Investing in Canada Infrastructure Program

Rural and Northern Communities
Application Form Questions

THIS IS A SAMPLE APPLICATION ONLY
ALL APPLICANTS MUST APPLY AND SUBMIT APPLICATIONS ONLINE
Visit the ICIP – Rural and Northern Communities website for the online application portal.

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Section 1: Applicant Information
Applicants will access the application through their client record in the Local Government Information System (LGIS). Please see the Application Instructions (PDF, 93 KB) 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 (Please provide a short concise plain language title.)
4. Project Description:
   a) Provide a general, brief description of the project.
   b) Provide a detailed list of the project works.

   (Example: Upgrading a community kitchen within the existing community centre including:
   - Upgrading approximately 400 square feet of community kitchen space, including electrical and plumbing, replacement of all fixed appliances, and; related works to meet commercial kitchen standards.)

5. Describe why the project is needed and how need was assessed.
   (Example: current facility needs replacement due to age, condition, increased service demands, a food security survey was completed and results include the need for the new facility)

Federal Outcomes
6. Identify which outcome the project will support (one of either the core or additional outcomes eligible under the program):

   Rural and Northern Communities Program Core Outcomes:

   - The project will improve food security
   - The project will improve or increase reliability of road, air and/or marine infrastructure
   - The project will improve broadband connectivity
   - The project will increase energy efficiency and/or reliability
   - The project will improve education and/or health facilities (specific to the Truth and Reconciliation Commission’s Calls to Action)

   Additional outcomes that are eligible under the Rural and Northern Communities Program

   Community, Culture and Recreation Outcomes:

   - The project will improve access to and/or increased quality of Cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations

   Environmental Quality Outcomes:

   - The project will increase the capacity to treat and/or manage wastewater
   - The project will increase the capacity to treat and/or manage stormwater
   - The project will increase access to potable water
• The project will increase capacity to reduce and/or remediate air pollutants (through solid waste diversion)
• The project will increase capacity to reduce and/or remediate soil pollutants

**Flood, Adaptation, Resilience and Disaster Mitigation Outcomes:**

• The project will increase structural capacity and/or increase natural capacity to adapt to climate change impacts, natural disasters and/or extreme weather events

**Public Transit Outcomes:**

• The project will improve capacity of public transit infrastructure
• The project will improve quality and/or safety of existing or future transit systems
• The project will improve access to a public transit system

7. **Project Type** [selected from pick-list] (Example: buildings, food security, energy etc.)

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**Project Location**

8. **Project physical address (and/or start and end points)**

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**Project Submission History**

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

**Project Works**

10. Are the project works? (Indicate % for each relevant type)
    New, Rehabilitation Expansion, Other

11. Will the completed works be used by the general public? (Yes/No)*

*Projects that are used by the general public must meet or exceed the requirement of the highest published accessibility standard in a jurisdiction, in addition to applicable provincial codes and local government bylaws. Accessibility Standards are as defined in the Canadian Standards Association Technical Standard Accessible Design for the Built Environment CAN/CSA B651-12)
12. If yes, will accessibility standards be met? (Yes/No)
   
   a) If yes, please confirm how accessibility standards will be addressed in the design and construction?
   
   b) If no, explain reasons why accessibility standards can't be met. *(Example – renovating an older structure that can’t house an elevator to access the upper floors.)*

13. How will the design meet or exceed energy efficiency standards? **

   **Projects that involve construction or rehabilitation of buildings must meet or exceed any applicable energy efficiency standards for buildings outlined in the Pan-Canadian Framework on Clean Growth and Climate Change.**

   a) Please list the energy efficient features that will be included in the project.

14. What regulatory authorities must be contacted (engaged) to complete the project and what permits will be required for the project?

   *(Example: Building permits for Community Kitchens must have Health Officer approval of the design prior to construction under the food security outcome.)*

   Please Upload permits or licenses that have been obtained (document upload box)

**Section 3: Is the Project Eligible**

Projects that are eligible under the Rural and Northern Communities Program must be public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit* organization.

*see restrictions in Program Guide around For-Profit projects.

15. Do you have a Council/Board/Band Council or other appropriate governing body resolution authorizing the project to proceed and committing your share of project funding? (Yes/No)

   a) If yes, please attach.

   b) If no, when do you expect to submit the council/board/Band Council resolution?: DD-MM-YYYY

   *The Council/Board/Band Council resolution is required to be received within one month of the application closing date.*

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

   *Projects that have started (construction tender awarded) are ineligible.*

17. What is the percentage of project design that has been completed as of application submission date?

18. Estimated project start date?
19. Estimated project completion date?
20. Estimated construction start date?
21. Estimated construction completion date?
22. What is the population that will be directly served by this project?
23. Does the project benefit more than one community? (Yes/No)
   a) List the communities that will use the infrastructure and their corresponding populations. (Table)
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
   *For-profit entities please refer to section 9.1.2 REVENUE FROM ASSETS in the Program Guide

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. Mandatory documents may vary by applicant.

Local Governments
25. Please attach each of these mandatory documents (15 MB limits per documents):
   - Project location .KML file (see directions on website)
   - Detailed Cost Estimate (see template on website)
   - Site Plan
   - Project Study or Plan (see program guide for details)
   - For all Drinking Water or Wastewater projects: Water Conservation Plan and a copy of Council/Board/Band Council endorsement for the plan

26. Additional Documentation

Additional documentation is optional and may be uploaded here to support your application. Refer to program guide for additional information. Supporting document examples: Partnership/MOU agreement; Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Community Energy Plan; Water Conservation Plan; Food Security Plan; Options Assessment; or, Asset Management Plan.

Indigenous Ultimate Recipients
27. Please attach each of these mandatory documents (15 MB limits per documents):
   - Project location .KML file (see directions on website)
• Detailed Cost Estimate (see template on website)
• Site Plan
• Project Study or Plan (see program guide for details)

28. Additional Documentation (Click to expand)

Additional documentation is optional and may be uploaded here to support your application. Refer to program guide for additional information. Supporting document examples: Partnership/MOU agreement; Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Community Energy Plan; Water Conservation Plan; Food Security Plan; Options Assessment; or, Asset Management Plan.

Display four Additional Document upload boxes

Not for profit

29. Please attach each of these mandatory documents (15 MB limits per documents):

• Project location .KML file (see directions on website)
• Detailed Cost Estimate (see template on website)
• Site Plan
• Project Study or Plan (see program guide for details)
• Business financial plan including working capital and income sources

30. Additional Documentation (Click to expand)

Additional documentation is optional and may be uploaded here to support your application. Refer to program guide for additional information. Supporting document examples: Partnership/MOU agreement; Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Community Energy Plan; Water Conservation Plan; Food Security Plan; Options Assessment; or, Asset Management Plan.

For profit

31. Please attach each of these mandatory documents (15 MB limits per documents):

• Project location .KML file (see directions on website)
• Detailed Cost Estimate (see template on website)
• Project Study or Plan (see program guide for details)
• Business financial plan including working capital and income sources
• Agreement with Local Government

32. Additional Documentation (Click to expand)
Additional documentation is optional and may be uploaded here to support your application. Refer to program guide for additional information. Supporting document examples: Partnership/MOU agreement; Cost Benefit Analysis or Other Study; Design Drawings; Letters of Support; Community Energy Plan; Water Conservation Plan; Food Security Plan; Options Assessment; or, Asset Management Plan.

Display four Additional Document upload boxes

Section 5: Project Costs and Project Delivery

33. Total Gross Project Costs
34. Total Ineligible Project Costs
35. Total Eligible Project Costs [Total Gross Project Costs less Total Ineligible Project Costs]
36. Other Funding Sources (Do not include internal sources)

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

37. Net Eligible Costs [Total Eligible Project Costs less Total Other Funding Sources]
38. Maximum Grant Amount (Estimated)

   * Grant amount may be adjusted after ministry review.

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

   i. If your detailed cost estimates do not directly correspond with these amounts, clarify the variance between the costs.

Fiscal Year Breakdown

Please fill in the costs below. The costs to be entered will represent how much money you expect to spend on eligible costs for the project each year.

37.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Forecasted Eligible Project Costs (April 1 to March 31)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019 – 2020</td>
<td></td>
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<tr>
<td>2020 – 2021</td>
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<td>2023 - 2024</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

*Fiscal Year Breakdown Totals must equal Net Eligible Costs.
Funding Details

41. Is this project a phase or component of a larger project? (Yes/No)
   a) If Yes, please provide a description of the phases, including any funding for past and/or future phases and estimated timelines.

42. Can the project, as submitted, be broken into smaller phases if full funding is not available? (yes/no)
   a) If yes, please describe how it can be phased.
   b) If no, please explain why it can’t be phased.

43. Do you intend to use your own workforce and/or equipment?
   a) If yes, you must request and receive approval prior to work being carried out (please see program guide).

44. At this stage, do you intend to directly award contracts (sole sourced contracts) during procurement for any aspect of the project? (Yes/No)
   a) If Yes, the expectation is that project contracts are to be tendered. Projects that utilize directly awarded contracts (sole sourced) of over $25,000 may need a Federal Treasury Board submission for project approval. Identify the estimated amount of the directly awarded contract, who will be conducting the work, the nature of the work and explain why sole source contracting will be used.

45. Is the employment of apprentices; Indigenous peoples; women; persons with disabilities; veterans; youth; recent immigrants; and small-, medium-, and social enterprises to be considered during project procurement/construction?
   a) If yes, describe.

Section 6: Funding/Planning

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

Local Governments with a population between 5000 and 25000

46. Will the Local Government portion of the project come from borrowing?
   a) If yes, what portion of the Local Government share of project funding is expected to be from borrowing?
   b) When and how will the borrowed funding be secured? (Example: referendum, etc.) Attach evidence of secured funds
   c) Is public approval required to approve borrowing? (Yes/No)
      i. If No, describe why approval is not required in order to borrow.
      ii. If Yes, please attach a scan of a signed and certified loan authorization bylaw that is at 3rd reading or adopted.
      iii. If Yes, please attach a completed Liability Servicing Limit Certificate that includes the anticipated borrowing costs necessary to finance the project.
   d) If No, are all the funds readily accessible? (Yes/No)
      I. If Yes, please attach evidence of secured funds.
(Example: Bank statements, staff reports or resolutions of board/council directing the use of reserve funds)

II. If No, what is the anticipated source of funds?
(Example: collected through specific rates or fees, development cost contributions)?

47. Is the project included in the 5-year financial plan bylaw? (Yes/No)
   a) If yes, click to upload document
   b) If no, indicate when the project will be included in the 5-year financial plan bylaw and why it has not yet been included.

48. If there are cost overruns, what plans are in place, beyond contingencies to fund the unforeseen cost increases?

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

Local Governments with a population under 5000

Approved projects for Local Governments with a population under 5000 will be funded up to 100% and questions regarding funding the applicant portion of the project are not necessary.

49. What plans are in place and where will funds be sourced from if project costs escalate beyond budgeted contingencies (cost overruns)?

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

Indigenous Ultimate Recipients (on-reserve)

Approved projects for on-reserve Indigenous Recipients will have up to 75% federal funding from the Rural and Northern Communities Program. For the remaining 25%, financial information will be required.

50. Will you be using other sources of Federal funding to make up the additional 25% of project costs?
   a. If Yes, please provide the federal funding source/program; contact name & number; and, amount of additional funding
   b. If No, Is borrowing required to fund the remaining 25% and is the borrowing secured? (Example:. Line of Credit, Reserve Funds, other grants (non-federal source), other)
      i. Please attach evidence that borrowing has been secured, if available.

51. If there are cost overruns, what plans are in place, beyond contingencies to fund the unforeseen cost increases?

Note: ICIP does not provide additional funds to cover cost overruns.
Indigenous Ultimate Recipients (off-reserve)

Approved projects for off-reserve Indigenous Ultimate Recipients will be funded up to 100% of eligible costs established by the conditions of the signed contract (75% Federal and 25% Provincial).

52. The program is claims based. How will your organization be able to carry the project costs until a claim for completed works is reimbursed by the Province (Example: Line of Credit, reserve funds)?

53. If there are cost overruns, what plans are in place, beyond contingencies to fund the unforeseen cost increases? (Example: Line of Credit)

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

Not for Profit

54. The program is claims based. How will your organization be able to carry the project costs until a claim for completed works is reimbursed by the Province? (Example: Line of Credit, reserve funds)

55. If there are cost overruns, what plans are in place, beyond contingencies to fund the unforeseen cost increases?

Note: ICIP does not provide additional funds to cover cost overruns.

56. How will you pay for your portion of the project costs?
   (Example: Line of Credit, Funds on hand, Financial Donations, surplus, etc.)
   a. Please attach evidence that borrowing has been secured.

57. A financial statement will be required for Not-for-Profit organizations and must be specific to the applicant organization.

Please upload:
- An internally prepared financial statement for projects with eligible costs up to $500,000 or,
- A statement reviewed by an independent public accountant for projects with eligible costs $500,001 and above

For Profit

58. The program is claims based. How will your organization be able to carry the project costs until a claim for completed works is reimbursed by the Province? (Example: Line of Credit, funds on hand).
59. If there are cost overruns, what plans are in place, beyond contingencies to fund the unforeseen cost increases?

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

60. How will you pay for your portion of the project costs? *(Example: Line of Credit, Funds on hand, surplus, etc.)*

Upload evidence of secured funds. *(Example: line of credit letter, bank statement showing available funds.)*

61. A financial statement will be required for For-Profit organizations and must be specific to the applicant organization

Please upload:
- An internally prepared financial statement for projects with eligible costs up to $500,000 or,
- A statement reviewed by an independent public accountant for projects with eligible costs $500,001 and above

**Project Consultation Considerations**

62. How does this project align with the long term plans of your organization?

63. What affected or interested groups or stakeholders have been consulted or will be consulted regarding the project? Please list
   a. What were the results of these discussions?

64. Is any part of the project located on federal lands? *(Yes/No)*
65. Is the project subject to a federal environmental assessment? *(Yes/No)*

**Federal Checklist**

66. The following elements are of interest to Infrastructure Canada.
   Select "Yes" for risks that are applicable to your project, and provide a brief description of the risk and mitigation strategies undertaken or planned. Select “No” for risks that are not relevant to your project
   Example: Describe risk and its probability (low/medium/high), impact, and mitigation response (will risk be avoided, mitigated, transferred, or accepted). Describe the planned actions and what the residual risk will be.
   a. Project Complexity
      i. Remote geographic location *(Yes/No)*
      ii. Unpredictable weather *(Yes/No)*
      iii. Untested or unproven technologies *(Yes/No)*
iv. Highly technical or complex project (Yes/No)
v. Interdependencies between phases (Yes/No)
vi. Other (please describe) (Yes/No)

a. 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 is not secured for the entire project cost (assuming a grant is received through this program) (Yes/No)
   vi. Other (please describe) (Yes/No)

b. Project Sensitivity
   i. The project has received positive media attention (Yes/No)
   ii. The project has received negative media attention (Yes/No)
   iii. Certain stakeholders have been vocal about the project (Yes/No)
   iv. Other (please describe) (Yes/No)

67. Identify other potential risks that are not included in the federal risk checklist. If there are no other potential risks, please type N/A.
   (Example: Public opposition expected, technology becoming outdated, usage not as expected, difficulties finding appropriately trained people to manage/maintain, 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, etc.)

Section 7: Management & Planning

Local Governments

Questions relate to sustainable management and planning of infrastructure. Additional resources on infrastructure asset management can be found on the Asset Management BC website: www.assetmanagementbc.ca.

For the infrastructure applied for in this application:

68. How will the assets associated with the completed project be managed and maintained over their life?
69. How will ongoing operating and maintenance costs be funded?
70. How does the project design support reduced operation, maintenance and related costs over the lifecycle of the infrastructure? *Operating and maintenance costs can be reduced over the lifecycle of the infrastructure through appropriate design. (Example: use of quality materials that require less maintenance, potential for remote monitoring, etc.)

71. Where the infrastructure will serve an ongoing need for the community, what activities will be carried out to ensure that the funds to replace the asset at the end of its life will be available? (Example: set aside funds annually to allow for renewal, replacement or rehab in 20 yrs, funding through financial reserves, implementing a rate structure or user charges which include depreciation/replacement costs, etc.)

Note: proponents are expected to manage the completed project in a financially sustainable manner, including planning for the eventual renewal of the infrastructure without grant support.

For all infrastructure that your organization manages:

72. How do you keep track of the infrastructure assets you manage, including their condition and performance? (Example: We have a database of all of 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).

73. What do you do to ensure that the service provided by infrastructure remains cost effective/cost efficient?

74. Describe long term planning activities that are currently used to manage infrastructure. (Example: This might include schedules or timelines that identify when items need to be replaced, maintenance plans/strategies, risk management plans, condition assessment plans that set out when inspections will occur, long term financial plans)

75. What are your ongoing revenue sources and what planning is carried out to ensure that costs to maintain, operate, and replace infrastructure assets can be met over the long-term? (Example: We have a plan that outlines the anticipated costs of operations, maintenance and renewals over the next 10 years, and a long term financial plan that identifies secured and anticipated sources of funding over the next 10 years to levels that will enable these costs to be funded.)

Indigenous Ultimate Recipients

76. Does your organization have experience with owning and managing infrastructure?
   a. If yes, how do you keep track of the infrastructure assets you manage, including their condition and performance? (Example: We have a database of all of 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.)
   b. If yes, describe long term planning activities that are currently used to manage infrastructure. (Example: This might include schedules or timelines that identify when
items need to be replaced, maintenance plans/strategies, risk management plans, condition assessment plans that set out when inspections will occur, long-term financial plans)

c. If yes, what are your ongoing revenue sources and what planning is carried out to ensure that costs to maintain, operate, and replace infrastructure assets can be met over the long-term? (Example: We have a plan that outlines the anticipated costs of operations, maintenance and renewals over the next 10 years, and a long-term financial plan that identifies secured and anticipated sources of funding over the next 10 years to levels that will enable these costs to be funded.)

77. How will the assets associated with the completed project be managed and maintained over their life?

78. How will ongoing operating and maintenance costs be funded?

79. How does the project design support reduced operation, maintenance and related costs over the lifecycle of the infrastructure? *Operating and maintenance costs can be reduced over the lifecycle of the infrastructure through appropriate design. Example: use of quality materials that require less maintenance, potential for remote monitoring, etc

80. Where the infrastructure will serve an ongoing need for the community, what activities will be carried out to ensure that the funds to replace the asset at the end of its life will be available? (Example: set aside funds annually to allow for renewal, replacement or rehab in 20 yrs, funding through financial reserves, implementing a rate structure or user charges which include depreciation/replacement costs, etc.)

Not-For-Profit

81. Does your organization have experience with owning and managing infrastructure?
   a. If yes, how do you keep track of the infrastructure assets you manage, including their condition and performance? (Example: We have a database of all of 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.)
   b. If yes, what do you do to ensure that the service provided by infrastructure remains cost effective/cost efficient?
   c. If yes, describe long term planning activities that are currently used to manage infrastructure. (Example: This might include schedules or timelines that identify when items need to be replaced, maintenance plans/strategies, risk management plans, condition assessment plans that set out when inspections will occur, long term financial plans)
   d. If yes, what are your ongoing revenue sources and what planning is carried out to ensure that costs to maintain, operate, and replace infrastructure assets can be met over the long-term? (Example: We have a plan that outlines the anticipated costs of operations, maintenance and renewals over the next 10 years, and a long term financial plan that identifies secured and anticipated sources of funding over the next 10 years to levels that will enable these costs to be funded.)

82. How will the assets associated with the completed project be managed and maintained over their life?
83. How will ongoing operating and maintenance costs be funded?

84. How does the project design support reduced operation, maintenance and related costs over the lifecycle of the infrastructure? *Operating and maintenance costs can be reduced over the lifecycle of the infrastructure through appropriate design. (Example: use of quality materials that require less maintenance, potential for remote monitoring, etc.)

85. Where the infrastructure will serve an ongoing need for the community, what activities will be carried out to ensure that the funds to replace the asset at the end of its life will be available? (Example: set aside funds annually to allow for renewal, replacement or rehab in 20 yrs, funding through financial reserves, implementing user charges which include depreciation/replacement costs, etc.)

For-Profit

86. Does your organization have experience with owning and managing infrastructure?
   a. If yes, how do you keep track of the infrastructure assets you manage, including their condition and performance? (Example: We have a database of all of 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 completed a condition assessment of critical assets once a year and enter the results in the database.)
   b. If yes, what do you do to ensure that the service provided by infrastructure remains cost effective/cost efficient?
   c. If yes, describe long term planning activities that are currently used to manage infrastructure. (Example: This might include schedules or timelines that identify when items need to be replaced, maintenance plans/strategies, risk management plans, condition assessment plans that set out when inspections will occur, long term financial plans)
   d. If yes, what are your ongoing revenue sources and what planning is carried out to ensure that costs to maintain, operate, and replace infrastructure assets can be met over the long term? (Example: We have a plan that outlines the anticipated costs of operations, maintenance and renewals over the next 10 years, and a long term financial plan that identifies secured and anticipated sources of funding over the next 10 years to levels that will enable these costs to be funded.)

87. How will the assets associated with the completed project be managed and maintained over their life?

88. How will ongoing operating and maintenance costs be funded?

89. How does the project design support reduced operation, maintenance and related costs over the lifecycle of the infrastructure? *Operating and maintenance costs can be reduced over the lifecycle of the infrastructure through appropriate design. (Example: use of quality materials that require less maintenance, potential for remote monitoring, etc.)

90. Where the infrastructure will serve an ongoing need for the community, what activities will be carried out to ensure that the funds to replace the asset at the end of its life will be available? (Example: set aside funds annually to allow for renewal, replacement or rehab in 20 yrs,
funding through financial reserves, implementing user charges which include depreciation/replacement costs, etc.)

Section 8: Climate Change and Environmental Considerations

91. How is your project design considering potential impacts from climate change?
   (Example: changing weather patterns, changing water availability, increased risk of hazard events such as wildfire and large flood events).

92. Will the project achieve a reduction in greenhouse gas emissions? (Yes/No)
   a) If yes, briefly describe how the project will reduce greenhouse gas emissions.
   b) If yes, estimate how much of a reduction in greenhouse gas emissions will be achieved (in tonnes CO2 equivalent per year).

93. Was the consumption of natural resources considered for this project during planning, design and construction? (Example: reduced energy usage, reduction in or use of local materials, water conservation, or emissions production.) (Yes/No)
   a) If yes, please describe.
Outcome Specific Questions

Depending upon the federal Outcome selected in Question 5, 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 improve food security
Outcome 2: The project will improve or increase reliability of road, air and/or marine infrastructure
Outcome 3: The project will improve broadband connectivity
Outcome 4: The project create more efficient and/or reliable energy
Outcome 5: The project will improve education and/or health facilities (specific to the Truth and Reconciliation Commission’s Calls to Action)
Outcome 6: The project will improve access to and/or increased quality of Cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations
Outcome 7: The project will increase the capacity to treat and/or manage wastewater
Outcome 8: The project will increase the capacity to treat and/or manage stormwater
Outcome 9: The project will increase access to potable water
Outcome 10: The project will increase capacity to reduce and/or remediate air pollutants (through solid waste diversion)
Outcome 11: The Project will increase capacity to reduce and/or remediate soil pollutants
Outcome 12: The Project will increase structural capacity and/or increase natural capacity to adapt to climate change impacts, natural disasters and/or extreme weather events
Outcome 13: The Project will improve capacity of public transit infrastructure
Outcome 14: The Project will improve quality and/or safety of existing or future transit systems
Outcome 15: The Project will improve access to a public transit system

Outcome 1: The project will improve food security

Projects eligible under the Rural and Northern Communities Program are public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome of food security projects is to help communities create improvements towards a condition in which all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food that meets their dietary needs and food preferences for an active and healthy life. Please keep this desired Outcome in mind when answering the questions in this section.

Program Targets & Community Benefits

1. How was the need for the project in the community identified? (Example: A food security assessment was completed for the community and found that there is a lack of fresh fruits and vegetables available to the community year round)
2. Please describe the existing food security issues in the community.
3. Who is the intended target user group for this project?
4. What type of project will be completed? (Example: transportation, storage) Please expand upon the information you included under the Brief Project Description.

5. How will the increase in food security assets be measured (if measurable)? (Example 1: The food storage facility will increase its freezer space from 200 square feet to 400 square feet). (Example 2: The project will increase food access for the community by making improvements to 1km of road by improving road access.)

6. Are there existing food security programs/projects in the community?
   a) If yes, how does the program relate to this project?

7. How will the project benefit overall community health and wellness?

8. How does the project create improvements towards an improved supply of food?

Please fill out the table below for Federal reporting

Include only assets that will be receiving investment

<table>
<thead>
<tr>
<th>Type and quantity</th>
<th>Type (please check)</th>
<th>Quantity</th>
<th>Physical Condition before investment (very poor) to (very good)</th>
<th>Physical Condition after investment (very poor) to (very good)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transportation Assets (e.g. road, air)</td>
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<tr>
<td>Storage Assets (e.g. warehouse)</td>
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<tr>
<td>Production assets (e.g. Greenhouses, aquaculture or aquaponics)</td>
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<tr>
<td>Food preparation and processing assets (e.g. community kitchen)</td>
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<tr>
<td>Other Examples: Distribution Assets, (e.g. permanent market structure, centre for community meal program)</td>
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</tbody>
</table>
Outcome 2: The project will improve/increase reliability of road, air and marine infrastructure

Projects eligible under the Rural and Northern Communities Program are public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome is to increase the access to rural and northern communities through improvements or expansion of road, air and marine infrastructure. Please keep the desired Outcome in mind when answering the questions in this section.

Program Targets & Benefits
1. What form of transportation will the improvements target? (Example: Road, air, or water)
2. Is there year round access to the community?
   a. If no, describe why access is not year round or how year round access is currently restricted.
   b. If no, how many more days of access per year will the community gain by the completing the project?
3. Describe the existing issues around transportation and access in the community.
4. How does the project improve the transportation and make access more reliable for the community?
5. What is the anticipated number of disruptions in service reduced after the completion of the project in a calendar year? (road closed 10 times a year, now 5) (if applicable)
6. How many kilometres of new access (marine/roads) will be created?
7. Will the infrastructure reduce travel times?
   a. If Yes, estimate the reduction in travel time.
8. Will the project increase public or worker safety?
   a. If yes, please describe
9. For air related assets, will the project improve flight times, increase frequency in flights or increase the size of plane able to use the facility?
10. How will increased access benefit the community? (Example: access for medical/emergency vehicles, ability for community members to work in neighbouring communities, etc.)
    Please fill out the table below for Federal reporting

Include only assets that will be receiving investment:
### Indicators

<table>
<thead>
<tr>
<th>Type and quantity</th>
<th>Quantity/Length</th>
<th>Physical Condition before investment (very poor) to (very good)</th>
<th>Physical Condition after investment (very poor) to (very good)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road (quantity)</td>
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<tr>
<td>Road (length in km)</td>
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<tr>
<td>Marine</td>
<td></td>
<td></td>
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<tr>
<td>Air</td>
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</table>

### Outcome 3: The project will improve broadband connectivity

Projects eligible under the Rural and Northern Communities Program are public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome of the broadband connectivity stream is to increase the number of households that have access to the highest broadband range in their jurisdiction. Transmission or last mile projects are eligible within the stream. Please keep the desired Outcome in mind when answering the questions in this section.

**Program Targets & Benefits**

1. Will the project focus on transmission or last mile? (Yes/No)
2. What internet speed you currently have in the community?
3. Is the project serving an area that previously didn’t have broadband service/increasing the population served by an existing service?
   a. If Yes, what is the population/number of residences that will gain broadband connectivity when the project is completed?
4. Will the completed project produce an increase the connectivity speed within the community?
   a. If yes, what is the new speed of the service?
   b. If no, how will the project increase the internet service to the community?

Please fill out the table below for Federal reporting
Include only assets that will be receiving investment.

<table>
<thead>
<tr>
<th>Indicators</th>
<th>Before investment</th>
<th>After Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of households that have access to the highest broadband speed range in their jurisdiction</td>
<td>(very poor) to (very good)</td>
<td>(very poor) to (very good)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project type (Select all that apply)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet backbone connecting broadband to a community</td>
<td></td>
</tr>
<tr>
<td>Last mile connecting the broadband backbone to individual households</td>
<td></td>
</tr>
</tbody>
</table>

### Outcome 4: The project will create more efficient and/or reliable energy

Projects eligible under the Rural and Northern Communities Program must be public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient, Not-For-Profit or For-Profit entity. The desired outcome of the stream is to increase the efficiency of electricity that is generated by a community, as well as creating energy through cleaner alternative methods. Examples include replacing diesel generated power with alternative energy sources including but not limited to solar power, wind power and biofuel.

#### Program Targets & Benefits

1. Does the community have an energy *demand management plan or a Community Energy Plan**?
   * For the purpose of this question, demand management will be defined as reducing consumer’s demand for electricity by providing incentives, education, etc

2. Is the community served by the project part of the Continental power grid?
   a. If no, please describe what type of fuel is used for energy production.
   b. If no, does the project increase the efficiency of electricity being generated in an existing system? (Project should increase the kilowatts of electricity produced per litre of fuel used.) (Yes /No)
      i. If yes, what is the estimated amount of improvement in kilowatts/litre of fuel used?
      ii. If no, does the project use an alternative source of energy production and what type of energy production does it replace? Eg A diesel generated power plant will be replaced by a solar array
3. Does the project increase the ability to store or deliver energy?
   a. If yes, describe how.
4. Will the project reduce the number of power outages (any interruption lasting more than 5 min.)? Include estimated reductions in Outages/yr and decrease in duration of the outages.
5. Total amount of annual energy savings expected as a result of the project (to be reported in megawatts savings) unit that could be used?
6. What type of reduction will the project target? Drop down of (GHG, consumption of resources, capital expenditures, reduced operation costs, or environmental enhancement)

Please fill out the table below for Federal reporting
Include only assets that will be receiving investment.

<table>
<thead>
<tr>
<th>Efficiency of electricity generated (kilowatts/litre of fuel)</th>
<th>Before Investment</th>
<th>Anticipated After Investment</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type and quantity of clean energy infrastructure</th>
<th>Solar</th>
<th>Wind</th>
<th>Ocean</th>
<th>Hydropower</th>
<th>Biomass</th>
<th>Geothermal</th>
<th>Biofuels</th>
<th>Hydrogen derived from renewable resources</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Indicate MWs for each applicable energy source)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Overall physical condition of the asset(s)</th>
<th>Before investment</th>
<th>After Investment</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Solar</th>
<th>Wind</th>
<th>Ocean</th>
<th>Hydropower</th>
<th>Biomass</th>
<th>Geothermal</th>
<th>Biofuels</th>
<th>Hydrogen derived from renewable resources</th>
<th>Other</th>
</tr>
</thead>
<tbody>
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</table>
Outcome 5: The project will improve education and/or health facilities (specific to the Truth and Reconciliation Commission’s Calls to Action)

Projects eligible under the Rural and Northern Communities Program must support public infrastructure (capital assets for public use/and or benefit) owned by an Indigenous Ultimate Recipient or Local Government. The desired outcome of the category is to improve the education and/or health facilities to benefit Indigenous Peoples by advancing the Truth and Reconciliation Commission’s Call to Action.

Program Targets & Benefits

1. What type of facility will be built or renovated?
   a) Health
      i. What type of health care will be targeted
   b) Education
      i. What type of education will be targeted

2. Please describe the existing community needs.

3. How will the project help with the identified need?

4. How will the project support the Indigenous Community and advance the Truth and Reconciliation Commission’s Call to Action?

5. Does this project provide new capacity or increase the quality of existing facilities in the community?

Please fill out the table below for Federal reporting

Include only assets that will be receiving investment.

<table>
<thead>
<tr>
<th>Project type</th>
<th>Health Facility</th>
<th>Education Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Indicate the quantity for each asset type that applies)</td>
<td>Before investment (very poor) to (very good)</td>
<td>After Investment (very poor) to (very good)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Overall physical condition of the asset(s)</th>
<th>Before investment (very poor) to (very good)</th>
<th>After Investment (very poor) to (very good)</th>
</tr>
</thead>
</table>
Community, Culture and Recreation Outcomes

Projects eligible under the Rural and Northern Communities Program must support public infrastructure (capital assets for public use/and or benefit) owned by an Indigenous Ultimate Recipient, Local Government or Not-For-Profit organization. The desired outcome of the category is to improve access to and/or increased quality of cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations.

Outcome 6: The project will improve access to and/or increased quality of cultural, recreational and/or community infrastructure for Canadians, including Indigenous peoples and vulnerable populations

Federal Risks Community Culture and Recreation Specific Criteria

1. What was the total number of visits to the Community, Culture, or Recreation facility that is the subject of this application? (number per week – number per year) * 0 visits would indicate facility did not previously exist.
2. Does this project provide benefit to an official language minority community (OLMC)? This is in a community whose maternal or chosen official language is not the majority language in the province? (Y/N)
   a) If yes, what is the anticipated level of participation (% of total use)
3. Does this project provide benefit to Indigenous Peoples? (Y/N)
   a) If yes, what is the anticipated level of participation on-reserve (% of total use)
   b) If yes, what is the anticipated level of participation off-reserve (% of total use)
4. Does this project provide benefit to vulnerable populations? (Y/N)
   a) If yes, what is the anticipated level of participation (% of total use)
5. Will this project result in an increased energy efficient building?
   a) If yes, what is the total energy consumed in one year/total floor space of building? (GJ/m2)
   b) Is a certification being achieved?
   c) If yes, what certification will be achieved?
6. Were gender issues taken into consideration during the design and/or construction phases? (Y/N)
7. Does the public facing built asset incorporate universal design? (Y/N)
8. The project is community-oriented, non-commercial in nature and open for use to the public. (Y/N)
9. This project includes dedicated spaces for tourism infrastructure; provincial or municipal services; for-profit uses; daycare facilities; places of assembly for religious purposes; healthcare facilities or education facilities. (Y/N)
10. The project is for semi-professional or professional sports teams. (Y/N)
11. This project includes dedicated spacing for housing; early learning and childcare facilities, highways and trade corridor infrastructure, resource development infrastructure, healthcare facilities or education facilities. (Y/N)
12. The project advances reconciliation with Indigenous communities. (Y/N)
Community: The project will improve access to or increase the quality of a community space

Program Targets & Community Benefits

13. What steps were completed to identify the need for the project in the community? Ex. An assessment was completed for the community and found that there is a lack of service available to the community.
14. How does this project improve quality of life in your community?
15. Who is the intended target user group for this project?
16. Will there be a cost to access the new infrastructure
   a) If yes, how much? $xx
17. Does this project provide new capacity or increase quality of existing community, culture, recreation project? Describe how.
18. How does this project improve community attractiveness to attract and retain residents/business?
19. What other benefits does this project have for your community?

Please fill out the table below for Federal reporting
Include only assets that will be receiving investment

<table>
<thead>
<tr>
<th>Type and quantity</th>
<th>Type (please check)</th>
<th>Quantity (Size in sq ft)</th>
<th>Physical Condition before investment 1 (very poor) to 5 (very good)</th>
<th>Physical Condition after investment 1 (very poor) to 5 (very good)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Centre</td>
<td></td>
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<tr>
<td>Presentation space</td>
<td></td>
<td></td>
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<tr>
<td>Community facility</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
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Culture: The project will improve access to or increase the quality of a cultural space

Program Targets & Community Benefits

20. What steps were completed to identify the need for the project in the community? Ex. An assessment was completed for the community and found that there is a lack of service available to the community.
21. How does this project improve quality of life in your community?
22. Who is the intended target user group for this project?
23. Will there be a cost to access the new infrastructure
   a) If yes, how much? $xx
24. Does this project provide new capacity or increase quality of existing community, culture, recreation project?
25. How does this project improve community attractiveness to attract and retain residents/business?
26. What other benefits does this project have for your community?
27. Does this project preserve views and local character
28. Does this project contribute to preserving historic and cultural character

Please fill out the table below for Federal reporting
Include only assets that will be receiving investment

<table>
<thead>
<tr>
<th>Culture</th>
<th>Type (please check)</th>
<th>Quantity (Size in sq ft)</th>
<th>Physical Condition before investment 1 (very poor) to 5(very good)</th>
<th>Physical Condition after investment 1 (very poor) to 5(very good)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type and quantity</td>
<td>Gallery</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Museums</td>
<td></td>
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<td></td>
<td>Library</td>
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<td></td>
<td>Performance space</td>
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<td>Other</td>
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Recreation: The project will improve access to or increase the quality of recreation infrastructure

Program Targets & Community Benefits

29. What steps were completed to identify the need for the project in the community? Ex. An assessment was completed for the community and found that there is a lack of service available to the community.
30. How does this project improve quality of life in your community?
31. Who is the intended target user group for this project?
32. Will there be a cost to access the new infrastructure?

   a) If yes how much? $xx
33. Does this project provide new capacity or increase quality of existing community, culture, recreation project?
34. How does this project improve community attractiveness to attract and retain residents/business?
35. What other benefits does this project have for your community?
36. Will the project improve community mobility? (improved walking or biking)

Please fill out the table below for Federal reporting

Include only assets that will be receiving investment

<table>
<thead>
<tr>
<th>Recreation</th>
<th>Type (please check)</th>
<th>Quantity (Size in sq ft or km's)</th>
<th>Physical Condition before investment 1 (very poor) to 5 (very good)</th>
<th>Physical Condition after investment 1 (very poor) to 5 (very good)</th>
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</thead>
<tbody>
<tr>
<td>Type and quantity</td>
<td>Skate park</td>
<td></td>
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<tr>
<td></td>
<td>Curling Rink</td>
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<td></td>
<td>Stadiums</td>
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<tr>
<td></td>
<td>Recreational Trails</td>
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<td>Other</td>
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**Environmental Quality Outcomes**

**Outcome 7: The project will increase the capacity to treat and/or manage wastewater**

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes are public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The desired 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 or wastewater treatment may be made available to more people. Please keep the desired Outcome in mind when answering the questions in this section.

1. **Does the project affect a wastewater system and/or facility that does not currently achieve the national effluent quality standards?** (Typically, such a system and/or facility is affected by a Transitional Authorization (TA) issued under the federal Wastewater Systems Effluent Regulations (WSER.)) (Yes/No)

   If Yes,

   a) What is the current risk level of the facility that is part of this project? (As defined by federal regulations as Low, Medium, or High risk.)

   b) Will the project result in the wastewater system achieving compliance with federal effluent regulations? (Yes/No)
i. if Yes, Include details on how the project addresses compliance.
ii. if No, Include details on why the project does not address compliance.

*Wastewater Projects must result in wastewater effluent that meets the Wastewater Systems Effluent Regulations, or provincial regulations where there is a federal equivalency agreement in place.

2. What provincial regulation(s) and/or authority regulates the wastewater system of which the project forms a part? And, how does this project affect the authorization? Please describe and include ministry responsible. *(Example: registration under provincial Municipal Wastewater Regulation, authorization under Liquid Waste Management Plan; other provincial authorization; etc.)*

*(Example: 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 which will then be registered under the provincial Municipal Wastewater Regulation.)*

3. How does the project meet the goal of reducing pollutants introduced to the environment and increase the capacity to treat or manage wastewater? *(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 soils poor such that local groundwater quality is threatened.)*

Managing Demand

4. Identify the demand/flow utilized for planning and design of the project and project components, including each of the following:
   a) Design flow (e.g. L/s, M³/d, etc.) upon which the size of the infrastructure is based, including how future growth/capacity is incorporated;
   b) How the demand/flow is measured/estimated; and,
   c) A per-capita flow equivalent for the population of the area serviced.

*(Example:*

- For design of the forcemain and pump station, an average daily flow of 200 m³/d was used with a peak factor of 2.5.
- The flow is metered at key points in the system and this identifies contributions from each neighbourhood. A map showing meter locations is attached and the project is a forcemain and pump stations between locations A and B as shown.
- The design flow incorporates 20% above the maximum flow measured at point A to accommodate future growth as predicted for a 50-year service life.

)
5. How are the flows in the wastewater system being influenced or managed to make the infrastructure cost effective and suitable for the full duration of its useful life?
   (Example: Reduced per-capita water use will continue as it has over the last five years since the installation of residential metering with the increasing rate structure, as promoted through our Water Conservation Plan, and this reduced use will provide additional capacity for future growth. The CSO reduction plan is gradually constructing storm sewers to separate the systems, and will be completed in 2020 thereby removing rainwater from the sewer system and reducing the treatment capacity required thus delaying the need for future plant expansion.)

Environmental Benefits

6. How is the management of wastewater integrated with other services in the community (integration with services like drinking water, stormwater, solid waste, roads, etc.)?
   (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) which reduces the amount of wastewater that needs to be managed.)

7. How is the recovery and reuse of resources (the capture and reuse of materials that would otherwise be wasted) included in the project? Include the estimated quantity recovered/reused.
   (Example: The treatment plant upgrade that is the project includes recovery of struvite (nitrogen and phosphorous.) About 250 metric tons per year of struvite is being recovered and sold as fertilizer. Upstream of struvite recovery, a purple-pipe from the treatment plant to the nearby park irrigation system (which is part of the project) will convey 500 L/s of treated effluent from the wastewater treatment plant for reuse for park irrigation.)

8. Describe how the following are applied through the project:
   a) The reduction of natural resources, and the estimated quantity reduced.
   b) The use of natural assets utilized to deliver a service normally provided by built infrastructure.
   c) Protection, enhancement or restoration of the natural environment.

   (Example: The wastewater treatment plant outfall will release treated effluent to a wetland area to enhance the natural environment and replenish groundwater before overflow returns to the Rolling River.)
Outcome 8: The project will increase the capacity to treat and/or manage stormwater

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes 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? Include any local regulations or bylaws.
(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. How does the project meet the goal of reducing pollutants introduced to the environment and increase the capacity to treat or manage stormwater?
(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.)

Managing Demand/Capacity

3. Identify the estimated flow, or the amount of runoff, utilized for planning and design of the project and project components, including each of the following:
   a) How the demand/flow upon which the size of the infrastructure is based is measured/estimated to meet current conditions; and,
   b) How future growth/capacity is incorporated.
(Example: The amount of runoff was estimated using flow meters during heavy rainfall events (1/100 year event took place during monitoring) and a hydrologic model applied to the catchment area for the storm sewer. A map showing the catchment area and project location is attached. Future growth to 2040 was included by mapping the area of development based on zoning maps and future building scenarios developed by the planning department and identified in the Townsville OCP. The hydrologic model was modified to account for the predicted impervious building areas and for increased intensity of storms based on climate change predictions. Based on this modelling, the required pipe size was increased from 600 mm to 900 mm diameter.)

4. How will the flows in the stormwater system be influenced or managed to make the infrastructure cost effective and suitable for the full duration of its useful life?
(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 born by the new areas rather than the town to offset operating and maintenance costs of the existing system.)
Environmental Benefits

5. How is the management of stormwater integrated with other services in the community or region (e.g. integration with services like drinking water, wastewater, solid waste, roads, etc.)?

(Example: 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.)

6. Describe how the following are applied through the project:
   a) The reduction of the use of natural resources, and the estimated quantity reduced.
   b) The use of natural assets to deliver a service normally provided by built infrastructure.
   c) Protection, enhancement or restoration of the natural environment.
   d) Recovery and reuse of resources.

Example: 1) 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.

2) A sediment pond will be constructed to capture runoff contaminants before storm water 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 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.
Outcome 9: The project will increase access to potable water

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes 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?
   a) If Yes, describe how it will meet or exceed the requirements.

<table>
<thead>
<tr>
<th>Stormwater Project Indicator Table</th>
<th>Before Investment</th>
<th>Anticipated After Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume of materials diverted in Litres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity to dispose of materials in Litres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indicate quantity or length as appropriate</td>
<td>Quantity / Length before investment</td>
<td>Physical Condition</td>
</tr>
<tr>
<td>Drainage pump stations</td>
<td></td>
<td>Select one: Very Poor, Poor, Fair, Good, Very Good, Do not Know</td>
</tr>
<tr>
<td>Management facilities: ponds and water wetlands</td>
<td></td>
<td>Select one: Very Poor, Poor, Fair, Good, Very Good, Do not Know</td>
</tr>
<tr>
<td>Management facilities: all other permitted end-of-pipe facilities</td>
<td></td>
<td>Select one: Very Poor, Poor, Fair, Good, Very Good, Do not Know</td>
</tr>
<tr>
<td>Linear stormwater features in meters</td>
<td></td>
<td>Select one: Very Poor, Poor, Fair, Good, Very Good, Do not Know</td>
</tr>
</tbody>
</table>
b) If No – Message: 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 (Example: 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.).

(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 a finished 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 more than 12 months?
   a) If Yes, will the project result in improvements that will result in the advisory being lifted?
   b) If no, explain the nature, dates and duration of any drinking water advisories that have recently affected the community and how the project will resolve the issues which resulted in the advisory.
   c) If Yes to 3, briefly explain the nature of the long-term drinking water advisory and how the project will resolve the issues which resulted in the advisory.
   (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.)

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.
   (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:
   a) Design flow and/or current water demand (e.g. L/s or m³/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].

Average annual per capita water demand at existing residences and maximum daily demand is used to determine expected use in the new area being serviced, as property sizes and uses are similar. Water demand is measured at existing residences using household water meters, and system flows are monitored at key points in the system using bulk meters. A map showing the service area and project location is attached.

The community’s future growth projections have been used to identify future demand. For design of the new water treatment facility, capacity was originally going to be based on demand 5% higher than the current demand to account for growth within the 50-year design life of the new assets. However, with integration of water conservation initiatives, design capacity was reduced to the current capacity, and future growth will be offset by per capita reductions in water use.)

6. 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 initiatives?

(Example: Water conservation initiatives including implementing an increasing rate structure based on use 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.)
Environmental Benefits

7. How is the management of drinking water integrated with other services in the community or region (e.g. integration with services like wastewater, stormwater, solid waste, roads, etc.)?
   (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.)

8. How is the drinking water supply (source) being protected and managed to ensure clean water is available for the future of the community?
   (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.)

9. Describe how the following are applied through the project:
   i. Reduced use of natural resources, and the estimated quantity reduced
   ii. Resource recovery and energy generation
   iii. Protection, enhancement or restoration of the natural environment
   iv. The use of natural assets utilized to deliver a service normally provided by built infrastructure

(Examples:
   a. Under the Water Conservation Plan, an increasing 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 saving of about 40 L/d/person in the town population of about 2000).
   b. 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.)
Outcome 10: The project will increase capacity to reduce and/or remediate air pollutants (through solid waste diversion)

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes must support public infrastructure (capital assets for public use/and or benefit) 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 in order to reduce air pollution and to create increased capacity to process the diverted materials within the solid waste stream.

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 or anaerobic digestion infrastructure. (Yes /No)
   a) If yes, 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. *
   b) What is the diverted amount in Kg/capita/year? **
   c) Describe the service area that was used to estimate the waste diversion amount.

<table>
<thead>
<tr>
<th>Drinking Water Project Indicator Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include only assets that will be receiving investment.</td>
</tr>
<tr>
<td><strong>Indicate quantity or length as appropriate</strong></td>
</tr>
<tr>
<td>Water treatment facilities</td>
</tr>
<tr>
<td>Reservoir</td>
</tr>
<tr>
<td>Pump stations</td>
</tr>
<tr>
<td>Local water pipes in meters</td>
</tr>
<tr>
<td>Transmission pipes in meters</td>
</tr>
</tbody>
</table>
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.

If no, 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.

<table>
<thead>
<tr>
<th>Solid Waste Diversion Indicators Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include only assets receiving investment. Use the Generally Accepted Principles for Calculating Municipal Solid Waste System flow.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume of materials diverted in Tonnes</th>
<th>Before Investment</th>
<th>Anticipated After Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number Box</td>
<td>Number Box</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacity to dispose of materials in Tonnes</th>
<th>Before Investment</th>
<th>Anticipated After Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number Box</td>
<td>Number Box</td>
<td></td>
</tr>
</tbody>
</table>

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.

(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 describing methods used to reduce the amount or the effects of pollutants.

Example: The project will reduce 10 tonnes (CO2e) of greenhouse gases annually, including methane and carbon dioxide that would otherwise be introduced into the atmosphere.

Managing Demand

4. What will be the effect of the project on landfill lifespan within the service area?

(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?

Environmental Benefits

6. How is the management of solid waste integrated with other services in the community? How will the project integrate with the other services?
(Example: The diverted organics will be mixed with biosolids from wastewater treatment, 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.

(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.)

8. Describe how the following are applied through the project:
   a. The recovery and reuse of resources (the capture and reuse of materials that would otherwise be wasted)
   b. The reduction of natural resources, and the estimated quantity reduced.
   c. The use of natural assets utilized to deliver a service normally provided by built infrastructure.
   d. Protection, enhancement or restoration of the natural environment.

(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.)
Outcome 11: The Project will increase capacity to reduce and/or remediate soil pollutants

Projects eligible under the Rural and Northern Communities Program, Environmental Quality outcomes must be public infrastructure (capital assets) 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. 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 pollutants (including restoration of brownfield sites)? (Yes/No)
   a) If yes, has a Phase II Environmental Site Assessment (ESA) found that this site was contaminated?
   
   **If no, Projects that answer No to the above are ineligible.**
   b) (If Yes to 1) Will the site be ready for intended use at project conclusion?

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)?

3. What is the size of the land parcel that will be remediated in the project?

4. Provide the geographic footprint of the lands which will be remediated (provide by GPS file, .kml format, according to instructions).

5. Does the project include naturally occurring assets or the use of engineered natural assets?
   a) If yes, federal indicators table will be displayed for entering info on assets (see end)

6. What regulation(s) or authority govern or manage the project and how does the project affect this governance? Include any local regulations or bylaws.

7. How does the project meet the goal to increase the capacity to reduce pollutants introduced to the environment or remediate soil pollutants? Include relevant details such as how much (many) toxins or toxicity (quantity) the project will reduce, and how the reduction is accomplished.

Managing Demand
8. How has the intended use of the site driven the design of the project / level of remediation required?

9. Does the remediation of the site selected for the project eliminate or reduce the need to develop natural areas (i.e. development of greenfield sites)? Explain how.

Environmental Benefits
10. What issues and levels of contamination were identified through the environmental site assessment and how have each been addressed in the project?

11. Describe how the following apply to, or have been applied through, the project:
   a. Protection, enhancement or restoration of the natural environment
b. The use of natural assets utilized to deliver a service normally provided by built infrastructure

c. Recovery and reuse of resources

d. Reduction of natural resources, and the estimated quantity reduced

12. What long term initiatives, policies, actions have been put in place to prevent land that is currently free from contamination from becoming contaminated?
<table>
<thead>
<tr>
<th>Indicators Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Include only assets receiving investment.</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Type of assets receiving investment, if applicable</td>
</tr>
<tr>
<td>Naturally occurring asset indicate overall physical condition</td>
</tr>
<tr>
<td>Aquifer</td>
</tr>
<tr>
<td>Wetland</td>
</tr>
<tr>
<td>Forest</td>
</tr>
<tr>
<td>Shoreline Vegetation</td>
</tr>
<tr>
<td>Other (describe)</td>
</tr>
<tr>
<td>Engineered Use of Natural Resources indicate overall physical condition</td>
</tr>
<tr>
<td>Green Roofs</td>
</tr>
<tr>
<td>Bioswales/Rain Gardens</td>
</tr>
<tr>
<td>Other (describe)</td>
</tr>
</tbody>
</table>
Outcome 12: The Project will increase structural capacity and/or increase natural capacity to adapt to climate change impacts, natural disasters and/or extreme weather events

Projects eligible under the Rural and Northern Communities Program, Resiliency, Adaptation and Disaster Mitigation outcomes will complete works on public infrastructure (capital assets) owned by a Local Government or an Indigenous Ultimate Recipient. The desired results of the Adaptation, Resilience and Disaster Mitigation outcomes submitted under the RNC program is to fund projects that will help rural communities prepare for the impacts of climate change and associated natural hazards/events/disaster that may result. The projects will help local populations prepare for or mitigate impacts of an event on the environment and communities. The outcome will also support projects that reduce contributions to climate change from human activities. Please keep this desired Outcome in mind when answering the questions in this section.

1. How was the need for the project identified? Example: A floodplain mapping project was completed and it was concluded that the existing dyke needed to be raised by 2 meters in order to protect the community from a potential flood during the spring freshet

2. What type of natural disaster/impact/event will the project improve resiliency against?

3. How susceptible is your community to the natural disaster/impact/event identified and have you completed a hazard, risk and vulnerability analysis (HRVA) or other risk assessment?
   a) What are the potential risks that are identified by the HRVA/risk assessment?

4. Explain how the project will increase resiliency during and after a natural disaster/event?

5. Will manmade structural assets be constructed, rehabilitated, or upgraded in order to adapt to climate change impacts, natural disasters and extreme weather events? (Yes/no)
   a) (If Yes, display Section I below.)

6. What type of manmade structural asset will be constructed, rehabilitated, or upgraded in order to adapt to climate change impacts, natural disasters and extreme weather events? Example construction/remediation of dykes, installation of fire proof materials on buildings and fire breaks.

7. Will natural assets be improved, rehabilitated, or created? (Yes/No)
   a) (If Yes, display Section II below.)

8. What type of natural asset will be improved, rehabilitated, or created? Example: aquifers, wetlands, forests, shoreline vegetation

9. Was the use of natural assets considered before considering a structural asset project? If yes, please explain your reasoning.

10. Will the project protect surrounding communities in addition to the community where the project is situated? Please describe the benefits provided. Example. There are downstream benefits after a flood prevention project was completed.
I. What type(s) of event/hazard will the project target to create increased structural capacity to adapt to climate change impacts, natural disasters and extreme weather events?

1. (select all that apply)

<table>
<thead>
<tr>
<th>Event/hazard</th>
<th>Storm surges</th>
<th>Drought</th>
<th>Hail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Higher tides</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sea level rise</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coastal erosion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salt water intrusion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heat waves or heat island effect</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wildland fires</td>
<td></td>
<td></td>
<td>Ice Storms</td>
</tr>
<tr>
<td>Increased frequency of freeze-thaw cycles</td>
<td></td>
<td></td>
<td>Increased snow loads</td>
</tr>
<tr>
<td>Increased rainfall</td>
<td></td>
<td></td>
<td>Permafrost degradation</td>
</tr>
<tr>
<td>Increased overland flooding</td>
<td></td>
<td></td>
<td>Wind storms</td>
</tr>
<tr>
<td>Increased wind speeds or tornadoes</td>
<td></td>
<td></td>
<td>Other (specify)</td>
</tr>
</tbody>
</table>

Where there is no existing asset (only new assets created), select N/A under “Before Investment” blank.

II. Identify the type and quantity of natural asset(s) that will be improved or created in order to increase natural capacity to adapt to climate change impacts, natural disasters and extreme weather events.

<table>
<thead>
<tr>
<th>Type and quantity of assets being worked on in the scope of the project</th>
<th>Aquifer</th>
<th>Wetland</th>
<th>Forest</th>
<th>Shoreline vegetation</th>
<th>Other (describe)</th>
</tr>
</thead>
</table>

Where there is no existing asset (only new assets created), select N/A under “Before Investment” blank.

<table>
<thead>
<tr>
<th>Overall physical condition of the natural asset(s)</th>
<th>Before investment</th>
<th>After Investment</th>
</tr>
</thead>
</table>

Where there is no existing asset (only new assets created), select N/A under “Before Investment” blank.
III. What type(s) of natural hazard/event/disaster will the project focus have as its focus? 

<table>
<thead>
<tr>
<th></th>
<th>Storm surges</th>
<th>Drought</th>
<th>Hail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Higher tides</td>
<td>Wildland fires</td>
<td>Ice Storms</td>
<td></td>
</tr>
<tr>
<td>Sea level rise</td>
<td>Increased frequency of freeze-thaw cycles</td>
<td>Increased snow loads</td>
<td></td>
</tr>
<tr>
<td>Coastal erosion</td>
<td>Increased rainfall</td>
<td>Permafrost degradation</td>
<td></td>
</tr>
<tr>
<td>Salt water intrusion</td>
<td>Increased overland flooding</td>
<td>Wind storms</td>
<td></td>
</tr>
<tr>
<td>Heat waves or heat island effect</td>
<td>Increased wind speeds or tornadoes</td>
<td>Other (specify)</td>
<td></td>
</tr>
</tbody>
</table>

IV. Will the project include the engineered use of natural resources? Example: Bioswales, Green Roofs

   If yes, please identify the type and quantity of assets improved or created.

<table>
<thead>
<tr>
<th>Type and quantity of assets receiving investment (Indicate quantity for all that apply)</th>
<th>Types of Engineered Use of Natural Resource</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Roofs</td>
<td></td>
</tr>
<tr>
<td>Bioswales/Rain gardens</td>
<td></td>
</tr>
<tr>
<td>Other (describe)</td>
<td></td>
</tr>
</tbody>
</table>

Where there is no existing asset (only new assets created), select N/A under "Before Investment" blank.

Outcome 13: The Project will improve capacity of public transit infrastructure
Projects eligible under the Rural and Northern Communities Program, Improved Capacity of Public Transit Infrastructure Outcome are for public infrastructure (capital assets) owned by a Local Government, an Indigenous Ultimate Recipient or Not-For-Profit organization. The projects will improve the capacity of public transit systems within the community and work towards increased use. Please keep this desired outcome in mind when answering the questions in this section.

1. Does the project align with a land-use or transportation plan or strategy, or is it consistent with approved plans of regional transportation bodies?
   a. If yes, please explain how it aligns.
   b. If no, Message - The project must align with a land-use or transportation plan or strategy, or be consistent with approved plans of regional transportation bodies. If it doesn’t align or isn’t consistent it is not eligible for funding.

2. What mode(s) of transportation will be included in the scope of the project? Bus, Train, Bike etc.

3. Explain how the project improves the capacity of the public transit infrastructure.

4. Will the project improve service times or the number of routes available to the community (or provide other measurable benefits to improve capacity)?
   a. If yes, please describe.

5. Describe the transportation challenges within the community and how the need was identified.
   a. Was a study such as a market assessment (or other needs assessment) conducted?
      i. If yes, please attach the document.

6. What are the final objectives of the completed project?
   a. How will the community benefit from the objectives described above?

7. Is the project innovative or will it utilize new technology? YES/NO
   a. If yes, please describe

8. Please fill the table below with the following information for all boxes that apply to the project: type of asset the project targets, the quantity and what is the physical condition before and anticipated condition after the project is completed?
<table>
<thead>
<tr>
<th>Rolling Stock</th>
<th>Quantity</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Streetcar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ferry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subway</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commuter railcar</td>
<td></td>
<td></td>
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<tr>
<td>Light railcar</td>
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<tr>
<td>Specialized Transit Services</td>
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<tr>
<td>Bus</td>
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<tr>
<td>Bus fuel type</td>
<td>Diesel / Bio-diesel / Electric / Natural Gas / Other (specify below)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Fixed Assets</th>
<th>Quantity</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passenger stations or terminals</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Transit shelter / Stop</td>
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<tr>
<td>Parking facility</td>
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<tr>
<td>Passenger drop-off</td>
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<tr>
<td>Maintenance and storage (eg. garage, railway shop, service facility)</td>
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<table>
<thead>
<tr>
<th>Proximity</th>
<th>Before investment</th>
<th>After investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of people living within 400m of the proposed transit service * (\text{applies to regular transit routes})</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of people living within 1000m of the proposed transit service * (\text{applies to rapid transit routes})</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transit Exclusive</th>
<th>Quantity</th>
<th>Length (km)</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadway</td>
<td></td>
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<tr>
<td>Tunnel</td>
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<td>Bridge</td>
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<td>Railway track</td>
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<td>Other/Shared (specify)</td>
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<tr>
<td>Other/Shared (specify)</td>
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</table>
**Outcome 14: The Project will improve quality and/or safety of existing or future transit systems**

Projects eligible under the Rural and Northern Program, Improved Quality and/or Safety of Existing or Future Transit System Outcome are for public infrastructure (capital assets) owned by a Local Government, an Indigenous Ultimate Recipient or Not-For-Profit entity. Please keep this desired outcome in mind when answering the questions in this section.

9. Does the project align with a land-use or transportation plan or strategy, or is it consistent with approved plans of regional transportation bodies?
   a. If yes, please explain how it aligns.
b. If no, Message - The project must align with a land-use or transportation plan or strategy, or be consistent with approved plans of regional transportation bodies. If it doesn't align or isn't consistent it is not eligible for funding.

10. What mode(s) of public transportation will be included in the scope of the project? Bus, Train, Bike etc.

11. Explain how the project improves the quality and/or safety of future transit systems?

12. How will the improvements be measured (either quality or safety improvements)?

13. Describe the transportation challenges in reference to safety/ quality of service within the community and how the need was identified?
   a. Was a study such as a market assessment (or other needs assessment) conducted?
      i. If yes, please attach the document

14. How will the project improve the quality and/or safety of an existing service?

15. What are the final objectives of the completed project?
   b. How will the community benefit from the objectives described above?

16. Is the project innovative or will it utilize new technology? YES/NO

   a. If yes, please describe

17. Please fill the table below with the following information for all boxes that apply to the project: type of asset the project targets, the quantity and what is the physical condition before and anticipated condition after the project is completed?

<table>
<thead>
<tr>
<th>Rolling Stock</th>
<th>Quantity</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Streetcar</td>
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<tr>
<td>Ferry</td>
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<td>Subway</td>
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<td>Commuter railcar</td>
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<td>Light railcar</td>
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<tr>
<td>Specialized Transit Services</td>
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</tr>
</tbody>
</table>
### Bus

<table>
<thead>
<tr>
<th>Bus fuel type</th>
<th>Quantity</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
</table>

### Fixed Assets

<table>
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<tr>
<th>Asset Type</th>
<th>Quantity</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Transit shelter / Stop</td>
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<tr>
<td>Maintenance and storage (eg. garage, railway shop, service facility)</td>
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### Proximity

<table>
<thead>
<tr>
<th>Proximity Type</th>
<th>Quantity</th>
<th>Length (km)</th>
<th>Physical Condition before investment</th>
<th>Physical Condition after investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of people living within 400m of the proposed transit service (applies to regular transit routes)</td>
<td></td>
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<tr>
<td>Number of people living within 1000m of the proposed transit service (applies to rapid transit routes)</td>
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</table>

### Transit Exclusive

<table>
<thead>
<tr>
<th>Transit Exclusive Type</th>
<th>Quantity</th>
<th>Length (km)</th>
<th>Physical Condition before investment</th>
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<tr>
<td>Roadway</td>
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<tr>
<td>Other/Shared (specify)</td>
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### Active Transportation

<table>
<thead>
<tr>
<th>Active Transportation Type</th>
<th>Quantity</th>
<th>Length (km)</th>
<th>Physical Condition before investment</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Bike/Pedestrian lane; sidewalk</td>
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<td></td>
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<tr>
<td>Footpath; recreational trail</td>
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</table>
Outcome 15: The project will improve access to a public transit system

Projects eligible under the Rural and Northern Communities Program, Improved Access to a Public Transit System Outcome are for public infrastructure (capital assets) owned by a Local Government, Indigenous Ultimate Recipient or Not-For-Profit entity. The projects will improve the access of public transit systems in the community and work towards increased use. Please keep this desired Outcome in mind when answering the questions in this section.

18. Does the project align with a land-use or transportation plan or strategy, or is it consistent with approved plans of regional transportation bodies?
   c. If yes, please explain how it aligns.
   d. If no, Message - The project must align with a land-use or transportation plan or strategy, or be consistent with approved plans of regional transportation bodies. If it doesn’t align or isn’t consistent it is not eligible for funding.

19. What mode(s) of public transportation will be included in the scope of the project? Bus, Train, Bike etc.

20. Explain how the project improves the access to transit systems for the community?

21. Describe the transportation challenges within the community.

22. How the need was identified?
   a. Was a study such as a market assessment (or other needs assessment) conducted?
i. If yes, please attach the document

23. What are the final objectives of the completed project?
   a. How will the community benefit from the objectives described above?

24. Is the project innovative or will it utilize new technology? YES/NO
   e. If yes, please describe

25. Please fill the table below with the following information for all boxes that apply to the project:
   type of asset the project targets, the quantity and what is the physical condition before and
   anticipated condition after the project is completed?

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</tr>
<tr>
<td>Proximity</td>
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<td>Other <em>(specify)</em></td>
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**Type of Safety Related Improvement *(select all that apply)*

<table>
<thead>
<tr>
<th>Video surveillance</th>
<th>Cloud intelligence sharing / Information management infrastructure</th>
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</thead>
<tbody>
<tr>
<td>Driver safety</td>
<td>Video screens and PA systems for passenger announcements</td>
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<tr>
<td>Security support vehicles</td>
<td>Barriers</td>
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<tr>
<td>Passenger alarm systems</td>
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<tr>
<td>Type of ITS improvement (<em>select all that apply</em>)</td>
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<td>Fare systems</td>
<td>Dispatching technologies</td>
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<td>Security enhancements</td>
<td>Maintenance information collection system</td>
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<td>Internet of Everything technology</td>
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<td>Accessibility improvements</td>
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<tr>
<td>Data collection tools</td>
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