet Alliance – Irrigation Project - File: 6173.00

Concerns:

Further to your e-mail regarding the above noted application, the Manitoba Historic Resources Branch (HRB) has examined the locations in conjunction with Branch records for areas of potential concern. Notably, there are concerns with the current proposed plan to impact potential heritage resource sites. The proposed water pipelines and irrigated fields are in close proximity to elevated terrain along the Assiniboine River. The Assiniboine, and the tributaries that form its watershed, have a number of known archaeological sites along and near the margins, including large Pre-European contact Indigenous campsites, Bison Kill sites, Fur Trade Posts, and Pre-European contact and Historic burial locations. These factors, to name a few, suggest that any planned development within the area has the potential to impact heritage resources, therefore, the Historic Resources Branch has concerns with the project at this time.

Legislation

Under Section 12(2) of The Heritage Resources Act (the Act), if there is reason to believe that heritage resources or human remains upon or within or beneath lands are likely to be damaged or destroyed by any work, activity, development or project, then the Minister may require a proponent to apply for a heritage permit and conduct at his/her own expense, a heritage resource impact assessment (HRIA) and mitigation, prior to the project's start. As per sections 46 and 51 of the Act, there is an obligation to report any heritage resources and a prohibition on destruction, damage or alteration of said resources. A copy of this legislation can be found at this address:

<https://web2.gov.mb.ca/laws/statutes/ccsm/h039-1e.php>

A Heritage Resource Impact Assessment (HRIA) is an assessment showing the impact that proposed work is likely to have upon heritage resources or human remains. HRIAs must be conducted by a qualified archaeological consultant under a heritage permit. Please find attached a flow chart outlining the general process of an HRIA.

HRIA Expectations

1. Systematic pedestrian survey and judgemental shovel testing of the water pipeline route and water intakes based on in-field observations and assessment of footprint, to identify the presence and extent of heritage resources along these routes and to determine if further mitigation is required, within the following sections:

- a. 18-09-09-W1
- b. 08-09-09-W1

2. If the identified irrigation fields require ground disturbance (i.e. native vegetation clearing, slope modification and landscape leveling, etc.) in order to facilitate the installation and operation of the centre pivot irrigation systems, then an HRIA will be required for the areas in which this ground disturbing activities will occur. Subsurface testing and pedestrian survey will be expected for these areas in following quarter-sections if this is to occur:

a. NW-08-9-9-W1

#### Other Recommendations

Please Implement an HRPP.

We recommend a heritage resource protection plan (HRPP) be included in planning and construction in the event heritage resources (including human remains and palaeontological resources) are accidentally encountered. The HRPP consists of operational procedures to limit damage or destruction of heritage resources accidentally found during site work. This document assists informing managers, employees, contractors on what to do and whom to call should heritage resources accidentally be encountered when testing and development is underway on site.

Please find attached an archaeological consultants' list for reference, a Heritage Resources Protection Plan (HRPP) template that proponents/contractors/operators can use as a guide, as well as a fact sheet outlining the legal provisions involving found human remains. Due diligence should be conducted in order to assess quotes, services, and timelines. If you have any questions, please contact as above for proper assignment and queueing.

Historic Resources Branch  
Archaeological Assessment Services Unit

Enclosed:

Heritage Consultants List

HRIA Process Flowchart

Heritage Resource Protection Plan Template Provisions regarding human remains

DATE: April 17, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: MTI Environmental  
Services Section

PHONE NO.: 204-945-2369

EMAIL: MITEnviServices@gov.mb.ca

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**Western Regional Operations:**

1. 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.
2. 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>.

3. 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>.

**Roadside Development:**

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?

Thank you very much for the opportunity to review and comment.

DATE: April 14, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Shiromi Amarakoon  
Water Power Licensing  
Technologist  
Land Use, Waste Management &  
Energy Section  
Environmental Approvals Branch  
Environment and Climate

PHONE NO.: 204-945-4512

EMAIL: [Shiromi.amarakoon@gov.mb.ca](mailto:Shiromi.amarakoon@gov.mb.ca)

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The proposed project is not in an area of waterpower interest. I do not have any further comments on the proposal.

DATE: April 11, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Ingrid Rothnie  
Water Resource Officer  
Environment and Climate

PHONE NO.: 204-841-3862

EMAIL:

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- In reference to 2.2.6 of the Report, a separate application must be made to Manitoba Environment, Climate and Parks for the tile drainage permit(s) to allow for the improved drainage of the irrigated fields in Section 8-9-9 W1
- 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.
- 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 8-9-9w .

DATE: April 04, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Mariah Whiter  
Environmental Compliance and  
Enforcement Branch  
Environment and Climate  
309 – 25 Tupper Street N.  
Portage La Prairie, MB, R1N 3K1

PHONE NO.: 431-355-0261

EMAIL: [Mariah.Whiter@gov.mb.ca](mailto:Mariah.Whiter@gov.mb.ca)

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Environmental Compliance and Enforcement has reviewed the Environment Act Proposal and no concerns at this time.



DATE: March 29, 2022

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Dr. Anna Johnston, BSc, MD, MPH,  
Medical Officer of Health  
Manitoba Health/Prairie Mountain  
Health

PHONE NO.: 204-471-9395

EMAIL:

SUBJECT: Swansfleet Alliance – Irrigation Project - File: 6173.00

Thanks for the opportunity to review the Swansfleet Alliance irrigation Environment Act Proposal.

I have no concerns.

Anna

DATE: March 24, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Leonardo Leonen  
Mining, Oil and Gas  
Petroleum Engineer, Economic  
Development, Investment and  
Trade

PHONE NO.: 204-945-6570

EMAIL: [Leonardo.leonen@gov.mb.ca](mailto:Leonardo.leonen@gov.mb.ca)

SUBJECT: Swansfleet Alliance – Irrigation Project - File: 6173.00

There are no known petroleum deposits and oil/gas infrastructure in the area.  
Petroleum Branch has no concerns.

Leo

DATE: March 20, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Marianne Porteous  
Manager, Planning and  
Development, Natural Resources  
and Northern Development

PHONE NO.: 204-793-4109

EMAIL: Marianne.Porteous@gov.mb.ca

SUBJECT: Swansfleet Alliance – Irrigation Project - File: 6173.00

No concerns from the Forestry and Peatlands Branch.

Marianne

DATE: March 15, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Cory Vitt  
P.Eng. M.Eng. CPPA CMMA  
Acting Senior Approvals Engineer  
Office of Drinking Water

PHONE NO.: 204-806-1363

EMAIL: [cory.vitt@gov.mb.ca](mailto:cory.vitt@gov.mb.ca)

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No concerns.  
Office of Drinking Water (ODW)

DATE: March 14, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Matt Loewen  
Parks Circulars

PHONE NO.:

EMAIL: [ParksCirculars@gov.mb.ca](mailto:ParksCirculars@gov.mb.ca)

SUBJECT: Swansfleet Alliance – Irrigation Project - File: 6173.00

Parks Branch has reviewed Environment Act Proposal: Swansfleet Alliance - Irrigation Project - File: 6173.00. The Branch has no comments to offer.

Matt Loewen  
Manitoba Parks

DATE: March 14, 2023

TO: Jay Mak  
Environmental Approvals Branch  
Senior Environmental Engineer  
Manitoba Environment & Climate  
14 Fultz Blvd, Winnipeg

FROM: Tim Davis  
GIS Specialist  
Mineral Tenure and Regulatory  
Services, NRND  
360-1395 Ellice Ave, Winnipeg, MB

PHONE NO.: 204-945-6525

EMAIL: [Tim.davis@gov.mb.ca](mailto:Tim.davis@gov.mb.ca)

SUBJECT: Request for review by April 24, 2023: Swansfleet Alliance 6173.00

Mines Branch has no concerns