

Drinking Water Systems Regulation O. Reg. 170/03

Annual Report

Drinking Water System Number: 260 092 807
 Drinking Water System Name: Elgin Seniors Housing
 Drinking Water System Owner: Township of Rideau Lakes
 Drinking Water System Category: Small Non-Municipal Non-Residential
 Period being reported: Jan 1, 2025 - Dec 31, 2025

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u> Does your Drinking Water System serve more than 10,000 people? Yes () No () Is your annual report available to the public at no charge on a website on the internet? Yes () No () Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. _____ _____ _____ _____ _____ _____	<u>Complete for all other Categories</u> Number of Designated Facilities served: 1 Did you provide a copy of your annual report to all Designated Facilities you serve? Yes (X) No () Number of Interested Authorities you report to: 1 Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes (X) No ()
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List all Drinking Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and to whom you provide all of its drinking water?
 Yes () No ()

Indicate how you notified system users that your annual report is available, and is free of charge.

- () Public access/notice via the web
- () Public access/notice via Government Office
- () Public access/notice via newspaper
- () Public access/notice via Public Request
- () Public access/notice via Public Library
- (X) Public access/notice via other method: On site bulletin

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Describe your Drinking Water System

The drinking water system consists of a drilled well, with a train of two 5 micron filters and two UV units in each of 3 buildings on the site

List all water treatment chemicals used over this reporting period

Were any significant expenses incurred to?

- () Install required equipment
 () Repair required equipment
 () Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Provide details on the notices submitted in accordance with subsection 18 (1) of the Safe Drinking Water Act or section 16-4 of Schedule 16 of O.Reg. 170/03 and reported to Spills Action Center

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period

	# of Samples	Range of E.Coli or Fecal Results (min-max)	Range of Total Coliform Results (min-max)	Number of HPC Samples	Range of HPC Results (min-max)
Raw	13	0-0	0-0	n/a	n/a
Treated	4	n/a	n/a	n/a	n/a
Distribution	13	0-0	0-0	n/a	n/a

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Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

NOTE: For continuous monitors use 8760 as the number of samples

	# of Samples	Range of Results (min-max)
Turbidity	13	0.18-0.28 NTU
Chlorine	n/a	n/a
Fluoride (If the DWS provides fluoridation)	n/a	n/a

NOTE: Record the unit of measure if it is **not** milligrams per litre.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of measure

Summary of Inorganic Parameters tested during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of measure	Exceedence
Antimony Sb	May 4, 2022	<0.0005	mg/l	No
Arsenic As	May 4, 2022	<0.001	mg/l	No
Barium Ba	May 4, 2022	0.09	mg/l	No
Boron B	May 4, 2022	0.55	mg/l	No
Cadmium Cd	May 4, 2022	<0.0001	mg/l	No
Chromium Cr	May 4, 2022	<0.001	mg/l	No

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Lead	Sep 22, 2025	0.003/<0.001	mg/l	No
Mercury Hg	May 4, 2022	<0.0001	mg/l	No
Selenium Se	May 4, 2022	<0.001	mg/l	No
Sodium Na	May 4, 2022	15	mg/l	No
Uranium U	May 4, 2022	<0.001	mg/l	No
Fluoride F	May 4, 2022	0.44	mg/l	No
Nitrite	Sep 29, 2025	<0.10	mg/l	No
Nitrate	Sep 29, 2025	<0.10	mg/l	No

<u>Lead Sampling Status:</u> Regular <u>Next Sampling Date:</u>
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Summary of Organic Parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of measure	Exceedence
Alachlor	May 4, 2022	<0.5	µg/l	No
Atrazine + Metabolites	May 4, 2022	<1.0	µg/l	No
Azinphos-methyl	May 4, 2022	<2	µg/l	No
Benzo(a)pyrene	May 4, 2022	<0.01	µg/l	No
Bromoxynil	May 4, 2022	<0.5	µg/l	No
Carbaryl	May 4, 2022	<5	µg/l	No
Carbofuran	May 4, 2022	<5	µg/l	No
Chlorpyrifos	May 4, 2022	<1	µg/l	No
Diazinon	May 4, 2022	<1	µg/l	No
Dicamba	May 4, 2022	<1	µg/l	No
Dichlorophenol, 2, 4-	May 4, 2022	<	µg/l	No
Dichlorophenoxy acetic acid, 2, 4- (2, 4-D)	May 4, 2022	<1	µg/l	No

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Diclofop-methyl	May 4, 2022	0.9	µg/l	No
Dimethoate	May 4, 2022	<2.5	µg/l	No
Diuron	May 4, 2022	<10	µg/l	No
Malathion	May 4, 2022	<0.5	µg/l	No
MCPA	May 4, 2022	<10	µg/l	No
Metolachlor	May 4, 2022	<1	µg/l	No
Metribuzin	May 4, 2022	<5	µg/l	No
Pentachlorophenol	May 4, 2022	<1	µg/l	No
Phorate	May 4, 2022	<0.5	µg/l	No
Picloram	May 4, 2022	<5	µg/l	No
Prometryne	May 4, 2022	<0.25	µg/l	No
Simazine	May 4, 2022	<1	µg/l	No
Terbufos	May 4, 2022	<0.4	µg/l	No
Tetrachlorophenol 2, 3, 4, 6-	May 4, 2022	<1	µg/l	No
Triallate	May 4, 2022	<1	µg/l	No
Trichlorophenol 2, 4, 6-	May 4, 2022	<0.7	µg/l	No
Trifluralin	May 4, 2022	<1	µg/l	No
Poly-Chlorinated Bi phenyls (PCB's)	May 4, 2022	<0.1	µg/l	No
Diquat	May 4, 2022	<5	µg/l	No
Paraquat	May 4, 2022	<1	µg/l	No
Glyphosate	May 4, 2022	<10	µg/l	No
Benzene	May 4, 2022	<0.5	µg/l	No
Carbon Tetrachloride	May 4, 2022	<0.2	µg/l	No
Dichlorobenzene 1, 2-	May 4, 2022	<0.4	µg/l	No
Dichlorobenzene 1, 4-	May 4, 2022	<0.4	µg/l	No
Dichloroethane 1, 2-	May 4, 2022	<0.2	µg/l	No

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Dichloroethylene 1, 1-	May 4, 2022	<0.5	µg/l	No
Dichloromethane (Methylene Chloride)	May 4, 2022	<4	µg/l	No
Monochlorobenzene (Chlorobenzene)	May 4, 2022	<0.5	µg/l	No
Tetrachloroethylene	May 4, 2022	<0.3	µg/l	No
Trichloroethylene	May 4, 2022	<0.3	µg/l	No
Vinyl Chloride	May 4, 2022	<0.2	µg/l	No
Dichloroethane-d4 1,2-	May 4, 2022	117	%	No
Bromofluorobenzene 4-	May 4, 2022	96	%	No
Toluene-d8	May 4, 2022	109	%	No
Tribromophenol	May 4, 2022	54	%	No
p-Terphenyl-d14	May 4, 2022	106	%	No
Triphenylphosphate	May 4, 2022	115	%	No
Decachlorobiphenyl	May 4, 2022	122	%	No

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample

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Drinking Water System Number: 260 020 852
 Drinking Water System Name: North Crosby Garage
 Drinking Water System Owner: Township of Rideau Lakes
 Drinking Water System Category: Small Non-Municipal Non-Residential
 Period being reported: Apr 1, 2025 - March 31, 2026

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u>	<u>Complete for all other Categories</u>
Does your Drinking Water System serve more than 10,000 people? Yes () No () Is your annual report available to the public at no charge on a website on the internet? Yes () No () Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. _____ _____ _____ _____ _____ _____	Number of Designated Facilities served: <u>1</u> Did you provide a copy of your annual report to all Designated Facilities you serve? Yes (X) No () Number of Interested Authorities you report to: 1 Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes (X) No ()

List all Drinking Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and to whom you provide all of its drinking water?
 Yes () No ()

Indicate how you notified system users that your annual report is available, and is free of charge.

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- () Public access/notice via newspaper
- () Public access/notice via Public Request
- () Public access/notice via Public Library
- (X) Public access/notice via other method: On site bulletin

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Describe your Drinking Water System

The drinking water system consists of a drilled well, water softener, followed by one 5 micron filter and one UV unit

List all water treatment chemicals used over this reporting period

Water Softener salt

Were any significant expenses incurred to?

- () Install required equipment
- () Repair required equipment
- () Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Provide details on the notices submitted in accordance with subsection 18 (1) of the Safe Drinking Water Act or section 16-4 of Schedule 16 of O.Reg. 170/03 and reported to Spills Action Center

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
Apr 27, 2022	Sodium	34	mg/l	Resample & retest	

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period

	# of Samples	Range of E.Coli or Fecal Results (min-max)	Range of Total Coliform Results (min-max)	Number of HPC Samples	Range of HPC Results (min-max)
Raw	13	0-0	0-0	n/a	n/a
Treated	4	n/a	n/a	n/a	n/a
Distribution	13	0-0	0-0	n/a	n/a

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Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

NOTE: For continuous monitors use 8760 as the number of samples

	# of Samples	Range of Results (min-max)
Turbidity	13	0.14-0.36 NTU
Chlorine	n/a	n/a
Fluoride (If the DWS provides fluoridation)	n/a	n/a

NOTE: Record the unit of measure if it is **not** milligrams per litre.

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of measure

Summary of Inorganic Parameters tested during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of measure	Exceedence
Antimony Sb	Apr 27, 2022	<0.0005*	mg/l	No
Arsenic As	Apr 27, 2022	<0.001*	mg/l	No
Barium Ba	Apr 27, 2022	0.17*	mg/l	No
Boron B	Apr 27, 2022	0.05*	mg/l	No
Cadmium Cd	Apr 27, 2022	<0.0001*	mg/l	No
Chromium Cr	Apr 27, 2022	<0.001*	mg/l	No
Lead Standing	Mar 25, 2026	<0.001	mg/l	No

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Lead Flushed	Mar 25, 2026	<0.001	mg/l	No
Mercury Hg	Apr 27, 2022	<0.0001*	mg/l	No
Selenium Se	Apr 27, 2022	<0.001*	mg/l	No
Sodium Na	Apr 27, 2022	34	mg/l	Yes
Uranium U	Apr 27, 2022	<0.001*	mg/l	No
Fluoride F	Apr 27, 2022	<0.10	mg/l	No
Nitrite	Jan 19, 2026	<0.10	mg/l	No
Nitrate	Jan 19, 2026	2.28	mg/l	No

Lead Sampling Status: Reg 243 Next Sampling Date: May 1, 2025 - Oct. 31, 2027

Summary of Organic Parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of measure	Exceedence
Alachlor	Apr 27, 2022	<0.5*	µg/l	No
Atrazine + Metabolites	Apr 27, 2022	<1.0*	µg/l	No
Azinphos-methyl	Apr 27, 2022	<2*	µg/l	No
Benzo(a)pyrene	Apr 27, 2022	<0.01*	µg/l	No
Bromoxynil	Apr 27, 2022	<0.5*	µg/l	No
Carbaryl	Apr 27, 2022	<5*	µg/l	No
Carbofuran	Apr 27, 2022	<5*	µg/l	No
Chlorpyrifos	Apr 27, 2022	<1*	µg/l	No
Diazinon	Apr 27, 2022	<1*	µg/l	No
Dicamba	Apr 27, 2022	<1*	µg/l	No
Dichlorophenol, 2, 4-	Apr 27, 2022	<1*	µg/l	No
Dichlorophenoxy acetic acid, 2, 4- (2, 4-D)	Apr 27, 2022	<1*	µg/l	No

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Diclofop-methyl	Apr 27, 2022	0.9*	µg/l	No
Dimethoate	Apr 27, 2022	<2.5*	µg/l	No
Diuron	Apr 27, 2022	<10*	µg/l	No
Malathion	Apr 27, 2022	<0.5*	µg/l	No
MCPA	Apr 27, 2022	<10*	µg/l	No
Metolachlor	Apr 27, 2022	<1*	µg/l	No
Metribuzin	Apr 27, 2022	<5*	µg/l	No
Pentachlorophenol	Apr 27, 2022	<1*	µg/l	No
Phorate	Apr 27, 2022	<0.5*	µg/l	No
Picloram	Apr 27, 2022	<5*	µg/l	No
Prometryne	Apr 27, 2022	<0.25*	µg/l	No
Simazine	Apr 27, 2022	<1*	µg/l	No
Terbufos	Apr 27, 2022	<0.4*	µg/l	No
Tetrachlorophenol 2, 3, 4, 6-	Apr 27, 2022	<1*	µg/l	No
Triallate	Apr 27, 2022	<1*	µg/l	No
Trichlorophenol 2, 4, 6-	Apr 27, 2022	<0.7*	µg/l	No
Trifluralin	Apr 27, 2022	<1*	µg/l	No
Poly-Chlorinated Bi phenyls (PCB's)	Apr 27, 2022	<0.1*	µg/l	No
Diquat	Apr 27, 2022	<5*	µg/l	No
Paraquat	Apr 27, 2022	<1*	µg/l	No
Glyphosate	Apr 27, 2022	<10*	µg/l	No
Benzene	Apr 27, 2022	<0.5*	µg/l	No
Carbon Tetrachloride	Apr 27, 2022	<0.2*	µg/l	No
Dichlorobenzene 1, 2-	Apr 27, 2022	<0.4*	µg/l	No
Dichlorobenzene 1, 4-	Apr 27, 2022	<0.4*	µg/l	No
Dichloroethane 1, 2-	Apr 27, 2022	<0.2*	µg/l	No

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Dichloroethylene 1, 1-	Apr 27, 2022	<0.5*	µg/l	No
Dichloromethane (Methylene Chloride)	Apr 27, 2022	<4*	µg/l	No
Monochlorobenzene (Chlorobenzene)	Apr 27, 2022	<0.5*	µg/l	No
Tetrachloroethylene	Apr 27, 2022	<0.3*	µg/l	No
Trichloroethylene	Apr 27, 2022	<0.3*	µg/l	No
Vinyl Chloride	Apr 27, 2022	<0.2*	µg/l	No
Dichloroethane-d4 1,2-	Apr 27, 2022	100*	%	No
Bromofluorobenzene 4-	Apr 27, 2022	93*	%	No
Toluene-d8	Apr 27, 2022	98*	%	No
Tribromophenol	Apr 27, 2022	54	%	No
p-Terphenyl-d14	Apr 27, 2022	106	%	No
Triphenylphosphate	Apr 27, 2022	115	%	No
Decachlorobiphenyl	Apr 27, 2022	122	%	No

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample