

LAKE MANITOBA LAKE ST. MARTIN

OUTLET CHANNELS PROJECT

Wildlife Monitoring Plan

Questionnaire

General Information (Please provide your contact information)

Name

Community

Mailing Address

Phone Number

Email

Do you wish to self-identify as an Indigenous Person in Canada, such as First Nations, Metis 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 Plan and Questionnaire

The Wildlife Monitoring 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 stakeholders. The Plan will be finalized once applicable feedback has been received, final monitoring 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 document is read as a whole, to ensure all sections are read in context with one another.

The purpose of the Plan is to describe monitoring activities to verify key environmental assessment predictions, to reduce potential adverse effects on wildlife and their habitat, and to confirm compliance with regulatory requirements concerning potential effects to wildlife and habitat. This Plan will be implemented as part of the Environmental Management Program that prescribes measures and practices to avoid and reduce adverse environmental effects on wildlife (e.g., clearing outside of the primary nesting period for migratory birds, use of buffers for wildlife and sensitive wildlife habitat, etc.). The WMP provides details on how predicted changes to habitat, mortality risk, and movement will be verified and how the effectiveness of mitigation strategies will be evaluated.

In summary, this Plan describes:

- regulatory requirements
- potential Project effects on wildlife
- Project-specific wildlife mitigation
- monitoring and adaptive management
- schedule and reporting protocols

Potential Project Effects on Wildlife

3. The Plan (Section 5 and 6) describe potential **changes to wildlife habitat** from the Project and mitigation measures to reduce these effects. Do you feel that these measures will be effective in mitigating potential Project-related effects to wildlife habitat?

Yes

No

If no, please explain why and please identify other mitigation measures you think should be considered:

4. Do you feel that potential effects to wildlife resulting from Project related **changes to wildlife habitat** may impact you or your community's traditional use activities, health or socio-economic conditions (e.g. economy and culture) in the area? If so, please explain:

5. The Plan (Section 5 and 6) describe potential changes to **wildlife mortality** risk from the Project and mitigation measures to reduce these effects. Do you feel these measures are robust enough to address these effects?

Yes

No

If no, please explain why and please identify other mitigation measures you think should be considered:

6. Do you feel that potential effects to wildlife resulting from Project related changes to **wildlife mortality** risk may impact you or your community's traditional use activities, health or socio-economic conditions (e.g. economy and culture) in the area? If so, please explain:

7. The Plan (Section 5) describes potential changes to **wildlife movement** from the Project and mitigation measures (Section 6) to reduce these effects. Do you feel these measures are robust enough to address these effects?

Yes

No

If no, please explain why and please identify other mitigation measures you think should be considered:

8. Do you feel that potential effects to wildlife resulting from Project related changes to **wildlife movement** may impact you or your community's traditional use activities, health or socio-economic conditions (e.g. economy and culture) in the area? If so, please explain:

9. The Plan (Section 7) describes specific monitoring criteria used to evaluate the effectiveness of mitigation measures designed to reduce **changes to wildlife habitat** from the Project. Based on the species and wetland types present within the local assessment area, the most likely species to be affected by altered wetland function were identified as being:

- Yellow rail
- Lest bittern
- Northern leopard frog

Do you agree that monitoring for the presence of these species will provide an adequate understanding of Project effects to wetlands?

Yes

No

If no, please identify other species or species groups that you feel should be monitored to understand Project effects to wetlands and please explain why:

10. The Plan (Section 7) describes specific monitoring criteria used to evaluate the effectiveness of mitigation measures designed to reduce **wildlife mortality** risk resulting from: 1) Project-related vehicular traffic during the construction of the Project; and 2) increased access by humans and predators. Results from these programs will also inform whether adaptive measures are needed, such as identifying high-risk zones, implementing speed restrictions, or altering mitigation at access points.

Are there any particular wildlife species that you feel may be uniquely susceptible to mortality effects from the Project?

Yes

No

If yes, please identify the species and please explain why you feel it is more susceptible to these effects:

Do you feel that these measures and their ability to inform the need for adaptive measures will help MI understand and mitigate potential Project effects to wildlife mortality?

Yes

No

If not, please explain why and please identify other monitoring or adaptive measures you feel should be considered:

11. The outlet channels have the potential to alter **wildlife movement**, particularly during construction and when the channels are operating during a flood event. The Plan (Section 7) describes specific monitoring criteria used to 1) assess mammal movement across the outlet channels; and 2) determine if mitigation measures (i.e., channel design, cover plantings, and low use of riprap) are facilitating wildlife movement.

What species do you think could be most impacted by the Project, as a barrier to movement and why? Please explain:

Do you feel that the proposed monitoring approach will help MI understand and mitigate potential Project effects to wildlife movement?

Yes

No

If not, please explain why and please identify other monitoring, mitigation or adaptive measures you feel should be considered:

12. The Plan (Section 9) describes the proposed schedule for conducting wildlife monitoring activities.

Do you believe the proposed monitoring schedule will allow for an understanding of potential effects to wildlife and habitat and the application of adaptive management if required?

Yes

No

If no, please explain:

13. The Plan (Section 10) describes annual reporting for wildlife monitoring. Do you want to be informed of ongoing monitoring?

Yes

No

If yes, how would you like to be informed of ongoing progress?

Email

Mail

Website

All of the above

Conclusion

14. As Manitoba Infrastructure is working with a number of Indigenous groups and communities on the Project, how would you like to be involved in wildlife monitoring activities?

15. Was the information in the Plan presented in a manner that was easy to understand?

Yes

No

If no, please identify what information requires further clarification:

16. Do you have any general comments or questions?

Yes

No

Please explain:

Thank you for your feedback.