Canada

BRITISH COLUMBIA Investing in Canada Infrastructure Program

Green Infrastructure – Environmental Quality Program
Application Form Questions

THIS IS A SAMPLE APPLICATION ONLY

ALL APPLICANTS MUST APPLY AND SUBMIT APPLICATIONS ONLINE

Visit the ICIP – Green Infrastructure – Environmental Quality Program website for the online application portal.

Section 1: Applicant Information

Applicants will access the application through their client record in the Local Government Information System (LGIS). Please see the program website **Accessing the Online Application** document for setting up access to LGIS if your organization does not already have this.

1. Applicant's Primary Contact Information (from the applicant organization)
    a) Full Name
    b) Title of Primary Contact
    c) Phone Number
    d) Email Address
2. Applicant's Secondary Contact Information (optional)
    a) Full Name
    b) Title of Secondary Contact
    c) Phone Number
    d) Email Address

Section 2: Project Information

3. Project Title *(Provide a clear, succinct title.) (Character Limit: 90)*

Project Description and Rationale

4. Project Description:
    a) Provide a general, brief description of the project. *(Character Limit: 1475)*
    b) Provide a detailed list of project works which corresponds with the cost estimate provided. *(Character Limit: 1475)*

(*Example: build a wastewater effluent pipeline and outfall at north end of 20 Mile Bridge at Highway 10, including:*

- *Approximately 10km of 800 mm diameter forcemain;*
- *Installation of a pumping system;*
- *Installation of outfall structure; and,*
- *related civil, mechanical, and electrical works.)*

5. Project Rationale: Provide a brief project rationale outlining why the project is needed and how the project meets an existing and or future need in a sustainable manner. *(Character Limit: 3750)*

   (Example: current facility needs replacement due to age, condition, increased service demands, meeting regulatory requirements, etc.)

Federal Outcomes

6. a) Identify which outcomes the project will primarily support.
   i) The project will increase the capacity to treat and/or manage wastewater
   ii) The project will increase the capacity to treat and/or manage stormwater
   iii) The project will increase access to potable water
   iv) The project will increase the capacity to divert or manage solid waste (including landfill gases)
   v) The project will increase capacity to reduce and/or remediate soil and/or air pollutants

   b) If applicable, identify which secondary outcome the project will support. If applicable, please provide comment on secondary outcome. *(Character Limit: 1000)*

Project Type

7. Please select the primary project type:
   a) Wastewater
   b) Stormwater
   c) Drinking Water
   d) Solid Waste Management
   e) Brownfield/Soil and/or air Remediation

Project Location

8. Project physical address (and/or start and end points) *(Character Limit: 2000)*

9. Has this project (or related components or phases) been the subject of another infrastructure grant application? (Yes/No)
   a) If Yes, provide the following: *(Character Limit: 2000)*

      i. Program name
      ii. Project title
      iii. Status of application: e.g., successful/unsuccessful/under evaluation

Project Nature

10. Nature of the project works:

Nature of the Project	Indicate % for relevant type
New	*If null, enter 0*
Rehabilitation	*If null, enter 0*
Expansion	*If null, enter 0*
Other *(Character Limit: 1000)*	*If null, enter 0*
Total	*The total must equal 100%*

11. Does the project involve public facing infrastructure? (Yes/No)

a) If Yes, will the public facing infrastructure meet the highest published accessibility standards (defined as the requirements in the Canadian Standards Association Technical Standard Accessible Design for the Built Environment CAN/CSA), in addition to applicable provincial building codes and relevant municipal bylaws? (Yes/No)

i. If Yes, briefly describe how the design will meet the accessibility standards. *(Character Limit: 1000)*

ii. If No, please note that a project must meet or exceed the requirement of the highest published accessibility standard in a jurisdiction, in addition to applicable provincial building codes and relevant local government by-laws.

12. Will the highest published applicable energy efficiency standard in the jurisdiction be met or exceeded? (Yes/No/Not Applicable)

a) If No, please note one of the following must be met:

i. projects must meet or exceed any applicable energy efficiency standards for buildings outlined in the *Pan-Canadian Framework on Clean Growth and Climate Change*;

ii. exceed by 25% the energy efficiency requirements of the National Energy Code of Canada for Buildings 2017; or,

iii. the building will rank in the equivalent of top 25% of its building type under ENERGY STAR

b) If Not Applicable, briefly explain why this standard is not applicable. *(Character Limit: 1000)*

Section 3: Eligibility Considerations

13. Will this project demonstrate benefits extending beyond the reserve community, for First Nations' projects, located partially or entirely on reserve? (Yes/No) (*Applicable to Indigenous Ultimate Recipients only - To be eligible for funding a project must demonstrate that direct benefits will extend to off-reserve areas)*

a) If Yes, please describe how this project will result in direct off-reserve benefits and the services that will be delivered to off-reserve areas. *(Character Limit: 2500)*

14. Do you have a Council/Board/Band Council resolution authorizing the project to 1) proceed upon approval and 2) commit your share of project funding? (For local government applicants, a

Council/Board resolution is required. For Indigenous applicants, a Band Council resolution is required). (Yes/No)

a) If Yes, submit copy of resolution.

b) If No, can you submit the resolution within one month of the application closing date? (Yes/No)

i) If Yes, when do you expect to submit the council/board/band council resolution? (YYYY-MM-DD)

15. Has the project started? * (Yes/No)

Projects that have started (for which a construction tender has been awarded) are ineligible.

16. Percentage of project design completed to date. Please adjust the cost of design works to exclude the completed design works.

17. Estimated project start date (YYYY-MM-DD)

18. Estimated construction start date (YYYY-MM-DD)

19. Estimated construction completion date (YYYY-MM-DD)

20. Estimated project completion date (YYYY-MM-DD)

21. What is the population that will be directly served by this project?

22. Does the project benefit a wider geographic area? (Yes/No)

a) If Yes, list any communities that will benefit from this project, the corresponding populations and how they will benefit. *(Character Limit: 1000)*

23. Will the project support Indigenous populations? (Yes/No)

a) If Yes, please estimate the Indigenous population that the project will directly serve.

b) If Yes, please estimate the Indigenous population that the project will indirectly support.

24. Will the applicant own and operate the completed project? (Yes/No)

a) If No, provide additional information about the ownership of the completed project and who will be responsible for its operation and maintenance. *(Character Limit: 1000)*

Applications from Improvement Districts or water utilities must be made by the sponsoring municipality or regional district. If the application is successful in obtaining funding, the ownership of the infrastructure and associated assets must be transferred to the sponsoring local government.

25. Is there infrastructure related to the project that is owned, managed, or maintained by others (besides the main applicant organization)? (Yes/No)

a) If Yes, please describe. *(Character Limit: 1000)*

For projects related to drinking water or wastewater:

26. If the infrastructure is currently owned by an Improvement District, a society, or private person or entity; is the organization prepared to dissolve and transfer ownership of the service to a municipal or regional district applicant*? (Yes/No)

a) If Yes, submit resolution to convert from the current owner of the infrastructure.

b) If No, have you started the process for dissolution and transfer, or have the current owner and residents given consent in favour of dissolution and transfer? (Yes/No)

i) If Yes, please provide details. *(Character Limit: 1000)*

ii) If Yes, please attach any supporting documents.

iii) If No, please contact the Ministry if you need more information.

**Applications from Improvement Districts or water utilities must be made by the sponsoring municipality or regional district. If the application is successful in obtaining funding, the ownership of the infrastructure and associated assets must be transferred to the sponsoring local government.*

Section 4: Mandatory Documents

In all cases, relevant information should be included within the completed application form itself, as this will form the basis of the assessment. Please make specific reference within the application to sections of attached documents that you wish to be included in the review. Attachments should be clearly labelled, organized, and succinct.

27. Please attach each of the following mandatory documents (15 MB limit per document). ZIP files will not be accepted.

- Project location, only .KML file is accepted (see directions on Program website)
- Detailed Cost Estimate (see template on Program website)
- Site Plan/Map
- Preliminary Design Study
- List and status of required licenses permits and approvals. Indicate if they have been "obtained" or are "pending." Provide an anticipated date to obtain the permit/approvals *(Character Limit: 2000)*
- For all projects related to drinking water or wastewater: Recent Water Conservation Plan and a copy of Council/Board/Band Council endorsement for the plan within last 5 years

28. Please attach other supporting documents you wish to be considered (optional, see the Program Guide for guidance):

- Partnership agreement/Letter of Support/MOU between project partners if applicable
- Project Options Assessment
- Business Plan
- Cost Benefit Analysis or Other Study such as Archeological, Environmental, Resiliency, Sustainability Studies/Assessments
- Design Drawings or Details
- Letters of Support

Section 5: Project Costs

29. Total Gross Project Costs

30. Total Ineligible Project Costs

31. Total Eligible Project Costs [Total Project Costs less Total Ineligible Project Costs]. See Program Guide for details.

32. Other Confirmed Funding Sources and amounts (Do not include internal sources):

Please note: Other federal and/or provincial grants may affect the total eligible grant amount as per stacking rules. See the Program Guide for information on stacking rules.

Other Sources of Funding	**Amount ($)**
Gas Tax - Strategic Priorities Fund	*If null, enter $0*
Gas Tax – Community Works Fund	*If null, enter $0*
ICIP- Environmental Quality	*If null, enter $0*
ICIP-Rural and Northern Communities	*If null, enter $0*
Other (provide details) *(Character Limit: 1000)*	*If null, enter $0*
Total	

33. Net Eligible Costs [Total Eligible Project Costs less Total Other Funding Sources]

34. Maximum Grant Amount (Estimated)

35. Are you requesting less than the maximum grant amount? (Yes/No)

a) If Yes, please enter the Requested Grant Amount and provide a brief explanation why the request is less. If your detailed cost estimates do not directly correspond with these amounts, clarify the variance between the costs. *(Character Limit: 1000)*

Fiscal Year Breakdown

Fiscal Year	**Forecasted Eligible Project Costs (April 1 to March 31)**
2022 - 2023	*If null, enter $0*
2023 - 2024	*If null, enter $0*
2024 - 2025	*If null, enter $0*
2025 - 2026	*If null, enter $0*
2026 - 2027	*If null, enter $0*
Total**	

**Note: the timing of final approvals is anticipated in early 2023*
***Fiscal Year Breakdown Totals must equal Net Eligible Costs OR Eligible Costs based on Requested Grant Amount.*

Funding Details

36. Can the project, as submitted, be broken into separate phases? (Yes/No)

If Yes:

a) Describe the phasing and provide the detailed cost estimates for each phase. Identify which components would be done in each phase and add a cost estimate sheet for each phase that will be attached to the application. Please note how services are improved following completion of the phase alone (note: each phase must independently meet the program outcome) *(Character Limit: 2000)*

b) Would part of this project be able to move forward if less than full funding was available? See Program Guide section 3.5 Project Size and Phasing Projects.

i) If Yes, please identify the amount of funding and briefly describe the project elements that could proceed with reduced funding and how this relates to any phasing described above. *(Character Limit: 2000)*

37. Is this project a phase or component of a larger project? (Yes/No)

a) If Yes, please provide additional details on the project phases. *(Character Limit: 2000)*

38. Is there the intent to submit a request for the use of own force labour and equipment for this project? (Yes/No)

a) If Yes, please provide details of the estimated incremental cost of employees/equipment and rationale as why it is not economically feasible to tender a contract for these works. *(Character Limit: 2000)*

Please note: Requests for the use of own labour and equipment will be subject to both provincial and federal approval and will only be allowed in certain circumstances.

39. Is there the intent to use sole source procurement for any aspect of the project? (Yes/No)

Projects that require sole source contracts (valued at $40,000 or greater for construction contracts or valued at $100,000 or greater for service contracts) may require a Federal Treasury Board submission prior to project approval.

a) If Yes, identify the estimated amount of the sole source contract, who will be conducting the work, the nature of the work and explain why sole source contracting will be used. *(Character Limit: 1000)*

Estimated Amount ($)	Contracted Company	Nature of the Work (Design/Engineering, Construction, or Other)	Justification

Section 6: Project Risks

Project Financing

Applicants should have their share of the capital costs secured prior to application to the program.

40. Will the project require the borrowing of funds to pay for your organization's portion of the costs? (Yes/No)

a) If Yes,

i. What proportion of your organization's share of project funding is expected to be from borrowing? *(Character Limit: 1000)*

ii. If borrowing is less than 100% of your organization's share, please specify the other source(s) and attach evidence of secured funds. *(Character Limit: 1000)*

(Example: surplus, reserve funds, DCC reserve funds, etc.)

iii. Was (is) public approval required to approve borrowing? (Yes/No)

- If Yes, attach a signed and certified loan authorization bylaw that is at 3rd reading or adopted.
- If No, describe why approval is not required to borrow. *(Character Limit: 1000)*

iv. Municipal applicants, please attach a completed Liability Servicing Limit Certificate that includes the anticipated borrowing costs necessary to finance the project.

v. Non-local-government applicants, please attach evidence that borrowing has been secured. *(Example: line of credit letter of approval.)*

b) If No,

vi. Are all the funds readily accessible from another source? (Yes/No)

- If Yes, please attach evidence of secured funds. *(Example: Bank statements, staff reports or resolutions of board/council directing the use of reserve fund)*
- If No, what is the anticipated source of funds? *(Example: Donations, collected through specific rates or fees, or development cost contributions) (Character Limit: 1000)*

41. Local government applicants, please attach evidence that the project and its cash flows have been or will be included in the 5-year financial plan bylaw.

42. What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)? *(Character Limit: 1000)*

Note: ICIP does not provide additional funds to cover cost overruns. Also note the stacking rules outlined in the Program Guide.

Project Identification

43. How is this project a community priority? *(Character Limit: 1000)*

44. Is the project included in a long-term plan for the community? (Yes/No)

a) If Yes, identify the long-term plan in which it is included and how it is identified within the plan. *(Character Limit: 1000)*

45. When would this project proceed without grant funding? *(Character Limit: 1000)*

46. What alternative options for the project were considered? *(Character Limit: 1000)*

47. How were they compared or analyzed? Please explain how and why the chosen option was selected. *(Character Limit: 1000)*

48. How does the selected option represent the most efficient solution to address the objectives or levels of service identified as related to the project? *(Character Limit: 1000)*

(Example: Rationalize selection of the option, in that: services are integrated, operating and maintenance costs are minimized, the selected option has a longer lifespan minimizing replacement costs over time, coordination with other works, etc.)

Note: The provincial technical reviewer will not be re-assessing project options. The purpose of this question is to demonstrate that the scope of the project was carefully considered.

Project Consultation Considerations

49. The Province is committed to building relationships with Indigenous Peoples. Will Indigenous groups be consulted about the project? (Yes/No)

a) If Yes, please list the groups and when and how will they be included? Explain your engagement strategy for each. (Provide any relevant supporting documents.) *(Character Limit: 1000)*

b) If No, clearly explain why there would be no indigenous interest. *(Character Limit: 1000)*

50. What affected or interested groups, Indigenous and otherwise, have already been consulted with regarding the project? What was the feedback from project consultations? *(Character Limit: 1000)*

51. What additional groups will be consulted with prior to the project proceeding and/or in conjunction with the project? Please check the Aboriginal and Treaty Rights Information System (ATRIS) to determine the presence of Indigenous communities within 5 km of the project site. *(Character Limit: 1000)*

52. Is any part of the project located on federal lands? (Yes/No)

53. Is the project subject to a federal environmental assessment? (Yes/No)

Long-Term Management

54. Does your organization have experience with owning and managing similar infrastructure?

a) If Yes, briefly describe infrastructure and experience. *(Character Limit: 1000)*

Federal Risk Checklist

55. The following risk elements are of interest to Infrastructure Canada.

Please select all that apply. For each item selected, provide a brief description of the risk and mitigation strategies that are planned or have been undertaken.

Example: Describe risk and its probability (low/medium/high), impact, and efforts to mitigate the risk (will the risk be avoided, mitigated, transferred, or accepted). Describe the planned actions and what residual risk will be.

a) Project Complexity

i. Remote geographic location (Yes/No)
ii. Unpredictable weather (Yes/No)
iii. Innovative project/technologies (Yes/No)
iv. Technical nature of the project (Yes/No)

v. Interdependencies between phases (Yes/No)
vi. Other (please describe) *(Character Limit: 1000)*

b) Project Readiness

i. Project site hasn't been finalized (Yes/No)
ii. Land hasn't been acquired (Yes/No)
iii. Potential issues with permits or authorizations (federal, provincial, territorial, and municipal) (Yes/No)
iv. Industry supply may not be able to meet demand (Yes/No)
v. Funding sources are not secured for the entire project cost (assuming a grant is received through this program) (Yes/No)
vi. Other (please describe) *(Character Limit: 1000)*

c) Public Sensitivity

i. The project has received positive media attention (Yes/No)
ii. The project has received negative/national media attention (Yes/No)
iii. Certain stakeholders have been vocal about the project (Yes/No)
iv. Other (please describe) *(Character Limit: 1000)*

56. Please list all known broader project risks (excluding those already identified in the federal risk checklist) such as those related to project feasibility, scope, public support, social and environmental impacts, technology, and its long-term management and include your evaluation and proposed mitigation for each risk. *(Character Limit: 2000)*

(Example: Public opposition expected, technology becoming outdated, usage not as expected, difficulties finding appropriately trained people to manage/maintain)

57. Please list all known project risks related to implementation and construction of the project (excluding those that are already identified in the checklist) and include your evaluation and proposed mitigation for each risk. *(Character Limit: 2000)*

(Example: Seasonal limitations to construction, potential timing risks or delays, referendum required, unconfirmed grants (other than ICIP), siting not confirmed, environmental assessment/impacts, archaeological sites, cost overruns, lack of experience with proposed type of project, low capacity in terms of expertise and human resources in execution and implementation of the project, etc.)

Section 7: Management and Planning

Asset Management for Sustainable Service Delivery

The Asset Management BC Framework provides context and can be found on Asset Management BC's website: www.assetmanagementbc.ca. The Asset Management BC Roadmap (found in the "Resources" section of the website) provides a brief summary of the basic building blocks of asset management for sustainable service delivery.

58. How do you manage your infrastructure assets? Explain whether you have an asset management plan linked with a long-term financial plan, asset management policy, strategy, framework, and/or governance structure, etc. *(Character Limit: 1000)*

> *Example 1: We have documented long-term asset and financial plans in place for managing assets that are updated annually, including measuring, and tracking levels of service. We have a database of all our assets with information such as ID number, size, install date, expected life and condition. We track maintenance within this database and performance and use this to assist with replacement decisions. We complete a condition assessment of critical assets once a year and enter the results in the database. Our Asset Management Plan can be found at this website: ... and pages 12-15 describe this answer.*

59. How long-term is your financial plan (in years)?Explain the rationale for choosing the specific timeline. *(Character Limit: 1000)*

60. What communication and engagement activities take place to ensure the community is aware of your planning around infrastructure? This includes the current levels of service provided, and associated costs to the community to continue to provide (or increase/decrease) the expected services. *(Character Limit: 1000)*

61. How do the project design and project components support the infrastructure being operationally cost effective/cost efficient over its lifecycle? *(Character Limit: 1000)*

62. Describe how your long-term financial planning will ensure the management and replacement/renewal of the infrastructure built out of this project throughout the lifecycle. *(Character Limit: 1000)*

> *Example: We set aside funds annually to allow for renewal, replacement or rehabilitation in 20 years, funding through financial reserves, implementing a rate structure or user charges which include depreciation/replacement costs, etc. This might include schedules/timelines that identify when items need to be replaced, maintenance and risk management plans and strategies and condition assessment plans that set out when inspections will occur and long-term financial plans (must be beyond 5 years to considered 'long-term').*

63. How will you fund your proposed project's ongoing operating and maintenance costs? Please describe. *(Character Limit: 1000)*

64. Continuous improvement is very important for everything. Describe how you review and improve your asset management practices (plan, activities, policies) once they are completed. *(Character Limit: 1000)*

> *Example: Every two years, we have a formal review of asset management practices that aligns with our strategic planning cycle. This allows us to ensure that our priorities, objectives, decision making criteria and planning processes remain aligned with strategic objectives and remain effective in delivering value for the community.*

65. What measures will be taken to extend the life of the built or natural assets constructed/revitalized by the project? *(Example: Preventative maintenance) (Character Limit: 1000)*

66. Has your organization completed work on a long-term plan or strategy to ensure resiliency against natural and man-made hazards such as flood, pandemic, earthquake, fire, etc.? Example: Hazard Risk Vulnerability Assessment (Yes/No)

a) If Yes, please describe what work has been completed. *(Character Limit: 1000)*

Section 8: Climate Change

67. How are potential impacts from climate change (climate risk) considered in the design and planning of the project, including considerations through the project lifetime? *Risks include flood, sea level rise, drought, wildfire, urban heat island effect, rainfall intensity, etc. (Character Limit: 1000)*

Climate Change Adaptation

Adaptation solutions can be incorporated into a project to lessen the impacts and potential damages of expected climate effects, or to benefit from opportunities associated with such effects, making a community or ecosystem more resilient to climate change. For example, an adaptation solution could be to use stormwater to restore and protect a wetland area, incorporate flood defences into a wastewater facility, or modify a drinking water intake for drought conditions.

68. Does the project incorporate an adaptation solution? (Yes/No)

If Yes:

a) Explain how the project will reduce the impact, or benefit from, climate change effects. (If documents are attached, please identify specific page numbers or sections relevant to the answer.) *Example: siting of new water intake is deeper in water reservoir to address risk of low water supply due to changing water availability, siting or construction materials used will reduce risk from hazard events such as wildfire and flood, etc. (Character Limit: 1000)*

b) Is there a measurable benefit of adaptation? (Yes/No)

i. If Yes, please describe in detail. *(Character Limit: 1000)*

c) Which of the project components listed in the cost estimate provide the adaption and how do they do this? *(Character Limit: 1000)*

Climate Change Mitigation - Reduce greenhouse gases

To reduce causal sources and the rate and depth of climate change effects, the amount and concentration of greenhouse gases released to the atmosphere must be decreased. Efforts to reduce emissions and enhance sinks are referred to as “mitigation”.

69. Will the project produce fewer greenhouse gas emissions, throughout the project lifespan, than a comparable traditional project without consideration of greenhouse gases? (Yes/No)

For example, the use of renewable energy to replace fossil fuels will reduce greenhouse gas emissions by displacing the emissions released by burning the displaced fossil fuels; increasing the area of a forest enhances a sink since a forest will absorb more carbon than is released.

If Yes:

a) In what ways are emissions reduced in the project? Describe how the project will achieve a reduction, or replacement of source of greenhouse gas emissions.

(Character Limit: 1000)

b) Please provide an approximation of the GHG emissions (in tonnes CO_2 equivalent per year), before the investment, and an estimate of the GHG emissions after the investment. (The full GHG and resiliency assessment is not required at this stage. See *ICIP EQ website for methodology on the full assessment). (Character Limit: 1000)*

c) Which of the project components listed in the cost estimate provide the adaptation and how do they do this? *(Character Limit: 1000)*

70. Increasing oxygen levels in the atmosphere can help mitigate climate change by balancing the increasing carbon dioxide concentration caused by greenhouse gas emissions. Will the project enhance oxygen production from the environment? (Yes/No)

Example: A green roof will be built on the water treatment plant building. The roof will be 185 square metres of vegetation

If Yes:

a) Please explain in detail, including an estimated amount of oxygen to offset the GHG or equivalent greenhouse gas reduction, or identify the size and type of area that will generate the oxygen. *(Character Limit: 1000)*

b) Which of the project components listed in the cost estimate provide the mitigation and how do they do this? *(Character Limit: 1000)*

Section 9: Adding Value for a Better Planet

Environmental Protection

Protecting the environment is reducing the impact or damage caused by human activity.

71. Does the project protect the environment? (Yes/No)

a) If Yes, please explain how the project protects the environment. *(Character Limit: 1000)*

Examples:

1) reducing pollution and improving water quality through increased wastewater treatment or the use of raingardens; maintaining river flows for fish; using permeable pavement to reduce runoff; use of pump systems that protect fish; air and soil etc.

(Example: The wastewater treatment plant outfall will release treated effluent to a wetland area to protect the natural environment and replenish groundwater before overflow returns to the Rolling River.

2) A sediment pond will be constructed to capture runoff contaminants before stormwater is released to the Rolling River through an outfall near Green Street. The removal of sediments removes toxins and heavy metals from stormwater to protect river water quality. The sediment pond protects the Rolling River from contaminants such as copper and zinc. Currently, high levels of copper and zinc [identify quantity] have been measured in Rolling River, and it is anticipated that the project will reduce these by 90%. In the future, sediments captured will be removed and the metals recovered for sale and reuse.)

Enhancing the environment - support for natural systems and ecological services

Natural assets, such as wetlands, forests and streams can provide ecological benefits that serve the community and support the environment, by storing rainwater, reducing flooding. Supporting, enhancing, and accounting for natural systems will support sustainable infrastructure delivery. It is important to undertake urban and industrial development in a way that does not negatively impact the environment, such as freshwater ecosystems and air and soil quality.

Climate change impacts natural assets, which play a critical role in service delivery for all communities. However, these natural assets can also provide opportunities to increase community resilience to the impacts of climate change and carbon storage to mitigate changing climate. The BC Framework Primer on Climate Change and Asset Management (AMBC Primer) introduces an approach for integrating climate change considerations throughout the asset management process.

72. How are natural assets accounted for in your asset management system? (as per AMBC Primer) *(Character Limit: 1000)*

73. Are natural ecosystems or habitats being restored or enhanced with this project? (Yes/No)

If Yes:

a) Describe how ecosystems or habitats are restored/enhanced with the project. *(Character Limit: 1000)*

b) How does the community benefit from this work? *(Character Limit: 1000)*

c) Which of the components listed in the submitted cost estimate restore/enhance the ecosystem? (please use the same terms as those in the cost estimate.) *(Character Limit: 1000)*

Resource Recovery and Reuse

Rather than losing valuable resources to the landfill or flushing them towards the ocean, resources should be recovered and reused. For example, solid and liquid waste can be reused to conserve water, recover nutrients, capture, and reuse heat (please see Program Guide and *Closing the Loop* document for further information). If documents are attached, please identify specific page numbers or sections relevant to the answer.

74. Will resources be directly recovered as part of the project? (e.g., water, waste, heat) (Yes/No)

If Yes:

a) Describe the process for recovery, quantify the amount to be recovered (e.g., cubic metres, kilograms, litres, kilojoules, etc.), and describe where and for what purpose will the recovered resources be used? *(Character Limit: 1000)*

b) Is the recovered resource reducing the amount of energy used from another source (e.g., heat recovered from sewage could replace energy used in heating/cooling)? Estimate the amount of energy saved. *(Character Limit: 1000)*

c) How will the recovered resources benefit the public (i.e., greenhouse gas emissions reductions and clean and safe freshwater resources)? *(Character Limit: 1000)*

d) Which of the components listed in the submitted cost estimate are for resource recovery? (Please use the same terms as those in the cost estimate.)
(Character Limit: 1000)

Energy Generation and Reuse

Renewable energy supports a sustainable community and includes energy generated from waste as well as other sources such as hydropower, sunlight, wind, rain, tides, waves, etc.

75. Will this project generate renewable energy? (Yes/No)

a) If Yes, please explain in detail, including the estimated amount of energy that will be generated (e.g., kilowatt hour) and how it will be used. If documents are attached, please identify specific page numbers or sections relevant to the answer. (*Example: The project includes in-line turbines that will be installed in the water pipeline. The hydropower generation is expected to provide about 800 MWh/yr for use in the water treatment plant.)*
(Character Limit: 1000)

Outcome Specific Questions

Depending upon the federal Outcome selected in Question 7, the applicant will be asked to answer ONE of the corresponding sets of Outcome Specific Questions on the following pages.

Outcome 1: The project will increase the capacity to treat and/or manage wastewater

Outcome 2: The project will increase the capacity to treat and/or manage stormwater

Outcome 3: The project will increase access to potable water

Outcome 4: The project will increase capacity to divert or manage solid waste (including landfill gases)

Outcome 5: The project will increase capacity to reduce and/or remediate soil and/or air

Outcome 1: Wastewater Supplemental Questions

The project will increase the capacity to treat and/or manage wastewater

Projects eligible under the environmental quality sub-stream are public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The required Outcome of the Wastewater (sewage) category is to increase the capacity to treat or manage wastewater (sewage).

For example, the treatment level of wastewater may be increased, wastewater treatment may be made available to more people, or the wastewater system may be upgraded for sustainability. Please keep the required Outcome in mind when answering the questions in this section.

Program Targets & Benefits

1. Does the project affect a wastewater discharge that does not currently comply with the federal Wastewater Systems Effluent Regulations (WSER)? (Typically, such a facility would have a Transitional Authorization (TA) issued under the WSER.) (Yes/No)

   If Yes,

   i. What is the name of the treatment facility and to what water body is the discharge? (text box)
   ii. Does the facility operate under a federal Transition Authorization? (Yes/No)
   iii. What is the current risk level of the facility (as defined by federal regulations)? (Low, Medium, or High risk)
   iv. Will the project result in the wastewater system achieving compliance with the federal WSER? (Yes/No)
      - If Yes, Include details on how the project addresses compliance. *(Character Limit: 2000)*
      - If No, include details on why the project does not address compliance. *(Character Limit: 2000)*

2. Does the project affect a wastewater discharge that is currently out of compliance with a provincial authorization? (e.g.: permit, registration under Municipal Wastewater Regulation, or authorization through a Liquid Waste Management Plan.) (Yes/No)

   a) If Yes,

      i. Is there a requirement from Ministry of Environment (ENV) to improve the wastewater system? Attach related documents including communication from ENV. *(Character Limit: 2000)*

      ii. How will the project correct the non-compliance issue(s)? *(Character Limit: 2000)*

   b) If No,

      i) How will the project affect the current provincial discharge authorization for wastewater, and what type of authorization is in place? *(Character Limit: 2000)*

   Examples:

   1) *The project will extend the sewer collection service and will not affect the existing treatment plant that is authorized under the Green Valley Liquid Waste Management Plan.*

   2) The Townville sewage treatment plant is currently operating under a provincial permit, issued by the Ministry of Environment, for discharge to the Rolling River. The project is an expansion of the treatment plant and the new facility will be registered under the provincial Municipal Wastewater Regulation; etc.

3. How does the project meet the Outcome of increasing the capacity to treat or manage wastewater? *(Character Limit: 2000)*

   (Example: *The project increases the level of treatment by adding a nutrient-removal process to the treatment plant to remove phosphorous before the effluent is discharged to the Rolling River*. OR *The project will connect 50 homes in Townsville to the sewer system. These homes currently use septic fields, but the lots are too small and soil is poor such that local groundwater quality is threatened.*)

Conservation of Resources

4. How is inflow and infiltration being reduced in the wastewater system of which this project forms a part? *(Character Limit: 2000)*

5. How is the management of wastewater integrated with other services in the community? (Example: Integration with services like drinking water, stormwater, solid waste, roads, etc.) *(Character Limit: 2000)*

   (Example: *Wastewater management is integrated with drinking water services by reusing treated effluent from the wastewater treatment plant for park irrigation to reduce the use of treated drinking water, and (b) encouraging the use of low-flow fixtures with the rebates provided to residents (initiated under the Water Conservation Plan) reduces the amount of wastewater that needs to be managed; OR more efficient wastewater treatment process reduces the amount of biosolids entering the landfill.)*

Wastewater Project Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	**Anticipated After Investment**
Volume of materials diverted from disposal *in cubic meters per day*		
Quantity of resources (e.g., energy, treated effluent, nutrients, etc.) reused and/or recovered or replaced		
Capacity to treat wastewater *in cubic meters per day*		

Indicate number or length as appropriate	**Number/Length of assets receiving investment**	**Physical Condition before investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	**Physical Condition after investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Lagoon systems			
Linear wastewater assets in meters			
Wastewater treatment plants			
Wastewater pump stations			
Wastewater lift stations			
Wastewater storage tanks			
Other			
Other Description: *(Character Limit: 2000)*			

Outcome 2: Stormwater Supplemental Questions

The project will increase the capacity to treat and/or manage stormwater

Projects eligible under the environmental quality sub-stream are public infrastructure (capital assets) owned by an Indigenous Ultimate Recipient or Local Government. The desired Outcome of the Stormwater (drainage) category is to increase the capacity to treat or manage stormwater (drainage).

For example, the treatment level of stormwater may be increased to remove sediments and/or specific toxins, stormwater management may be improved to reduce peak flows or overflows, or infrastructure work may protect natural storm runoff (drainage) from contamination. Please keep the desired Outcome in mind when answering the questions in this section.

Program Targets & Benefits

1. What regulation(s) or authority governs the stormwater system of which the project forms a part and how does the project affect this governance? Identify any local regulations or bylaws. *(Character Limit: 2000)*

   (Example*: The Townville Liquid Waste Management Plan was updated in 2015 to include storm water management with the specific activity of separating all storm water from combined sewers by 2030. This project is a phase of that separation and will construct a new storm sewer along Main Street where there is an existing combined sewer.*)

2. Will this project separate combined sewers and/or eliminate combined sewers overflows? *(Character Limit: 2000)*

3. How does the project meet the goal to increase the capacity to treat or manage stormwater? *(Character Limit: 2000)*

   (Example: *The project reduces contaminants introduced to the environment by reducing the frequency of raw-sewage spills to the Townville Nature Preserve. In past years, heavy rainstorms have caused the combined sewer-system to overflow into the nature preserve and by separating the sewers overflow events will be reduced. As well, the new storm sewer will have capacity to manage more stormwater runoff than the existing combined sewer system.*)

Conservation of Resources

4. How will the project improve the quality of the stormwater? *(Character Limit: 2000)*

5. How will the project manage the quantity of the stormwater? *(Character Limit: 2000)*

6. How will the increasing flows from increasing impervious areas due to future development be managed in a sustainable manner? *(Character Limit: 2000)*

   (Example: *Future development areas will be required to install raingardens and natural low areas to capture and treat first-flush runoff and to delay peak flows in the storm sewer system. This management will delay a need to increase pipe capacity and so will extend the life of storm sewers.*

   As well, the development costs of the raingardens will be borne by the new areas rather than the town to offset operating and maintenance costs of the existing system.)

7. How is the management of stormwater integrated with other services in the community or region (Example: Integration with services like drinking water, wastewater, solid waste, roads, etc.)? *(Character Limit: 2000)*

   (Example: 1) *Stormwater management is linked with the drinking water service as the constructed bioswales will encourage stormwater to be absorbed into the soil in an area where groundwater is being depleted, rather than having it be carried downstream. The groundwater is being utilized for community drinking water and encouraging recharge of the aquifer will help ensure that there is enough water available to the community in future years; OR the project will improve the capacity of the stormwater system to handle future rainfall events as it takes into considerations rainfall projections in a changing climate which will help limit the potential for future underground washouts of roadways and raingardens will slow the flow of water into receiving freshwater environments.)*

   (Example: 2) The use of water is reduced because the local Valleyview golf course uses rainwater ponds for irrigation and for groundwater recharge reducing the amount of treated drinking water that would otherwise be used for irrigation. Approximately 2000m^3 of treated water used per day will be offset by the reuse.

Stormwater Project Indicator Table			
Include only assets that will be receiving investment			
	Before Investment (N/A if new asset)	**Anticipated After Investment**	
Volume of materials diverted from disposal *in cubic meters per day*			
Capacity to treat stormwater *in cubic meters per day*			
Where combined sewers are separated, provide *number of sewage overflow occurrences*			
Quantity of resources (e.g., energy, stormwater, etc.) reused and/or recovered or replaced			
Indicate number or length as appropriate	**Number/Length of assets receiving investment**	**Physical Condition before investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	**Physical Condition after investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Drainage pump stations			
Management facilities: ponds and wetlands			
Management facilities: all other permitted end-of-pipe facilities			
Linear stormwater assets *in meters*			
Other (e.g., incorporation of natural assets such as wetlands, or construction of bioswales, rain gardens, etc.)			
Other Description: *(Character Limit: 2000)*			

Outcome 3: Drinking Water Supplemental Questions

The project will increase access to potable water

Projects eligible under the environmental quality sub-stream are public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The desired Outcome of the Drinking Water category is to increase access to potable water. For example, the level of treatment may be improved to resolve drinking water quality issues or potable water may be made available to more people. Projects must support a system that will meet or exceed provincial water quality requirements, either with the project resulting in meeting requirements or the drinking water quality already meeting the standards. Please keep the desired Outcome in mind when answering the questions in this section.

Program Targets & Benefits

1. Will the project meet or exceed the requirements of the *Drinking Water Protection Act*, Drinking Water Protection Regulation, Provincial Water Treatment Objectives, and the terms and conditions set out in the Operating Permit for the drinking water system? (Yes/No)

    a) If Yes, describe how it will meet or exceed the requirements. *(Character Limit: 2000)*

    b) If No, please note drinking water quality following completion of a drinking water Project must meet or exceed provincial standards.

2. What regulation(s) or authority regulates or oversees the drinking water system of which the project forms a part? And how does this project comply with the standards or requirements of that authority? Please describe the legal instruments that are used including the name of the regulator (e.g., Ministry of Health, *Drinking Water Protection Act,* and Drinking Water Protection Regulation; Ministry of Environment and Climate Change Strategy - *Water Sustainability Act* and Groundwater Protection Regulation; Regional Health Authority - Operating Permit, etc.). *(Character Limit: 2000)*

    (Example 1: The Operating Permit for our waterworks specifies that by March 21, 2020, "the Water System Owner shall provide two treatment processes acceptable to the Health Authority, achieve a 4-log removal/inactivation of viruses, a 3-log removal/inactivation of Giardia cysts and Cryptosporidium oocysts, and produce treated water with less than 1 NTU turbidity". This project will install the necessary treatment equipment to comply with the requirements of our permit

    Example 2: The Operating Permit for the drinking water system specifies that the purveyor shall:

    - *Provide continuous monitoring of the water disinfection process;*
    - *Provide a well protection plan for each well source; and*
    - *Provide long-term plans for treatment, source, and distribution system improvements*

    This project will install continuous monitoring equipment which will bring us into compliance with the permit requirement.)

3. Has the community which the project will serve experienced a long-term drinking water advisory lasting continuously more than 12 months? (Yes/No)

    If Yes,

    a) Will the project result in improvements that will result in the advisory being lifted? (Yes/No)

b) Specify the location of the water advisories and briefly explain the nature of the long-term drinking water advisory and how the project will resolve the issues which resulted in the advisory. *(Character Limit: 2000)*

(Example: The community has been experiencing a long-term boil water advisory due to elevated levels of organics in surface water source. The new treatment facility will remove organics through x process OR developing a new groundwater source with lower organics will ensure better source water quality, requiring less treatment and resulting in the removal of the long-term boil water advisory.)

If No,

c) Explain the nature, dates, and duration of any shorter-term drinking water advisories that have recently affected the community and how the project will resolve the issues which resulted in the advisory. *(Character Limit: 2000)*

4. How does the project meet the goal of increased access to potable water? Include quantities such as the number of people or the volume of water. *(Character Limit: 2000)*

   (Example: *The project will address a long-term boil water advisory by providing source protection and drinking water treatment improvements [specify] giving the 530 households and 40 businesses in the water service area a more reliable water supply without the need to boil water to ensure its safety.*)

Managing Demand

5. Identify the demand/flow utilized for planning and design of the project and project components, including each of the following: *(Character Limit: 4000)*

   a) Design flow and/or current water demand (e.g., L/s or m^3/d, annual demand, average daily demand, maximum daily demand, peak hour demand, etc.)

   b) A per-capita water demand for the population of the area serviced

   c) How the demand/flow is measured/estimated for design of project components

   d) Forecasted future demand or flows, and how growth/capacity is incorporated

   e) How the size of the infrastructure has been determined based on demand or flow information.

   (Examples: Average daily demand is 2,799 m3 or 2,799,810 L, and current residential per capita consumption is 594 L per day as compared to the provincial average of 353 L per day, and maximum daily demand is [value]. How will the future water demand/flow be managed or influenced to make the infrastructure cost effective and suitable for the full duration of its useful life? How does this project support these demand management (or water conservation) initiatives?

   (Example: 1) Water conservation initiatives including implementing an increasing block rate structure based on metered consumption will continue to be implemented, as promoted by our Water Conservation Plan. The project upgrades the water treatment facility at today's peak daily demand and will rely on demand management initiatives to reduce peak demand and provide the extra capacity for community growth until about the year 2065, thereby delaying the need for facility expansion.

(Example: 2) Under the Water Conservation Plan, an increasing block rate structure and a rebate program for low flow fixtures have been introduced to reduce the per-capita use of drinking water. Over the next ten years, per-capita demand is expected to decline by 10% (on average a savings of about 40 L/d/person in the town population of about 2000).

Conservation of Resources

6. How is the management of drinking water integrated with other services in the community or region (Example: Integration with services like wastewater, stormwater, solid waste, roads, etc.)? *(Character Limit: 2000)*

   Example: The drinking water service is integrated with wastewater management as treated effluent from the wastewater treatment plant is disinfected and used for park irrigation to reduce the use of treated drinking water.

7. How is the drinking water supply (source) being protected and managed to ensure clean water is available for the future of the community? *(Character Limit: 2000)*

   (*Examples: Regional climate change models predict lower water levels in Upper Townsville Lake which provides the community water supply. In 2016, the lake intake was lowered by 3 m based on the climate prediction that the lake level may drop one meter over the next 100 years. The local government incorporates water quality protection into their management operations, based on requirements set out in a watershed plan.*

   Drinking water source protection will be carried out alongside the project by replanting a sloped area in the water catchment which had previously been deforested for agricultural use, helping to protect source water quality, and reducing the need for additional water treatment.)

Drinking Water Project Indicator Table			
Include only assets that will be receiving investment			
	Before Investment (N/A if new asset)	**Anticipated After Investment**	
Capacity to treat drinking water *in cubic meters per day*			
Quantity of resources (e.g., energy, heat/cooling, etc.) reused and/or recovered or replaced			
Indicate number or length as appropriate	**Number/Length of assets receiving investment**	**Physical Condition before investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good	**Physical Condition after investment** Select one: N/A, Very Poor, Poor, Fair, Good, Very Good
Water treatment facilities			
Reservoirs			
Pump Stations			
Transmission pipes *in meters*			
Local water pipes *in meters*			
Other			
Other Description: *(Character Limit: 2000)*			

Outcome 4: Solid Waste Diversion Supplemental Questions

The project will increase the capacity to divert or manage solid waste (including landfill gases)

Projects eligible under the Environmental Quality sub-stream must be public infrastructure (capital assets) owned by an Indigenous Ultimate Recipient or Local Government. The desired outcome of the Solid Waste Diversion category is to divert materials from entering landfills to reduce air pollution and to create increased capacity to process the diverted materials within the solid waste stream or to direct the existing landfill gas to use as a source of energy (e.g., direct towards district energy).

Program Targets & Benefits

1. Does the project reduce the amount of solid waste entering a landfill/increase the amount of waste diverted from disposal? Examples include recycling, composting, anaerobic digestion, or waste-to-energy infrastructure. (Yes/No)
    a) If Yes,
        i. What is the estimated amount of waste that will be diverted annually? Calculation will use the Generally Accepted Principles for Calculating Municipal Solid Waste Systems Flow and should be calculated in wet tonnes. * *(Character Limit: 2000)*
        ii. What is the diverted amount in kg/capita/year? ** *(Character Limit: 2000)*
        iii. Describe the service area that was used to estimate the waste diversion amount. *(Example: The entire residential population of the Regional District will be able to utilize the new composting facility, so the population of the Regional District was used in the kg/capita/year calculation.) (Character Limit: 2000)*

    b) If No, does this project divert landfill gases to be used in some other ways? (Yes/No)

        i. If Yes, what is the estimated volume and types of gases that will be diverted annually?

        ii. If No, please note solid waste diversion projects that do not result in a measurable increase in material diverted from disposal are ineligible.

    **The total amount of material accepted at the landfill per year is calculated from tipping measurements.*

    ***An average per-capita amount is calculated by dividing the total amount diverted by the number of residents in the service area.*

2. Solid waste infrastructure is regulated under the *Environmental Management Act*. Describe how the project relates to and aligns with a Solid Waste Management Plan and waste diversion targets. Describe any local regulations and bylaws which will apply to or affect the project. *(Character Limit: 2000)*

    (Example*: The project will directly contribute towards the waste diversion targets set out in the Regional District's Solid Waste Management Plan as reviewed by the Ministry of Environment, by diverting approximately 200 tonnes of organic food waste from the landfill each year. A bylaw will be put in place to require residents to separate food waste from the regular waste stream.)*

3. How does the project reduce air emissions from being introduced to the environment? Include the targeted pollutants/chemicals and estimated reductions, as well as describe methods used to reduce the amount or the effects of pollutants. *(Character Limit: 2000)*

(Example: *The project will reduce 10 tonnes (CO_2e) of greenhouse gases annually, including methane and carbon dioxide that would otherwise be introduced into the atmosphere.)*

4. What will be the effect of the project on landfill lifespan within the service area? *(Character Limit: 2000)*

   (Example: The expected closure date of the regional landfill was 2035, but with this diversion infrastructure, the lifespan of the landfill will be extended to 2050.)

5. Does the community have a zero-waste initiative, and how does the project apply or support zero waste? *(Character Limit: 2000)*

6. How is the management of solid waste integrated with other services in the community? How will the project integrate with the other services? *(Character Limit: 2000)*

   (Example: *The diverted organics will be mixed with biosolids from the wastewater treatment process, integrating solid waste and wastewater management.)*

7. If your organization also operates a landfill, how is leachate recovered and treated at the landfill and how is it disposed of or discharged to the environment? Describe the collection and treatment systems and identify the final location for disposal or natural receiving environment for discharge. *(Character Limit: 2000)*

   (Example: *Leachate is collected and piped to the treatment plant where an RBC biological pre-treatment process is used to reduce BOD and TSS. From there, the leachate effluent is piped to the Townsville wastewater treatment plant which ultimately discharges final effluent to the Rolling River.)*

   (Example: The in-vessel composting solution [specify] and bioreactor utilized at the new diversion facility will generate heat and power. The heat and power generated will be utilized within the facility to offset energy requirements.)

Solid Waste Diversion Project Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	Anticipated After Investment
Volume of materials diverted from disposal *in tonnes per year*		
Capacity to dispose of materials *in tonnes per year*		
Quantity of resources (e.g., energy, heat, etc.) reused and/or recovered or replaced		

Outcome 5: Remediation Supplemental Questions

The project will increase capacity to reduce and/or remediate soil and/or air pollutants

Projects eligible under the Environmental Quality sub-stream must support public infrastructure defined as capital assets for public use/and or benefit and owned by an Indigenous Ultimate Recipient or Local Government. The desired outcome of the Remediation category is to reduce soil and air pollution, and to increase capacity to reduce or remediate soil and/or air pollutants through brownfield remediation. Projects that reduce or remediate soil pollutants must be undertaken on properties that are contaminated, as confirmed by a Phase II Environmental Site Assessment.

Note that the purchase of land is not an eligible cost under the program.

Program Targets & Benefits

1. Does the project reduce or remediate soil and/or air pollutants (including restoration of brownfield sites)? (Yes/No)
    a) If Yes,
        i. Has a Phase II Environmental Site Assessment (ESA) found that this site was contaminated? (Yes/No)
            - If No, projects that answer No to the above are ineligible.
2. What is the intended use of the site at project conclusion (eligible Projects will support public infrastructure, defined as tangible capital assets primarily for public use and/or benefit)? *(Character Limit: 2000)*
3. What is the size of the land parcel that will be remediated in the project? *(Character Limit: 2000)*
4. Provide the geographic footprint of the lands which will be remediated (provide .KML file, according to instructions available on program website).
5. What regulation(s) or authority govern the project and how does the project affect this governance? Include any local regulations or bylaws. *(Character Limit: 2000)*
6. What issues and levels of contamination were identified through the environmental site assessment and how have each been addressed in the project? Include relevant details such as how much (many) toxins or toxicity (quantity) the project will reduce, and how the reduction is accomplished. *(Character Limit: 2000)*
7. How does the project meet the goal to increase the capacity to reduce pollutants introduced to the environment or remediate soil and/or air pollutants? *(Character Limit: 2000)*

Soil Pollutants Project Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	**Anticipated After Investment**

Surface area of land under remediation (in square kilometres)		

Additional Indicators

Please note these are not your project specific outcomes indicators. If the project achieves any additional outcomes, please select the applicable indicators below.

Climate Change Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	**Anticipated at Project Conclusion**
% of the province's electricity supply generated from this renewable energy source		
Solar		
Wind		
Ocean		
Hydropower		
Biomass		
Geothermal resources		
Biofuels		
Hydrogen derived from renewable resources		
Other type of renewable energy		
Describe other: *(Character Limit: 1000)*		
Increased Capacity to generate clean energy in Megawatts generated (at maximum capacity)		
Solar		
Wind		
Ocean		
Hydropower		
Biomass		
Geothermal resources		
Biofuels		
Hydrogen derived from renewable resources		
Other type of renewable energy		
Describe other: *(Character Limit: 1000)*		

Building Energy Indicator Table		
Include only assets that will be receiving investment		
	Before Investment (N/A if new asset)	**Anticipated at Project Conclusion**

Energy intensity (expressed in gigajoules of energy consumption per square metre of floor area (GJ/m²) per year)		
Describe the building and any energy efficiency certification: *(Character Limit: 1000)*		

Environmental Protection & Enhancement Indicator Table
Include only assets that will be receiving investment.

Indicate number or length as appropriate	Number / Length of assets receiving investment	Physical Condition before investment	Physical Condition after investment
Naturally occurring assets (indicate overall physical condition)			
Aquifer			
Wetland			
Forest			
Shoreline Vegetation			
Other			
Other Description			
Use of engineered natural assets (indicate overall physical condition)			
Green Roofs			
Bioswales/Rain Gardens			
Other			
Other Description			

*Other Description: *(Character Limit: 1000)*