

Non-Basic Project Environmental Effects Evaluation – Template

INSTRUCTIONS:

After concluding that an authority must make an environmental effects determination (see Step 1 of the Guidance document¹), posting the Notice of Intent on the Registry² (see Step 2 of the Guidance document) and determining the project classifies as a “non-basic project” (see Step 3 of the Guidance document), complete this form to document the analysis. This template is meant to be used by authorities in determining whether the adverse environmental effects likely to be caused by a project are significant, as well as outlining the associated mitigation measures.

See Step 4b of the [“Projects on Federal Lands and Outside Canada” Guidance document](#) for additional help.

Section A: Project Identification

Project Title:	
Project Start Date:	
Project End Date:	
Project Location:	
Lead authority:	
Contact Name:	
Contact Title:	
Telephone No.:	
Email address:	
Other authority(ies):	
Other authority (ies) contact information (if required):	

Section B: Project Description and Description of the Environment

This section should include information that describe the project and its environment, which should include information on how the project was classified as a **non-basic** project.

Project Description:

¹ Any time the term “Guidance document” is used, it refers to the *Projects on Federal Lands and Outside Canada Guidance document*

² Any time the term “Registry” is used, it refers to the *Canadian Impact Assessment Registry*

Description of the Environment

Use the table below to include information for each phase of the project. The details included should be commensurate with the complexity and potential for environmental effects attached to each project phase. Keep the project phases in work sequence if possible. Add additional rows as required.

Project Phases	Project activities/components (core and ancillary)

Section C: Consultation

Provide a summary of any expert federal authority or any resources consulted, and any comments received during the public consultation period and how they were addressed.

Consultations Summary:

Section D: Consideration of Factors 84 (1)(a) to (d) of the IAA

Following each “Yes” or “No” response, please provide additional details such as any main concerns that have or have not been addressed*.

84(1)(a) – Does the project have the potential to have any adverse impacts on the rights of the Indigenous peoples of Canada recognized and affirmed by section 35 of the *Constitution Act, 1982*? (*Not considered for projects outside Canada*)

☐ Yes

☐ No

** Please note any consultations undertaken with Indigenous peoples, issues raised, if any, and how they were addressed.*

84(1)(b) – Was Indigenous knowledge provided with respect to the project? (*Not considered for projects outside Canada*)

☐ Yes

☐ No

84(1)(c) – Was community knowledge provided with respect to the project?

☐ Yes

☐ No

84(1)(d) – Did the public provide feedback on the project?

☐ Yes

☐ No

Section E: Identify Environmental Effects

Complete the following tables in order to identify the relevant potential adverse environmental effects and identify if they can be reduced through technically and economically feasible mitigation measures.

Please note:

- Answers of “*Yes and can be reduced to a non-significant level through technically and economically feasible mitigation measures*” should be addressed in Section F.
- Answers of “*Yes but cannot be reduced to a non-significant level through technically and economically feasible mitigation measures*” would result in the project likely causing significant adverse environmental effects*.

* If the project is likely to cause significant adverse environmental effects, the authority may not take any action or make any decision that would enable the project to proceed unless the Governor in Council (GIC) determines that those effects are justified in the circumstances under subsection 90(3) of the IAA.

Please refer to “*Environmental effects and project (section 81)*”, in the “Context” section of the [“Projects on Federal Lands and Outside Canada” Guidance document](#) for additional information. Please also refer to Environment and Climate Change Canada’s Application of the Strategic Assessment of Climate Change (SACC) to s. 82 and s. 83 tool and guidance for environmental effects related to GHG emissions.

Biophysical effects			
Does the project have the potential to:	No	Yes, and can be reduced to a non-significant level through technically and economically feasible mitigation measures	Yes, but cannot be reduced to a non-significant level through technically and economically feasible mitigation measures
Alter, disturb, or destroy vulnerable natural features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Release a polluting substance on or into the land, water or air?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alter landscape features (e.g. resource extraction, deforestation, clearing vegetation)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Affect birds, aquatic animals ³ , and wildlife (flora and fauna), including species at risk and its critical habitat?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Result in alteration of water level, quality, flow or management regime in a water body, or result in other important changes to surface or groundwater resources (including well water)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

³ Adapted from section [15] “[Effects to Valued Components – Environment](#)” of the Tailored Impact Statement Guidelines Template for Designated Projects Subject to the *Impact Assessment Act*.

Cause sensory disturbances, such as noise and/or vibrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Result in GHG emissions or impacts on carbon sinks above the threshold suggested by the application of the SACC to s. 82 and s. 83 tool?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cause any other change to the environment on federal lands or incidental to a federal decision?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If so, please describe:			

Impacts on Indigenous peoples

Does the project have the potential to result in changes to the environment that may impact Indigenous peoples, including:	No	Yes, and can be reduced to a non-significant level through technically and economically feasible mitigation measures	Yes, but cannot be reduced to a non-significant level through mitigation measures
Social, economic, and health conditions, including community health specific to Indigenous peoples (e.g. impact to an Indigenous fishery resulting from a change in fish population)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Physical and cultural heritage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of lands and resources for traditional purposes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any structure, site or thing that is of historical, archaeological, paleontological or architectural significance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any other impacts to Indigenous peoples.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If so, please describe:			

Health conditions

Does the project have the potential to result in changes to the environment that may affect health conditions? These changes could be on ⁴ :	No	Yes, and can be reduced to a non-significant level through technically and economically feasible mitigation measures	Yes, but cannot be reduced to a non-significant level through technically

⁴ Adapted from section [16] "[Effects to Valued Components – Human Health](#)" of the Tailored Impact Statement Guidelines Template for Designated Projects Subject to the *Impact Assessment Act*.

			and economically feasible mitigation measures
Air quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise exposure and effects of vibration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Current and future availability of country foods (traditional foods)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Current and future availability of water for drinking, recreational and cultural uses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any other changes that could affect health conditions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If so, please describe:			

Social conditions

Does the project have the potential to result in changes to the environment that may affect social conditions? ⁵ :	No	Yes, and can be reduced to a non-significant level through technically and economically feasible mitigation measures	Yes, but cannot be reduced to a non-significant level through technically and economically feasible mitigation measures
Services and infrastructure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land and resource use and recreation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Navigation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community well-being	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structures, sites, things of historical, archaeological, paleontological or architectural significance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If so, please describe:			

Economic conditions

⁵ Adapted from section [17] "[Effects to Valued Components – Social](#)" of the Tailored Impact Statement Guidelines Template for Designated Projects Subject to the *Impact Assessment Act*.

Does the project have the potential to result in changes to the environment that may affect economic conditions? ⁶ :	No	Yes, and can be reduced to a non-significant level through technically and economically feasible mitigation measures	Yes, but cannot be reduced to a non-significant level through technically and economically feasible mitigation measures
Forestry and logging operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial recreational and sport fishing, hunting, trapping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial outfitters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial recreation and tourism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Agriculture, including predicted effects to livestock health and productivity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other			
If so, please describe:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section F: Technically and Economically Feasible Mitigation Measures

Complete the following table for potential environmental effects and any corresponding technically and economically feasible mitigation measures that the authority is satisfied will be implemented should the project proceed. The table should be replicated as needed for each adverse environmental effect identified in Section E.

Identify if the environmental effect(s) identified above relate(s) to biophysical effects (B), Indigenous peoples (IP) and/or health (H), social (S) or economic (E) conditions by checking the corresponding box for each effect.

Consult section 4.1 of the [“Projects on Federal Lands and Outside Canada” Guidance document](#) for help determining what constitutes environmental effects.

⁶ Adapted from section [18] [“Effects to Valued Components – Economic”](#) of the Tailored Impact Statement Guidelines Template for Designated Projects Subject to the *Impact Assessment Act*.

Potential adverse environmental effect:				B	IP	H	S	E
Description of the potential effect:			Proposed mitigation measure description:					
Magnitude of residual effects	Geographic extent of residual effects	Frequency of residual effects	Duration of residual effects	Reversibility of residual effects	Timing of residual effects			
<input type="checkbox"/> Low amount <input type="checkbox"/> Medium amount <input type="checkbox"/> High amount	<input type="checkbox"/> Small area <input type="checkbox"/> Medium area <input type="checkbox"/> Large area	<input type="checkbox"/> Rarely <input type="checkbox"/> Often <input type="checkbox"/> All the time	<input type="checkbox"/> Short periods <input type="checkbox"/> Medium periods <input type="checkbox"/> Long periods	<input type="checkbox"/> High degree <input type="checkbox"/> Medium degree <input type="checkbox"/> Low degree	<input type="checkbox"/> Not dependant on timing <input type="checkbox"/> Dependant on specific timing			
Potential residual effects after the technical and economically feasible mitigation measures are considered								
<i>Describe residual effects...</i>								
Monitoring to be established								
<i>Describe how the effectiveness of the mitigation measures will be monitored...</i>								
Comments:								

Section G: Determination

Check the box that applies to the statement below in relation to the project identified in Section A of this form.

Taking into account the implementation of the technically and economically feasible mitigation measures outlined in Section F and the other section 84 factors under the IAA, outlined in Section D, this project is:

- ☐ **Not likely** to cause significant adverse environmental effects (the authority can carry out the project, exercise a power, perform a duty or function, or provide financial assistance that could permit or enable the project to proceed.) – *Complete Section H*
- ☐ **Likely** to cause significant adverse environmental effects (the authority may choose not to make any decision or take any action that may permit or enable the project to be carried out; or refer the project to the GIC to determine whether the significant adverse environmental effects are justified in the circumstances under subsection 90(3) of the IAA.) – *Complete Section H*

Rationale:

Section H: Signatures and Approval of Project Determination

Note: After making an environmental effect determination, authorities must post their Notice of Determination on the Registry no earlier than 30 days after posting their Notice of Intent (see Step 2 of the Guidance document). As outlined in the IAA, the Notice of Determination must also include information about any mitigation measures taken into account by an authority when making the determination (ss. 86(2)).

Comments:

Form completed by:

_____ Signature	_____ First and last name	_____ (yyyy/mm/dd) Date
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Approved by:

_____ Signature	_____ First and last name	_____ (yyyy/mm/dd) Date
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