Reset Questionnaire

LAKE MANITOBA
LAKE ST. MARTIN

OUTLET CHANNELS PROJECT

Surface Water Management Plan

Questionnaire

General Information (Please provide your contact information)

Name*

Community*

Mailing Address*

Phone Number*

Email*

*Required

Do you wish to self-identify as an Indigenous Person in Canada, such as First Nations, Métis or Inuit?

- ○ Yes
- ○ No

Manitoba welcomes responses from all to this questionnaire, including Indigenous individuals. Manitoba remains committed to meaningful and respectful Crown-Indigenous Consultation with Indigenous groups.

In addition to your responses, your personal information is being collected to be able to contact you for follow up if needed. Your responses will be collected and used to help support the provincial and federal environmental assessment process for the Lake Manitoba and Lake St Martin Outlet Channels Project and will inform the Crown-Indigenous Consultation process and project planning. Responses and information collected through this questionnaire will be protected by Manitoba Infrastructure but may be shared with other provincial and federal regulatory bodies to meet environmental regulatory requirements.

Overview of Surface Water Management Plan and Questionnaire

The Surface Water Management Plan (the Plan) presented during consultation and engagement is considered draft and will not be finalized until input is obtained from potentially-affected Indigenous groups and other stakeholders. The Plan will be finalized once applicable feedback has been received, final design details are determined, and environmental regulatory approval conditions are available.

This questionnaire is intended to be completed after reviewing the Plan. It is recommended that the report is read as a whole, so that sections or parts are not read out of context.

The purpose of the Plan is to outline measures to be used to mitigate or avoid impacts to surface water during construction and operation of the Project. The objectives of the Plan are to:

- Control local surface water during and after construction of the Lake Manitoba Outlet Channel and Lake St. Martin Outlet Channel (the Project).
- Reduce potential for erosion during and after construction the Project and the transportation and deposition of sediments and pollutants beyond the project limits.
- Develop design details and identify Best Management Practices for control of water based on the current design status.
- Monitor surface water quality in the vicinity of the Project to verify that the measures implemented meet expectations and identify additional contingency measures in the event of emergency conditions or undesirable circumstances.

A. Introduction

1. Aside from Lake Manitoba and Lake St. Martin, have you noticed any change in the quality (e.g., odour, appearance, and flow) of surface water (e.g., rivers, springs, and lakes) in the project area over the last 5 years?

   ○ Yes

   ○ No

   If yes, please identify when (year, season, after a flood/drought event), and where:

   Please describe the nature of the changes:

2. The Surface Water Management Plan (Sections 7.17 and 14.1.5) and Sediment Management Plan (Sections 6 and 7) outline a number of mitigations to prevent the transport and deposition of sediments during construction and operation of the Project. Given review of this information, do feel this is robust enough to address these sediment movement into lakes, rivers, or streams from the Project?

   ○ Yes

   ○ No

   If yes, please explain your concerns:

3. Excavation of the inlet and outlets will require a fish salvage program. Would you like to receive information on the fish salvage results?

   ○ Yes

   ○ No

If yes, please identify how you would like to receive this information:

- ○ Email
- ○ Mail
- ○ Website notification
- ○ All of the above

B. Lake Manitoba Outlet Channel

4. The Surface Water Management Plan (Section 6) provides baseline surface water quality information for the following water bodies along the Lake Manitoba Outlet Channel: Lake Manitoba, Lake St. Martin, Watchorn Creek, Reed Lake, Clear Lake, Clark's Drain, Birch Creek, Woodale Drain, Water Lake, Birch Creek and Goodison Lake. Please identify any additional waterbodies that you feel require monitoring and circle them on Figure 1:

5. Do you use any surface water sources (e.g., lakes, rivers, and springs) for drinking water near the Project?

6. Surface water from the west side of the watershed will be conveyed into the Lake Manitoba Outlet Channel through an outside drain. Do you have concerns with this interception of surface water?

   - ○ Yes
   - ○ No

   If yes, please detail any concerns you may have:

7. Due to the interception of surface water by the Lake Manitoba Outlet Channel, the drainage area of Birch Creek will be reduced by 27%. The effects to fish communities will be monitored through the Aquatic Effects Monitoring Plan, and water levels in the small lakes and wetlands along Birch Creek may be monitored at select locations, which will be determined during the detailed design phase. Please identify any waterbodies that you feel should be considered or included and circle them on Figure 2:

C. Lake St. Martin Outlet Channel

8. The Surface Water Management Plan provides information on baseline surface water quality monitoring completed for the following water bodies along the Lake St. Martin Outlet Channel: Lake St. Martin Emergency Outlet Channel, Big Buffalo Lake, Buffalo Creek, and inlet/outlet areas. Please identify any additional waterbodies that you feel require monitoring and circle them on Figure 3:

9. The depth of water in the Lake St. Martin Outlet Channel will range from 1.6 to 3.4 metres, and deeper pools will be constructed to meet summer and winter fish needs and to maintain appropriate water quality conditions. Do you have concerns about water quality within the LSMOC?

   ○ Yes
   ○ No

   If yes, please detail any concerns you may have:

10. Surface water from the east side of the watershed will be conveyed into the Lake St. Martin Outlet Channel through an outside drain. Do you have concerns with this interception of surface water?

    ○ Yes
    ○ No

If yes, please detail any concerns you may have:

11. Construction of the Lake St. Martin Outlet Channel will also reduce the catchment area of Buffalo Creek basin. Quantification of these impacts will be undertaken at detailed design. Do you feel this will have an impact to your use of the area?

- ○ Yes
- ○ No

If yes, please detail any concerns you may have:

12. What activities do you undertake in the Buffalo Creek basin? Please select any that may apply:

- ☐ Hunting
- ☐ Fishing
- ☐ Trapping
- ☐ Tourism/guiding
- ☐ Other _____

13. The Surface Water Management Plan (Sections 7 and 14) and Sediment Management Plan (Sections 6 and 7) describes mitigations to reduce erosion, and the transportation and deposition of sediment from the Project. The Lake St. Martin Outlet Channel will include several drop structures that will slow the speed of water moving through the channel to reduce erosion. Given this information, do you feel this is robust enough to address erosion of the LSMOC?

- ○ Yes
- ○ No

If no, please detail any concerns you may have:

D. Conclusion

14. The Surface Water Management Plan (Sections 7.1 and 14.1) outlined methods to mitigate or avoid impacts to surface water during and after construction of the Project. Given this information, do you feel there will be an impact in your ability to practice traditional use activities?

- ○ Yes
- ○ No
- ○ Not applicable

If yes, please identify the component and explain how your ability to practice traditional use activities is affected:

15. Given the Project effects and mitigations outlined the Surface Water Management Plan, do you feel this will have a positive or negative impact on the health and socio-economic conditions (e.g. economy and culture) in the area?

- ○ Positive
- ○ Negative

Please identify the component and explain:

16. Annual surface water monitoring reports will be prepared throughout the construction phase and for the duration of monitoring conducted during the operation phase. Manitoba Infrastructure is planning to share this information with community leadership. Do you feel this is sufficient?

- ○ Yes
- ○ No

If no, please identify how frequent these reports should be prepared:

How else would you like to receive this information?

- ○ Email
- ○ Mail
- ○ Website
- ○ All of the above

17. As Manitoba Infrastructure is working with a number of Indigenous groups and communities on the Project, how would you like to be involved in follow-up and monitoring for water quality and fisheries activities?

18. How would you like to receive information about the Surface Water Management Plan and the Project?

- ○ Email
- ○ Mail
- ○ Website
- ○ All of the above

19. Was the information in the Surface Water Management Plan presented in a manner that was easy to understand?

- ○ Yes
- ○ No

If no, please identify what information requires further clarification:

20. Do you have any general comments or questions?

- ○ Yes
- ○ No

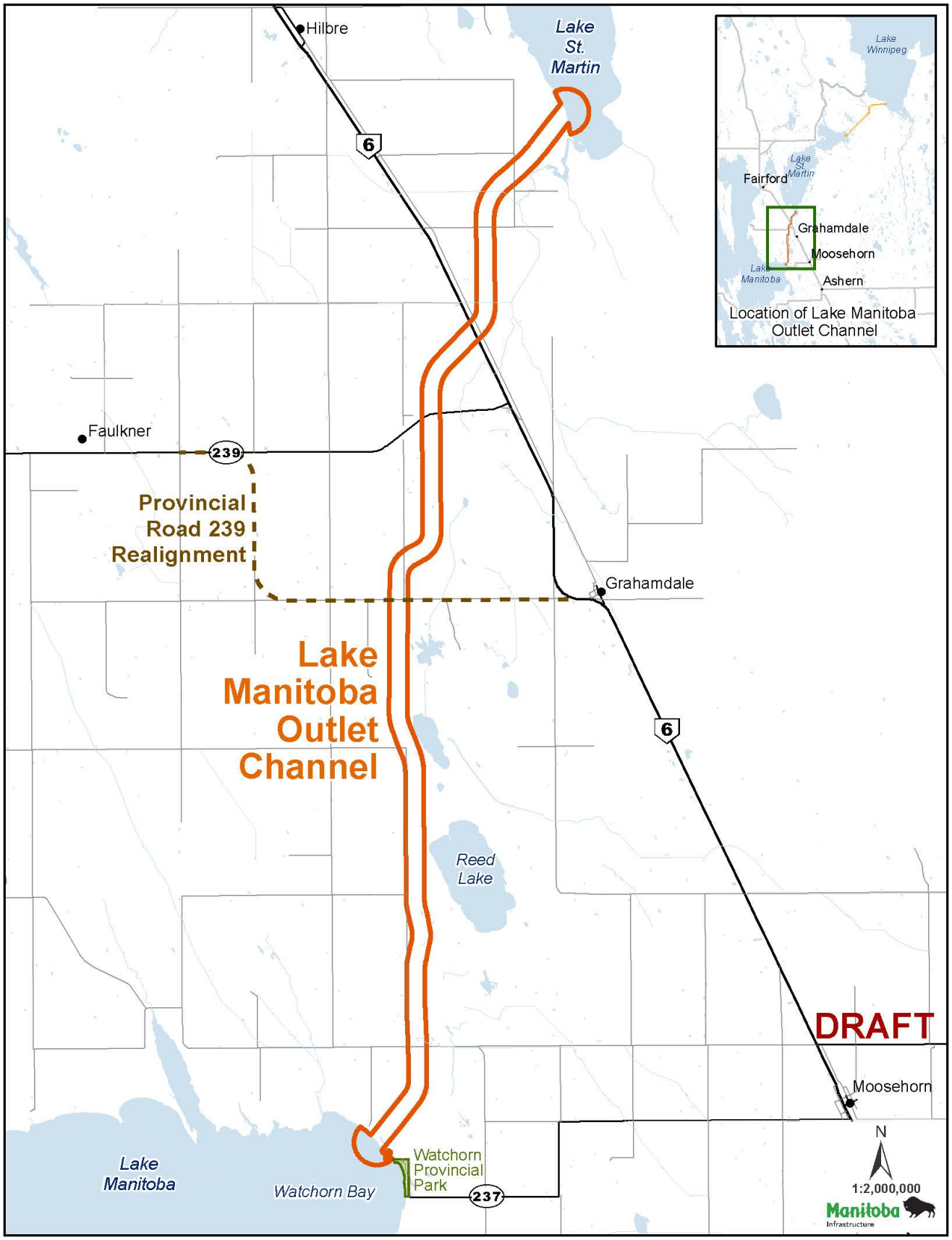
If yes, please explain:

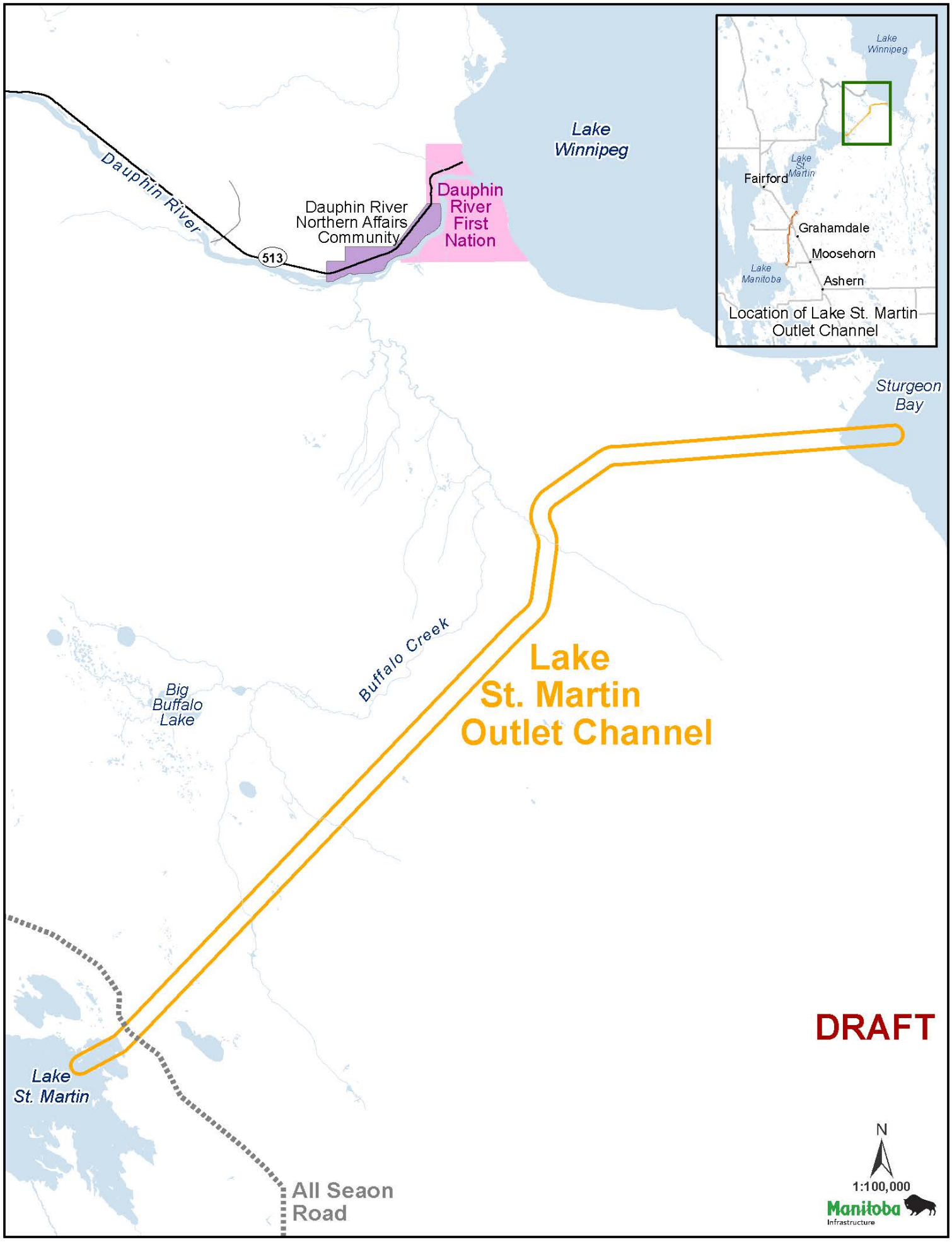
Thank you for your feedback. Please remember to complete the maps below before submitting your questionnaire.

SUBMIT AND EXIT THE QUESTIONNAIRE

We want to hear from you.
Share your thoughts by highlighting or adding sticky notes to the maps below.

Need help?




Lake Winnipeg
Dauphin River
513
Dauphin River Northern Affairs Community
Dauphin River First Nation
Lake Winnipeg
Lake St. Martin
Fairford
Grahamdale
Moosehorn
Lake Manitoba
Ashern
Location of Lake St. Martin Outlet Channel
Sturgeon Bay
Buffalo Creek
Big Buffalo Lake
Lake St. Martin Outlet Channel
DRAFT
Lake St. Martin
All Seaon Road
N
1:100,000
Manitoba Infrastructure