

DATE: November 23,
2023

TO: Public Registry

FROM: Jay Mak, M.Sc., P. Eng.
Environmental Engineer
Land Use, Waste Management,
and Energy Section

SUBJECT: File 6180.00 – City of Brandon – Information for Public Registry

Please find attached the public and TAC correspondence related to City of Brandon – Brandon Water Treatment Facility Upgrades (6180.00) for distribution to the public registries. The documents included are:

	Public Comment
	No public comments received during the public comment period

No.	Technical Advisory Committee Member	Response Provided
1	Environment and Climate	
	Environmental Approvals Branch	
	<ul style="list-style-type: none"> • Air Quality Management 	No response
	Environmental Compliance and Enforcement Branch	April 17, 2023
	Office of Drinking Water	May 12, 2023
	Environmental Programs and Remediation Branch	No response
	Drainage and Water Rights Licensing Branch	
	<ul style="list-style-type: none"> • Water Use Licensing Section 	June 28, 2023
	<ul style="list-style-type: none"> • Drainage and Water Rights Licensing Section 	May 2, 2023
	Water Science and Watershed Management Branch	
	<ul style="list-style-type: none"> • Water Quality Management Section 	June 1, 2023
	<ul style="list-style-type: none"> • Groundwater Management Section 	No response
	Climate Change and Clean Technology	No response
2	Natural Resource and Northern Development	
	Parks Branch	No response
	Wildlife and Fisheries Branch (wildlife)	No response
	Wildlife and Fisheries Branch (fisheries)	No response
	Forestry and Peatlands Branch	April 17, 2023
	Lands and Planning	No response
	Crown Land Specialist	No response
	Mines Program	No response
	Petroleum Program	May 15, 2023
3	Manitoba Sport, Culture, and Heritage – Historic	May 11, 2023
4	Manitoba Municipal Relations	
	Community Planning Branch	No response
5	Manitoba Transportation Infrastructure -	May 15 & 26, 2023
6	Manitoba Health – Winnipeg Regional Health Authority	May 12, 2023

DATE: April 17, 2023

TO: Jay Mak
Senior Environmental Engineer
Environmental Approvals Branch
Environment and Climate
204-619-0709
Jay.Mak@gov.mb.ca

FROM: Paul Fagan
Environmental Compliance and
Enforcement Environment and Climate
1129 Queens Ave, Brandon
204 761-7964
Paul.Fagan@gov.mb.ca

SUBJECT: Request for review by May 15, 2023: City of Brandon - File: 6180.00

Environment and Climate - Environmental Compliance and Enforcement has reviewed the aforementioned Environmental Act proposal and has no concerns at this time.

Sent via electronic mail: no hard copy to follow.

May 11, 2023

Jay Mak, P.Eng., Senior Environmental Engineer,
Environmental Approvals Branch
Box 35, 14 Fultz Blvd.
Winnipeg MB R3Y 0L6
email Jay.Mak@gov.mb.ca

Dear Jay Mak:

Office of Drinking Water, Public Water System, PWS 29.00
Environmental Approvals Branch, Environment Act Proposal, File 6180.00

RE: Notice of Environment Act Proposal, City of Brandon, Water Treatment Upgrades

Thank you for the request for comments for the City of Brandon's Environment Act Proposal.

The Office of Drinking Water has the following requirements:

1. Permit to Construct or Alter a Public Water System for the Office of Drinking Water will have to be submitted and issued under The Drinking Water Safety Act and related regulations.
2. An Operating Licence Amendment application will have to be submitted and issued under The Drinking Water Safety Act and related regulations.
3. The Compliance Plan submitted by the City of Brandon to the Office of Drinking Water in December 2022 provided timelines for this project, which included the implementation of corrosion control, and these timelines appear to have been revised in the Environment Act Proposal. The Office of Drinking Water will follow-up directly with the City of Brandon.

Recommendations:

- Design details for the raw water upgrades must be communicated to the Office of Drinking Water, and the zebra mussel protection should be incorporated into the design.

Should you have questions about on this matter, please contact the Office of Drinking Water at drinkingwater.approvals@gov.mb.ca.

Regards,



Sacha Janzen
A/Director
Office of Drinking Water

- c. Christine Gerardy, Senior Regional Drinking Water Officer, Office of Drinking Water
Cory Vitt, P.Eng., Acting Senior Approvals Engineer, Office of Drinking Water

From: Butterfield, Tamara <Tamara.Butterfield@gov.mb.ca>

Sent: June 28, 2023 11:38 AM

To: Mak, Jay <Jay.Mak@gov.mb.ca>

Subject: City of Brandon - EA Proposal

Hi Jay,

Here are the comments:

The Water Use Licensing Section, within the Drainage and Water Rights Licensing Branch has reviewed the EA Proposal for the City of Brandon. The Water Rights Licence for the Assiniboine River will need to be amended if the intake structure is moved or if any other parameters of the existing Water Rights Licence is changed, an application is required for the amendments.

Thanks,

Tamara Butterfield

Senior Surface Water Licensing Technologist
Manitoba Environment and Climate
tamara.butterfield@gov.mb.ca / Cell: 204-918-6273

From: Caillier, Ginette <Ginette.Caillier@gov.mb.ca>

Sent: May 2, 2023 4:37 PM

To: Mak, Jay <Jay.Mak@gov.mb.ca>

Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

Good Afternoon Jay,

On behalf of the Drainage and Water Rights Licensing Branch, there are no concerns at this time as there appears to be no water control works proposed. Please note the the project appears to be within the City of Brandon therefore as per Section 5.1 (b) of Water Rights Regulation 126/87, the proposed water control works fall within a designated urban area, and does not require a Water Rights License to Construct Water Control Works, provided those water control works do not drain class 3, 4 or 5 wetlands, or outlet onto areas outside of the urban area.

Please advise the proponent that under The Water Rights Act, a valid Water Rights Licence is required to control water or construct, establish or maintain any water control works. Water control works are defined as any dike, surface or subsurface drain, drainage, improved natural waterway, canal, tunnel, bridge, culvert, borehole or contrivance for carrying or conducting water, that temporarily or permanently alters, or may, alter the flow or level of water, water in a water body, by any means, including drainage or changes, or may change the location or direction of flow of water by any means including drainage.

For additional information, or to apply for a authorization online, please follow the link below:

[Environment, Climate and Parks | Province of Manitoba \(gov.mb.ca\)](#)

Thank you,
Ginette Caillier

DATE: June 1, 2023

TO: Jay Mak
Environmental Approvals Branch
Environment and Climate
14 Fultz, Winnipeg, MB
R3Y 0L6

FROM: Joy Kennedy
Water Quality Management Section
Environment and Climate
14 Fultz, Winnipeg, MB
R3Y 0L6

cc.

PHONE NO.: 204-945-7908

SUBJECT: CITY OF BRANDON, WATER TREATMENT FACILITY UPGRADE, FILE 6180.00

- It is recommended the Proponent be required to conduct a discharge monitoring program at sampling stations effluent, upstream and downstream of discharge in the Assiniboine River of the following parameters:
 - Total Chlorine
 - Total Suspended Solids
 - Total Dissolved Solids
 - Turbidity
 - Total Ammonia Nitrogen (NH₃-N)
 - pH
 - Temperature
 - Total and dissolved, Magnesium
 - Total and dissolved, Calcium
 - Hardness
 - Total Manganese
 - Total Sodium
 - Chloride
 - Total Iron
- The following effluent standards should be in place for Brandon Water Treatment Facility upgrade as per the *Manitoba Water Quality Standards, Objectives and Guidelines Regulation (196/2011)* for discharge events:
 - TSS 25 mg/L;
 - Chlorine 0.019 mg/L
- To further assess the proposed effluent discharge to the Assiniboine River, can the proponent please provide the expected chloride (mg/L), total calcium (mg/L), total magnesium (mg/L), and total sodium (mg/L) concentrations in the effluent stream.
- The Water Quality Management Section is concerned with any discharges that have the potential to impact the aquatic environment and/or restrict present and future uses of the water. Therefore it is recommended that the license require the proponent to actively participate in any future watershed based management study, plan/or nutrient reduction program, approved by the Director.

Sincerely,

Joy Kennedy

From: +WPG569 - Forestry and Peatlands Circulars <FPB.circulars@gov.mb.ca>
Sent: April 17, 2023 8:42 AM
To: Mak, Jay <Jay.Mak@gov.mb.ca>
Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

Hi Jay,

No concerns from the Forestry and Peatlands Branch.

Marianne

From: Leonen, Leonardo <Leonardo.Leonen@gov.mb.ca> **On Behalf Of** +WPG1195 - Petroleum

Sent: May 15, 2023 4:37 PM

To: Mak, Jay <Jay.Mak@gov.mb.ca>

Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

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

Leo

From: +WPG574 - HRB Archaeology <HRB.archaeology@gov.mb.ca>
Sent: May 11, 2023 9:45 AM
To: Mak, Jay <Jay.Mak@gov.mb.ca>
Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

Hi Jay,

Concerns – The project was assessed under Heritage permit A70-22, but there are still outstanding monitoring requirements for when ground disturbing activities start. See attached memo for more details.

In addition, there are a couple of revisions that should be addressed in this EAP.

- Section 1.1 – Add A70-22 HRIA to list of previous studies
- Section 9.1.5 – add reference to A70-22 HRIA to section and replace Borden Number TBD with DILx-025. Revise section to reflect contents of HRB clearance letter dated March 3, 2023.

Reid Graham
Impact Assessment Archaeologist - Western Region
Archaeological Assessment Services Unit
Historic Resources Branch
Sport, Culture and Heritage - Government of Manitoba
e. Reid.Graham@gov.mb.ca
c. (204)-451-7034 (0830-1630, M-F)
213 Notre Dame Avenue
Winnipeg, MB R3B 1N3

DATE: 2023-05-11

TO: **Environmental Approval Branch**
Environment and Climate

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

FOR: **City of Brandon**

T: (204) 945-2118 F: (204) 948-2384
e: HRB.archaeology@gov.mb.ca

SUBJECT: **EAP 6180.00**
AAS File AAS-23-20282

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, the identified location is situated along the lower terrace of the Assiniboine River valley. The Assiniboine, and the tributaries that form its watershed, have a number of known archaeological sites along and near the margins, including large Precontact Indigenous campsites, Bison Kill sites, Fur Trade Posts, and Precontact and Historic burial locations. These factors, although not exclusive to the analysis and without the additional requested information, indicate a reason to believe that any future planned ground disturbance, activity, and/or development within the area has the potential to impact heritage resources, therefore, the Historic Resources Branch has concerns.

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 Heritage Resource Impact Assessment 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

An HRIA was conducted by Jacobs Consultancy Canada Inc. for this proposed development under Heritage Permit A70-22. A clearance letter was issued for the report, dated March 3rd, 2023, which outlined that the development may proceed as described, with the provisions that:

- Heritage Resource Monitoring occurs during ground disturbing activities, and;
- a Heritage Resource Protection Plan is prepared for this project and submitted to the HRB prior to construction.

The Branch will work with the proponent/land owners and its consultant to draw up terms of reference for this project. Please allow for HRIA timelines in your planning as HRIAs are conducted in snow and frost-free conditions. Any exceptions require planning and consultation with the HRB.

Please find attached an archaeological consultants' list for reference. 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

From: +WPG969 - MIT Environmental Services Section <MITEnviServices@gov.mb.ca>
Sent: May 15, 2023 1:19 PM
To: Mak, Jay <Jay.Mak@gov.mb.ca>
Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

Good afternoon,

No concern from the following MTI branches:

- Roadside Development
- Western Regional Operation

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

Grace Ruth S. Quintana, M.Sc.

Environmental Review Coordinator

Environmental Services | Engineering and Technical Services

Manitoba Transportation and Infrastructure

15th Flr 215 Garry Street | Winnipeg, MB | R3C 3P3

From: +WPG969 - MIT Environmental Services Section <MITEnviServices@gov.mb.ca>
Sent: May 26, 2023 9:23 AM
To: Mak, Jay <Jay.Mak@gov.mb.ca>
Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

Good morning Jay,

An additional comment just got in from MTI's *Hydrologic Forecasting and Water Management Branch*:

According to the Brandon and Area Planning District Development Plan By-Law No. 95/01/12, the location of the proposed Water Treatment Facility Upgrades is at flood risk from the Assiniboine River. The area was flooded during the 2014 and 2022 flood events. The flood risk should be taken into consideration when designing the upgrades and moving any vulnerable structures to a location not at risk of flooding should be considered.

Thanks,
Grace

From: Johnston, Anna <Anna.Johnston@gov.mb.ca>

Sent: May 12, 2023 4:42 PM

To: Mak, Jay <Jay.Mak@gov.mb.ca>

Subject: RE: Request for review by May 15, 2023: City of Brandon 6180.00

Hi Jay,

Thanks for the opportunity to review this EAP.

Of note, the timelines outlined in Table 2-5 "Proposed Schedule for Project Phases" differ from the timelines in the City's Compliance Plan (the timelines have been extended in the EAP), including the timeline for implementation of corrosion control to address the lead exceedance in the drinking water. I recommend the City of Brandon check with the Office of Drinking Water regarding the timeline for implementation of corrosion control and the other timelines outlined in their proposed schedule for project phases.

Thank you,
Anna

Dr. Anna Johnston, BSc, MD, MPH
Medical Officer of Health
Manitoba Health/Prairie Mountain Health
Ph: 204.471.9395