Reset Questionnaire

LAKE MANITOBA
LAKE ST. MARTIN
OUTLET CHANNELS PROJECT

Red-headed Woodpecker Habitat Mitigation 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 Red-headed Woodpecker Habitat Mitigation 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 describe how habitat mitigation and monitoring activities will be implemented along the Lake Manitoba Outlet Channel Right-of-Way (ROW). The goal of this Plan is to enhance breeding habitat opportunities for red-headed woodpecker along the Lake Manitoba Outlet Channel ROW. This will be achieved by employing the mitigation measures, best management practices, and adaptive management techniques outlined in this Plan during the construction and operation phases of the Project. Specific objectives are to:

- Describe revegetation prescriptions (i.e., shrub plantings) and vegetation management practices that provide habitat opportunities for red-headed woodpecker, while adhering to requirements for the safe operation and maintenance of the Project.
- Describe Lake Manitoba Outlet Channel ROW habitat mitigation, including erecting salvaged snags and/or decadent trees and artificial nest structures.
- Describe how revegetation prescriptions and nest structure occupancy by red-headed woodpecker will be monitored to verify the effectiveness of mitigation measures.

A. Introduction

1. Do you feel that past flood protection projects or activities have impacted species at risk such as red-headed woodpecker or others?

   ○ Yes
   ○ No

   If yes, please explain which species at risk you feel have been impacted, and how:

2. The Plan (Section 1.3) identifies that the Project overlaps a red-headed woodpecker critical habitat square. Field surveys conducted in 2020 within this area of overlap did not reveal the presence of red-headed woodpecker. Are you aware of any areas that are suitable red-headed woodpecker habitat?

   ○ Yes
   ○ No

   If yes, please identify these locations on Figure 1.

B. Project Mitigation

3. The Plan (Section 3) outlines mitigation measures that will reduce potential effects to the red-headed woodpecker and their habitats. Do you feel that these measures will be effective in mitigating potential Project-related effects?

   ○ Yes
   ○ No

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

4. The Plan (Section 3.2.2) outlines that red-headed woodpecker habitat will be enhanced by salvaging snags and decadent trees and installing artificial nest structures. Do you feel that these measures will be effective in creating nesting habitat for red-headed woodpecker?

   ○ Yes
   ○ No

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

5. Measures to reduce the likelihood of salvaged decadent trees falling over include adherence to best management practices (e.g., attaching decadent trees to treated wooden posts) and nest structure monitoring. Do you think this is robust enough to reduce the likelihood of salvaged snags and decadent trees falling over?

   ○ Yes
   ○ No

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

C. Monitoring

6. A red-headed woodpecker nest survey (Section 4.1) will be undertaken to understand if red-headed woodpeckers occupy salvaged decadent trees and artificial nesting structures placed within or adjacent to the Habitat Migration Areas (HMA). Surveys will be completed on two separate occasions, between June 1 to 30, during the first year of construction and will be repeated each year until year 6 of post-construction. Based on the information provided, do you feel this is robust enough to monitor or understand the effectiveness of this mitigation measure?

   ○ Yes
   ○ No

   If no, please identify how you would change this approach or list any concerns you may have:

7. The nest structure survey (Section 4.2) will be used to assess the effectiveness of the mitigation measures by monitoring the structural integrity of salvaged decadent trees and artificial nest boxes. The nest structure survey will be completed once per year prior to the breeding season (April 1). Surveys will be undertaken during the first year post-construction and will be repeated each year until year 6 of post-construction. Based on the information provided, do you feel this is robust enough to monitor or understand the effectiveness of this mitigation measure?

   ○ Yes
   ○ No

   If no, please identify how you would change this approach or list any concerns you may have:

8. Results from the monitoring programs will also inform whether adaptive measures are needed, such as replacing salvaged trees or adding new artificial nesting structures. In addition, a root cause analysis of why a measure failed to meet the intended objective will be conducted. Do you feel that these measures and their ability to inform the need for adaptive measures will help Manitoba Infrastructure understand and mitigate potential Project effects and prevent future failures?

   ○ Yes
   ○ No

   If no, please explain why and please identify other monitoring or adaptive measures you feel should be considered:

D. Conclusion

9. Do you feel that potential effects to red-headed woodpecker habitat resulting from the Project may impact your ability to practice traditional use activities?

   ○ Yes
   ○ No
   ○ Not applicable

   If yes, please explain:

10. Would you like to be involved with follow-up and monitoring of red headed woodpeckers and their habitat? If yes, please explain how:

11. How would you like to receive further information about the Plan and the Project?

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

12. 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:

13. 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 provided below.

Need help?

Figure 1 – Map of Lake Manitoba Outlet Channel