

6.0 APPLICATION OF THE MODEL CLASS SCREENING REPORT

6.1 Introduction

Section 6 outlines the procedure for applying the MCSR to an individual project proposal. The assessment of an individual project is facilitated through the completion of a CSPR as outlined in s 6.2. The CSPR determines the applicability of the individual project to the MCSR, identifies other Federal Authorities (FAs) with an interest in, or a *CEA Act* trigger for the project, and specifies the mitigation and follow-up requirements to be applied to the implementation of the project. The CSPR template is included at the end of this section. Roles and responsibilities of FAs are outlined in s 6.3. Management of the Public Registry as discussed in s 6.4.

6.2 Class Screening Project Report

The Class Screening Project Report (CSPR) outlines the procedures through which screenings of prairie grain road projects in Manitoba, Saskatchewan and Alberta are completed. The CSPR was developed with the intention of providing an expeditious yet rigorous format for evaluating the environmental effects of proposed road projects. The CSPR is divided into 4 parts:

Part 1 is designed to ensure that adequate project description information is obtained and to determine the application of the Act to the project. Some projects may be excluded from CEAA at this stage.

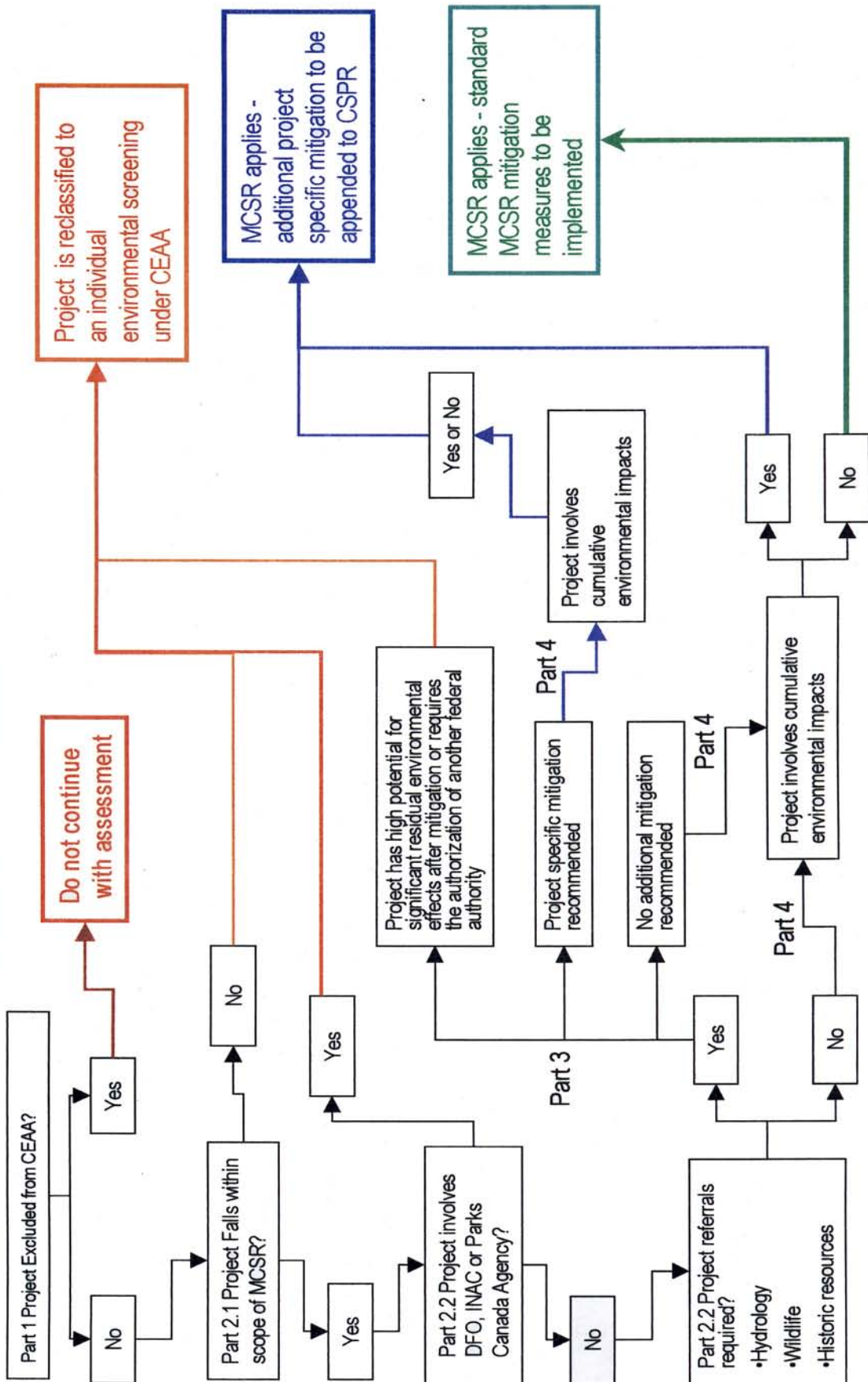
Part 2 determines if the project fits within the class of projects defined in the MCSR. Projects that do not fit into the class are reclassified to an individual screening status. Part 2 also identifies site-specific, and potentially sensitive environmental variables related to the project and determines the need for project referrals to other federal and provincial government authorities.

Part 3 mirrors the issues identified in Part 2 and is designed to collect additional project and environmental information from project proponents and from other interested government authorities. Part 3 enables the customization of the standard mitigative measures identified in the MCSR by including additional input from other government authorities e.g., special recommendations, authorizations, licenses, conditions etc. Part 3 also allows the RAs to reclassify the project to an individual screening in the event that environmental issues cannot be resolved within the class process.

Part 4 assesses the potential for residual effects, cumulative effects, and the significance of environmental effects. Part 4 also summarizes the standard and additional mitigation to be applied to the project, outlines any additional follow-up or monitoring requirements associated with the project, and documents the decision of the RA(s).

Figure 6.1 graphically represents the decision process facilitated by the CSPR.

Figure 6.1 - Class Screening Project Report Decision Flow Diagram



6.3 Roles and Responsibilities

Acting under the financial trigger under the *CEA Act* (s.5(1(b)), PFRA has the broadest area of responsibility and will be the first Federal department to become aware of proposed road projects under the PGRP. Being in this position, PFRA will act as the lead RA for assessments conducted for projects to be funded under the PGRP.

As lead RA, PFRA will be responsible for completion of the project specific CSPRs. CSPRs will be completed by PFRA District Staff and/or Regional Environmental Officers. Based on the outcomes of the CSPR, PFRA will refer projects to other federal or provincial authorities. PFRA will be responsible for managing communications and for incorporating the comments and requirements of federal and provincial authorities into the CSPR.

Other Federal Authorities (FAs), such as Environment Canada, may be involved in the assessment of rural road projects as outlined in Section 5. These FAs will be responsible for responding to PFRA referrals in a timely matter as specified in the *CEA Act's Federal Coordination Regulations*. FAs will provide information to PFRA relevant to the assessment including the need and requirements for additional recommended mitigation, or other expert advice. FAs will not be required to review or approve the completed CSPR.

6.4 Public Registry

The public registry for on-going assessments will be maintained in the relevant PFRA District or Regional office. The PFRA office will serve as the contact point for information or copies of the assessment or related project documentation during and after completion of the project. PFRA will be responsible for coordinating requests for information and acquiring any relevant information from other FAs and RAs. Completed copies of the CSPR will be distributed to appropriate PFRA regional offices and to all FAs and RAs involved in the assessment.

Projects assessed under the MCSR will not be listed individually on the Federal Environmental Assessment Index (FEAI). Rather, PFRA will maintain a running tally of all projects assessed under the MCSR and submit the tally twice every fiscal year to the Agency for incorporation into the FEAI. PFRA will also to adhere to any changes made to the FEAI as a result of Bill C-19, An Act to amend the *Canadian Environmental Assessment Act*.

Class Screening Project Report

**Prairie Grain Road Projects in
Manitoba, Saskatchewan, and Alberta**

Instructions for Completing the CSPR

Note: The PGRP Class Screening Project Report (CSPR) form (PF7210 501) is to be completed and signed after all other relevant parts of the report have been completed. Use completed form as cover page. The CSPR forms an integral part of the Model Class Screening Report (MCSR) Prairie Grain Road Projects. The MCSR includes a description of the projects and the prairie environment.

Part 1:

1. Part 1 must be completed for all projects.
2. If the project is excluded do not proceed with the class screening. Complete the PGRP Class Screening Project Report form and attach to the project file. This form is required and must be attached in order to approve a Request for Authority.
3. If the project cannot be excluded from *CEAA* proceed to Part 2.

Part 2:

4. Part 2.1 must be completed for all projects not excluded from assessment under Part 1.
5. If the decision in Part 2.1 is to not proceed with the class screening, initiate an individual environmental screening for the project. Part 1 and Part 2.1 should be retained and attached to the project file as a record of decision. It is not necessary to complete Part 2.2.
6. Part 2.2 must be completed for all projects that fall within the scope of the MCSR.
7. If Part 2.2 has been completed, proceed to Part 3 or Part 4 as directed by the results of 2.2.

Part 3:

8. Part 3 must be completed if any project referrals were made as identified in Part 2.2.
9. If the project is reclassified to an individual environmental screening Parts 1-3 should be retained and attached to the project file as a record of decision. The information collected may be used as the basis for an individual screening report.
10. If the project is not reclassified, proceed to Part 4.

Part 4:

11. Part 4 must be completed for all projects that fall within the scope of the MCSR and which have not been reclassified to an individual environmental screening.
12. The applicable Contract Mitigation from the MCSR should be listed in Part 4.3 - it is not necessary to attach the mitigation sections to the CSPR.
13. Additional requirements related to the mitigation of cumulative environmental effects and follow-up or monitoring plans are to be listed in Part 4.2 or 4.4 as appropriate, or be appended to the CSPR.
14. The CSPR with attachments should be filed to the project file. A copy should be provided to the REO and other Responsible Authorities as required.

All mitigation, and all follow-up or monitoring requirements must be provided to the proponent as part of, or as a condition of, the Contribution Agreement. It is not necessary to provide the MCSR or the CSPR documents to the proponent.

**Part 1 Project Description and Environmental Information
Pre-Screening Form**

Project Details

A) Project Title _____

B) File Number _____

Work details

C) Current width of top surface of road including shoulders? _____

D) Proposed new width of top surface of road including shoulders? _____

E) Proposed Percent change in width? _____

F) Does the project involve work within 30m of a water body? Yes _____ No _____

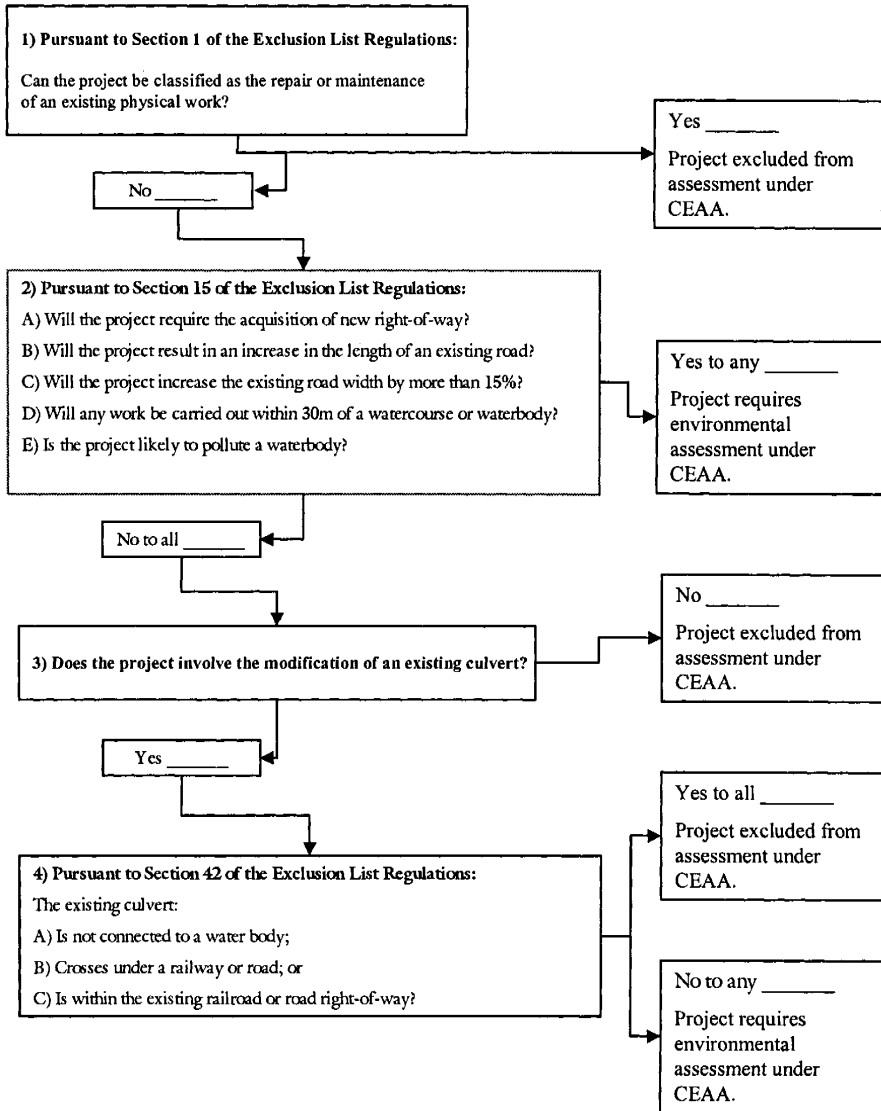
G) Does the project occur within the existing right-of-way? Yes _____ No _____

H) Attach as appropriate:

- Municipal map, or NTS map clearly indicating the project location;
- Project site air photo;
- Project environment map (e.g., indicate project site, land cover, hydrology, sensitive fish and wildlife habitat locations, conflicting residential, recreational land uses);
- Engineering plans or drawings if applicable.

Attach Project Description or Additional Notes as Appropriate (list attachments):

CEAA Exclusion Decision Tree



Exclusion Decision:

- 1) Project can be excluded from assessment under CEAA _____

**Complete PGRP Class Screening Project Report form (PF7210 501)
Do not continue with assessment.**

- 2) Project cannot be excluded and requires an environmental assessment _____

Proceed to Part 2 of CSPR - Scope of Assessment

Part 2 Scope of Assessment

2.1 Application of the MCSR

This Part of the CSPR is used to determine if the project falls within the scope of assessment covered by the Model Class Screening Report (MCSR). The results determine whether the project is suited to the class screening process or whether the project requires an individual screening under CEAA.

A) Does the project include any of the following project activity classifications? Check all that apply.

- Widening of road surface more than 15%
- Road resurfacing
- Road leveling
- Road extensions
- Road straightening/realignment
- Bridge deck modifications
- Construction of new borrow or aggregate pits
- Construction of new asphalt plants
- Culvert replacements/installations on non-fish bearing watercourses or waterbodies

B) Does the project include any of the following types of work? Check all that apply:

- Culvert replacements/installations on watercourses or waterbodies that support a permanent fish population or seasonal fish migrations
- Replacement of bridges with culverts
- Decommissioning of bridges and culverts
- In-water work on bridges, bridge footings, or other related structures
- Construction of new bridges
- Construction of new roads
- Projects carried out on lands administered by Parks Canada Agency
- Projects requiring a permit from Indian and Northern Affairs Canada

Additional Notes:

Decision Point 2.1:

Does the project fall within the scope of the MCSR? Check one:

- If the project includes any activities identified in B) the project **does not** fall within the scope of the MCSR for Prairie Grain Road Projects and an individual environmental screening report is required.

**Do not continue with the Class Screening process
Contact your REO to initiate an individual environmental screening process.**

- If the project includes only project activities identified in A) the project falls within the scope of the MCSR.

Proceed to Part 2.2

2.2 Site Specific Variables

This Part of the CSPR is used to identify site-specific environmental variables that may require referral to other federal or provincial government authorities, or that may require mitigative measures beyond those outlined in the MCSR in order to address the potential for significant environmental effects. Reasons for decisions can be recorded following 2.2.6.

2.2.1 Hydrology

- A) Will implementation of the project involve any in-water works or the alteration of surface water runoff features including permanent, intermittent or ephemeral:
- watercourses (rivers, streams, creeks, seasonal drainage courses) lakes
 - ponds, wetlands, sloughs or peatbogs
- B) Will implementation of the project result in the alteration of hydrologic features including:
- springs shallow aquifers
 - water tables surface drainage patterns

Decision Point 2.2.1 - Check One:

- Project involves work as described in A) but no work as described in B);
Proceed to 2.2.2
 - Project involves work as described in B); Additional information/evaluation may be required.
Refer project to REO - Proceed to 2.2.2
 - Project does not involve any work as described in either A) or B);
Proceed to 2.2.3
-

2.2.2 Fish Habitat and Navigability

- A) Fish Habitat
Are the water bodies affected by project activities known to be, or likely to function as, fish habitat or are project activities likely to affect fish or fish habitat?
- Yes _____ No _____
- B) Navigability
Will the proposed project involve any work to be built or placed on, over, under, through or across a potentially navigable waterbody?
- Yes _____ No _____

Decision Point 2.2.2 - Check One:

- Project involves in-water work as described in either A) and/or B);

If **YES**, contact the DFO regional office to obtain expert advice. An approval under the *Fisheries Act* or an *Navigable Waters Protection Act* permit may be required. If a *Fisheries Act* authorization or a *Navigable Waters Protection Act* permit **is required**, the project **does not** fall within the scope of the MCSR for Prairie Grain Road Projects and an individual screening report is required under CEAA.

Do not continue with the Class Screening Process
Contact your REO to initiate an individual environmental screening process.

- Project does not likely involve effects as described in either A) or B).

Proceed to 2.2.3

2.2.3 Protected Areas, Wildlife, and Wildlife Habitat

- A) Other than lands administered by Parks Canada Agency, is the project likely to affect lands set aside for other parks, protected spaces, wildlife sanctuaries, or conservation areas?

Yes _____ No _____

- B) Is the project likely to affect:

- migratory birds and critical migratory bird habitat (Migratory Birds Convention Act)
 rare, threatened, or endangered species and their habitat
 critical wetlands

Yes _____ No _____

Decision Point 2.2.3 - Check One:

- Project involves likely effects as described in either A) or B);
Refer project to REO (Environment Canada Referral)
Proceed to 2.2.4

- Project does not likely involve effects as described in A) or B);
Proceed to 2.2.4
-

2.2.4 Historical Resources

- A) Is the project likely to affect sites of cultural, historical, archeological, or paleontological significance?

Yes _____ No _____

Decision Point 2.2.4 - Check One:

- Project involves likely effects to historic resources as described in A);
Recommend Proponent Refer project to Appropriate Provincial Authority
Proceed to 2.2.5

- Project does not likely involve effects to historic resources as described in A);
Proceed to 2.2.5
-

2.2.5 Railway Crossing

A) Will the project cross any railroad line?

Yes ____ No ____

If yes, continue to Part B. If answer to above was no, continue to 2.2.6.

B) Has an agreement or an amendment to an agreement, relating to the construction, maintenance or apportionment of the costs of a road crossing been successfully negotiated with the railway?

Yes ____ No ____

Decision Point 2.2.5 - Check One:

- If answer to B is YES, **Proceed to 2.2.6;**
- If answer to B is No, the project does not fall within the scope of the MCSR for Prairie Grain Road Projects and an individual screening report is required under CEAA.

**Do not continue with the Class Screening Process
Contact your REO to initiate an individual environmental screening process.**

2.2.6 Part 2 - Decision Summary

A) Project falls within the scope of the MCSR for Prairie Grain Road Projects?
(Refer to Decision Points 2.1, 2.2.2., 2.2.3, 2.2.4, and 2.2.5)

Yes ____ **Proceed to 2.2.6 B (below)**

No ____ **Project reclassified to individual screening**

B) Project requires referrals as outlined in parts 2.2.1, 2.2.3, or 2.2.4?

Yes ____ **Proceed to Part 3**

No ____ **Proceed to Part 4**

Decision Summary Notes:

Part 3 Project Referrals

Part 3 is designed to collect and summarize the expert advice and environmental information obtained through project referrals identified in Part 2.2.

3.1 Hydrology

A)	Response to project referral received; documentation attached?	Yes/NA
B)	Is the implementation of the project likely to impact on groundwater:	Yes/No
	<input type="checkbox"/> quality e.g. chemical or biological contamination	
	<input type="checkbox"/> quantity e.g. groundwater recharge, discharge, flow	
	<input type="checkbox"/> water users	
C)	Is the implementation of the project likely to impact on surface drainage patterns?	Yes/No
D)	Additional mitigation conditions recommended and attached?	Yes/NA
E)	Potential for significant residual environmental effects after mitigation:	Neg/Low Med High

3.2 Historical Resources

A)	Response to project referral received; documentation attached?	Yes/NA
B)	Will the project affect sites of cultural, historical, archeological, or paleontological significance?	Yes/No
C)	Is a Historical Resources Impact Assessment required under Provincial legislation?	Yes/No
D)	Additional mitigation conditions recommended and attached?	Yes/NA
E)	Potential for significant residual environmental effects after mitigation:	Neg/Low Med High

3.3 Protected Spaces, Wildlife, and Wildlife Habitat

A)	Response to project referral received; documentation attached?	Yes/NA
B)	Will implementation of the project result in the likely harmful alteration, disruption or destruction of wildlife or wildlife habitat?	Yes/No
C)	Is an authorization required from the Federal Minister of the Environment pursuant to the Wildlife Area Regulations or the Migratory Birds Regulations?	Yes/No
D)	<p>Will implementation of the project result in likely impacts to wildlife habitat for species of concern e.g. migratory birds, rare, threatened, endangered species, important commercial, recreational or subsistence hunting species? List affected species:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	Yes/No
E)	<p>Will the project take place during sensitive time periods for wildlife species of concern? Outline timing restrictions and construction windows for wildlife species of concern;</p> <p>Restricted seasons _____</p> <p>Timing Window _____</p>	Yes/No
F)	<p>Will implementation of the project result in the alteration or destruction of native vegetation habitats? Check all that apply:</p> <p><input type="checkbox"/> Native grassland</p> <p><input type="checkbox"/> Old growth forest</p> <p><input type="checkbox"/> Critical wetlands</p> <p><input type="checkbox"/> Rare, threatened or endangered plant species.</p>	Yes/No
G)	Additional mitigation conditions recommended and attached?	Neg/Low Med
H)	Potential for significant residual environmental effects after mitigation:	High

3.4 Project Referral Summary

Select One Option Only:

- A) Project falls within the scope of the MCSR for Prairie Grain Road Projects. No additional mitigation or actions recommended by referring authorities. Standard class screening mitigation measures apply.

Proceed to Part 4

- B) Project falls within the scope of the MCSR for Prairie Grain Road Projects. Project specific mitigation recommended by referring authorities for impacts to (check all that apply):
 - hydrology
 - protected spaces, wildlife, wildlife habitat
 - historic resources.

**Additional mitigation to be appended to CSPR
Proceed to Part 4**

- C) Project has high potential for significant residual environmental effects after mitigation or requires an authorization or a permit from another Federal Authority related to (please check all that apply):
 - hydrology
 - protected spaces, wildlife, or wildlife habitat
 - historic resources.

**Do not continue with the Class Screening process
Contact your REO to transfer the assessment to
an individual environmental screening process.**

Part 4 - Environmental Effects, Mitigation, and Follow-Up

4.1 Environmental Effects

- A) Is it anticipated that the proposed project will cause adverse environmental effects that have not been described in the MCSR, as summarized in Table A below:

Yes _____ No _____

If yes, briefly describe:

Table A

Environmental Component	Potential Environmental Effect
Airshed	Ambient Air Quality Dust Noise
Soils	Soil mixing and compaction Erosion Contamination
Vegetation	Non-native vegetation removal or damage Native vegetation removal or damage Harvest timber removal or damage
Watershed	Water quality - contamination Hydrology - alteration of surface drainage patterns Navigability - obstruction to navigability
Groundwater	Decline in recharge and supply Aquifer contamination Limited access for groundwater users
Wildlife	Terrestrial wildlife habitat disruption/alteration/destruction
Socio-Economic	Historical resources disruption Agricultural operations disruption Land ownership disruption Other users

4.2 Cumulative Effects

A) Have any other projects or activities been identified that may interact with the environmental effects of the road project?

Yes _____ No _____

If yes, briefly describe; list attached documents as appropriate

B) As a result of interactions with other projects and activities, are cumulative environmental impacts expected to affect:

- | | |
|----------------|-------------------|
| airshed | soils |
| vegetation | watershed |
| groundwater | wildlife |
| socio-economic | none of the above |

If yes to any, briefly describe:

- C) If answered Yes, in Section 4.1 and/or 4.2, specify what mitigation measure(s) will be applied to identified effects and indicate the significance rating for the residual environmental effects and residual cumulative environmental effect(s) following the application of mitigation measures as negligible, low, medium, or high.

If there is a potential for significant residual environmental effects and residual cumulative environmental effects, as identified in sections 4.1 and 4.2

Do not continue with the MCSR Process
Contact you REO to transfer the assessment to an individual environmental screening process.

4.3 Mitigation Summary

Standard MCSR Contract Mitigation to be appended to the CSPR includes (check all that apply):	Additional Mitigation to be appended to the CSPR includes (check all that apply):
A) Road Upgrades B) Bridge Deck Modifications C) Borrow and Aggregate Pits D) Asphalt Plants E) Watercourse/Waterbody Culvert Replacement or Installation F) Other	A) hydrology B) protected spaces, wildlife, wildlife habitat C) wetlands D) historic resources E) cumulative effects

Note: Standard Contract Mitigation is appended to the Model Class Screening Report.

4.4 Follow-Up/Monitoring Requirements

- A) Follow-up and Monitoring activities will include:

statement of completion from project engineer or municipal project manager
 construction progress reports
 federal authority site inspections
 other

- B) Provide additional details on monitoring requirements if any (e.g., timing of reports and site visits, report content, inspection criteria):

COMPLETE PGRP CLASS SCREENING REPORT FORM (PF7210 501)

**ENSURE PROPONENT RECEIVES CONTRACT MITIGATION
AS OUTLINED IN SECTION 4.3 OF THIS REPORT.**



PRAIRIE GRAIN ROADS PROGRAM (PGRP) CLASS SCREENING PROJECT REPORT

PROPOSAL INFORMATION

Project Title	PFRA File Number
	FEAI Reference Number
Applicant	
Location Description / Local Road Name	PFRA Contact

EXCLUSION DECISION

Project can be excluded from assessment pursuant to Exclusion List Regulations:

S.1 Maintenance/repair of existing physical work.

S.15 Road expansion/modification.

S.42 Culvert modification.

SCREENING DECISION

Project is unlikely to cause significant adverse environmental effects taking into account appropriate mitigation. PFRA may take action to allow project to proceed.

Project is likely to cause significant adverse environmental effects. PFRA may not take any action to allow project to proceed.

Uncertain whether project would cause significant adverse environmental effects. Refer to Ministry of the Environment for panel review or mediation.

Uncertain whether significant adverse environmental effects could be justified under the circumstances. Refer to the Ministry of Environment for panel review or mediation.

Public concern merits referral to Ministry of the Environment for panel review or mediation.

Authorization by PFRA Officer

Signature _____ Date _____

Print Name and Position Title _____