

Survey of Drinking Water Plants

Reporting year 2015

CONFIDENTIAL once completed

Si vous préférez ce questionnaire en français, veuillez nous appeler au 1-866-445-4323

Please provide your email address.

Email address

C0009

Please verify the business name, address and contact name, and correct where needed.

Legal name (facility owner)

C0001

Business name (facility owner)

C0002

First name

C0008

Last name

C0028

Address (number and street)

C0004

City

C0005

Province, territory or state

C0006

Postal code or zip code

C0007

PLEASE READ BEFORE COMPLETING

This survey is conducted 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.

Survey Purpose

This survey collects detailed information on the quantity and quality of water processed by plants that draw raw water from the environment to produce potable water. **The plants in the survey range in size from ones that use complex treatment processes for surface water to ones that use minimal treatment for groundwater.** The data collected will be used to monitor water reserves at the regional level in Canada and to develop environmental accounts. The information you provide may also be used by Statistics Canada for other statistical 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

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes.

Information on data-sharing agreements and record linkages can be found on the last page of this questionnaire.

Completing the questionnaire

The people in the best position to complete this questionnaire are managers who are familiar with plant processes, operating costs and water-quality monitoring.

Multiple Water Facilities/sources

If there are multiple water sources or facilities associated with the plant identified on the mailing label, complete Sections 1, 2, 3 and 4 of this questionnaire and provide the total and combined information for all facilities. Complete Section 5 for the facility that supplied the largest volume of water in 2015.

Returning the questionnaire

Please return the completed questionnaire within 60 days of receipt using the enclosed envelope, or fax it to 1-888-883-7999. If you have any questions, or need to make alternate arrangements, please call **1-866-445-4323**.

Fax or E-mail Transmission Disclosure

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

 PLEASE COMPLETE THIS QUESTIONNAIRE USING A BLACK BALLPOINT PEN.

Person primarily responsible for completing this questionnaire:

Last name

C0054

Telephone number

C0017

Extension

C0027

First name

C0013

Fax number

C0016

Organization

C0401

E-mail address

C0018

SECTION 1 – DRINKING WATER PLANT INFORMATION FOR 2015

FACILITY FOR WHICH THIS QUESTIONNAIRE IS COMPLETED

1. In 2015, did the facility identified on the mailing label withdraw water from the environment, in order to treat and/or convey potable water to a permanent community of 300 or more people?

C1000 1 Yes

3 No ► If no, please complete the cover page and question 1 only, and return the questionnaire in the enclosed envelope. Thank you.

SOURCE/RAW WATER TYPE

INSTRUCTIONS

- Do not write in coloured areas. Comments on any section of this survey should be provided in the space on page 13.
- Indicate the percentage and type of source water (raw water) obtained for processing by this facility below. If there are multiple water facilities/sources associated with the facility identified on the mailing label, complete this part to represent the total for all associated sources.
- Indicate the number of production facilities for each source water type where raw water withdrawn from the environment was treated and/or conveyed as potable water to a distribution system.

		PERCENTAGE		NUMBER OF PRODUCTION FACILITIES
2. Surface water	C1001	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %		C1004 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3. Groundwater	C1002	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %		C1005 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4. GUDI - Groundwater Under Direct Influence of surface water	C1003	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> %		C1006 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

FACILITY LOCATION AND COORDINATES

Questions 5,6,7,8 can be left blank if the information has been provided in past surveys for the facility identified on the mailing label and the information has not changed.

5. If there are multiple water facilities/sources being reported for the facility identified on the mailing label, enter the location and coordinates for the facility that produced the largest volume of potable water in 2015. List the names of other facilities/sources in the comments section on page 13. (If the address is the same as the address on page 1, indicate "same")

Address number: C1007

Street or road name: C1008

Street type (Rd, Ave, etc.): C1009

Name of township or municipality: C1010

Postal code: C1011

C1012 There is no civic address

- Answer only one of questions 6, 7 or 8. There are mapping websites and free software, such as Natural Resources Canada's "The Atlas of Canada: Toporama" and "Google Earth" that can assist you in finding coordinates either in decimal degrees, in degrees, minutes, seconds or in Universal Transverse Mercator (UTM).

6. Facility Coordinates (decimal degrees)

Latitude: C1013 N Longitude: C1014 W

degrees decimals degrees decimals

7. Facility Coordinates (degrees, minutes, seconds)

Latitude: C1015 ° ' " N Longitude: C1016 ° ' " W

degrees minutes seconds degrees minutes seconds

8. Facility Coordinates (Universal Transverse Mercator – UTM zone, eastings and northings)

Zone: C1017 Eastings: C1018 Northings: C1019

zone eastings northings

PLANT CAPACITY

INSTRUCTIONS

- Capacity for 2015 is to be reported in the units used at the drinking water facility. If there are multiple water facilities/sources being reported for the facility identified on the mailing label, report the combined total for all associated sources.

9. What was the maximum rated treatment capacity of this facility in 2015? (Specify the units in question 10.) C1020

10. Select the **unit** on the left and the **time period** on the right for the capacity value in question 9.

UNIT	TIME PERIOD
C1021 1 <input type="radio"/> Cubic metres	C1023 1 <input type="radio"/> Per second
2 <input type="radio"/> Litres	2 <input type="radio"/> Per minute
3 <input type="radio"/> Mega Litres (1 million litres)	3 <input type="radio"/> Per day
4 <input type="radio"/> Imperial gallons (1 imperial gallon = 4.5 litres)	4 <input type="radio"/> Per year
5 <input type="radio"/> U.S. gallons (1 U.S. gallon = 3.8 litres)	5 <input type="radio"/> Other (specify):
6 <input type="radio"/> Other (specify units clearly):	C1024 <input type="text"/>
C1022 <input type="text"/>	

11. How many days in 2015 did the facility operate at greater than 90% capacity? C1025

SECTOR USE AND POPULATION SERVED

INSTRUCTIONS

- Report the percentage of water used by the sectors identified and the population served for the facility identified on the mailing label. If there are multiple water facilities/sources being reported for the facility identified on the mailing label, report the combined total for all associated sources.

12. Of the total potable water produced, indicate the percentage consumed by each category below. If only some portions are known, indicate their percentages in the relevant boxes. If exact numbers are not known, please provide your best estimate. Consult with other departments within your organization if necessary.

	PERCENTAGE
Residential	C1027 <input type="text"/> %
Industrial, commercial, institutional, agricultural, municipal services and other non-residential	C1028 <input type="text"/> %
Losses from the distribution system (leaks, system maintenance and flushing)	C1029 <input type="text"/> %
Wholesale water provided to other jurisdictions	C1030 <input type="text"/> %
TOTAL	100 %

13. What source(s) of information were used for the sector use percentages? Mark all that apply.

C1031 1 Specific study/analysis for this facility 3 Other (specify):

2 Water billing accounts C1032

14. What was the size of the population served by this Drinking Water Plant in 2015? Indicate the number of persons, the number of connections or other units used. C1033

C1034 1 Persons 3 Other (specify):

2 Connections C1035

15. What source(s) of information were used for the size of the population served? Mark all that apply.

C1036 1 Specific study/analysis for this facility 3 Census data

2 Water billing accounts 4 Other (specify):

C1037

SECTION 2 – POTABLE WATER VOLUMES FOR 2015

INSTRUCTIONS

16. Report by month below the **volumes** of potable water produced by this drinking water facility. If there are multiple water facilities/sources being reported for the facility identified on the mailing label, report the combined total for all associated sources.

17. Monthly potable water volumes for 2015 are to be reported in the units used at the drinking water facility. Select the **unit of measure** (right column) for the volumes produced (left column) for all volumes reported in this section.

	VOLUMES
January	C2000 <input type="text"/>
February	C2001 <input type="text"/>
March	C2002 <input type="text"/>
April	C2003 <input type="text"/>
May	C2004 <input type="text"/>
June	C2005 <input type="text"/>
July	C2006 <input type="text"/>
August	C2007 <input type="text"/>
September	C2008 <input type="text"/>
October	C2009 <input type="text"/>
November	C2010 <input type="text"/>
December	C2011 <input type="text"/>
TOTAL	C2012 <input type="text"/>

UNIT

- C2013 1 Cubic metres
 2 Litres
 3 Mega Litres (1 million litres)
 4 Imperial gallons (1 imperial gallon = 4.5 litres)
 5 U.S. gallons (1 U.S. gallon = 3.8 litres)
 6 Other (*specify units clearly*):

C2014

18. Are potable water volumes metered or estimated?

- C2015 1 Metered
 2 Estimated

SECTION 3 – WATER TREATMENT PROCESSES FOR 2015

INSTRUCTIONS

- In this section, report the treatment processes applied to the raw/source water in 2015.
Note: disinfection only (e.g. chlorination) is a treatment process.

19. Are there multiple water facilities that withdraw raw water directly from the environment being reported for the facility identified on the mailing label?

C3000 1 Yes ▶ Go to question 20 3 No ▶ Go to question 22

20. Does each facility use the same water treatment process?

C3001 1 Yes ▶ Go to question 22 3 No ▶ Go to question 21

21. For the facility that produced the largest volume of potable water, indicate what percentage of the total volume it represents:

C3002 % ▶ Go to question 22 and respond for the facility that produced the largest volume of potable water.

22. Is the raw water withdrawn by this facility conveyed directly without treatment as potable water for consumption?
Note: disinfection only (e.g. chlorination) is a treatment process.

C3003 1 Yes ▶ Go to question 63 3 No ▶ Complete questions 23 to 62

INSTRUCTIONS

- In the “Process Used” column, confirm either yes or no to all the water treatment processes listed below.

UNIT PROCESSES FOR WATER TREATMENT	PROCESS USED	
	YES	NO
PRE-TREATMENT		
23. Microscreening	C3004 1 <input type="radio"/>	3 <input type="radio"/>
24. Other pre-treatment (specify): C3005 <input type="text"/>	C3006 1 <input type="radio"/>	3 <input type="radio"/>
DISINFECTION/OXIDATION		
25. Chlorination (hypochlorites or chlorine gas)	C3007 1 <input type="radio"/>	3 <input type="radio"/>
26. Chlorine dioxide	C3008 1 <input type="radio"/>	3 <input type="radio"/>
27. Chloramination	C3009 1 <input type="radio"/>	3 <input type="radio"/>
28. UV irradiation	C3010 1 <input type="radio"/>	3 <input type="radio"/>
29. Ozonation	C3011 1 <input type="radio"/>	3 <input type="radio"/>
30. Application of potassium permanganate	C3012 1 <input type="radio"/>	3 <input type="radio"/>
31. Other disinfection/oxidation reagents	C3013 1 <input type="radio"/>	3 <input type="radio"/>

Either Yes or No must be checked for each line. Review the entire list prior to making selections.

Indicate "no" if only used to recharge a greensand filtration system.

continued on next page...

UNIT PROCESSES FOR WATER TREATMENT

**PROCESS
USED**
YES NO

CHEMICAL TREATMENT OR ADDITION

32. Fluoridation
(if 'yes', mark all those applied) C3014 1 3

33. Alkalinity adjustment for process control C3016 1 3

34. pH adjustment for process control C3017 1 3

35. Corrosion control – pH adjustment C3018 1 3

36. Corrosion control – alkalinity adjustment C3019 1 3

37. Corrosion control – inhibitors
(if 'yes', mark all those applied) C3020 1 3

If 'yes', mark all those applied.

C3015

- 1 Sodium fluoride
- 2 Sodium silicofluoride
- 3 Hydro-fluosilicic acid
- 4 Ammonium silicofluoride

COAGULATION/FLOCCULATION & FILTER AID

38. Coagulation – aluminum based coagulant C3022 1 3

39. Coagulation – ferric based coagulant C3023 1 3

40. Other coagulant C3024 1 3

41. Enhanced coagulation C3025 1 3

42. Flocculation C3026 1 3

If 'yes', mark all those applied.

C3021

- 1 Orthophosphates
- 2 Polyphosphates
- 3 Silicates
- 4 Other

CLARIFICATION/SEDIMENTATION

43. Sedimentation – conventional, tube, plate or high rate C3027 1 3

44. Dissolved air flotation (DAF) – conventional or high rate C3028 1 3

45. Other clarification – (sludge blanket, pulsed blanket, ballasted, solids contact or other) C3029 1 3

continued on next page...

UNIT PROCESSES FOR WATER TREATMENT

PROCESS USED

YES NO

FILTRATION

- | | | | | | |
|--|-------|---|-----------------------|---|-----------------------|
| 46. Filtration – granular media (single, dual or triple media) | C3030 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--|-------|---|-----------------------|---|-----------------------|
| 47. Granular activated carbon – used as part of filter media | C3031 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|---|-------|---|-----------------------|---|-----------------------|
| 48. Granular activated carbon – used as separate unit process | C3032 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|---|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--|-------|---|-----------------------|---|-----------------------|
| 49. Filtration – membrane (microfiltration) – 0.1-10 microns | C3033 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--|-------|---|-----------------------|---|-----------------------|
| 50. Filtration – membrane (ultrafiltration) – 0.01-0.1 microns | C3034 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--------------------------------|-------|---|-----------------------|---|-----------------------|
| 51. Filtration – cartridge/bag | C3035 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--------------------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|----------------------------|-------|---|-----------------------|---|-----------------------|
| 52. Filtration – slow sand | C3036 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|----------------------------|-------|---|-----------------------|---|-----------------------|

OTHER PROCESSES

- | | | | | | |
|---|-------|---|-----------------------|---|-----------------------|
| 53. Aeration – transfer of oxygen or air to water | C3037 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|---|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|---|-------|---|-----------------------|---|-----------------------|
| 54. Air stripping – contacting water with air to transfer contaminants to air | C3038 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|---|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--------------------|-------|---|-----------------------|---|-----------------------|
| 55. Lime softening | C3039 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|-----------------------|-------|---|-----------------------|---|-----------------------|
| 56. Activated alumina | C3040 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|-----------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|------------------|-------|---|-----------------------|---|-----------------------|
| 57. Ion exchange | C3041 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|------------------|-------|---|-----------------------|---|-----------------------|
| 58. Sequestering | C3042 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--------------------------|-------|---|-----------------------|---|-----------------------|
| 59. Greensand filtration | C3043 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--------------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|-------------------------------|-------|---|-----------------------|---|-----------------------|
| 60. Powdered activated carbon | C3044 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|-------------------------------|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|--|-------|---|-----------------------|---|-----------------------|
| 61. Reverse osmosis or nano filtration | C3045 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|--|-------|---|-----------------------|---|-----------------------|
- | | | | | | |
|---|-------|---|-----------------------|---|-----------------------|
| 62. Other processes (<i>specify</i>): | C3046 | 1 | <input type="radio"/> | 3 | <input type="radio"/> |
|---|-------|---|-----------------------|---|-----------------------|

C3046

SECTION 4 – CAPITAL EXPENDITURES AND OPERATION AND MAINTENANCE COSTS

CAPITAL EXPENDITURES - WATER TREATMENT 2014 AND 2015

INSTRUCTIONS

- Report capitalized costs for 2014 and 2015 in Canadian dollars for the calendar year (January-December). If there are multiple water facilities/sources being reported for the facility identified on the mailing label, report the combined total for all associated sources.
- Provide capital costs related to the acquisition and treatment of source/raw water.
- **Exclude** costs associated with distribution.
- **Include** money spent to add, expand or upgrade physical assets such as:
 - » property
 - » buildings
 - » machinery
 - » processing equipment/infrastructure
- **Include** capitalized costs related to waste treatment processes (i.e. backwash/sludge processing and residuals disposal related to potable water production)
- **Include** construction and engineering costs such as:
 - » installation
 - » retrofitting
 - » contingencies
 - » contractor
 - » engineering
 - » legal and related administrative fees
- **Include** indirect costs related to capital expenditures such as:
 - » housing
 - » permitting
 - » land
 - » training
 - » piloting
 - » education

Two years of capital expenditures are being collected to produce a better time series data set.

		Millions	Thousands	Hundreds	Cents	
63a. 2014 CAPITAL EXPENDITURES	C4000	\$				X X
63b. 2015 CAPITAL EXPENDITURES	C4100	\$				X X

OPERATION AND MAINTENANCE COSTS - WATER TREATMENT 2015

INSTRUCTIONS

- Provide operation and maintenance costs for 2015 related to the acquisition and treatment of source/raw water. If there are multiple water facilities/sources being reported for the facility identified on the mailing label, report the combined total for all associated sources.
- **Exclude** costs associated with distribution.
- **Include** the following:
 - » materials (chemicals and replacement parts)
 - » labour (internal and external staff including laboratory personnel)
 - » energy
- **Include** other costs such as:
 - » waste disposal and residuals handling related to potable water production
 - » analytical/sampling costs
 - » any associated administration and service costs directly related to operation and maintenance (consultants, contractors)
 - » operation and maintenance costs related to waste treatment processes (i.e. backwash/sludge processing and residuals disposal related to potable water production)

64. 2015 OPERATION AND MAINTENANCE COSTS

		Millions	Thousands	Hundreds	Cents	
Materials (chemicals and replacement parts)	C4001	\$				X X
Labour (internal and external staff)	C4002	\$				X X
Energy	C4003	\$				X X
Other (specify):	C4004	C4005	\$			X X
TOTAL	C4006	\$				X X

SECTION 5 – RAW SURFACE WATER QUALITY DATA FOR 2015

INSTRUCTIONS

Report for surface water only

- Complete this section for raw surface water sources only. Do not report for groundwater, groundwater under the direct influence of surface water (GUDI), or treated surface water. If the plant does not process raw surface water, skip to question 68.

Purpose

- The purpose of this section is the compilation of source/raw water quality data comparable to the applicable limits in Provincial/Territorial and/or Guidelines for Canadian Drinking Water Quality (GCDWQ). Water quality data submitted should be comparable (based on method of testing) to these guidelines where applicable.
- If there are multiple water facilities/sources associated with the facility identified on the mailing label, complete this section for the facility that provides the largest portion of water by volume with available data that reflects the source/raw water quality processed by the facility.

Number of samples per month

- Provide the number of samples, minimum, maximum, and average values for the parameters identified. If the number of samples is large due to on-line metering, enter 999.
- Enter 0 for the number of samples if the parameter is not monitored.

Reporting water quality units

- Report each parameter only in the units indicated.
- Select the reporting units for *Escherichia coli* on page 10. If reporting presence/absence results, use the maximum column to report the number of positive samples (the average and minimum columns are not applicable for presence/absence results).

IMPORTANT: Any additional information or comments regarding the water quality data reported in this section should be provided in the comments section on page 13.

SECTION 5 – RAW SURFACE WATER QUALITY DATA FOR 2015

65. Report **monthly** values for *Escherichia coli* in **raw** water for 2015. See instructions on page 9.

***Escherichia coli* IN RAW WATER, 2015**

Select units reported:

- C5070 1 Colony forming units per 100 millilitres (cfu/100 mL)
 2 Most Probable Number per 100 millilitres (MPN/100 mL)
 3 Presence/Absence (P/A)

Month	Number of samples per month <i>(enter 0 if not sampled, 999 for continuous monitoring)</i>	Minimum value per month <i>(not applicable if reporting P/A)</i>	Maximum value per month <i>(Number of positive samples if reporting P/A)</i>	Average value per month <i>(not applicable if reporting P/A)</i>
-------	---	---	---	---

January	C5071	C5072	C5073	C5074
February	C5075	C5076	C5077	C5078
March	C5079	C5080	C5081	C5082
April	C5083	C5084	C5085	C5086
May	C5087	C5088	C5089	C5090
June	C5091	C5092	C5093	C5094
July	C5095	C5096	C5097	C5098
August	C5099	C5100	C5101	C5102
September	C5103	C5104	C5105	C5106
October	C5107	C5108	C5109	C5110
November	C5111	C5112	C5113	C5114
December	C5115	C5116	C5117	C5118

SECTION 5 – RAW SURFACE WATER QUALITY DATA FOR 2015

66. Report **monthly** values for turbidity of **raw** water for 2015. See instructions on page 9.

TURBIDITY OF RAW WATER, 2015				
Month	Number of samples per month <i>(enter 0 if not sampled, 999 for continuous monitoring)</i>	Minimum value per month	Maximum value per month	Average value per month
<i>Nephelometric turbidity units (NTU)</i>				
January	C5168 [][][]	C5169 [][][]	C5170 [][][]	C5171 [][][]
February	C5172 [][][]	C5173 [][][]	C5174 [][][]	C5175 [][][]
March	C5176 [][][]	C5177 [][][]	C5178 [][][]	C5179 [][][]
April	C5180 [][][]	C5181 [][][]	C5182 [][][]	C5183 [][][]
May	C5184 [][][]	C5185 [][][]	C5186 [][][]	C5187 [][][]
June	C5188 [][][]	C5189 [][][]	C5190 [][][]	C5191 [][][]
July	C5192 [][][]	C5193 [][][]	C5194 [][][]	C5195 [][][]
August	C5196 [][][]	C5197 [][][]	C5198 [][][]	C5199 [][][]
September	C5200 [][][]	C5201 [][][]	C5202 [][][]	C5203 [][][]
October	C5204 [][][]	C5205 [][][]	C5206 [][][]	C5207 [][][]
November	C5208 [][][]	C5209 [][][]	C5210 [][][]	C5211 [][][]
December	C5212 [][][]	C5213 [][][]	C5214 [][][]	C5215 [][][]

SECTION 5 – RAW SURFACE WATER QUALITY DATA FOR 2015

67. Report **monthly** values for temperature of **raw** water for 2015. See instructions on page 9.

TEMPERATURE OF RAW WATER, 2015				
Month	Number of samples per month <i>(enter 0 if not sampled, 999 for continuous monitoring)</i>	Minimum value per month	Maximum value per month	Average value per month
January	C5216 [][][]	C5217 [][][]	C5218 [][][]	C5219 [][][]
February	C5220 [][][]	C5221 [][][]	C5222 [][][]	C5223 [][][]
March	C5224 [][][]	C5225 [][][]	C5226 [][][]	C5227 [][][]
April	C5228 [][][]	C5229 [][][]	C5230 [][][]	C5231 [][][]
May	C5232 [][][]	C5233 [][][]	C5234 [][][]	C5235 [][][]
June	C5236 [][][]	C5237 [][][]	C5238 [][][]	C5239 [][][]
July	C5240 [][][]	C5241 [][][]	C5242 [][][]	C5243 [][][]
August	C5244 [][][]	C5245 [][][]	C5246 [][][]	C5247 [][][]
September	C5248 [][][]	C5249 [][][]	C5250 [][][]	C5251 [][][]
October	C5252 [][][]	C5253 [][][]	C5254 [][][]	C5255 [][][]
November	C5256 [][][]	C5257 [][][]	C5258 [][][]	C5259 [][][]
December	C5260 [][][]	C5261 [][][]	C5262 [][][]	C5263 [][][]

SECTION 6 – COMMENTS

68. Approximately how long did it take to collect the data and complete this survey?

	<i>Hour(s)</i>	<i>Minutes</i>
C9910	<input type="text"/>	C9909 <input type="text"/>

69. We invite your comments on any section of this survey below. Please be assured that we review all comments with the intent of improving the survey.

C9920

C9913

C9914

C9915

C9916

C9917

C9918

C9919

C9922

C9923

C9924

C9925

C9926

C9927

C9928

C9929

C9930

For information only

GENERAL INFORMATION

Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes. Statistics Canada will only share data from this survey with those organizations that have demonstrated a requirement to use the data.

Section 11 of the *Statistics Act* provides for the sharing of information with provincial and territorial statistical agencies that meet certain conditions. These agencies must have the legislative authority to collect the same information, on a mandatory basis, and the legislation must provide substantially the same provisions for confidentiality and penalties for disclosure of confidential information as the *Statistics Act*. Because these agencies have the legal authority to compel businesses to provide the same information, consent is not requested and businesses may not object to the sharing of the data.

For this survey, there are Section 11 agreements with the provincial and territorial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, and the Yukon. The shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.

Section 12 of the *Statistics Act* provides for the sharing of information with federal, provincial or territorial government organizations. Under Section 12, you may refuse to share your information with any of these organizations by writing a letter of objection to the Chief Statistician and returning it with the completed questionnaire. Please specify the organizations with which you do not want to share your data.

For this survey, there are Section 12 agreements with the statistical agencies of Prince Edward Island, the Northwest Territories and Nunavut as well as with Health Canada and Environment Canada.

For agreements with provincial and territorial government organizations, the shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.

Record Linkage

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

Lost the return envelope or need help?

Call us at **1-866-445-4323** or mail to:

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

Thank you for completing this questionnaire.

Please retain a copy for your records.

Visit our website at www.statcan.gc.ca