

GUIDE TO COMPLETING THE PROJECT ENVIRONMENTAL IMPACT ASSESSMENT FORM

Form number: 83-183E

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Purpose

The guide is designed to help those responsible for proposed projects on reserve lands to provide the required information to ISC so that a determination can be made under section 82 of the *Impact Assessment Act* (IAA).

The Environmental Review Process (ERP)

A project planning tool that helps determine whether proposed projects on reserve, that are supported by ISC either through funding or an authorization (lease or permit), have the potential to cause significant adverse environmental effects. When potential adverse effects are identified, the ERP ensures that appropriate mitigation measures and best management practices are considered in order to eliminate or reduce impacts on lands, waters and communities.

Accessing Documents in PDF format

Before you can open any of the PDF documents, you will first need to install one of the free PDF reader software programs from the sample list below.

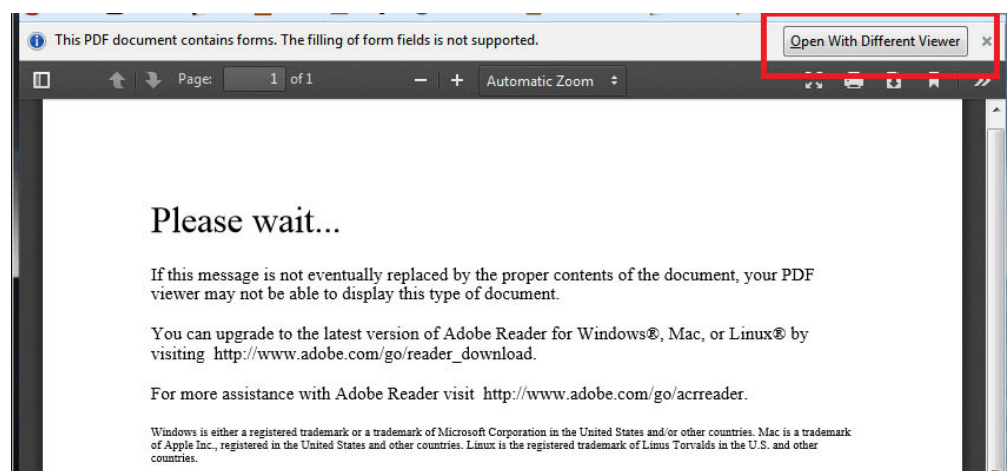
- [Adobe Acrobat Reader \(https://get.adobe.com/reader/\)](https://get.adobe.com/reader/)
- [Foxit Reader \(https://www.foxit.com/pdf-reader/\)](https://www.foxit.com/pdf-reader/)
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These websites are outside of the control of Indigenous Services Canada and are listed solely for the convenience of our users. Indigenous Services Canada does not endorse any of the software found on these sites and is unable to provide technical assistance to users who install this software on their computers.

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Option 1:

- In the top right corner of the browser window, look for a "button" that says "Open with a Different Viewer"
- Choose your installed PDF Reader software (Acrobat etc.)
- If this button does not appear, use "Option 2"



Option 2:

To download and open a PDF form, you need to have Adobe reader 10 or higher installed. Mobile devices such as iPads, tablets and mobile phones can't be used for these forms.

PC users

- Find the link of the file you want to save (you may need to go back to the previous page to find it)
- Right-click the link.
- Select "Save target as" or "Save link as".
- Choose the location on your computer where you would like to save the file.
- Select "Save".
- Use Windows Explorer to get to the location where you saved the file.
- Right click on the PDF file.
- Select "Open with".
- Select "Choose program".
- Select "Adobe Acrobat Reader".
- Make sure to check the box that says "Always use this program to open these files".
- Select "OK".

Mac users

- Find the link of the file you want to save (you may need to go back to the previous page to find it)
- Press the Control (ctrl) key and click on the link
- When the option menu appears, choose "Download link to disk" or "Download linked file".
- Choose the location on your computer where you would like to store the file. Your computer will start the download once you have selected a location.
- Use [Spotlight or Finder](https://support.apple.com/en-ca/guide/mac-help/mchlp2605/mac) (<https://support.apple.com/en-ca/guide/mac-help/mchlp2605/mac>) to look for the downloaded file.

Guidance on filling out the Project Environmental Impact Assessment Form

- It is mandatory to complete section 1 & 2 of the Project Description Form and submit it to your respective Regional Environment Office for review.
- If more text space is needed when filling out the **PDF Print Only** version of the form, feel free to attach additional pages as needed.
- Once reviewed, an Environment officer will determine if further completion of the form is required and will contact the necessary parties as needed.

Field	Description & Guidance
Section 1) Environmental Review Requirement	
The project will:	
A. Involve physical activities?	Select ' Yes/No ' to indicate if there are physical activities involved with the project. Physical activities as defined under the <i>Impact Assessment Act</i> .
B. Involve physical works?	Select ' Yes/No ' to indicate if there are physical works involved with the project. Physical works as defined under the <i>Impact Assessment Act</i> .

<p>C. Take place on reserve land or other federal land?</p>	<p>Select 'Yes/No' to indicate if the project will take place on reserve land or other federal land.</p> <p>If the project is taking place on reserve, but is not being enabled by ISC through a lease, permit or funding, there is a chance that the project does not require an environmental review by ISC.</p> <p>If the project is taking place on federal lands not on reserve, the project is likely subject to an environmental review by another federal authority and may require a due diligence review.</p>
<p>D. Take place on pre-Addition to Reserve land or Band-owned fee-simple land?</p>	<p>Select 'Yes/No' to indicate if the project will take place on pre-Addition to Reserve land or Band-owned fee-simple land.</p> <p>If Yes, the project may be subject to a due diligence review if ISC is enabling the project through an authorization or funding.</p>
<p>E. Involve funding from Indigenous Services Canada or other federal authorities?</p>	<p>Select 'Yes/No' to indicate if the project will involve funding from Indigenous Services Canada or other federal authorities.</p> <p>If Yes, indicate which other authorities are involved in the space provided. Indicate the source(s) of funding if another authority is supporting the project.</p> <p>If the project is being funded by ISC, there is a very high likelihood that the project will require an environmental review. If the project is being funded by a federal authority other than ISC, it is likely subject to a review process by that federal authority. If ISC <u>and</u> another federal authority are funding the project, the authorities will collaborate on their reviews.</p>
<p>F. Project requires an <i>Indian Act</i> land instrument or other federal authorizations?</p>	<p>Select 'Yes/ No/Unknown' to indicate if the project requires an <i>Indian Act</i> land instrument or other federal authorizations.</p> <p>If Yes, provide details on the authorization(s) required from ISC and/or other federal authorities.</p> <p>If ISC is issuing a land instrument, the project is likely subject to an environmental review. If the project requires an authorization from a federal authority other than ISC (e.g., permit and/or approval under the <i>Fisheries Act</i> or <i>Species at Risk Act</i>), the project is likely subject to a review process by that federal authority. If ISC and another federal authority are issuing authorizations required for the project, the authorities will collaborate on their reviews.</p>

	Identify all permits, licenses or approvals that need to be obtained for the project, if known.
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If “No” to **A**, **B** and/or **C**, or are unsure of any of the above questions, please contact your ISC [Regional Environment Office](#) before completing the rest of the form to determine if your project requires an environmental review.

1.1 Contact Information	<p>Contact information for the proponent representative, the First Nation contact representative and Third-Party Proponent should be provided.</p> <p>The Third-Party Proponent information should be filled out if a consultant/consulting firm is acting on behalf of the First Nation/Proponent. In this case, the third-party proponent is proposing to construct and operate the proposed project.</p> <p>Please include for the proponent representative, the First Nation contact and/or the Third-Party Proponent:</p> <ul style="list-style-type: none">• Given (first) name• Family (last) name• Position and/or role• Telephone number (valid 10 digit number without spaces or brackets in the format)• Email address• Mailing address (number/street/apartment/P.O.Box)• Postal code (valid postal code in the format: A9A9A9)• Company Name (for Third-Party Proponent only)
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1.2 Project Information

The following project information should be provided:

- Region (select from drop list)
 - Alberta
 - Atlantic
 - British Columbia
 - Manitoba
 - Northern
 - Ontario
 - Quebec
 - Saskatchewan
- First Nation/Indigenous Community/reserve (name of)
- Band Number of the First Nation where the project is expected to occur (if applicable)
- Expected projected start date and end date (YYYY/MM/DD)
- [Project coordinates](#)
- Project Descriptor (select from drop down menu)
 - Cultural project
 - Natural Resources
 - Environmental Management
 - Infrastructure
- Project Descriptor type based on the selected project descriptor (select from drop down menu)
 - Cultural project:
 - Archeological investigation
 - Burial grounds
 - Pow Wow grounds
 - Other cultural projects
 - Natural Resources:
 - Agriculture
 - Alternative energy
 - Aquaculture
 - Forestry
 - Hydroelectric energy
 - Mines and minerals
 - Nuclear energy
 - Oil and gas
 - Seismic activities
 - Other natural resources project
 - Environmental Management:
 - Alteration of flora, fauna, or soil
 - Dredging, filling, salvaging dredge spoil disposal
 - Hazardous waste (excluding nuclear)
 - Remediation of contaminated land
 - Scientific monitoring and research
 - Solid wastes
 - Water management

- Other environmental management project
- Infrastructure:
- Agriculture building / Property development (e.g., barn, storage building farm equipment, etc.)
 - Airports and airfields
 - Bridges and culverts
 - Commercial / Industrial building / Property development (e.g., gas station / bar, factory, industrial parks, asphalt production, leather tannery, etc.)
 - Communications and radar
 - Communication building / Property development (e.g., health center, hospital, school, church, fire hall, etc.)
 - Dams, weirs, and reservoirs
 - Highways and roads
 - Ports and harbors
 - Railways
 - Recreational / Tourism building / Property development (e.g., museum, hotel, recreational trail, recreational vehicle park, casino, water park, ski facilities, etc.)
 - Residential buildings / Property development (e.g., housing, detached/attached accessory to house, subdivision, etc.)
 - Other infrastructure projects

- Project name
- ISC project code/number (if applicable)
- Size/Footprint of all proposed structures and associated physical works (in square meters)
- Project Location (use *Supporting Documents* table below to append a map)
- Initial state of project (select from drop down menu):
 - [Virgin land](#): Often used interchangeably with undeveloped land but usually implies that the land is in its natural state and has never been used or altered by human activities.
 - [Undeveloped land](#): Parcels of land that have not been significantly altered by human activity. This type of land may lack basic infrastructure such as roads, utilities, and buildings.
 - [Developed land](#): Land that has been improved by human activities and typically features infrastructure like roads, utilities, buildings, or other structures.

	<ul style="list-style-type: none"> ➤ Previously burned: An area characterized by deposits of charcoal and ash, removal of vegetation, and alteration of the vegetation structure due to wildfire and/or prescribed/traditional burns. • Cultural considerations considered during site selection, design, construction and operations (Consult the First Nation Coordinator, or similar, on appropriate requirements and contacts to discuss how to proceed in a way that aligns with the First Nation's vision and standards)
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1.3 Project Description

Mandatory section. Please provide as much information as possible, to the best of your knowledge.

A complete and concise description of the project and all [physical activities](#) and [physical works](#) involved with it should be provided in each sub-category. This should include a description of any significant environmental features or landmarks in the project area. In addition, it should include any existing physical works associated with the project, if applicable, and the existing state of the project site.

<p>Define the scope of the project</p>	<p>Provide a brief project overview. Please include nature of the project, a description of the physical works that are related to the project, as well as the purpose, size, capacity, and expected lifespan of the project. Include land area required and attach any maps, plans or figures with your submission.</p> <p>Below are some guiding questions to ensure all pertinent information is provided (if applicable):</p> <ul style="list-style-type: none"> - What is the project? - What is being built? - Provide a greater description of the site location - Describe how cultural considerations will be considered during site selection, design, construction and facility operations? - The reason for the project - Timeline and key activities
<p>Describe the infrastructure needed for the project</p>	<p>Describe any new or existing permanent and/or temporary infrastructure required for this project, (e.g. Fuels tanks, buildings, garages, sewer lines, gas lines, power lines communication lines, etc.)</p> <p>Below are some guiding questions to ensure all pertinent information is provided (if applicable):</p> <ul style="list-style-type: none"> - What existing infrastructure is present (describe age, condition, function) either on the site or nearby? - How close will the project be to existing infrastructure? - Does the project involve repairs or new construction? - What physical works/infrastructure are being built in the scope of the project?

<p>Describe the activities involved throughout the life-cycle of the project</p>	<p>Describe project activities. Include activities associated with pre-planning, site preparation, construction phases, operation, and decommissioning.</p> <p>Below are some guiding questions to ensure all pertinent information is provided (if applicable):</p> <p>Planning and design phase</p> <ul style="list-style-type: none"> - Is there a community development plan in place? - How has energy efficiency been considered? - How has fire safety been considered? - How has public safety been considered? - How have riparian zones been established? <p>Site Preparation</p> <ul style="list-style-type: none"> - Clean-up of site before construction? - What clearing and grubbing is required? - Will vegetation buffer zones be created? - How will culverts be installed? - What grading and fill will be used? How much granular material? - Is there any required demolition and decommissioning of infrastructure? <p>During Construction</p> <ul style="list-style-type: none"> - Outline the steps to constructing the project to completion after site preparation - Is a fuel tank needed on site? - What will be the fueling and spill practices? If yes, how large and for how long is it being used? - Are there construction zone safety practices? <p>De-mobilization and Clean-up</p> <ul style="list-style-type: none"> - What clean-up and demobilization on residential sites will be required? - Will there be a temporary staging area?
<p>Describe the waste generation of the project</p>	<p>Describe all solid, liquid, gaseous or hazardous waste that is likely to be generated during any phase of the project and of plans to manage those wastes.</p> <p>Below are some guiding questions to ensure all pertinent information is provided (if applicable):</p> <ul style="list-style-type: none"> - What kind of waste will be generated, i.e. is it hazardous, construction or residential waste? - What facility will the generated waste go to? - How will recycling be considered? - If hazardous, how will the waste be generated and disposed of? <p>If the project is a repair, has the site or project been assessed for hazardous materials?</p>

Describe quarry materials that will be used for the project	<p>Describe any and all quarry materials that will be used for the project.</p> <p>Below are some guiding questions to ensure all pertinent information is provided (if applicable):</p> <ul style="list-style-type: none"> - Location of the quarry and/or pit? - Is the material to be taken from an existing or proposed quarry/pit? <p>Provide any and all supporting documents (if applicable), associated with the scope, infrastructure needs, physical activities and works, waster generation, and quarry materials, of the project.</p>
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Provide any additional supporting documents as it relates to the Project Description (if applicable). This includes maps, engineer drawings, proposals, site plans, reports, surveys, etc.

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

1.4 Project Works

Pre-Construction/Construction	<p>Select all that apply.</p> <p>Any further information you wish to include that is not already mentioned can be specified in <i>Other</i>.</p> <p>Refer to glossary for definitions of Clearing of trees, Demolition, On-site equipment maintenance and re-fueling, Re-grading, Grubbing and Waste generation.</p>
Operation/Post-Construction	<p>Select all that apply.</p> <p>Any further information you wish to include that is not already mentioned can be specified in <i>Other</i>.</p>

Space is provided in *Details* to list any project information selected in section 1.4, including

- The size and/or quantity of project works, wherever applicable;
- If tree clearing is required, the area of clearing, the quantity and timing of clearing, and how the timber will be used; and
- Any waste that will be generated through project activities.

Any required ISC Timber Permit or Sand/Gravel Permit should be obtained prior to the commencement of work.

Voluntary carbon offsets are encouraged for both pre-construction/construction and operation/post-construction works. If carbon offsets are to be implemented, please provide details of its execution in section 5 of the Form.

Field	Description & Guidance
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Section 2) Project Site Description

2.1 Water Bodies / Navigable Waters

<p>A. Water bodies within 30m of the proposed location of the project?</p>	<p>Select 'Yes/No' to indicate if there are water bodies within 30m of the proposed project location.</p> <p>If Yes, select all that apply.</p> <p>In Other, please specify the type and name of water body not listed.</p> <p>In <i>Supporting details</i> include:</p> <ul style="list-style-type: none">• any drinking water wells or aquifer recharge zones (i.e., a land area which water can infiltrate into and replenish an aquifer relatively easily);• the depth to groundwater, if known;• if there is a transition zone between the fresh water and sea water. <p>Refer to the glossary for definitions of water bodies, wetland, and estuary.</p>
<p>B. Water body, identified in 2.1A, is a Navigable Water as defined in the <i>Canadian Navigable Waters Act</i>?</p>	<p>Select 'Yes/No' to indicate if the Waterbody is a Navigable Water as defined in the <i>Canadian Navigable Waters Act</i>.</p> <p>See definition of Navigable Water as defined in the Canadian Navigable Waters Act (https://laws.justice.gc.ca/eng/acts/n-22/index.html)</p> <p>Please refer to the schedule (https://laws-lois.justice.gc.ca/eng/acts/n-22/page-7.html) of waterways is established under the Canadian Navigable Waters Act (https://laws.justice.gc.ca/eng/acts/n-22/index.html) to identify navigable waters.</p>
<p>C. Project involves in-water activities of navigable water such as</p> <ul style="list-style-type: none">- Installing any structure, device or other thing, whether temporary or permanent, that is made by humans, including a structure, device or other thing used for the repair or maintenance of another work, <p>OR</p>	<p>Select 'Yes/No'.</p>

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- | | |
|--|--|
| <ul style="list-style-type: none">- Dumping fill, or any excavation or dredging of materials from the bed. | |
|--|--|
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If “Yes” in **B** and **C**, project may be subject to review by:

Transport Canada

- [Approval under subsection 5\(1\) of the Canadian Navigable Waters Act](#) (<https://laws-lois.justice.gc.ca/eng/acts/N-22/page-1.html#h-1198467>): According to section 3 of the *Canadian Navigable waters Act (CNWA)*, it is prohibited to construct, place, alter, repair, rebuild, remove or decommission a work in, on, over, under, through or across any navigable water that is listed in the schedule except in accordance with this Act or any other federal Act. Under subsection 5(1) of the CNWA, an owner may construct, place, alter, repair, rebuild, remove or decommission a work in, on, over, under, through or across any navigable water that is listed in the schedule that the Minister has determined under section 5 is likely to substantially interfere with navigation, only if the Minister has issued approval for such work.

For more information refer to [Works on navigable waters in Canada](#) (<https://tc.canada.ca/en/programs/navigation-protection-program/works-navigable-waters-canada>)

Please contact [Transport Canada’s Navigation Protection Program](#) (<https://tc.canada.ca/en/marine/contact-navigation-protection-program-receiver-wreck>) for more information.

Department of Fisheries and Oceans Canada

- [Authorization under Subsection 73\(1\) of the Species at Risk Act](#) ([https://laws.justice.gc.ca/eng/acts/S-15.3/page-5.html#h-435095:~:text=73%C2%A0\(1\)%C2%A0The%20competent%20minister%20may%20enter%20into%20an%20agreement%20with%20a%20person%2C%20or%20issue%20a%20permit%20to%20a%20person%2C%20authorizing%20the%20person%20to%20engage%20in%20an%20activity%20affecting%20a%20listed%20wildlife%20species%2C%20any%20part%20of%20its%20critical%20habitat%20or%20the%20residences%20of%20its%20individuals.](https://laws.justice.gc.ca/eng/acts/S-15.3/page-5.html#h-435095:~:text=73%C2%A0(1)%C2%A0The%20competent%20minister%20may%20enter%20into%20an%20agreement%20with%20a%20person%2C%20or%20issue%20a%20permit%20to%20a%20person%2C%20authorizing%20the%20person%20to%20engage%20in%20an%20activity%20affecting%20a%20listed%20wildlife%20species%2C%20any%20part%20of%20its%20critical%20habitat%20or%20the%20residences%20of%20its%20individuals.)): Permits are required by those persons conducting activities affecting species listed on [Schedule 1](#) (<https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html>) of Species at Risk Act (SARA) as Extirpated, Endangered, or Threatened, that is, activities which contravene the Act's general or critical habitat prohibitions, an Emergency Order issued under s.80 of SARA or regulations made under subsections 53, 59 or 71. Approval from Department of Fisheries and Oceans Canada is required if the project involves an activity that affects a SARA prohibited aquatic species, such as:
 - fish
 - shellfish
 - crustaceans
 - marine animals
 - marine plants

See DFO’s [aquatic species at risk maps](#) (<https://www.dfo-mpo.gc.ca/species-especies/sara-lep/map-carte/index-eng.html>) to determine where SARA-listed aquatic species or critical habitat occurs.

- [Authorization under paragraph 34.4\(2\)\(b\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=34.4%C2%A0(1,by%20the%20Minister%3B):) (https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=34.4%C2%A0(1,by%20the%20Minister%3B):): Authorize a work, undertaking or activity that results in the death of fish, other than by fishing.
- [Authorization under paragraph 35 \(2\) \(b\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=35%C2%A0(1,by%20the%20Minister%3B):) (https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=35%C2%A0(1,by%20the%20Minister%3B):): Authorize a work, undertaking or activity that results in the harmful alteration, disruption or destruction of fish habitat.
- [Authorization under subsection 42.02\(1\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=Arrangements%20respecting%20fish.a%20conservation%20project.):) (https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=Arrangements%20respecting%20fish.a%20conservation%20project.): Enter into a fish habitat bank arrangements with any proponent, which would include, for instance, the description of the:
 - (a) [Paragraph 42.02\(3\)\(a\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(3)%C2%A0An%20arrangement.project%20and%20service%20area%3B):) (https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(3)%C2%A0An%20arrangement.project%20and%20service%20area%3B): proposed fish habitat bank, conservation project and service area;
 - (b) [Paragraph 42.02\(3\)\(c\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(c)%C2%A0a%20description,administration%20of%20the%20arrangement%3B):) (https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(c)%C2%A0a%20description,administration%20of%20the%20arrangement%3B): administration, management and general operation of the arrangement by the parties.

For more information, please refer to [Projects near water](https://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html) (https://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html).

Please refer to [DFO's standards and codes of practice](https://www.dfo-mpo.gc.ca/pnw-ppe/practice-pratique-eng.html) (https://www.dfo-mpo.gc.ca/pnw-ppe/practice-pratique-eng.html) for more information and guidance of specific minor projects, and as it may pertain to your project.

Supporting details: Provide information to support the response, including any assessment performed to determine the water body's status as a navigable or non-navigable water. Include information on assessment methods and justification.

Supporting documents: If possible, include any supporting documents such as, maps, surveys, reports, or other relevant documentation, including information sources, department reviews or letters, etc.

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

2.2. Vegetation

<p>A. Vegetation Species at Risk (including lichens and mosses), potentially present or confirmed present near or within project site?</p>	<p>Select 'Yes/No'.</p> <p>"Vegetation" is a broad term and is not a single taxonomic group under the Species at Risk Act (https://laws.justice.gc.ca/eng/acts/s-15.3/page-1.html), please consult the many taxonomic groups that are</p>
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considered under the “vegetation” group such as, lichen, mosses and plants.

Please consult the list of species in [Schedule 1 \(https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html\)](https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html) of SARA.

If **Yes**, describe the appropriate mitigation measure(s) and how they will be implemented.

Additional space in *Supporting details* is provided for specific information to support the response, including:

- Vegetation types (at risk and not) near the project site;
- Dates and methods of species surveys;
- Information sources used to support the response if you indicated that there are no vegetation Species at Risk present near the project site.

For more information, visit the Government of Canada’s webpage on [Species at Risk \(https://www.canada.ca/en/services/environment/wildlife-plants-species/species-risk.html\)](https://www.canada.ca/en/services/environment/wildlife-plants-species/species-risk.html) to get more information on the *Species at Risk Act*, the public registry and educational material.

If possible, attach the additional supporting documents:

- Relevant maps
- Surveys
- Reports

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not ‘print’, ‘save as’, or ‘print to pdf’ as this flattens the file to an image and all supporting documents attached will be lost.

If **Yes**, the project may be subject to a review and a permit may be required by Environment and Climate Change Canada (ECCC).

Permits are required by those persons conducting activities affecting species listed on [Schedule 1 \(https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html\)](https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html) of SARA as Extirpated, Endangered, or Threatened, that is, activities which contravene the Act’s general or critical habitat prohibitions, an Emergency Order issued under s.80 of SARA or regulations made under subs. 53, 59 or 71.

ECCC is responsible for issuing permits as they relate to all listed species, excluding:

- Aquatic species (as defined by SARA¹, other than species in waters found on federal lands administered by the Parks Canada Agency (PCA);
- Species that occur on federal lands administered by PCA, including species of fish (as defined by SARA) and of migratory birds²

For more information, refer to [Species at Risk Act permits and agreements \(https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/permits-agreements-exceptions/permits-agreements-information.html\)](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/permits-agreements-exceptions/permits-agreements-information.html) and [Guidelines for permitting under Section 73 of Species at Risk Act \(https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/policies-guidelines/permitting-under-section-73.html\)](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/policies-guidelines/permitting-under-section-73.html).

Please contact the [ECCC Canadian Wildlife Service regional offices \(https://www.canada.ca/en/environment-climate-change/services/species-risk-act-accord-funding/contact-canadian-wildlife-service-regional-offices.html\)](https://www.canada.ca/en/environment-climate-change/services/species-risk-act-accord-funding/contact-canadian-wildlife-service-regional-offices.html) for more information.

2.3 Birds

Indicate if any of the following are potentially present or confirmed present near or within project site.

<p>A. Migratory birds, their nests or eggs?</p>	<p>Select 'Yes/No'.</p> <p>Migratory birds as defined in the Migratory Birds Convention Act (https://laws-lois.justice.gc.ca/eng/acts/m-7.01/).</p>
<p>B. Bird Species at Risk?</p>	<p>Select 'Yes/No'.</p> <p>Please consult the list of species in Schedule 1 (https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html) of SARA.</p>
<p>C. Critical habitat for bird species?</p>	<p>Select 'Yes/No'.</p> <p>Critical habitat as defined under Species at Risk Act.</p> <p>Refer to the Critical Habitat for Species at Risk Map (https://search.open.canada.ca/openmap/47caa405-be2b-4e9e-8f53-c478ade2ca74) to determine where SARA-listed critical habitat occurs.</p>
<p>D. Habitat features important for bird species (e.g., cliff nests, stick nest trees, breeding habitat)?</p>	<p>Select 'Yes/No'.</p>

If "Yes" to any list items, describe the appropriate mitigation measure(s) and how they will be implemented.

¹ SARA defines "aquatic species" as a wildlife species that is a fish, taken from the definition in s. 2 of the [Fisheries Act \(https://laws-lois.justice.gc.ca/eng/acts/f-14/\)](https://laws-lois.justice.gc.ca/eng/acts/f-14/) or a marine plant, as written in s.47 of that Act.

² While the Minister of ECCC is currently responsible for the PCA, note that PCA operates separately from ECCC in fulfilling its own particular role under SARA, and it should never be assumed that information exchanged with ECCC will be automatically shared with PCA or vice versa.

Supporting details: Provide supporting information for the noted responses, including:

- Any birds species present near the project site;
- Dates and methods of species surveys;
- If indicated that there are no birds or bird habitat present near the project site, identify information sources used to support the responses.

Supporting documents: describe and include the applicable supporting documentation

- Relevant maps;
- Surveys;
- Reports;
- Other documentation.

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

If **Yes**, the project may be subject to a review and a permit may be required by Environment and Climate Change Canada (ECCC).

Permits are required by those persons conducting activities affecting species listed on [Schedule 1](https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html) (<https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html>) of SARA as Extirpated, Endangered, or Threatened, that is, activities which contravene the Act's general or critical habitat prohibitions, an Emergency Order issued under s.80 of SARA or regulations made under subs. 53, 59 or 71.

ECCC is responsible for issuing permits as they relate to all listed species, excluding:

- Aquatic species (as defined by SARA³, other than species in waters found on federal lands administered by the Parks Canada Agency (PCA)).
- Species that occur on federal lands administered by PCA, including species of fish (as defined by SARA) and of migratory birds⁴

For more information, refer to [Species at Risk Act permits and agreements](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/permits-agreements-exceptions/permits-agreements-information.html) (<https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/permits-agreements-exceptions/permits-agreements-information.html>) and [Guidelines for permitting under Section 73 of Species at Risk Act](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/policies-guidelines/permitting-under-section-73.html) (<https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/policies-guidelines/permitting-under-section-73.html>).

Please contact the [ECCC Canadian Wildlife Service regional offices](https://www.canada.ca/en/environment-climate-change/services/species-risk-act-accord-funding/contact-canadian-wildlife-service-regional-offices.html) (<https://www.canada.ca/en/environment-climate-change/services/species-risk-act-accord-funding/contact-canadian-wildlife-service-regional-offices.html>) for more information.

Permits may be issued under the [Migratory Bird Sanctuary Regulations](https://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1036/index.html) (https://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1036/index.html) with conditions for the

³ SARA defines "aquatic species" as a wildlife species that is a fish, taken from the definition in s. 2 of the [Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/) (<https://laws-lois.justice.gc.ca/eng/acts/f-14/>), or a marine plant, as written in s.47 of that Act.

⁴ While the Minister of ECCC is currently responsible for the PCA, note that PCA operates separately from ECCC in fulfilling its own particular role under SARA, and it should never be assumed that information exchanged with ECCC will be automatically shared with PCA or vice versa.

husbandry, release, scaring, capture, killing or disposal of migratory birds, or any other matter concerning the conservation of migratory birds.

Please [Contact the Canadian Wildlife Service offices \(by region\)](https://www.canada.ca/en/environment-climate-change/services/migratory-bird-permits/application-forms.html) (<https://www.canada.ca/en/environment-climate-change/services/migratory-bird-permits/application-forms.html>) for more information.

2.4 Terrestrial Wildlife

Indicate if any of the following are potentially present or confirmed present near or within project site.

A. Wildlife Species at Risk?	Select ' Yes/No '. Species at Risk as defined in the <i>Species at Risk Act</i> . Please consult the list of species in Schedule 1 (https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html) of SARA.
B. Critical habitat for terrestrial wildlife species?	Select ' Yes/No '. Critical habitat as defined in the <i>Species at Risk Act</i> . Refer to the Critical Habitat for Species at Risk Map (https://search.open.canada.ca/openmap/47caa405-be2b-4e9e-8f53-c478ade2ca74) to determine where SARA-listed critical habitat occurs.
C. Habitat features important for terrestrial wildlife species (e.g., hibernacula, roosting habitat, breeding habitat, dens)?	Select ' Yes/No '.

If **Yes** to any list items, please describe the appropriate mitigation measure(s) and how they will be implemented in section 5.

Supporting details: provide supporting information for the noted responses, including:

- The terrestrial species, at risk or not, at or near the project site;
- Dates and methods of species surveys;
- If indicated that there are no wildlife or wildlife habitat present at or near the project site, identify information sources used to support the responses.

Supporting documentation: describe and include the applicable supporting documentation

- Relevant maps;
- Surveys;
- Reports;
- Other documentation.

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

If **Yes**, the project may be subject to a review and a permit may be required by Environment and Climate Change Canada (ECCC).

Permits are required by those persons conducting activities affecting species listed on [Schedule 1](https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html) (<https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html>) of SARA as Extirpated, Endangered, or Threatened, that is, activities which contravene the Act's general or critical habitat prohibitions, an Emergency Order issued under s.80 of SARA or regulations made under subs. 53, 59 or 71.

ECCC is responsible for issuing permits as they relate to all listed species, excluding:

- Aquatic species (as defined by SARA⁵, other than species in waters found on federal lands administered by the Parks Canada Agency (PCA).
- Species that occur on federal lands administered by PCA, including species of fish (as defined by SARA) and of migratory birds⁶

For more information, refer to [Species at Risk Act permits and agreements](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/permits-agreements-exceptions/permits-agreements-information.html) (<https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/permits-agreements-exceptions/permits-agreements-information.html>) and [Guidelines for permitting under Section 73 of Species at Risk Act](https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/policies-guidelines/permitting-under-section-73.html) (<https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/policies-guidelines/permitting-under-section-73.html>).

Please contact the [ECCC Canadian Wildlife Service regional offices](https://www.canada.ca/en/environment-climate-change/services/species-risk-act-accord-funding/contact-canadian-wildlife-service-regional-offices.html) (<https://www.canada.ca/en/environment-climate-change/services/species-risk-act-accord-funding/contact-canadian-wildlife-service-regional-offices.html>) for more information.

2.5 Fish and Aquatic Wildlife

Indicate if any of the following are potentially present or confirmed present near or within project site.

<p>A. Aquatic Species at Risk?</p>	<p>Select 'Yes/No'.</p> <p>Aquatic species as defined in the <i>Species at Risk Act</i>: a wildlife species that is a fish, as defined in section 2 of the <i>Fisheries Act</i> (https://laws-lois.justice.gc.ca/eng/acts/F-1) or a marine plant, as defined in section 47 of that Act.</p> <p>Marine plant as defined in the <i>Fisheries Act</i> (https://laws-lois.justice.gc.ca/eng/acts/F-1): includes all benthic and detached algae, marine flowering plants, brown algae, red algae, green algae and phytoplankton.</p> <p>See DFO's aquatic species at risk maps (https://www.dfo-mpo.gc.ca/species-especies/sara-lep/map-carte/index-eng.html) to</p>
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⁵ SARA defines "aquatic species" as a wildlife species that is a fish, taken from the definition in s. 2 of the [Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/F-1), or a marine plant, as written in s.47 of that Act.

⁶ While the Minister of ECCC is currently responsible for the PCA, note that PCA operates separately from ECCC in fulfilling its own particular role under SARA, and it should never be assumed that information exchanged with ECCC will be automatically shared with PCA or vice versa.

	determine where SARA-listed aquatic species or critical habitat occurs.
B. Critical habitat for aquatic wildlife species?	Select 'Yes/No'. <u>Critical habitat</u> as defined in the <i>Species at Risk Act</i> . Refer to the <u>Critical Habitat for Species at Risk Map</u> (https://search.open.canada.ca/openmap/47caa405-be2b-4e9e-8f53-c478ade2ca74) to determine where SARA-listed critical habitat occurs.
C. Habitat features important for aquatic species (e.g., spawning habitat, rearing habitat, clam beds)?	Select 'Yes/No'.
D. Known or suspected aquatic invasive species?	Select 'Yes/No'.

If "Yes" to any list items, describe the appropriate mitigation measure(s) and how they will be implemented.

Supporting details: provide supporting information for the noted responses, including:

- Any birds species present near the project site;
- Dates and methods of species surveys;
- If indicated that there are no birds or bird habitat present near the project site, identify information sources used to support the responses.

Supporting documentation: describe and include the applicable supporting documentation.

- Relevant maps;
- Surveys;
- Reports
- Other documentation;

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

If **Yes**, the project may be subject to a review and a permit may be required by:

Department of Fisheries and Oceans Canada

- **Authorization under Subsection 73(1) of the Species at Risk Act** ([https://laws.justice.gc.ca/eng/acts/S-15.3/page-5.html#h-435095:~:text=73%C2%A0\(1\)%C2%A0The%20competent%20minister%20may%20enter%20into%20an%20agreement%20with%20a%20person%2C%20or%20issue%20a%20permit%20to%20a%20person%2C%20authorizing%20the%20person%20to%20engage%20in%20an%20activity%20affecting%20a%20listed%20wildlife%20species%2C%20any%20part%20of%20its%20critical%20habitat%20or%20the%20residences%20of%20its%20individuals.](https://laws.justice.gc.ca/eng/acts/S-15.3/page-5.html#h-435095:~:text=73%C2%A0(1)%C2%A0The%20competent%20minister%20may%20enter%20into%20an%20agreement%20with%20a%20person%2C%20or%20issue%20a%20permit%20to%20a%20person%2C%20authorizing%20the%20person%20to%20engage%20in%20an%20activity%20affecting%20a%20listed%20wildlife%20species%2C%20any%20part%20of%20its%20critical%20habitat%20or%20the%20residences%20of%20its%20individuals.)): Permits are required by those persons conducting activities affecting species listed on Schedule 1 (<https://laws.justice.gc.ca/eng/acts/s-15.3/page-10.html>) of Species at Risk Act (SARA) as Extirpated, Endangered, or

Threatened, that is, activities which contravene the Act's general or critical habitat prohibitions, an Emergency Order issued under s.80 of SARA or regulations made under subsections 53, 59 or 71. Approval from Department of Fisheries and Oceans Canada is required if the project involves an activity that affects a SARA prohibited aquatic species, such as:

- fish
- shellfish
- crustaceans
- marine animals
- marine plants

See DFO's [aquatic species at risk maps](https://www.dfo-mpo.gc.ca/species-especies/sara-lep/map-carte/index-eng.html) (<https://www.dfo-mpo.gc.ca/species-especies/sara-lep/map-carte/index-eng.html>) to determine where SARA-listed aquatic species or critical habitat occurs.

- [Authorization under paragraph 34.4\(2\)\(b\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=34.4%C2%A0(1,by%20the%20Minister%3B):) ([https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=34.4%C2%A0\(1,by%20the%20Minister%3B\)](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=34.4%C2%A0(1,by%20the%20Minister%3B):)): Authorize a work, undertaking or activity that results in the death of fish, other than by fishing.
- [Authorization under paragraph 35 \(2\) \(b\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=35%C2%A0(1,by%20the%20Minister%3B):) ([https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=35%C2%A0\(1,by%20the%20Minister%3B\)](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=35%C2%A0(1,by%20the%20Minister%3B):)): Authorize a work, undertaking or activity that results in the harmful alteration, disruption or destruction of fish habitat.
- [Authorization under subsection 42.02\(1\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=Arrangements%20respecting%20fish,a%20conservation%20project.):) (https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=Arrangements%20respecting%20fish,a%20conservation%20project.:)): Enter into a fish habitat bank arrangements with any proponent, which would include, for instance, the description of the:
 - (c) [Paragraph 42.02\(3\)\(a\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(3)%C2%A0An%20arrangement,project%20and%20service%20area%3B):) ([https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=\(3\)%C2%A0An%20arrangement,project%20and%20service%20area%3B](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(3)%C2%A0An%20arrangement,project%20and%20service%20area%3B):)): proposed fish habitat bank, conservation project and service area;
 - (d) [Paragraph 42.02\(3\)\(c\) of the Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(c)%C2%A0a%20description,administration%20of%20the%20arrangement%3B):) ([https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=\(c\)%C2%A0a%20description,administration%20of%20the%20arrangement%3B](https://laws-lois.justice.gc.ca/eng/acts/f-14/FullText.html#:~:text=(c)%C2%A0a%20description,administration%20of%20the%20arrangement%3B):)): administration, management and general operation of the arrangement by the parties.

For more information, please refer to [Projects near water](https://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html) (<https://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>).

Please refer to [DFO's standards and codes of practice](https://www.dfo-mpo.gc.ca/pnw-ppe/practice-pratique-eng.html) (<https://www.dfo-mpo.gc.ca/pnw-ppe/practice-pratique-eng.html>) for more information and guidance of specific minor projects, and as it may pertain to your project. .

Environment and Climate Change Canada

In addition, contact with ECC is warranted in instances where harmful substances can come into contact with water bodies containing fish. ECC is responsible for the administration and

enforcement of the pollution prevention provisions of the *Fisheries Act*, which prohibit the deposit of deleterious (harmful) substances into water containing fish.

The [Fisheries Act](https://laws-lois.justice.gc.ca/eng/acts/F-14/index.html) (<https://laws-lois.justice.gc.ca/eng/acts/F-14/index.html>) is the main federal legislation to manage and protect Canada's fisheries resources. Subsections 36(3) to (6) of the Act are the main pollution prevention provisions protecting fish and other aquatic life by prohibiting pollution that could be harmful to them.

Subsection 36(3) prohibits the deposit of deleterious substances into water frequented by fish, or to any place, under any conditions, where they may enter waters frequented by fish.

A deleterious substance can be any substance that, if added to any water, would degrade or alter the water quality such that it could directly or indirectly harm fish, fish habitat, or the use of fish by humans.

A deposit of a deleterious substance can only be authorized under regulations made either under the *Fisheries Act* or under another Act of Parliament.

For more information, go to [frequently asked questions: Fisheries Act pollution prevention provisions](https://www.canada.ca/en/environment-climate-change/services/managing-pollution/fisheries-act-registry/frequently-asked-questions.html) (<https://www.canada.ca/en/environment-climate-change/services/managing-pollution/fisheries-act-registry/frequently-asked-questions.html>).

Contact ECCC at FPFA-PFLP@ec.gc.ca, for more information on Fisheries Act pollution prevention provisions.

2.6 Invasive species

Indicate if any of the following are present near project site, possible or confirmed.

A. Invasive species present near the project site?	Select ' Yes/No/Unknown/N/A '. If Yes , describe the appropriate mitigation measures and how they will be implemented. Refer to the glossary for the definition of Invasive species .
B. Activities may introduce a pathway for invasive species?	Select ' Yes/No/Unknown/N/A '. If Yes , describe the appropriate mitigation measures and how they will be implemented.

For further information on invasive species, please refer to:

Lists of invasive species:

- [Lists of pests regulated by Canada](https://inspection.canada.ca/en/plant-health/invasive-species/regulated-pests) (<https://inspection.canada.ca/en/plant-health/invasive-species/regulated-pests>)
- [Aquatic invasive species](https://www.dfo-mpo.gc.ca/species-especes/ais-eae/index-eng.html) (<https://www.dfo-mpo.gc.ca/species-especes/ais-eae/index-eng.html>)
- [Forest Invasive Alien Species](https://www.exoticpests.gc.ca/home) (<https://www.exoticpests.gc.ca/home>)

Federal legislation/programs/directives that focus on invasive species:

- [An Invasive Alien Species Strategy for Canada](https://www.canada.ca/en/environment-climate-change/services/biodiversity/invasive-alien-species-strategy.html) (<https://www.canada.ca/en/environment-climate-change/services/biodiversity/invasive-alien-species-strategy.html>)
 - [Health of Animals Act, 1990](https://laws-lois.justice.gc.ca/eng/acts/H-3.3/index.html) (<https://laws-lois.justice.gc.ca/eng/acts/H-3.3/index.html>)
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- [Plant Protection Act, 1990 \(https://laws-lois.justice.gc.ca/eng/acts/p-14.8/page-1.html#:~:text=Plant%20Protection%20Act%20S.C.%201990%2C%20c.%2022%20As sented,for%20the%20certification%20of%20plants%20and%20other%20things\)](https://laws-lois.justice.gc.ca/eng/acts/p-14.8/page-1.html#:~:text=Plant%20Protection%20Act%20S.C.%201990%2C%20c.%2022%20As sented,for%20the%20certification%20of%20plants%20and%20other%20things)
- [Aquatic Invasive Species Regulations under the Fisheries Act \(https://laws-lois.justice.gc.ca/eng/regulations/sor-2015-121/FullText.html\)](https://laws-lois.justice.gc.ca/eng/regulations/sor-2015-121/FullText.html)
- [Great Lakes Fisheries Convention Act, 1990 \(https://laws-lois.justice.gc.ca/eng/acts/F-17/FullText.html\)](https://laws-lois.justice.gc.ca/eng/acts/F-17/FullText.html)
- [Plant protection policy directives \(https://inspection.canada.ca/en/plant-health/invasive-species/directives\)](https://inspection.canada.ca/en/plant-health/invasive-species/directives)
- [Ships and invasive species \(https://tc.canada.ca/en/marine-transportation/marine-pollution-environmental-response/preventing-aquatic-invasive-species-marine-transportation/managing-ballast-water\)](https://tc.canada.ca/en/marine-transportation/marine-pollution-environmental-response/preventing-aquatic-invasive-species-marine-transportation/managing-ballast-water)
- [Firewood and forest pests \(https://inspection.canada.ca/en/plant-health/forestry/hazards-moving-firewood\)](https://inspection.canada.ca/en/plant-health/forestry/hazards-moving-firewood)

2.7. Other

Indicate if any of the following apply to the project.

<p>A. Involves the demolition of a building within 30 meters of a school, hospital, or residential building?</p>	<p>Select ‘Yes/No’.</p> <p>Demolition as defined in the glossary.</p> <p>If Yes, describe how impacts to the environment will be mitigated in the space provided.</p>
<p>B. Involves the installation, replacement, operation, modification, expansion or removal of an aboveground storage system for petroleum products or allied petroleum products that has an aggregate capacity of more than 5000 L?</p>	<p>Select ‘Yes/No’.</p> <p>If Yes, describe how impacts to the environment will be mitigated in the space provided.</p>
<p>C. Involves any activities within a wildlife area defined in Schedule 1 (https://laws-lois.justice.gc.ca/eng/regulations/c.r.c.,_c._1609/page-3.html#h-534997) of the Wildlife Area Regulations (https://laws-lois.justice.gc.ca/eng/regulations/c.r.c.,_c._1609/index.html)?</p>	<p>Select ‘Yes/No’.</p> <p>If Yes, describe how impacts to the environment will be mitigated in the space provided.</p> <p>If applicable, please provide the name of the wildlife area and the specific activities that will take place within it in <i>Supporting details</i>.</p>
<p>D. Presence of known or suspected cultural, historical, archaeological, paleontological or architectural resource values on or adjacent to the project site?</p>	<p>Select ‘Yes/No’.</p> <p>If Yes, describe how impacts to the environment will be mitigated in the space provided.</p> <p>Information to justify the response should be provided in <i>Supporting details</i>.</p>

	<p>This could include:</p> <ul style="list-style-type: none"> • Discussions had with the community related to structures or resources of cultural, historical, archaeological, paleontological or architectural significance. • Measures that will be taken to avoid causing damage to those resources. <p>In <i>Supporting documents</i>, include any relevant maps, surveys, reports or other documentation to support the response.</p> <p>To ensure supporting documents are properly attached to the PDF fileable/saveable version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.</p>
<p>E. Presence of known or suspected contaminated sites which could impact the project site?</p>	<p>Select 'Yes/No'.</p> <p>If Yes, describe how impacts to the environment will be mitigated in the space provided.</p> <p>Justification for the response should be provided in <i>Supporting details</i>, including:</p> <ul style="list-style-type: none"> • If there is contamination present, whether or not the project activities involve the disturbance of that contamination • If the project activities permit the pathway/movement of a contaminant • Explanation on how the disturbance of contamination during project activities will be mitigated. <p>In <i>Supporting documents</i>, include any relevant maps, surveys, reports or other documentation to support the response.</p> <p>To ensure supporting documents are properly attached to the PDF fileable/saveable version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.</p>

Applicant authorization

Check the box once all the necessary fields are complete to confirm that the information provided is as accurate as possible.

I, as the Proponent or a representative thereof, hereby certify that the information provided above is accurate and complete and agree to implement the mitigation measures as described in this review.

Family Name	The family (last) name of the applicant
Given name	The given (first) name of the applicant.
Title/ Company Name	The applicant’s title and name of the company the applicant is associated with.
Email address	The applicant’s valid email address in the format a@a.a
Telephone number	The applicant’s valid 10 digit telephone/facsimile number entered without spaces or brackets in the format: A9A9A9
Signature	The applicant’s signature or the applicant’s name for the PDF fileable/saveable form.
Date	The date of the applicant’s signature.

Once sections 1 and 2 are completed, a signed form can be submitted to the Regional Environment Officers for review. If other sections of the form need to be completed, the officer in charge will contact the necessary parties.

Environmental setting and effects evaluation

Field	Description & Guidance
Section 3) Land Description	
3.1 Topography	Select all types that apply to the proposed project. Refer to the glossary for definitions of Mountain , Plateau , Gradually sloped , Rolling hills , Floodplain , Hills and Steeply sloped . If <i>other</i> , specify type.
3.2 Dominant Soil Type	Select all types that applies to the proposed project. Refer to the glossary for definitions of Clay , Sand , Silt , Loam and Gravel . If <i>other</i> , specify type.
3.3 Past Land Uses/Types	Select all types that apply to the proposed project. Refer to the glossary for definitions of Agricultural , Commercial , Undisturbed environment , Industrial , Forest

	<p>Management, Parkland, Residential and Subsurface extraction.</p> <p>If <i>other</i>, specify type.</p>
3.4 Current Land Uses/Types	<p>Select all types that apply to the proposed project.</p> <p>If <i>other</i>, specify type.</p>
3.5 Current Adjacent Land Uses/Types	<p>Select all types that apply to the proposed project.</p> <p>If <i>other</i>, specify type.</p>
3.6 Encumbrances	<p>Select all types that apply to the proposed project.</p> <p>Refer to the glossary for definitions of Encumbrances, Natural gas, Transmission lines, Distribution lines, Easements, Sanitary and water supply, Pipelines and Right-of-way.</p> <p>If <i>other</i>, specify type.</p>

Field	Description & Guidance
Section 4) Project Details	
4.1 Utility Infrastructure	
Potable water	<p>Select all types that apply to the proposed project.</p> <p>Describe the main water source (https://www.canada.ca/en/environment-climate-change/services/water-overview/sources.html) that is to support the project in the space provided. Please provide the surface water source, i.e. name of the reservoir, river, stream, pond, lake and/or tanks, <u>or</u> the ground water source, i.e. the name of the well and/or spring.</p>
Waste water	<p>Select all types that apply to the proposed project.</p> <p>If applicable, provide a wastewater management plan (WWMP).</p> <p>If applicable, provide a wastewater monitoring program.</p> <p>Does the Waste Water Treatment/Monitoring Plan and Water Treatment plan have the capacity to accommodate the new construction? Provide a letter indicating capacity is sufficient.</p> <p>Consider exploring greener alternatives to expansion or chemical treatment, such as water conservation and demand-side management, naturalized wetlands, or even compact development that reduces infrastructure requirements.</p>

Energy	<p>Select all types that apply to the proposed project.</p> <p>In keeping with transitioning to a sustainable and green future, ISC encourages proponents to seek out low carbon/renewable energy as their project's main and secondary form of energy source.</p> <p>If the proponent cannot use low carbon/renewable energy as their main source of energy, please provide an explanation for this decision and what main form of energy would be used instead, in the space provided.</p> <p>Select all other types of energy to be used in the proposed project.</p> <p>For more information, contact your ISC Regional Environmental Office to learn more.</p>
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Any other utility infrastructure required for the project that is not already mentioned should be listed under *Other*.

Extra space is provided for additional information such as:

- The nature of any hook ups (any relevant maps of pipes on the project site to be included when the form is submitted.)
- If municipal services will be hooked up, and whether a municipal type servicing agreement is in place, or if one in progress.

If there is an underground fuel storage tank involved in the project, describe how the [Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations](#) (<https://laws-lois.justice.gc.ca/eng/regulations/SOR-2008-197/index.html#wb-cont>) will be adhered to.

4.2 Air and Noise

Will the project have the potential to impact:

<p>A. Air quality from emissions (e.g., GHG, nitrogen oxide, sulphur dioxide, suspended particulates, other pollutants, etc.)?</p>	<p>Select 'Yes/No/N/A'.</p> <p>If Yes, a description of the appropriate mitigation measure(s) and how they will be implemented should be provided in section 5.</p>
<p>B. Air quality from the emission of dust or odours?</p>	<p>Select 'Yes/No/N/A'.</p> <p>If Yes, a description of the appropriate mitigation measure(s) and how they will be implemented should be provided in section 5.</p>
<p>C. Any noise-sensitive receptors in the project area, either during construction, operation, or decommissioning (e.g., residence, schools, daycares, hospitals, places</p>	<p>Select 'Yes/No/N/A'.</p> <p>If Yes, a description of the appropriate mitigation measure(s) and how they will be implemented should be provided in section 5.</p>

of worship, nursing homes, etc.)?	
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Health Canada’s guidance on noise, air quality, and other human health effects is available at <https://www.canada.ca/en/health-canada/services/environmental-workplace-health.html>

4.3 Health, Economic and Social Considerations

<p>Does the project have the potential to result in changes to the environment that may negatively affect the following health, social and economic factors?</p>	<p>Select from the following four options:</p> <ul style="list-style-type: none"> • No • Yes(Can be mitigated) • Yes(Cannot be mitigated) • Not applicable (N/A) <p>If Yes(Can be mitigated), please describe the mitigation measures in section 5.</p>
<p>Community planning and engagement (project fits into applicable community plan, community involvement, meeting minutes, community members)</p>	<p>Information on the type of community plan the project aligns with should be listed here.</p> <p>Examples include:</p> <ul style="list-style-type: none"> • land use plan; • environmental management plan; • housing plan; • sustainable development plan; • infrastructure plan; • green energy plan; • emergency plan; or • any other relevant plan adopted by the community. <p>A description of the type of engagement that has occurred on this project or ways in which the community was involved in the planning and identification of mitigation measures should be mentioned. This should include information about meeting minutes and dates as well as names of community members who provided input and when. In addition, any concerns expressed by the band, adjacent landowners or community members should also be identified.</p>
<p>Traditional and cultural use of lands and resources</p>	<p>Identify any known traditional use areas in and around the project site.</p> <p>For example:</p> <ul style="list-style-type: none"> • hunting; • fishing; • trapping; • gathering; • important cultural vegetation (medicinal, crafting, etc.) or cultural, heritage, or archaeological sites

	<p>located on or near the project site should be listed; and/or</p> <ul style="list-style-type: none"> any burial sites, cemeteries, culturally modified trees, hearth, middens, or other culturally relevant sites identified by the community should be listed
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Field	Description & Guidance
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Section 5) Environmental Effects and Mitigation Measures

Identify all potential adverse (negative) biophysical effects and any health, social, and economic effects resulting from a change in the environment. Include corresponding mitigation measures to address these effects which will be implemented should the project proceed. Identify whether effects may impact Indigenous rights, and/or health, social, and economic conditions.

In the smart form, the table may be replicated as many times as necessary to identify all adverse environmental effects and all mitigation measures that will be put in place.

If more than one potential adverse environmental effect is identified in sections 3 and 4, please click ‘ + add potential adverse environmental effect’ for each identified adverse effect. If using Static version of the form, please reprint this page for each mitigation measure.

<p>Potential adverse environmental effect</p>	<p>In this section, the interaction between the project activities and environmental components must be addressed, if not already described in sections 1 and 2.</p> <p>Definition of environmental effects also includes provisions that explicitly relate to Indigenous peoples and the effects of any change caused to the environment on their:</p> <ul style="list-style-type: none"> Health and socio-economic conditions; Physical and cultural heritage; Current use of land and resources for traditional purposes; and Structures, sites or things that are of historical, archaeological, paleontological or architectural significance. <p>All ADVERSE effects that the project causes to the environment must be considered, this includes:</p> <ul style="list-style-type: none"> Biophysical effects: including changes to vulnerable natural and landscape features, wildlife species (flora and fauna), fish and fish habitat, migratory birds and their habitat, species at risk and their critical habitat, changes to water and water quality, the potential release of polluting substances, and sensory disturbances, etc. Socio-economic and health effects: <ul style="list-style-type: none"> Health effects: changes related to air quality, exposure to noise and vibration, current and
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	<p>future availability of country foods and drinking water, etc.</p> <ul style="list-style-type: none"> ○ Social conditions: changes related to services and infrastructure, land and resource-use and recreation, navigation, community well-being, changes to structures, sites, or things of historical, archaeological, paleontological or architectural significance, etc. ○ Economic conditions: changes related to forestry and logging operations, commercial, recreational and sport fishing, hunting, and trapping, tourism, and agriculture, etc. <ul style="list-style-type: none"> ● <u>Gender-Based Analysis Plus</u> (https://www.canada.ca/en/impact-assessment-agency/services/policy-guidance/practitioners-guide-impact-assessment-act/gender-based-analysis.html): For example, a GBA+ assessment can identify that some community members (such as people who eat country foods, children, the elderly, pregnant or breastfeeding women) who may be more affected by a potential contaminant.
Proposed mitigation measure	<p>Describe the mitigation measures and/or best practices which will be used to address the potential environmental effect.</p> <p>Mitigation may take many forms, as described in Appendix C of the Proponent's guide (https://www.sac-isc.gc.ca/eng/1684351576386/1684351616892#ax-c), and can be implemented through revising the project design, adding some features, or changing the location or timing of project works.</p> <p>If there is no way to avoid, reduce or repair an adverse effect, compensation may be the only mitigation possible. Consultation with those who are potentially affected by a project is particularly important when considering compensation as an option.</p>
Magnitude of residual effect	<p>Select between <i>Small, Moderate, Large</i>.</p> <ul style="list-style-type: none"> ● Small: A negligible residual environmental effect affecting a specific local group, habitat, or ecosystem, returns to pre-Project levels in one generation or less, within natural variation. For social adverse effects, the residual effect is limited to a slight nuisance to individuals or communities in the local area. ● Moderate: A small, measurable residual environmental effect affecting a portion of a population or habitat, or ecosystem, returns to pre- Project levels in one generation or less, rapid and unpredictable

	<p>change, temporarily outside range of natural variability. For social adverse effects, the residual effect is noticeable and may be potentially detrimental to individuals and communities in the local area but not beyond.</p> <ul style="list-style-type: none"> • Large: A residual environmental effect affecting a whole stock, population, habitat or ecosystem, outside the range of natural variation that may be near or exceed the resilience limits of a population or community, such that communities do not return to pre-Project levels for multiple generations. For social adverse effects, the residual effect is expected to substantially interfere with existing conditions in communities in the local area and beyond. <p>When identifying residual effects, proponents must consider the existing conditions of the valued environmental component (VEC), the project-related effects on the VEC, and the proposed mitigation. The effectiveness of mitigation and the timing for effectiveness should both be considered when identifying residual effects. The best available evidence, science and Indigenous knowledge should be considered when identifying residual effects, and all uncertainties related to the effectiveness of mitigation measures must be considered.</p>
<p>Reversibility of residual effect</p>	<p>Select between <i>Reversible, Irreversible</i>.</p> <p>Reversibility is considered the likelihood that the Project will no longer affect a VEC and has the ability to return to an equal or improved condition once the interaction with the Project has ended. Reversibility has two alternatives, reversible or irreversible.</p> <ul style="list-style-type: none"> • Reversible is applied to short- medium- and long-term duration residual effects where the Project no longer ceases changes to a VEC. • Irreversible is applied when the residual effect is predicted to influence a VEC indefinitely or the duration of an effect is unknown.
<p>Geographic extent of residual effect</p>	<p>Select between <i>Immediate, Local, Regional</i>.</p> <p>Geographic extent refers to the spatial extent of the area affected and is related to the spatial distribution and movement of a VEC. When considering geographic extent in the determination of magnitude, it is important to understand that local scale effects are less severe than those that extend to the regional scale or beyond. Geographic extent is broken into local, regional, and beyond regional as defined as follows:</p>

	<ul style="list-style-type: none"> • Immediate scale effects are those that are associated with direct effects from the Project footprint (e.g., removal of vegetation for construction of project components). • Local scale effects are those largely associated with direct effects from the Project footprint (e.g., removal of vegetation for construction of project components) and project specific small-scale indirect changes (e.g., within the Local Assessment Area). • Regional scale effects are those that are associated with incremental and cumulative changes from the Project and other developments but are restricted to within the Regional Assessment Area.
Timing of residual effect	<p>Enter the Timing of the residual effect.</p> <p>At what point in the project’s life-cycle is the residual effect to take place: pre-construction, construction, post-construction, operation, and/or decommissioning?</p>
Duration of residual effect	<p>Select between <i>Short-term, Medium-term, Long-term</i>.</p> <p>Duration is defined as the amount of time from the beginning of a residual effect to when that effect on a VEC is reversed. Duration is the results of two factors, the amount of time between the start and end of a project activity that causes stress on a VEC and the time required for the effect to be reversible. The duration of individual Project activities and the period in which the residual effect may occur are considered. Some effects are reversible shortly after the stress has been removed (e.g., changes in the distribution of some wildlife species following the removal of noise after decommissioning and abandonment), while others may take longer to be reversed (e.g., the change in abundance of some species until revegetation has occurred). In some cases, a prediction of duration may be well beyond the temporal boundary of the Project, it is not known when those effects may be reversed, and a VEC may never return to a state that was unaffected by the Project. In these cases, the likelihood of reversibility is so low that the effect is classified as irreversible. Therefore, duration is broken into the following categories:</p> <ul style="list-style-type: none"> • Short-term – the residual effect is reversible at the end of construction • Medium-term – the residual effect is reversible at the end of operation of the project • Long-term – the residual effect is reversible within a defined length of time where prediction certainty can

	<p>predict the effect is reversible after decommissioning and abandonment</p>
<p>Frequency of residual effect</p>	<p>Select between <i>Once, Intermittent, Continuous</i>.</p> <p>Frequency refers to how often a residual effect will occur but is not to be confused with the frequency of the activity that causes a residual effect. Frequency is explained by identifying when the source of change and residual effect occurs. Frequency is broken into the following categories:</p> <ul style="list-style-type: none"> • Once – isolated or confined to a discrete period • Intermittent – occur repeatedly over the assessment period • Continuous – occurs continuously over the assessment period
<p>Residual effects</p>	<p>Select between <i>Significant, Insignificant</i>.</p> <ul style="list-style-type: none"> • A residual effect is considered significant where its potential impact could jeopardize the long term sustainability of the resource, such that the impact is considered sufficient in magnitude, aerial extent, duration, and frequency, as well as being considered irreversible. Additional research, monitoring, and/or recovery initiatives should be considered. • A residual effect is considered insignificant where its potential impact could result: <ul style="list-style-type: none"> ➤ In a decline of a resource in terms of quality/quantity, such that the impact is considered moderate in its combination of magnitude, aerial extent, duration, and frequency, but does not affect the long term sustainability (that is, it is considered reversible). Additional research, monitoring, and/or recovery initiatives may be considered; or ➤ In a localized or short-term decline of a resource during the life of the Project. Typically, no additional research, monitoring, and/or recovery initiatives are considered; or ➤ In a small, localized decline of a resource during the construction phase of the Project, and should be negligible to the overall baseline status of the resource.
<p>Monitoring</p>	<p>Select between <i>Required, Not required</i>.</p> <p>If required, please elaborate on who, how, and when this will take place.</p>

Comments	<p>Any further comments on the project's environmental effects and mitigation measures that has not already been covered should be addressed in this section.</p> <p>This can include a summary of the potential anticipated POSITIVE environmental effects (i.e., health, Socio-economic conditions, biological environment, land and traditional resources, etc.</p>
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Field	Description & Guidance
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Section 6) Supporting Documentation

Provide a site map which clearly indicates the project site and outlines the project boundaries. In addition, the proponent should provide any existing reports, site plans, or other supporting documentation for the proposed project when submitting the completed Project Description Form, if not already done so.

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

6.1 Supplemental documentation

The Regional Environment Officer may request further documentation to complete their review. The Regional Environment Officer will indicate as a checked box which additional documentation they will require.

This may include: Archaeological Studies, Drawings, Environmental Audits, Environmental Impact Studies / Environmental Assessment Reports, Environmental Site Assessments, Feasibility Studies, Geotechnical Studies, Land Status Reports, Licenses, Municipal Type Service Agreements, Permits (ex. Section 73 from CWS, Access Permits, Timber Permits, Provincial permits), Species at Risk Assessments, Wetland Assessments, and others.

Applicant authorization

To ensure supporting documents are properly attached to the **PDF fileable/saveable** version of the form, simply download and save the form to your computer drive. Do not 'print', 'save as', or 'print to pdf' as this flattens the file to an image and all supporting documents attached will be lost.

I, as the Proponent or a representative thereof, hereby certify that the information provided above is accurate and complete and agree to implement the mitigation measures as described in this review.

Family Name	The family name of the applicant.
Given name	The given name of the applicant.
Title/ Company Name	The applicant's title and name of the company the applicant is associated with.
Email address	The applicant's valid email address in the format a@a.a
Telephone number	The applicant's valid 10 digit telephone/facsimile number entered without spaces or brackets.
Signature	The applicant's signature or the applicant's name for the PDF fileable/saveable form.
Date	The date of the applicant's signature.

Appendices

Appendix A: Glossary

In this section we define terms used throughout the Project Description Form. References to the Act mean the *Impact Assessment Act*.

Agricultural land

Lands used for livestock grazing or growing of crops

Band

A term used to refer to certain First Nations communities that function as local governments and manage their own affairs. The band system was imposed on indigenous communities in 1876 in accordance with the *Indian Act*.

Band-owned fee-simple land

Off-reserve land which is owned by the Band for the purposes of economic development funding

Clay

Soil particles with diameters of less than 0.005mm

Clearing of trees

The removal of trees for the purposes of project construction

Commercial land

Development for business or economic purposes

Contaminated sites

A site is one at which substances occur at concentrations (1) above background (normally occurring) levels and pose or are likely to pose an immediate or long term hazard to human health or the environment, or (2) exceeding levels specified in policies and regulations. A concentration of a substance in the soil or ground water that is higher than expected for that region of Canada and that concentration poses a risk to human health or the environment.

Critical Habitat

As defined under the *Species at Risk Act*, a critical habitat is the habitat that is necessary for the survival or recovery of listed extirpated, endangered, or threatened species, and that is identified as CH in a recovery strategy or action plan.

Demolition

The science and engineering in safely and efficiently tearing down buildings and other artificial structures. In regards to the proposed project, will there be demolition or deconstruction of any existing works on the proposed development area?

Developed land

Land that has been improved by human activities and typically features infrastructure like roads, utilities, buildings, or other structures.

Distribution lines

Single pole electrical lines used to transmit electricity to end users (i.e. households)

Dredging

The mechanical removal of accumulated sediment from the bed of a waterbody with clamshell buckets, draglines, backhoes or suction dredges

Easements

An authorized right to use or enter onto a property

Encumbrances

An encumbrance is a claim, right or interest attached to a property

Environmental Effects

means changes to the environment and the impact of these changes on the Indigenous peoples of Canada and on health, social or economic conditions

Estuary

The tidal mouth of a large river, where the tide meets the stream

Federal authorizations

(examples of ISC authorizations): Band and locatee leases (residential, agricultural, commercial), commercial or locatee lease modification, permit

Floodplain

An area of land adjacent to a waterway that is subject to flooding

Forest Management

Lands being harvested and replanted for the purpose of forest management

Gradually sloped

Slightly inclined land

Gravel

Coarse grained material

Grubbing

The removal of logs, brush and debris and roots remaining in the soil after tree removal.

Hills

Rounded elevated earth not as high as a mountain

Industrial land

Operations that manufacture, process, and develop raw materials for other intended purposes. Examples may include: refinery, lumber mill, manufacturing, etc.

Invasive species

Species that come from other parts of the country or the world that can cause significant ecological, economic and environmental damage. Factors such as, climate change, unintentional introductions from ship ballast and along roads, intentional introductions and increased susceptibility of altered or degraded ecosystems, are responsible for the introduction and spread of such species.

Land instrument

A legal document that is issued by the Government of Canada. Such instruments can include a permit or lease

Loam

Soil containing approximately equal parts sand and silt with small proportion of clay

Migratory birds

means a migratory bird referred to in the Convention, and includes the sperm, eggs, embryos, tissue cultures and parts of the bird.

Mountain

High elevated earth

Natural gas

A naturally occurring hydrocarbon. Natural gas is a fossil fuel formed over millions of years from decaying plant and animal matter buried in sedimentary rock layers. It is mainly transported within extensive networks of high pressure steel pipelines.

Navigable Water

Navigable water is a body of water, including a canal or any other body of water created or altered as a result of the construction of any work, that is used or where there is a reasonable likelihood that it will be used by vessels, in full or in part, for any part of the year as a means of transport or travel for commercial or recreational purposes, or as a means of transport or travel for Indigenous peoples of Canada exercising rights recognized and affirmed by section 35 of the *Constitution Act, 1982* (<https://laws-lois.justice.gc.ca/eng/Const/>), and

- (a) there is public access, by land or by water;
- (b) there is no such public access but there are two or more riparian owners; or
- (c) Her Majesty in right of Canada or a province is the only riparian owner.

On-site equipment maintenance and re-fueling

The keep up and the replenishing of fuel of equipment and machinery on the project's development area. In regards to the proposed project, will any equipment not be able to be re-fueled off site?

Parkland

Lands set out for the protection of environmental features and/or the enjoyment of visitors

Physical activities

Activities that involve some physical human effort, which could include construction, installation, modification, maintenance, expansion, replacement, removal, demolition, decommissioning, alteration or other undertaking in relation to the proposed project.

Physical works

A structure built by humans that has a defined area and fixed locality (i.e. it has a permanent location)

Pipelines

Underground or aboveground lines for the transportation of oil, gas, crude, or other energy products

Pit

An excavation that is open to the air and that is operated for the purpose of extracting sand, clay, marl, earth, shale, gravel, stone or other rock but not coal, a coal-bearing substance, oil sands, or oil sands-bearing substance or an ammonite shell, and includes any associated infrastructure, but does not include a quarry.

Plateau

An elevated area of level ground

Pre-Addition to Reserve land

Parcels of land planned and/or in the process to be added to a reserve land base through the Addition to Reserve process

Previously burned land

An area characterized by deposits of charcoal and ash, removal of vegetation, and alteration of the vegetation structure due to wildfire and/or prescribed/traditional burns.

Project Coordinates

The project's position, defined by the quantities of latitude and longitude, on a point on the surface of the Earth.

Example: Latitude: 52 16 00 (to represent 52° 16' 0") or 52.2666687
 Longitude: -113 50 02 (to represent -113° 50' 2") or -113.833981

Quarry

An excavation that is open to the air and that is operated for the purpose of working, recovering and extracting stone, limestone, sandstone, dolostone, marble, granite, construction materials and any mineral other than coal, a coal bearing substance, oil sands, or oils sands-bearing substance or an ammonite shell, and includes any associated infrastructure but does not include a pit.

Re-grading

The moving, importing, or removing of soil materials to level or alter the slope of the land

Residential land

Single family residences.

Residual effect

The effect of a project that remains, or is predicted to remain, even after mitigation measures have been implemented.

Right-of-way

Corridor of land over which things have a right to cross

Rolling Hills

Series of low hills

Sand

Particles with diameters 0.0625mm to 2.0mm

Sanitary and water supply

Can include municipal, individual, or otherwise specified sewer and water sources or transmissions

Silt

Soil particles with diameters of 0.005mm – 0.0625mm

Species at Risk

Wildlife species that are extirpated (no longer exist in the wild in Canada), or threatened as a result of human activity

Steeply sloped

Sharply inclined land

Subsurface resource extraction

Operations that involve the subsurface extraction, storage, and initial processing of resources, and extraction tailings

E.g., mineral and oil/gas extraction

Transmission lines

Large electrical towers that transmit electricity to smaller distribution lines

Undeveloped land

Parcels of land that have not been significantly altered by human activity. This type of land may lack basic infrastructure such as roads, utilities, and buildings.

Undisturbed environment

Lands that have not been altered from their original state as a result of human activity

Waste generation

The generation of solid or liquid waste as a by-product of the works

Water bodies

Bodies of water which include but are not limited to oceans, saltwater bodies, lakes, wetlands, rivers, estuaries, streams, sloughs, wells and aquifers

Wetland

Lands that are temporarily or permanently submerged or permeated by water and are characterized by plants adapted to saturated soil conditions. Includes fresh and salt water marshes, wooded swamps, bogs, seasonally flooded forest, sloughs.

Valued environmental component

Valued components refer to environmental features that may be affected by a project and that have been identified to be of concern by the proponent, government agencies, Aboriginal peoples or the public. The value of a component not only relates to its role in the ecosystem, but also to the value people place on it.

Virgin land

Often used interchangeably with undeveloped land but usually implies that the land is in its natural state and has never been used or altered by human activities.

Appendix B: Regional Environment Offices – Contact Information

- Headquarters: ee-ea@sac-isc.gc.ca
- Atlantic regional office: paeat-erpat@sac-isc.gc.ca
- Quebec regional office: qcevalenvenvassessqc@sac-isc.gc.ca
- Ontario regional office: aadnc.ee-ea-on.aandc@canada.ca
- Manitoba regional office: aadnc.ee-ea-mb.aandc@canada.ca
- Saskatchewan regional office: isc-skenv@sac-isc.gc.ca
- Alberta regional office: paeab-erpab@sac-isc.gc.ca
- British Columbia regional office: bcenvironment@sac-isc.gc.ca
- Yukon regional office: evaluationenvironnementaleyt-ytenvironmentalassessment@rcaanc-cirnac.gc.ca