

**Canada's Core Public
Infrastructure Survey, 2016
First Nations**

CONFIDENTIAL once completed.

Si vous préférez recevoir ce document en français, veuillez nous appeler au numéro sans frais suivant : 1-866-445-4323.

Please verify the business or organization name, contact person and address for this questionnaire and correct where needed on page 2 of this questionnaire.

This information is collected under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19.

Completion of this questionnaire is a legal requirement under this act.

The purpose of this survey

Statistics Canada is undertaking this survey to provide useful statistical information on the stock, condition, performance and asset management strategies of Canada's core public infrastructure assets owned or leased by the various levels of government and Indigenous entities.

The information compiled by this survey will be used by analysts and policy-makers to better understand the current condition of Canada's core infrastructure. This will enable all levels of government to develop policies to support the efforts in improving Canada's core public infrastructure and help monitor and report progress on achievement of desired outcomes. Your information may also be used by Statistics Canada for other statistical and research purposes.

Confidentiality

Statistics Canada is prohibited by law from releasing any information it collects which could identify any person, business, or organization, unless consent has been given by the respondent or as permitted by the *Statistics Act*. Statistics Canada will use the information from this survey for statistical purposes.

Data-sharing agreements

Section 12 of the *Statistics Act* provides for the sharing of information with federal, provincial or territorial government organizations. To reduce respondent burden, Statistics Canada has entered into a data-sharing agreement with Infrastructure Canada, who has agreed to keep the data confidential and use them only for statistical purposes. Under **Section 12**, you may refuse to share your information by writing a letter of objection to the Chief Statistician and returning it with the completed questionnaire. Please specify if you do not want to share your data with Infrastructure Canada.

Record linkages

To enhance the data from this survey, Statistics Canada may combine it with information from other surveys or from administrative sources.

Further Information

If you require assistance regarding this survey, please contact your Statistics Canada Aboriginal Liaison Advisor indicated at the bottom of this questionnaire.

Statistics Canada advises you that there could be a risk of disclosure during facsimile or e-mail. However, upon receipt, Statistics Canada will provide the guaranteed level of protection afforded to all information collected under the authority of the *Statistics Act*.

Who should complete this questionnaire?

Canada's Core Public Infrastructure Survey for First Nations should be completed by the organization's asset manager, or the person responsible for the core infrastructures in the First Nation community.

Please return the questionnaire within 21 days.

Please mail the completed questionnaire in the enclosed envelope or fax it to Statistics Canada at 1-888-883-7999.

If you are unable to complete within 21 days **OR** if you need help, please call

Statistics Canada, Operations and Integration Division, 150 Tunney's Pasture Driveway, Ottawa, Ontario K1A 0T6

Visit our website, www.statcan.gc.ca



Reporting instructions

- Please print in ink.
- Please report for reference year 2016.
- **Report** dollar amounts in **Canadian dollars**.
- **Exclude** sales tax.
- Percentages should be rounded to whole numbers.
- When precise figures are not available, please provide your best estimates.

Business or organization and contact information

1. Please **provide** the business or organization's **legal and operating name**.

Legal name

Operating name (if applicable)

2. Please **provide the contact information** of the designated business or organization **contact person** for this questionnaire.

Note: The designated contact person is the person who should receive this questionnaire.
The designated contact person may not always be the one who actually completes the questionnaire.

First name

Last name

Title

Preferred language of communication

English

French

Mailing address (number and street)

City

Province, territory or state

Postal code or ZIP code

Example: A9A 9A9 or 12345-1234

Country

Email address

Example: user@example.gov.ca

Telephone number (including area code)

Example: 123-123-1234

Extension number

(if applicable)

Fax number (including area code)

Example: 123-123-1234

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Canada's core public infrastructure can vary within each First Nations community in Canada as a result of size of population, geographic location and overall economic condition. Canada's core public infrastructure survey will be measuring the following key components within the First Nations communities: asset ownership; asset management planning; overall condition of core public asset infrastructure and overall performance of these core public assets.

Organization refers to municipal, regional, provincial, federal government or Indigenous entities (such as a Band council) who own a core public infrastructure.

Own refers to assets owned by your organization as well as assets leased by your organization through a capital lease agreement.

Asset Management Planning

- 1. Does your organization have a documented asset management plan that incorporates multiple assets such as public transit; potable water; wastewater; storm water; solid waste; roads; bridges and tunnels; culture, recreation and sports; and social and affordable housing?**

An **Asset Management Plan** defines how a group of assets is to be managed over a period of time. The asset management plan describes the characteristics and condition of infrastructure assets, the levels of service expected from them, planned actions to ensure the assets are providing the expected level of service, and financing strategies to implement the planned actions.

COG10101

- 1 Yes
- 3 No → Please go to question 4

- 2. How often does your organization update this documented asset management plan?**

Mark one only.

COG11101

- 1 Every year
- 2 Every two to four years
- 3 Every five years or more
- 4 Does not update
- 5 Other – please specify:

COG11205

- 6 Do not know

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3. What assets are included in your organization's documented asset management plan?

Mark all that apply.

- COG12101 Public transit
- COG12102 Potable water
- COG12103 Storm water
- COG12104 Wastewater
- COG12105 Solid waste
- COG12106 Roads
- COG12107 Bridges and tunnels
- COG12108 Social and affordable housing
- COG12109 Culture, recreation and sports
- COG12110 Other – please specify:
COG12210
- COG12111 None of the above
- COG12112 Do not know

➔ Please go to question 5

4. When does your organization plan on implementing a documented asset management plan?

Mark one only.

- COG13101
- 1 In one year
- 2 In two to four years
- 3 In five years or more
- 4 Other – please specify:
COG13204
- 5 Do not plan to implement a documented asset management plan
- 6 Do not know

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5. What type of asset management information system does your organization use?

Mark all that apply.

- COG14101 Custom asset management software
- COG14102 Off-the-shelf asset management software
- COG14103 Spreadsheet
- COG14104 Paper records
- COG14105 Other – please specify:
COG14205
- COG14106 No asset management information system
- COG14107 Do not know

Asset Ownership

This section will measure the following key components within the First Nations communities: asset ownership; overall condition of core public asset infrastructure and overall performance of these core infrastructure assets.

Potable water assets

Potable water assets include the following:

Non-linear potable water system assets include: water treatment facilities; water reservoirs (including dams) before intake; storage tanks after intake not part of a treatment plant; and water pump stations owned by your organization or leased by your organization through a capital lease agreement. **Exclude** water treatment facility high or low lift pump stations.

Water treatment facilities include all water treatment facilities owned by your organization or leased by your organization through a capital lease agreement.

Reservoir: A pond, lake, or basin (natural or artificial) that stores, regulates, or controls water. Include the number of reservoirs and water towers within the distribution, transmission, or integrated system owned by your organization or leased by your organization through a capital lease agreement.

Pump stations include pump stations within the non-linear potable water system owned by your organization, as well as all pump stations leased by your organization through a capital lease agreement.

Linear potable water system assets (pipes) include: local water pipes (diameter less than 416 mm) and transmission pipes agreement. **Exclude** service connections, (diameter greater than or equal to 416 mm) owned by your organization or leased by your organization through a capital lease hydrant leads and standpipe leads.

Local water pipes include all connecting pipes, of diameter less than 416 mm, between pump stations, rechlorination facilities and storage facilities if these are located within the distribution system.

Transmission pipes include all connecting pipes, of diameter greater than or equal to 416 mm, between pump stations, rechlorination facilities and storage facilities when located between the source and the treatment plant or between the treatment plant and the distribution system.

6. In 2016, did your organization own and operate any non-linear potable water assets?

Non-linear potable water system assets include: water treatment facilities; water reservoirs (including dams) before intake; storage tanks after intake not part of a treatment plant; and water pump stations owned by your organization or leased by your organization through a capital lease agreement. **Exclude** water treatment facility high or low lift pump stations.

COA02101

1 Yes

3 No

7. In 2016, did your organization own and operate any linear potable water assets?

Linear potable water system assets (pipes) include: local water pipes (diameter less than 416 mm) and transmission pipes (diameter greater than or equal to 416 mm) owned by your organization or leased by your organization through a capital lease agreement. **Exclude** service connections, hydrant leads and standpipe leads.

COA02201

1 Yes

3 No

If you do not own any linear or non-linear potable water assets → Please go to question 18

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8. What was your organization's final inventory count/kilometres of potable water assets as of December 31, 2016?

Non-linear potable water system assets include: water treatment facilities; water reservoirs (including dams) before intake; storage tanks after intake not part of a treatment plant; and water pump stations owned by your organization or leased by your organization through a capital lease agreement.

Linear potable water system assets (pipes) include: local water pipes (diameter less than 416 mm) and transmission pipes agreement. **Exclude** service connections, (diameter greater than or equal to 416 mm) owned by your organization or leased by your organization through a capital lease hydrant leads and standpipe leads.

If you do not own or lease an asset listed below, please check **Does not apply**.

	Count	Does not apply
Non-linear potable water assets		
Water treatment facilities	C3B02101 ■ ■ ■ ■ ■ ■ ■ ■	C3B02201 ■
Water reservoirs (including dams) before intake	C3B02102 ■ ■ ■ ■ ■ ■ ■ ■	C3B02202 ■
Storage tanks after intake not part of a treatment plant	C3B02103 ■ ■ ■ ■ ■ ■ ■ ■	C3B02203 ■
Water pump stations	C3B02104 ■ ■ ■ ■ ■ ■ ■ ■	C3B02204 ■

	Total length in km	Does not apply
Linear potable water assets		
Local water pipes (diameter less than 416 mm)	C3B03101 ■ km	C3B03201 ■
Transmission pipes (diameter greater than or equal to 416 mm)	C3B03102 ■ km	C3B03202 ■
Pipes of unknown diameter	C3B03103 ■ km	C3B03203 ■

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9. As of December 31, 2016, indicate the count/kilometres distribution of your potable water assets inventory based on the year of completed construction.

Each selected asset for question 8 should have a count/kilometre distribution below.

	Year of completed construction						
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	Do not know
Count							
Non-linear potable water assets							
Water treatment facilities	C3C04101	C3C04201	C3C04301	C3C04401	C3C04501	C3C04601	C3C04701
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Water reservoirs (including dams) before intake	C3C04102	C3C04202	C3C04302	C3C04402	C3C04502	C3C04602	C3C04702
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Storage tanks after intake not part of a treatment plant	C3C04103	C3C04203	C3C04303	C3C04403	C3C04503	C3C04603	C3C04703
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Water pump stations	C3C04104	C3C04204	C3C04304	C3C04404	C3C04504	C3C04604	C3C04704
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Kilometres							
Linear potable water assets							
Local water pipes (diameter less than 416 mm)	C3C04105	C3C04205	C3C04305	C3C04405	C3C04505	C3C04605	C3C04705
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Transmission pipes (diameter greater than or equal to 416 mm)	C3C04106	C3C04206	C3C04306	C3C04406	C3C04506	C3C04606	C3C04706
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pipes of unknown diameter	C3C04107	C3C04207	C3C04307	C3C04407	C3C04507	C3C04607	C3C04707
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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10. What is the condition assessment cycle for your potable water assets?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

		Condition assessment cycle						
		1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know
Non-linear potable water assets								
Water treatment facilities	C3D05101	01	02	03	04	05	06	07
Water reservoirs (including dams) before intake	C3D05102	01	02	03	04	05	06	07
Storage tanks after intake not part of a treatment plant	C3D05103	01	02	03	04	05	06	07
Water pump stations	C3D05104	01	02	03	04	05	06	07
Linear potable water assets								
Local water pipes (diameter less than 416 mm)	C3D05105	01	02	03	04	05	06	07
Transmission pipes (diameter greater than or equal to 416 mm)	C3D05106	01	02	03	04	05	06	07
Pipes of unknown diameter	C3D05107	01	02	03	04	05	06	07

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11. Please indicate the assessment tool used to complete the physical condition assessment of your organization's potable water assets in 2016.

Check all that apply for each potable water asset owned or leased by your organization.
Each selected asset for question 8 should have a physical condition assessment below.

	1. Based on detailed inspection and analysis guidelines or procedures	2. Based on First Nations representative experience working with asset	3. Using proxy information such as age of material, soil environment and estimated service life	4. Do not know
Non-linear potable water assets				
Water treatment facilities	C3E06101 <input type="checkbox"/>	C3E06201 <input type="checkbox"/>	C3E06301 <input type="checkbox"/>	C3E06401 <input type="checkbox"/>
Water reservoirs (including dams) before intake	C3E06102 <input type="checkbox"/>	C3E06202 <input type="checkbox"/>	C3E06302 <input type="checkbox"/>	C3E06402 <input type="checkbox"/>
Storage tanks after intake not part of a treatment plant	C3E06103 <input type="checkbox"/>	C3E06203 <input type="checkbox"/>	C3E06303 <input type="checkbox"/>	C3E06403 <input type="checkbox"/>
Water pump stations	C3E06104 <input type="checkbox"/>	C3E06204 <input type="checkbox"/>	C3E06304 <input type="checkbox"/>	C3E06404 <input type="checkbox"/>
Linear potable water assets				
Local water pipes (diameter less than 416 mm)	C3E06105 <input type="checkbox"/>	C3E06205 <input type="checkbox"/>	C3E06305 <input type="checkbox"/>	C3E06405 <input type="checkbox"/>
Transmission pipes (diameter greater than or equal to 416 mm)	C3E06106 <input type="checkbox"/>	C3E06206 <input type="checkbox"/>	C3E06306 <input type="checkbox"/>	C3E06406 <input type="checkbox"/>
Pipes of unknown diameter	C3E06107 <input type="checkbox"/>	C3E06207 <input type="checkbox"/>	C3E06307 <input type="checkbox"/>	C3E06407 <input type="checkbox"/>

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**12. In 2016, what was the overall physical condition of your organization's potable water assets?
Please indicate the percentage distribution of your potable water assets by using the following condition rating scale.**

Very poor: The asset is unfit for sustained service. Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 8 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
	%						
Non-linear potable water assets							
Water treatment facilities	C3F07101 	C3F07201 	C3F07301 	C3F07401 	C3F07501 	C3F07601 	100%
Water reservoirs (including dams) before intake	C3F07102 	C3F07202 	C3F07302 	C3F07402 	C3F07502 	C3F07602 	100%
Storage tanks after intake not part of a treatment plant	C3F07103 	C3F07203 	C3F07303 	C3F07403 	C3F07503 	C3F07603 	100%
Water pump stations	C3F07104 	C3F07204 	C3F07304 	C3F07404 	C3F07504 	C3F07604 	100%
Linear potable water assets							
Local water pipes (diameter less than 416 mm)	C3F07105 	C3F07205 	C3F07305 	C3F07405 	C3F07505 	C3F07605 	100%
Transmission pipes (diameter greater than or equal to 416 mm)	C3F07106 	C3F07206 	C3F07306 	C3F07406 	C3F07506 	C3F07606 	100%
Pipes of unknown diameter	C3F07107 	C3F07207 	C3F07307 	C3F07407 	C3F07507 	C3F07607 	100%

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Assets value and expenses of potable water

13. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of potable water assets owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs.

Does not include land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of "good" within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs.

Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 8.

	2016		
	Estimated replacement value	Required renewal budget	Actual renewal budget
Thousands of dollars (000's)			
Non-linear potable water assets			
Water treatment facilities	C3H22101 \$ <input type="text"/> ,000	C3H22201 \$ <input type="text"/> ,000	C3H22301 \$ <input type="text"/> ,000
Water reservoirs (including dams) before intake	C3H22102 \$ <input type="text"/> ,000	C3H22202 \$ <input type="text"/> ,000	C3H22302 \$ <input type="text"/> ,000
Storage tanks after intake not part of a treatment plant	C3H22103 \$ <input type="text"/> ,000	C3H22203 \$ <input type="text"/> ,000	C3H22303 \$ <input type="text"/> ,000
Water pump stations	C3H22104 \$ <input type="text"/> ,000	C3H22204 \$ <input type="text"/> ,000	C3H22304 \$ <input type="text"/> ,000
Linear potable water assets			
Local water pipes (diameter less than 416 mm)	C3H22105 \$ <input type="text"/> ,000	C3H22205 \$ <input type="text"/> ,000	C3H22305 \$ <input type="text"/> ,000
Transmission pipes (diameter greater than or equal to 416 mm)	C3H22106 \$ <input type="text"/> ,000	C3H22206 \$ <input type="text"/> ,000	C3H22306 \$ <input type="text"/> ,000
Pipes of unknown diameter	C3H22107 \$ <input type="text"/> ,000	C3H22207 \$ <input type="text"/> ,000	C3H22307 \$ <input type="text"/> ,000

14. In 2016, what was the total value associated with new non-linear potable water assets and new linear potable water assets owned by your organization?

New non-linear potable water assets and linear potable water assets include the value of new construction, acquisition of assets, and the value of donated assets.

	2016
	Thousands of dollars (000's)
Non-linear potable water assets	C3H23101 \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ,000
Linear potable water assets	C3H23102 \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ,000

15. How many drinking water advisories did your organization issue in 2016?

Mark one only.

C3G12101

- 1 None → **Please go to question 18**
- 2 One
- 3 2 to 5
- 4 6 to 10
- 5 11 to 20
- 6 More than 20
- 7 Data not collected → **Please go to question 18**
- 8 Do not know → **Please go to question 18**

16. Out of these drinking water advisories, how many were precautionary in nature?

Precautionary assessment: An initial assessment, that is temporary in nature, indicating possible harmful effects for human health.

Mark one only.

C3G13101

- 1 None
- 2 One
- 3 2 to 5
- 4 6 to 10
- 5 11 to 20
- 6 More than 20
- 7 Data not collected
- 8 Do not know

17. Excluding precautionary drinking water advisories, how many exceeded 15 days?

Mark one only.

C3G14101

- 1 None
- 2 One
- 3 2 to 5
- 4 6 to 10
- 5 11 to 20
- 6 More than 20
- 7 Data not collected
- 8 Do not know

Wastewater assets

18. In 2016, did your organization own and operate any non-linear wastewater assets?

Non-linear wastewater assets include wastewater treatment plants, lagoon systems, wastewater pump stations and wastewater storage tanks owned by your organization or leased by your organization through a capital lease agreement.

C0A03101

- 1 Yes
- 3 No

19. In 2016, did your organization own and operate any linear wastewater assets?

Linear wastewater assets include sewer pipes and sanitary forcemains owned by your organization or leased by your organization through a capital lease agreement.

C0A03201

- 1 Yes
- 3 No

If you do not own any linear or non-linear wastewater assets → Please go to question 29

21. As of December 31, 2016, indicate the count/kilometre distribution of your wastewater assets inventory based on the year of completed construction?

Each selected asset for question 20 should have a count/kilometre distribution below.

	Year of completed construction						
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	Do not know
Count							
Non-linear wastewater assets							
Wastewater treatment plants (include sludge handling plants)	C8C04101	C8C04201	C8C04301	C8C04401	C8C04501	C8C04601	C8C04701
Lagoon systems	C8C04102	C8C04202	C8C04302	C8C04402	C8C04502	C8C04602	C8C04702
Wastewater pump stations	C8C04103	C8C04203	C8C04303	C8C04403	C8C04503	C8C04603	C8C04703
Wastewater lift stations	C8C04104	C8C04204	C8C04304	C8C04404	C8C04504	C8C04604	C8C04704
Wastewater storage tanks	C8C04105	C8C04205	C8C04305	C8C04405	C8C04505	C8C04605	C8C04705
Kilometres							
Linear wastewater assets							
Sewer pipes (diameter: <450mm)	C8C04106	C8C04206	C8C04306	C8C04406	C8C04506	C8C04606	C8C04706
Sewer pipes (diameter: ≥450mm to <1,500mm)	C8C04107	C8C04207	C8C04307	C8C04407	C8C04507	C8C04607	C8C04707
Sewer pipes (diameter: ≥1,500mm)	C8C04108	C8C04208	C8C04308	C8C04408	C8C04508	C8C04608	C8C04708
Sewer pipes (of unknown diameter)	C8C04109	C8C04209	C8C04309	C8C04409	C8C04509	C8C04609	C8C04709
Sanitary forcemains	C8C04110	C8C04210	C8C04310	C8C04410	C8C04510	C8C04610	C8C04710

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22. What is the condition assessment cycle for your wastewater assets?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

		Condition assessment cycle						
		1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know
Non-linear wastewater assets								
Wastewater treatment plants (include sludge handling plants)	C8D05101	01	02	03	04	05	06	07
Lagoon systems	C8D05102	01	02	03	04	05	06	07
Wastewater pump stations	C8D05103	01	02	03	04	05	06	07
Wastewater lift stations	C8D05104	01	02	03	04	05	06	07
Wastewater storage tanks	C8D05105	01	02	03	04	05	06	07
Linear wastewater assets								
Sewer pipes (diameter: <450mm)	C8D05106	01	02	03	04	05	06	07
Sewer pipes (diameter: ≥450mm to <1,500mm)	C8D05107	01	02	03	04	05	06	07
Sewer pipes (diameter: ≥1,500mm)	C8D05108	01	02	03	04	05	06	07
Sewer pipes (of unknown diameter)	C8D05109	01	02	03	04	05	06	07
Sanitary forcemains	C8D05110	01	02	03	04	05	06	07

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23. Please indicate the assessment tool used to complete the physical condition assessment of your organization's wastewater assets in 2016.

Mark all that apply for each wastewater asset owned or leased by your organization.

Each selected asset for question 20 should have a physical condition assessment below.

	1. Based on detailed inspection and analysis guidelines or procedures	2. Based on First Nations representative working experience with asset	3. Using proxy information such as age of material, soil environment and estimated service life	4. Do not know
Non-linear wastewater assets				
Wastewater treatment plants (include sludge handling plants)	C8E06101 <input type="checkbox"/>	C8E06201 <input type="checkbox"/>	C8E06301 <input type="checkbox"/>	C8E06401 <input type="checkbox"/>
Lagoon systems	C8E06102 <input type="checkbox"/>	C8E06202 <input type="checkbox"/>	C8E06302 <input type="checkbox"/>	C8E06402 <input type="checkbox"/>
Wastewater pump stations	C8E06103 <input type="checkbox"/>	C8E06203 <input type="checkbox"/>	C8E06303 <input type="checkbox"/>	C8E06403 <input type="checkbox"/>
Wastewater lift stations	C8E06104 <input type="checkbox"/>	C8E06204 <input type="checkbox"/>	C8E06304 <input type="checkbox"/>	C8E06404 <input type="checkbox"/>
Wastewater storage tanks	C8E06105 <input type="checkbox"/>	C8E06205 <input type="checkbox"/>	C8E06305 <input type="checkbox"/>	C8E06405 <input type="checkbox"/>
Linear wastewater assets				
Sewer pipes (diameter: <450mm)	C8E06106 <input type="checkbox"/>	C8E06206 <input type="checkbox"/>	C8E06306 <input type="checkbox"/>	C8E06406 <input type="checkbox"/>
Sewer pipes (diameter: ≥450mm to <1,500mm)	C8E06107 <input type="checkbox"/>	C8E06207 <input type="checkbox"/>	C8E06307 <input type="checkbox"/>	C8E06407 <input type="checkbox"/>
Sewer pipes (diameter: ≥1,500mm)	C8E06108 <input type="checkbox"/>	C8E06208 <input type="checkbox"/>	C8E06308 <input type="checkbox"/>	C8E06408 <input type="checkbox"/>
Sewer pipes (of unknown diameter)	C8E06109 <input type="checkbox"/>	C8E06209 <input type="checkbox"/>	C8E06309 <input type="checkbox"/>	C8E06409 <input type="checkbox"/>
Sanitary forcemains	C8E06110 <input type="checkbox"/>	C8E06210 <input type="checkbox"/>	C8E06310 <input type="checkbox"/>	C8E06410 <input type="checkbox"/>

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**24. In 2016, what was the overall physical condition of your organization's wastewater assets?
Please indicate the percentage distribution of your wastewater assets by using the following condition rating scale.**

Very poor: The asset is unfit for sustained service. Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 20 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
	%						
Non-linear wastewater assets							
Wastewater treatment plants (include sludge handling plants)	C8F07101	C8F07201	C8F07301	C8F07401	C8F07501	C8F07601	100%
Lagoon systems	C8F07102	C8F07202	C8F07302	C8F07402	C8F07502	C8F07602	100%
Wastewater pump stations	C8F07103	C8F07203	C8F07303	C8F07403	C8F07503	C8F07603	100%
Wastewater lift stations	C8F07104	C8F07204	C8F07304	C8F07404	C8F07504	C8F07604	100%
Wastewater storage tanks	C8F07105	C8F07205	C8F07305	C8F07405	C8F07505	C8F07605	100%
Linear wastewater assets							
Sewer pipes (diameter: <450mm)	C8F07106	C8F07206	C8F07306	C8F07406	C8F07506	C8F07606	100%
Sewer pipes (diameter: ≥450mm to <1,500mm)	C8F07107	C8F07207	C8F07307	C8F07407	C8F07507	C8F07607	100%
Sewer pipes (diameter: ≥1,500mm)	C8F07108	C8F07208	C8F07308	C8F07408	C8F07508	C8F07608	100%
Sewer pipes (of unknown diameter)	C8F07109	C8F07209	C8F07309	C8F07409	C8F07509	C8F07609	100%
Sanitary forcemains	C8F07110	C8F07210	C8F07310	C8F07410	C8F07510	C8F07610	100%

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Assets value and expenses of wastewater

25. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of wastewater assets owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs.

Does not include land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of "good" within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs.

Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 20.

	2016		
	Estimated replacement value	Required renewal budget	Actual renewal budget
Thousands of dollars (000's)			
Non-linear wastewater assets			
Wastewater treatment plants (include sludge handling plants)	CBH34101 \$ _____,000	CBH34201 \$ _____,000	CBH34301 \$ _____,000
Lagoon systems	CBH34102 \$ _____,000	CBH34202 \$ _____,000	CBH34302 \$ _____,000
Wastewater pump stations	CBH34103 \$ _____,000	CBH34203 \$ _____,000	CBH34303 \$ _____,000
Wastewater lift stations	CBH34104 \$ _____,000	CBH34204 \$ _____,000	CBH34304 \$ _____,000
Wastewater storage tanks	CBH34105 \$ _____,000	CBH34205 \$ _____,000	CBH34305 \$ _____,000
Linear wastewater assets			
Sewer pipes (diameter: <450mm)	CBH34106 \$ _____,000	CBH34206 \$ _____,000	CBH34306 \$ _____,000
Sewer pipes (diameter: ≥450mm to <1,500mm)	CBH34107 \$ _____,000	CBH34207 \$ _____,000	CBH34307 \$ _____,000
Sewer pipes (diameter: ≥1,500mm)	CBH34108 \$ _____,000	CBH34208 \$ _____,000	CBH34308 \$ _____,000
Sewer pipes (of unknown diameter)	CBH34109 \$ _____,000	CBH34209 \$ _____,000	CBH34309 \$ _____,000
Sanitary forcemains	CBH34110 \$ _____,000	CBH34210 \$ _____,000	CBH34310 \$ _____,000

26. In 2016, what was the total value associated with new non-linear wastewater assets and new linear wastewater assets owned by your organization?

New non-linear wastewater assets and linear wastewater assets include the value of new construction, acquisition of assets, and the value of donated assets.

	2016
	Thousands of dollars (000's)
Non-linear wastewater assets	C8H35101 \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ,000
Linear wastewater assets	C8H35102 \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ,000

27. Does your organization's wastewater system need to be upgraded to meet the effluent quality standards of the Federal Wastewater Systems Effluent Regulations?

C8G29101

1 Yes

3 No → Please go to question 29

9 Do not know → Please go to question 29

28. What is the estimated capital infrastructure cost to upgrade your organization's wastewater system to meet the effluent quality standards of the Federal Wastewater Systems Effluent Regulation?

Report in thousands of dollars

C8G30101

\$,000

C8G30102

Do not know

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Storm water assets

Storm water assets include the following:

Non-linear storm water assets include storm water drainage pump stations; storm water management facilities – storm water management ponds and storm water wetlands; and storm water management facilities – all other permitted, end-of-pipe facilities owned by your organization or leased by your organization through a capital lease agreement.

Storm water drainage pump stations include storm water drainage pump stations that are connected to drainage swales, ditches and storm sewers. **Exclude** combined pump stations which convey combined sewage/storm water to wastewater treatment plants.

Storm water management facilities – Storm water management ponds and storm water wetlands: includes engineered end-of-pipe facilities that have received a permit or approval to operate and which may provide peak flow control, runoff quality control, runoff control for downstream erosion, runoff volume control, etc. Includes dry ponds, wet ponds, and storm water wetlands etc.

Storm water management facilities – All other permitted end-of-pipe facilities includes engineered end-of-pipe facilities that have received a permit or approval to operate and which are not storm water ponds or wetlands (e.g. oil-grit separators, etc.).

Linear storm water assets include culverts less than 3 meters in diameter, open ditches, storm water pipes (diameter: < 450 mm), storm water pipes (diameter: ≥ 450 mm to < 1,500 mm), and storm water pipes (diameter: ≥ 1,500 mm) owned by your organization or leased by your organization through a capital lease agreement.

29. In 2016, did your organization own and operate any storm water assets?

Storm water assets include the following:

Non-linear storm water assets include storm water drainage pump stations; storm water management facilities – storm water management ponds and storm water wetlands; and storm water management facilities – all other permitted, end-of-pipe facilities owned by your organization or leased by your organization through a capital lease agreement.

Linear storm water assets include culverts less than 3 meters in diameter, open ditches, storm water pipes (diameter: < 450 mm), storm water pipes (diameter: ≥ 450 mm to < 1,500 mm), and storm water pipes (diameter: ≥ 1,500 mm) owned by your organization or leased by your organization through a capital lease agreement.

COA04101

1 Yes

3 No → Please go to question 39

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30. What was your organization's final inventory count/kilometres of storm water assets as of December 31, 2016?

	Count	Does not apply
Non-linear storm water assets		
Storm water drainage pump stations	C7B01101 [Progress bar]	C7B01201 [Progress bar]
Storm water management facilities – Storm water Management Ponds and Storm water Wetlands	C7B01102 [Progress bar]	C7B01202 [Progress bar]
Storm water management facilities – all other permitted, end-of-pipe facilities	C7B01103 [Progress bar]	C7B01203 [Progress bar]
Linear storm water assets		
	Total length in km	Does not apply
Culverts (diameter: < 3 m)	C7B02101 [Progress bar] km	C7B02201 [Progress bar]
Open ditches	C7B02102 [Progress bar] km	C7B02202 [Progress bar]
Storm water pipes (diameter: < 450 mm)	C7B02103 [Progress bar] km	C7B02203 [Progress bar]
Storm water pipes (diameter: ≥ 450 mm to < 1,500 mm)	C7B02104 [Progress bar] km	C7B02204 [Progress bar]
Storm water pipes (diameter: ≥ 1,500 mm)	C7B02105 [Progress bar] km	C7B02205 [Progress bar]
Storm water pipes (of unknown diameter)	C7B02106 [Progress bar] km	C7B02206 [Progress bar]

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31. As of December 31, 2016, indicate the count/kilometres distribution of your storm water assets inventory based on the year of completed construction.

Each selected asset for question 30 should have a count/kilometre distribution below.

	Year of completed construction						
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	Do not know
	Count						
Non-linear storm water assets							
Storm water drainage pump stations	C7C03101	C7C03201	C7C03301	C7C03401	C7C03501	C7C03601	C7C03701
Storm water management facilities – Storm water Management Ponds and Storm water Wetlands	C7C03102	C7C03202	C7C03302	C7C03402	C7C03502	C7C03602	C7C03702
Storm water management facilities – all other permitted, end-of-pipe facilities	C7C03103	C7C03203	C7C03303	C7C03403	C7C03503	C7C03603	C7C03703
	Kilometres						
Linear storm water assets							
Culverts (diameter: < 3 m)	C7C03104	C7C03204	C7C03304	C7C03404	C7C03504	C7C03604	C7C03704
Open ditches	C7C03105	C7C03205	C7C03305	C7C03405	C7C03505	C7C03605	C7C03705
Storm water pipes (diameter: < 450 mm)	C7C03106	C7C03206	C7C03306	C7C03406	C7C03506	C7C03606	C7C03706
Storm water pipes (diameter: ≥ 450 mm to < 1,500 mm)	C7C03107	C7C03207	C7C03307	C7C03407	C7C03507	C7C03607	C7C03707
Storm water pipes (diameter: ≥ 1,500 mm)	C7C03108	C7C03208	C7C03308	C7C03408	C7C03508	C7C03608	C7C03708
Storm water pipes (of unknown diameter)	C7C03109	C7C03209	C7C03309	C7C03409	C7C03509	C7C03609	C7C03709

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32. What is the condition assessment cycle for your storm water assets?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

		Condition assessment cycle						
		1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know
Non-linear storm water assets								
Storm water drainage pump stations	C7D04101	01	02	03	04	05	06	07
Storm water management facilities – Storm water Management Ponds and Storm water Wetlands	C7D04102	01	02	03	04	05	06	07
Storm water management facilities – all other permitted, end-of-pipe facilities	C7D04103	01	02	03	04	05	06	07
Linear storm water assets								
Culverts (diameter: < 3 m)	C7D04104	01	02	03	04	05	06	07
Open ditches	C7D04105	01	02	03	04	05	06	07
Storm water pipes (diameter: < 450 mm)	C7D04106	01	02	03	04	05	06	07
Storm water pipes (diameter: ≥ 450 mm to < 1,500 mm)	C7D04107	01	02	03	04	05	06	07
Storm water pipes (diameter: ≥ 1,500 mm)	C7D04108	01	02	03	04	05	06	07
Storm water pipes (of unknown diameter)	C7D04109	01	02	03	04	05	06	07

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33. Please indicate the assessment tool used to complete the physical condition assessment of your organization's storm water assets in 2016.

Check all that apply for each storm water asset owned or leased by your organization.
Each selected asset for question 30 should have a physical condition assessment below.

	1. Based on detailed inspection and analysis guidelines or procedures	2. Based on First Nations representative working experience with asset	3. Using proxy information such as age of material, soil environment and estimated service life	4. Do not know
Non-linear storm water assets				
Storm water drainage pump stations	C7E05101 <input type="checkbox"/>	C7E05201 <input type="checkbox"/>	C7E05301 <input type="checkbox"/>	C7E05401 <input type="checkbox"/>
Storm water management facilities – Storm water Management Ponds and Storm water Wetlands	C7E05102 <input type="checkbox"/>	C7E05202 <input type="checkbox"/>	C7E05302 <input type="checkbox"/>	C7E05402 <input type="checkbox"/>
Storm water management facilities – all other permitted, end-of-pipe facilities	C7E05103 <input type="checkbox"/>	C7E05203 <input type="checkbox"/>	C7E05303 <input type="checkbox"/>	C7E05403 <input type="checkbox"/>
Linear storm water assets				
Culverts (diameter: < 3 m)	C7E05104 <input type="checkbox"/>	C7E05204 <input type="checkbox"/>	C7E05304 <input type="checkbox"/>	C7E05404 <input type="checkbox"/>
Open ditches	C7E05105 <input type="checkbox"/>	C7E05205 <input type="checkbox"/>	C7E05305 <input type="checkbox"/>	C7E05405 <input type="checkbox"/>
Storm water pipes (diameter: < 450 mm)	C7E05106 <input type="checkbox"/>	C7E05206 <input type="checkbox"/>	C7E05306 <input type="checkbox"/>	C7E05406 <input type="checkbox"/>
Storm water pipes (diameter: ≥ 450 mm to < 1,500 mm)	C7E05107 <input type="checkbox"/>	C7E05207 <input type="checkbox"/>	C7E05307 <input type="checkbox"/>	C7E05407 <input type="checkbox"/>
Storm water pipes (diameter: ≥ 1,500 mm)	C7E05108 <input type="checkbox"/>	C7E05208 <input type="checkbox"/>	C7E05308 <input type="checkbox"/>	C7E05408 <input type="checkbox"/>
Storm water pipes (of unknown diameter)	C7E05109 <input type="checkbox"/>	C7E05209 <input type="checkbox"/>	C7E05309 <input type="checkbox"/>	C7E05409 <input type="checkbox"/>

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**34. In 2016, what was the overall physical condition of your organization's storm water assets?
Please indicate the percentage distribution of your storm water assets by using the following condition rating scale.**

Very poor: The asset is unfit for sustained service. Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 30 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
	%						
Non-linear storm water assets							
Storm water drainage pump stations	C7F06101	C7F06201	C7F06301	C7F06401	C7F06501	C7F06601	100%
Storm water management facilities – Storm water Management Ponds and Storm water Wetlands	C7F06102	C7F06202	C7F06302	C7F06402	C7F06502	C7F06602	100%
Storm water management facilities – all other permitted, end-of-pipe facilities	C7F06103	C7F06203	C7F06303	C7F06403	C7F06503	C7F06603	100%
Linear storm water assets							
Culverts (diameter: < 3 m)	C7F06104	C7F06204	C7F06304	C7F06404	C7F06504	C7F06604	100%
Open ditches	C7F06105	C7F06205	C7F06305	C7F06405	C7F06505	C7F06605	100%
Storm water pipes (diameter: < 450 mm)	C7F06106	C7F06206	C7F06306	C7F06406	C7F06506	C7F06606	100%
Storm water pipes (diameter: ≥ 450 mm to < 1,500 mm)	C7F06107	C7F06207	C7F06307	C7F06407	C7F06507	C7F06607	100%
Storm water pipes (diameter: ≥ 1,500 mm)	C7F06108	C7F06208	C7F06308	C7F06408	C7F06508	C7F06608	100%
Storm water pipes (of unknown diameter)	C7F06109	C7F06209	C7F06309	C7F06409	C7F06509	C7F06609	100%

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Assets value and expenses of storm water

35. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of storm water assets owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs.

Does not include land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of “good” within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs.

Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 30.

	2016		
	Estimated replacement value	Required renewal budget	Actual renewal budget
Thousands of dollars (000's)			
Non-linear storm water assets			
Storm water drainage pump stations	C7H18101 \$ [] ,000	C7H18201 \$ [] ,000	C7H18301 \$ [] ,000
Storm water management facilities – Storm water Management Ponds and Storm water Wetlands	C7H18102 \$ [] ,000	C7H18202 \$ [] ,000	C7H18302 \$ [] ,000
Storm water management facilities – all other permitted, end-of-pipe facilities	C7H18103 \$ [] ,000	C7H18203 \$ [] ,000	C7H18303 \$ [] ,000
Linear storm water assets			
Culverts (diameter: < 3 m)	C7H18104 \$ [] ,000	C7H18204 \$ [] ,000	C7H18304 \$ [] ,000
Open ditches	C7H18105 \$ [] ,000	C7H18205 \$ [] ,000	C7H18305 \$ [] ,000
Storm water pipes (diameter: < 450 mm)	C7H18106 \$ [] ,000	C7H18206 \$ [] ,000	C7H18306 \$ [] ,000
Storm water pipes (diameter: ≥ 450 mm to < 1,500 mm)	C7H18107 \$ [] ,000	C7H18207 \$ [] ,000	C7H18307 \$ [] ,000
Storm water pipes (diameter: ≥ 1,500 mm)	C7H18108 \$ [] ,000	C7H18208 \$ [] ,000	C7H18308 \$ [] ,000
Storm water pipes (of unknown diameter)	C7H18109 \$ [] ,000	C7H18209 \$ [] ,000	C7H18309 \$ [] ,000

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Solid waste assets

Solid waste assets include the following:

Collection assets: Waste, recyclable and organic materials collection methods include curbside collection, back door pick-ups, and automated collection. The waste, recyclable or organic materials may be taken to an intermediate site or to a final disposal site. Include collection assets owned by your organization or leased by your organization through a capital lease agreement.

Transfer station assets include facilities at which wastes transported by vehicles involved in collection are transferred to other vehicles that will transport the wastes to a disposal (landfill or incinerator) or recycling facility. Include transfer station assets owned by your organization or leased by your organization through a capital lease agreement.

Waste diversion assets include composting facilities, materials recovery facilities, anaerobic digestion facilities owned by your organization or leased by your organization through a capital lease agreement.

Waste disposal assets include engineered landfills (active), dump sites (active), closed sites (inactive engineered landfills and dumps), incinerators and energy from waste facilities owned by your organization or leased by your organization through a capital lease agreement.

39. In 2016, did your organization own and operate any of the following solid waste assets?

If you do not own or lease an asset listed below, please check **Does not apply**.

	Yes	Does not apply
Solid waste assets		
Provision of collection of solid waste	COA07101 <input type="radio"/>	COA07106 <input type="radio"/>
Transfer station assets	COA07201 <input type="radio"/>	COA07206 <input type="radio"/>
Waste diversion assets	COA07301 <input type="radio"/>	COA07306 <input type="radio"/>
Waste disposal assets	COA07401 <input type="radio"/>	COA07406 <input type="radio"/>

If you do own any solid waste assets → **Please go to question 40**

If you do not own any solid waste assets → **Please go to question 47**

40. What was your organization's final inventory count of solid waste assets as of December 31, 2016?

If you do not own or lease an asset listed below, please check **Does not apply**.

	Count	Does not apply
Solid waste assets		
Transfer station assets	C6B01101 [] [] [] [] [] [] [] [] [] []	C6B01201 []
Waste diversion assets		
Composting facilities	C6B01102 [] [] [] [] [] [] [] [] [] []	C6B01202 []
Materials recovery facilities	C6B01103 [] [] [] [] [] [] [] [] [] []	C6B01203 []
Anaerobic digestion facility	C6B01104 [] [] [] [] [] [] [] [] [] []	C6B01204 []
Waste disposal assets		
Engineered landfills (active)	C6B01105 [] [] [] [] [] [] [] [] [] []	C6B01205 []
Dump sites (active)	C6B01106 [] [] [] [] [] [] [] [] [] []	C6B01206 []
Closed sites (inactive engineered landfills and dumps)	C6B01107 [] [] [] [] [] [] [] [] [] []	C6B01207 []
Incinerators	C6B01108 [] [] [] [] [] [] [] [] [] []	C6B01208 []
Energy from waste facilities	C6B01109 [] [] [] [] [] [] [] [] [] []	C6B01209 []

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41. As of December 31, 2016, indicate the count distribution of your solid waste assets inventory based on the year of completed construction.

Each selected asset in question 40 should have a count distribution below.

	Year of completed construction						
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	Do not know
	Count						
Solid waste assets							
Transfer station assets	C6C02101	C6C02201	C6C02301	C6C02401	C6C02501	C6C02601	C6C02701
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Waste diversion assets							
Composting facilities	C6C02102	C6C02202	C6C02302	C6C02402	C6C02502	C6C02602	C6C02702
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Materials recovery facilities	C6C02103	C6C02203	C6C02303	C6C02403	C6C02503	C6C02603	C6C02703
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Anaerobic digestion facility	C6C02104	C6C02204	C6C02304	C6C02404	C6C02504	C6C02604	C6C02704
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Waste disposal assets							
Engineered landfills (active)	C6C02105	C6C02205	C6C02305	C6C02405	C6C02505	C6C02605	C6C02705
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Dump sites (active)	C6C02106	C6C02206	C6C02306	C6C02406	C6C02506	C6C02606	C6C02706
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Closed sites (inactive engineered landfills and dumps)	C6C02107	C6C02207	C6C02307	C6C02407	C6C02507	C6C02607	C6C02707
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Incinerators	C6C02108	C6C02208	C6C02308	C6C02408	C6C02508	C6C02608	C6C02708
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Energy from waste facilities	C6C02109	C6C02209	C6C02309	C6C02409	C6C02509	C6C02609	C6C02709
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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42. What is the condition assessment cycle for your solid waste assets?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

		Condition assessment cycle						
		1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know
Solid waste assets								
	C6D03101	01	02	03	04	05	06	07
Transfer station assets		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waste diversion assets								
	C6D03102	01	02	03	04	05	06	07
Composting facilities		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	C6D03103	01	02	03	04	05	06	07
Materials recovery facilities		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	C6D03104	01	02	03	04	05	06	07
Anaerobic digestion facility		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waste disposal assets								
	C6D03105	01	02	03	04	05	06	07
Engineered landfills (active)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	C6D03106	01	02	03	04	05	06	07
Dump sites (active)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	C6D03107	01	02	03	04	05	06	07
Closed sites (inactive engineered landfills and dumps)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	C6D03108	01	02	03	04	05	06	07
Incinerators		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	C6D03109	01	02	03	04	05	06	07
Energy from waste facilities		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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43. Please indicate the assessment tool used to complete the physical condition assessment of your organization's solid waste assets in 2016.

Check all that apply for each solid waste asset owned or leased by your organization.

Each selected asset in question 40 should have a physical condition assessment below.

	1. Based on detailed inspection and analysis guidelines or procedures	2. Based on First Nations representative working experience with asset	3. Using proxy information such as age of material, soil environment and estimated service life	4. Do not know
Solid waste assets				
Transfer station assets	C6E04101 <input type="checkbox"/>	C6E04201 <input type="checkbox"/>	C6E04301 <input type="checkbox"/>	C6E04401 <input type="checkbox"/>
Waste diversion assets				
Composting facilities	C6E04102 <input type="checkbox"/>	C6E04202 <input type="checkbox"/>	C6E04302 <input type="checkbox"/>	C6E04402 <input type="checkbox"/>
Materials recovery facilities	C6E04103 <input type="checkbox"/>	C6E04203 <input type="checkbox"/>	C6E04303 <input type="checkbox"/>	C6E04403 <input type="checkbox"/>
Anaerobic digestion facility	C6E04104 <input type="checkbox"/>	C6E04204 <input type="checkbox"/>	C6E04304 <input type="checkbox"/>	C6E04404 <input type="checkbox"/>
Waste disposal assets				
Engineered landfills (active)	C6E04105 <input type="checkbox"/>	C6E04205 <input type="checkbox"/>	C6E04305 <input type="checkbox"/>	C6E04405 <input type="checkbox"/>
Dump sites (active)	C6E04106 <input type="checkbox"/>	C6E04206 <input type="checkbox"/>	C6E04306 <input type="checkbox"/>	C6E04406 <input type="checkbox"/>
Closed sites (inactive engineered landfills and dumps)	C6E04107 <input type="checkbox"/>	C6E04207 <input type="checkbox"/>	C6E04307 <input type="checkbox"/>	C6E04407 <input type="checkbox"/>
Incinerators	C6E04108 <input type="checkbox"/>	C6E04208 <input type="checkbox"/>	C6E04308 <input type="checkbox"/>	C6E04408 <input type="checkbox"/>
Energy from waste facilities	C6E04109 <input type="checkbox"/>	C6E04209 <input type="checkbox"/>	C6E04309 <input type="checkbox"/>	C6E04409 <input type="checkbox"/>

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**44. In 2016, what was the overall physical condition of your organization's solid waste assets?
Please indicate the percent distribution of your solid waste assets by using the following condition rating scale.**

Very poor: The asset is unfit for sustained service. Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 40 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
	%						
Solid waste assets							
Transfer station assets	C6F05101	C6F05201	C6F05301	C6F05401	C6F05501	C6F05601	100%
Waste diversion assets							
Composting facilities	C6F05102	C6F05202	C6F05302	C6F05402	C6F05502	C6F05602	100%
Materials recovery facilities	C6F05103	C6F05203	C6F05303	C6F05403	C6F05503	C6F05603	100%
Anaerobic digestion facility	C6F05104	C6F05204	C6F05304	C6F05404	C6F05504	C6F05604	100%
Waste disposal assets							
Engineered landfills (active)	C6F05105	C6F05205	C6F05305	C6F05405	C6F05505	C6F05605	100%
Dump sites (active)	C6F05106	C6F05206	C6F05306	C6F05406	C6F05506	C6F05606	100%
Closed sites (inactive engineered landfills and dumps)	C6F05107	C6F05207	C6F05307	C6F05407	C6F05507	C6F05607	100%
Incinerators	C6F05108	C6F05208	C6F05308	C6F05408	C6F05508	C6F05608	100%
Energy from waste facilities	C6F05109	C6F05209	C6F05309	C6F05409	C6F05509	C6F05609	100%

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Assets value and expenses of solid waste

45. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of solid waste assets owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs.

Does not include land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of "good" within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs.

Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 40.

	2016		
	Estimated replacement value	Required renewal budget	Actual renewal budget
Thousands of dollars (000's)			
Solid waste assets			
Transfer station assets	C6H13101 \$ _____,000	C6H13201 \$ _____,000	C6H13301 \$ _____,000
Waste diversion assets			
Composting facilities	C6H13102 \$ _____,000	C6H13202 \$ _____,000	C6H13302 \$ _____,000
Materials recovery facilities	C6H13103 \$ _____,000	C6H13203 \$ _____,000	C6H13303 \$ _____,000
Anaerobic digestion facility	C6H13104 \$ _____,000	C6H13204 \$ _____,000	C6H13304 \$ _____,000
Waste disposal assets			
Engineered landfills (active)	C6H13105 \$ _____,000	C6H13205 \$ _____,000	C6H13305 \$ _____,000
Dump sites (active)	C6H13106 \$ _____,000	C6H13206 \$ _____,000	C6H13306 \$ _____,000
Closed sites (inactive engineered landfills and dumps)	C6H13107 \$ _____,000	C6H13207 \$ _____,000	C6H13307 \$ _____,000
Incinerators	C6H13108 \$ _____,000	C6H13208 \$ _____,000	C6H13308 \$ _____,000
Energy from waste facilities	C6H13109 \$ _____,000	C6H13209 \$ _____,000	C6H13309 \$ _____,000

46. In 2016, what was the total value associated with new solid waste assets owned by your organization?

New solid waste assets include the value of new construction, acquisition of assets, and the value of donated assets.

		2016	
		Thousands of dollars (000's)	
Transfer station assets	CSH14101	\$ <input type="text"/>	,000
Waste diversion assets	CSH14102	\$ <input type="text"/>	,000
Waste disposal assets	CSH14103	\$ <input type="text"/>	,000

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First Nations social and affordable housing

First Nations social and affordable housing, for the purposes of this survey, refers to First Nation's owned housing units that are owned and operated by First Nations entities aiming to provide affordable, safe and supportive housing for low-to-moderate-income households. It encompasses ownership and rental housing as well as emergency and supportive shelters for different population groups. Other characteristics include where bricks and mortar and operating deficits are financed through funding, and where households receive housing subsidies or pay a rent geared to their income which is lower than what the private market would ask for the same shelter.

First Nations social and affordable housing structures include the following:

Single-detached house: A single dwelling not attached to any other dwelling or structure (except its own garage or shed). A single-detached house has open space on all sides, and has no dwellings either above it or below it. A mobile home fixed permanently to a foundation is also classified as a single-detached house.

Semi-detached house: One of two dwellings attached side by side (or back to back) to each other, but not attached to any other dwelling or structure (except its own garage or shed). The two units together have open space on all sides. Please include duplex and triplex housing.

Row house: One of three or more dwellings joined side by side (or occasionally side to back), such as a townhouse or garden home, but not having any other dwellings either above or below. Townhouses attached to a high-rise building are also classified as row houses. A set of row houses represents one structure.

Apartment buildings including the following:

Apartment building that has five or more storeys: A high-rise apartment building which has five or more storeys.

Apartment building that has fewer than five storeys: A building that has fewer than five storeys.

47. In 2016, did your organization own and operate any First Nations social and affordable housing assets?

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1 Yes

3 No → Please go to question 55

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48. What was your organization's final inventory count of social and affordable housing structures and units owned by your organization as of December 31, 2016?

Do not include structures owned by cooperatives, non-profit organizations or private organizations.
If you do not own or lease an asset listed below, please check **Does not apply**.

	Count of structures	Count of units within structures	Does not apply
First Nations social and affordable housing			
Single detached house	C9B01101 [] [] [] [] [] [] [] [] [] []	C9B01201 [] [] [] [] [] [] [] [] [] []	C9B01301 [] [] [] [] [] [] [] [] [] []
Semi-detached house (include duplex / triplex housing)	C9B01102 [] [] [] [] [] [] [] [] [] []	C9B01202 [] [] [] [] [] [] [] [] [] []	C9B01302 [] [] [] [] [] [] [] [] [] []
Row house (a set of row houses represents one structure)	C9B01103 [] [] [] [] [] [] [] [] [] []	C9B01203 [] [] [] [] [] [] [] [] [] []	C9B01303 [] [] [] [] [] [] [] [] [] []
Apartment buildings	C9B01106 [] [] [] [] [] [] [] [] [] []	C9B01206 [] [] [] [] [] [] [] [] [] []	C9B01306 [] [] [] [] [] [] [] [] [] []

49. As of December 31, 2016, indicate the count distribution of your social and affordable housing structures based on the year of completed construction.

Each selected asset in question 48 should have a count distribution below.

	Year of completed construction						Do not know
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	
Count							
First Nations social and affordable housing							
Single detached house	C9C02101 [] [] [] [] [] [] [] [] [] []	C9C02201 [] [] [] [] [] [] [] [] [] []	C9C02301 [] [] [] [] [] [] [] [] [] []	C9C02401 [] [] [] [] [] [] [] [] [] []	C9C02501 [] [] [] [] [] [] [] [] [] []	C9C02601 [] [] [] [] [] [] [] [] [] []	C9C02701 [] [] [] [] [] [] [] [] [] []
Semi-detached house (include duplex / triplex housing)	C9C02102 [] [] [] [] [] [] [] [] [] []	C9C02202 [] [] [] [] [] [] [] [] [] []	C9C02302 [] [] [] [] [] [] [] [] [] []	C9C02402 [] [] [] [] [] [] [] [] [] []	C9C02502 [] [] [] [] [] [] [] [] [] []	C9C02602 [] [] [] [] [] [] [] [] [] []	C9C02702 [] [] [] [] [] [] [] [] [] []
Row house (a set of row houses represents one structure)	C9C02103 [] [] [] [] [] [] [] [] [] []	C9C02203 [] [] [] [] [] [] [] [] [] []	C9C02303 [] [] [] [] [] [] [] [] [] []	C9C02403 [] [] [] [] [] [] [] [] [] []	C9C02503 [] [] [] [] [] [] [] [] [] []	C9C02603 [] [] [] [] [] [] [] [] [] []	C9C02703 [] [] [] [] [] [] [] [] [] []
Apartment buildings	C9C02106 [] [] [] [] [] [] [] [] [] []	C9C02206 [] [] [] [] [] [] [] [] [] []	C9C02306 [] [] [] [] [] [] [] [] [] []	C9C02406 [] [] [] [] [] [] [] [] [] []	C9C02506 [] [] [] [] [] [] [] [] [] []	C9C02606 [] [] [] [] [] [] [] [] [] []	C9C02706 [] [] [] [] [] [] [] [] [] []

50. What is the condition assessment cycle for the social and affordable housing structures owned by your organization?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

		Condition assessment cycle						
		1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know
First Nations social and affordable housing structures								
Single detached house	C9D03101	01	02	03	04	05	06	07
Semi-detached house (include duplex / triplex housing)	C9D03102	01	02	03	04	05	06	07
Row house (a set of row houses represents one structure)	C9D03103	01	02	03	04	05	06	07
Apartment buildings	C9D03106	01	02	03	04	05	06	07

51. Please indicate the assessment tool used to complete the physical condition assessment your organization's social and affordable housing structures in 2016.

Check all that apply for each social and affordable housing structures water asset owned or leased by your organization.

Each selected asset for question 48 should have a physical condition assessment below.

	1. Based on detailed inspection, analysis guidelines, procedures or certification by engineer	2. Based on assessment by building manager, superintendents (etc.)	3. Using proxy information such as age from administrative data	4. Do not know
First Nations social and affordable housing structures				
Single detached house	C9E04101	C9E04201	C9E04301	C9E04401
Semi-detached house (include duplex / triplex housing)	C9E04102	C9E04202	C9E04302	C9E04402
Row house (a set of row houses represents one structure)	C9E04103	C9E04203	C9E04303	C9E04403
Apartment buildings	C9E04106	C9E04206	C9E04306	C9E04406

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52. In 2016, what was the overall physical condition of your organization's social and affordable housing assets? Please indicate the percent distribution of your social and affordable housing assets by using the following condition rating scale.

Very poor: The asset is unfit for sustained service. The asset is near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 48 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
	%						
First Nations social and affordable housing structures							
Single detached house	C9F05101 [Progress indicator]	C9F05201 [Progress indicator]	C9F05301 [Progress indicator]	C9F05401 [Progress indicator]	C9F05501 [Progress indicator]	C9F05601 [Progress indicator]	100%
Semi-detached house (include duplex / triplex housing)	C9F05102 [Progress indicator]	C9F05202 [Progress indicator]	C9F05302 [Progress indicator]	C9F05402 [Progress indicator]	C9F05502 [Progress indicator]	C9F05602 [Progress indicator]	100%
Row house (a set of row houses represents one structure)	C9F05103 [Progress indicator]	C9F05203 [Progress indicator]	C9F05303 [Progress indicator]	C9F05403 [Progress indicator]	C9F05503 [Progress indicator]	C9F05603 [Progress indicator]	100%
Apartment buildings	C9F05106 [Progress indicator]	C9F05206 [Progress indicator]	C9F05306 [Progress indicator]	C9F05406 [Progress indicator]	C9F05506 [Progress indicator]	C9F05606 [Progress indicator]	100%

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Assets value and expenses of social and affordable housing

53. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of the social and affordable housing structures owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs. **Does not include** land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of "good" within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs. Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 48.

	2016		
	Estimated replacement value	Required renewal budget	Actual renewal budget
Thousands of dollars (000's)			
First Nations social and affordable housing structures			
Single detached house	C9H22101 \$ [] ,000	C9H22101 \$ [] ,000	C9H22301 \$ [] ,000
Semi-detached house (include duplex / triplex housing)	C9H22102 \$ [] ,000	C9H22202 \$ [] ,000	C9H22302 \$ [] ,000
Row house (a set of row houses represents one structure)	C9H22103 \$ [] ,000	C9H22203 \$ [] ,000	C9H22303 \$ [] ,000
Apartment buildings	C9H22106 \$ [] ,000	C9H22206 \$ [] ,000	C9H22306 \$ [] ,000

54. In 2016, what was the total value associated with new social and affordable housing structures and units owned by your organization?

New social and affordable housing structures include the value of new construction, acquisition of assets, and the value of donated assets.

		2016	
		Thousands of dollars (000's)	
Social and affordable housing structures	C9H23101	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	,000
Social and affordable housing units	C9H23102	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	,000

Bridge and tunnel assets

Bridge and tunnel assets include the following:

Bridges include highway and expressway bridges, arterial bridges, collector bridges, local bridges and footbridges owned by your organization. **Include** grade separation. **Exclude** bridges in parks and transit exclusive bridges.

Culverts include crossings with diameter greater than or equal to 3 metres owned by your organization.

Tunnels include tunnels owned by your organization. **Exclude** tunnels in parks and transit exclusive tunnels.

55. In 2016, did your organization own and operate any bridge and tunnel assets?

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1 Yes

3 No → Please go to question 58

56. What was your organization's final inventory count of bridge and tunnel assets as of December 31, 2016?

If you do not own an asset listed below, please check **Does not apply**.

	Count	Does not apply
Bridge and tunnel assets		
Bridges	C1B01108 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	C1B02208 <input type="checkbox"/>
Culverts	C1B01106 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	C1B01206 <input type="checkbox"/>
Tunnels	C1B01107 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	C1B01207 <input type="checkbox"/>

57. As of December 31, 2016, indicate the count distribution of your bridge and tunnel assets inventory based on the year of completed construction.

Each selected asset in question 56 should have a count distribution below.

	Year of completed construction						
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	Do not know
	Count						
Bridge and tunnel assets							
Bridges	C1C02108 <input type="text"/>	C1C02208 <input type="text"/>	C1C02308 <input type="text"/>	C1C02408 <input type="text"/>	C1C02508 <input type="text"/>	C1C02608 <input type="text"/>	C1C02708 <input type="text"/>
Culverts	C1C02106 <input type="text"/>	C1C02206 <input type="text"/>	C1C02306 <input type="text"/>	C1C02406 <input type="text"/>	C1C02506 <input type="text"/>	C1C02606 <input type="text"/>	C1C02706 <input type="text"/>
Tunnels	C1C02107 <input type="text"/>	C1C02207 <input type="text"/>	C1C02307 <input type="text"/>	C1C02407 <input type="text"/>	C1C02507 <input type="text"/>	C1C02607 <input type="text"/>	C1C02707 <input type="text"/>

Culture, recreation and sport facilities

Culture, recreation and sport facilities include the following:

Ice arena facilities include: indoor ice arenas (single pad; 2–3 pads; 4 pads; 5 pads or more) and outdoor ice arenas owned by your organization or leased by your organization through a capital lease agreement.

Pool facilities include: indoor pools (25 metres; 50 metres or longer and leisure pools); outdoor pools; wading pools and splash pads owned by your organization or leased by your organization through a capital lease agreement.

Arts and culture facilities include: galleries; libraries; museums and archives; and presentation and performance spaces owned by your organization or leased by your organization through a capital lease agreement.

Other facilities include skate parks (indoor / outdoor); indoor curling rinks; stadiums (indoor / outdoor); tennis courts (indoor / outdoor); sports field (indoor / outdoor) and community centres (seniors centres and youth centres) owned by your organization or leased by your organization through a capital lease agreement.

Multi-purpose facilities include a combination of various facility components such as a pool, arena, fitness centre, meeting rooms, seniors' centre, gallery, museum, training space and presentation space owned by your organization or leased by your organization through a capital lease agreement.

58. In 2016, did your organization own and operate any culture, recreation, and sport facilities?

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1 Yes

3 No → Please go to question 69

59. What was your organization's final inventory count of culture, recreation, and sport facilities as of December 31, 2016?

If you do not own an asset listed below, please check **Does not apply**.

	Count	Does not apply
Culture, recreation and sport facilities		
Ice arenas	C2B01126 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2B01226 <input type="checkbox"/>
Pools	C2B01127 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2B01227 <input type="checkbox"/>
Arts and culture facilities	C2B01128 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2B01228 <input type="checkbox"/>
Other facilities	C2B01129 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2B01229 <input type="checkbox"/>

60. What was your organization's final inventory count of multi-purpose facilities as of December 31, 2016?

C2B03101 Count

C2B03102 Do not know

61. As of December 31, 2016, indicate the count distribution of your culture, recreation and sport facilities inventory based on the year of completed construction.

Each selected asset for question 59 should have a count distribution below.

	Year of completed construction						Do not know
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	
	Count						
Culture, recreation and sport facilities							
Ice arenas	C2C04125 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04225 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04325 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04425 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04525 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04625 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04725 <input type="checkbox"/>
Pools	C2C04126 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04226 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04326 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04426 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04526 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04626 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04726 <input type="checkbox"/>
Arts and culture facilities	C2C04127 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04227 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04327 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04427 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04527 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04627 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04727 <input type="checkbox"/>
Other facilities	C2C04128 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04228 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04328 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04428 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04528 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04628 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	C2C04728 <input type="checkbox"/>

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62. What is the condition assessment cycle for your culture, recreation and sports facilities?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

		Condition assessment cycle						
		1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know
Culture, recreation and sport facilities								
Ice arenas	C2D05126	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>
Pools	C2D05127	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>
Arts and culture facilities	C2D05128	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>
Other facilities	C2D05129	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>

63. Please indicate the assessment tool used to complete the physical condition assessment of your organization's culture, recreation and sport facilities in 2016.

Check all that apply for each culture, recreation and sport facility owned or leased by your organization.

Each selected asset for question 59 should have a physical condition assessment below.

		1. Based on detailed inspection and analysis guidelines or procedures	2. Based on First Nations representative working experience with asset	3. Using proxy information such as age of material, soil environment and estimated service life	4. Do not know
Culture, recreation and sport facilities					
Ice arenas	C2E06126	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pools	C2E06127	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arts and culture facilities	C2E06128	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other facilities	C2E06129	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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64. In 2016, what was the overall physical condition of your organization’s culture, recreation and sport facilities assets? Please indicate the percentage distribution of your culture, recreation and sport facilities assets by using the following condition rating scale.

Very poor: The asset is unfit for sustained service. Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 59 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
	%						
Culture, recreation and sport facilities							
Ice arenas	C2F07125 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07225 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07325 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07425 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07525 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07625 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	100%
Pools	C2F07126 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07226 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07326 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07426 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07526 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07626 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	100%
Arts and culture facilities	C2F07127 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07227 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07327 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07427 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07527 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07627 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	100%
Other facilities	C2F07128 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07228 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07328 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07428 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07528 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C2F07628 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	100%

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Assets value and expenses of culture, recreation and sport facilities

65. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of culture, recreation and sports assets owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs.

Does not include land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of "good" within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs.

Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 59.

	2016		
	Estimated replacement value	Required renewal budget	Renewal budget
	Thousands of dollars (000's)		
Culture, recreation and sport facilities			
Ice arenas	C2H14126 \$ <input type="text"/> ,000	C2H14226 \$ <input type="text"/> ,000	C2H14326 \$ <input type="text"/> ,000
Pools	C2H14127 \$ <input type="text"/> ,000	C2H14227 \$ <input type="text"/> ,000	C2H14327 \$ <input type="text"/> ,000
Arts and culture facilities	C2H14128 \$ <input type="text"/> ,000	C2H14228 \$ <input type="text"/> ,000	C2H14328 \$ <input type="text"/> ,000
Other facilities	C2H14129 \$ <input type="text"/> ,000	C2H14229 \$ <input type="text"/> ,000	C2H14329 \$ <input type="text"/> ,000

66. In 2016, what was the total value associated with new culture, recreation and sports facilities owned by your organization?

New culture, recreation and sports facilities include the value of new construction, acquisition of assets, or the value of donated assets.

	2016
	Thousands of dollars
Ice arenas	C2H15101 \$ <input type="text"/> ,000
Pools	C2H15102 \$ <input type="text"/> ,000
Multi-purpose facilities	C2H15103 \$ <input type="text"/> ,000
Arts and culture facilities	C2H15104 \$ <input type="text"/> ,000
Other facilities	C2H15105 \$ <input type="text"/> ,000

67. As of December 31, 2016, what percentage of your culture, recreation and sports facilities allow for accessibility?

Accessibility: This means taking appropriate measures to ensure persons with disabilities have access, on an equal basis with others, to the physical environment, to transportation, and to other facilities and services open and provided to the public, both in urban and rural areas.

		%
Culture, recreation and sport facilities		
Ice arenas	C2G12101	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Pools	C2G12102	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Multi-purpose facilities	C2G12103	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Arts and culture facilities	C2G12104	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %
Other facilities	C2G12105	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> %

68. What is the maximum distance residents in your community have to travel in order to access the following facilities?

		0 to 10km	11 to 20km	21 to 30km	31 to 40km	More than 40km
Ice arenas	C2G13101	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
Pools	C2G13102	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
Multi-purpose facilities	C2G13103	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
Arts and culture facilities	C2G13104	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>
Other facilities	C2G13105	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

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Road assets

Road assets include all paved and unpaved urban and rural roads: highways; arterial roads; collector roads; local roads; lanes; and alleys; and sidewalks owned by your organization or leased by your organization through a capital lease agreement. **Exclude** transit exclusive right of ways.

Unpaved roads include any road surface that is unsealed, such as gravel roads or dirt roads owned by your organization.

Paved roads include any road surface that is sealed in some manner such as portland cement concrete, asphalt concrete, chipseal, and other hard or sealed surface owned by your organization.

69. In 2016, did your organization own and operate any road assets?

COA04101

¹ Yes




³ No → Please go to question 77

70. In 2016, what was the total length in kilometre of your organization's road network?

Report the length of road network in terms of 2-lane equivalent kilometres, where one kilometre of a four-lane highway is counted as two kilometres.

If you do not own or lease an asset listed below, please check **Does not apply**.

Please report in kilometre.

	Total length in kilometre	Does not apply
Road assets		
Unpaved roads	C5B02107  km	C5B02207 <input type="checkbox"/>
Paved roads	C5B02108  km	C5B02208 <input type="checkbox"/>
Sidewalks (please indicate in linear km)	C5B02106  km	C5B02206 <input type="checkbox"/>

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71. As of December 31, 2016, indicate the kilometres distribution of your organization's road assets inventory based on the year of completed construction.

Each selected asset for question 70 should have a kilometer distribution below.

	Year of completed construction						
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	Do not know
Kilometres							
Road assets							
Unpaved roads	C5003107 <input type="checkbox"/>	C5003207 <input type="checkbox"/>	C5003307 <input type="checkbox"/>	C5003407 <input type="checkbox"/>	C5003507 <input type="checkbox"/>	C5003607 <input type="checkbox"/>	C5003707 <input type="checkbox"/>
Paved roads	C5003108 <input type="checkbox"/>	C5003208 <input type="checkbox"/>	C5003308 <input type="checkbox"/>	C5003408 <input type="checkbox"/>	C5003508 <input type="checkbox"/>	C5003608 <input type="checkbox"/>	C5003708 <input type="checkbox"/>
Sidewalks	C5003106 <input type="checkbox"/>	C5003206 <input type="checkbox"/>	C5003306 <input type="checkbox"/>	C5003406 <input type="checkbox"/>	C5003506 <input type="checkbox"/>	C5003606 <input type="checkbox"/>	C5003706 <input type="checkbox"/>

72. What is the condition assessment cycle for your road assets?

Condition assessment cycle: The period of time required to assess all the assets of a particular type owned by the organization as well as all of the assets of a particular type leased by the organization through a capital lease agreement.

Please select one condition assessment cycle per asset.

	Condition assessment cycle							
	1 year	2 years	3 to 5 years	5 to 10 years	More than 10 years	Does not apply	Do not know	
Road assets								
Unpaved roads	C5D04107	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>
Paved roads	C5D04108	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>
Sidewalks	C5D04106	01 <input type="radio"/>	02 <input type="radio"/>	03 <input type="radio"/>	04 <input type="radio"/>	05 <input type="radio"/>	06 <input type="radio"/>	07 <input type="radio"/>

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73. Please indicate the assessment tool used to complete the physical condition assessment of your organization's road assets in 2016.

Check all that apply for each road asset owned or leased by your organization.

Each selected asset in question 70 should have a physical condition assessment below.

	1. Based on detailed inspection and analysis guidelines or procedures	2. Based on First Nations representative working experience with asset	3. Using proxy information such as age of material, soil environment and estimated service life	4. Do not know
Road assets				
Unpaved roads	C5E05107 <input type="checkbox"/>	C5E05207 <input type="checkbox"/>	C5E05307 <input type="checkbox"/>	C5E05407 <input type="checkbox"/>
Paved roads	C5E05108 <input type="checkbox"/>	C5E05208 <input type="checkbox"/>	C5E05308 <input type="checkbox"/>	C5E05408 <input type="checkbox"/>
Sidewalks	C5E05106 <input type="checkbox"/>	C5E05206 <input type="checkbox"/>	C5E05306 <input type="checkbox"/>	C5E05406 <input type="checkbox"/>

74. In 2016, what was the overall physical condition of your organization's road assets?

Please indicate the percentage distribution of your road assets by using the following condition rating scale.

Very poor: The asset is unfit for sustained service. Near or beyond expected service life, widespread signs of advanced deterioration, some assets may be unusable.

Poor: Increasing potential of affecting service. The asset is approaching end of service life; condition below standard and a large portion of system exhibits significant deterioration.

Fair: The asset requires attention. The assets show signs of deterioration and some elements exhibit deficiencies.

Good: The asset is adequate. Acceptable, generally within mid stage of expected service life.

Very good: Asset is fit for the future. Well maintained, good condition, new or recently rehabilitated.

Each selected asset for question 70 should have a percent distribution below.

Each reporting asset must total to 100%.

	Very poor	Poor	Fair	Good	Very good	Do not know	Total
%							
Road assets							
Unpaved roads	C5F06107 <input type="checkbox"/>	C5F06207 <input type="checkbox"/>	C5F06307 <input type="checkbox"/>	C5F06407 <input type="checkbox"/>	C5F06507 <input type="checkbox"/>	C5F06607 <input type="checkbox"/>	100%
Paved roads	C5F06108 <input type="checkbox"/>	C5F06208 <input type="checkbox"/>	C5F06308 <input type="checkbox"/>	C5F06408 <input type="checkbox"/>	C5F06508 <input type="checkbox"/>	C5F06608 <input type="checkbox"/>	100%
Sidewalks	C5F06106 <input type="checkbox"/>	C5F06206 <input type="checkbox"/>	C5F06306 <input type="checkbox"/>	C5F06406 <input type="checkbox"/>	C5F06506 <input type="checkbox"/>	C5F06606 <input type="checkbox"/>	100%

Assets value and expenses of road assets

75. What is the 2016 estimated replacement value, required renewal budget, and actual renewal budget of road assets owned by your organization?

Estimated replacement value: the approximate cost at the present time required to replace an asset, including demolition costs.

Does not include land costs or overhead such as administration.

2016 required renewal budget: the budget required for rehabilitation, reconstruction, or replacement of the assets to bring rating of all assets to a rating of "good" within the 2016 reference year. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

2016 actual renewal budget: the actual funds spent for the rehabilitation, reconstruction a replacement of the assets. These include any activities which increase the performance or capacity of existing fixed assets or significantly extend their previously expected service lives.

Required renewal budget and actual renewal budget does not include cost of regular maintenance and repairs.

Maintenance and repairs: Ordinary maintenance and repairs of fixed assets are activities that owners or users of fixed assets are obliged to undertake periodically in order to be able to utilise assets over their expected service lives (they are current costs that cannot be avoided if the fixed assets are to continue to be used). Maintenance and repairs do not change the fixed asset or its performance, but simply maintain it in good working order or restore it to its previous condition in the event of a breakdown.

Each asset should correspond to question 70.

	2016		
	Estimated replacement value	Required renewal budget	Actual renewal budget
Thousands of dollars (000's)			
Road assets			
Unpaved roads	C5H18107 \$ <input type="text"/> ,000	C5H18207 \$ <input type="text"/> ,000	C5H18307 \$ <input type="text"/> ,000
Paved roads	C5H18108 \$ <input type="text"/> ,000	C5H18208 \$ <input type="text"/> ,000	C5H18308 \$ <input type="text"/> ,000
Sidewalks	C5H18106 \$ <input type="text"/> ,000	C5H18206 \$ <input type="text"/> ,000	C5H18306 \$ <input type="text"/> ,000

76. In 2016, what was the total value associated with new road assets owned by your organization?

New road assets include the value of new construction, acquisition of assets, and the value of donated assets.

	2016
	Thousands of dollars
Road assets	C5H14101 \$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ,000

First Nations transit assets

First Nations transit assets include the following:

Rolling stock transit assets include: buses, ferries and specialized transit (including elder vans) owned by your organization or leased by your organization through a capital lease agreement and used for generating revenue.

77. In 2016, did your organization own and operate any public transit assets?

C0A01101

1 Yes

3 No → Please go to next section – Contact person.

78. What was your organization's final inventory count of public transit rolling stock assets as of December 31, 2016?

If you do not own or lease an asset listed below, please check **Does not apply**.

	Count	Does not apply
Public Transit Assets		
Buses	C9B01124	C9B01224
Ferries	C4B02108	C4B02208
Specialized transit	C9B01112	C9B01212

79. As of December 31, 2016, indicate the count distribution of your public transit rolling stock assets inventory based on the year of purchase.

Each selected asset for question 78 should have a count distribution below.

	Year of purchase						Do not know
	2016	2010 to 2015	2000 to 2009	1970 to 1999	1940 to 1969	Prior to 1940	
	Count						
Public Transit Assets							
Buses	C4C04124	C4C04224	C4C04324	C4C04424	C4C04524	C4C04624	C4C04724
Ferries	C4C04108	C4C04208	C4C04308	C4C04408	C4C04508	C4C04608	C4C04708
Specialized transit	C4C04112	C4C04212	C4C04312	C4C04412	C4C04512	C4C04612	C4C04712

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