



Ontario Clean Water Agency
Agence Ontarienne Des Eaux



Annual Performance Report

Kingsville Distribution System

Drinking Water System # 220003403

2024

Prepared for the Corporation of the Town of Kingsville

By the Ontario Clean Water Agency

ANNUAL REPORT

Drinking Water System Number:	220003403
Drinking Water System Name:	Kingsville Distribution System (Union WSS)
Drinking Water System Owner:	The Corporation of The Town of Kingsville
Drinking Water System Category:	Large Municipal Residential
Period being reported:	01-January-2024 to 31-December 2024

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking Water System serve more than 10,000 people? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Town of Kingsville Municipal Office 2021 Division Rd. North, Kingsville, Ontario</p> </div>	<p><u>Complete for all other Categories</u></p> <p>Number of Designated Facilities served: <input type="text" value="N/A"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input type="text" value="N/A"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input type="checkbox"/></p>
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Note: For the following tables below, additional rows or columns may be added, or an appendix may be attached to the report

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

Drinking Water System Name	Drinking Water System Number
N/A	N/A

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 drinking water? Yes No [N/A]

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 a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method ___ as, and when requested

Describe your Drinking Water System

Distribution only.
Water Distribution Class II serving approximately 19,781 people through 8242 residential service connections from approximately 321 km's of distribution watermain

List all water treatment chemicals used over this reporting period

N/A

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

Road 2 Reconstruction / Watermain = \$15,513
Water Metre Upgrade Project = \$3,624,321
Banner Subdivision Watermain Replacement – ICIP Grant = \$796,746
South West Watermain Engineering = \$6,182
Fleet – International Dumptruck = \$56,005

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 Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
July 25, 2024	Low Pressure	Pressure <20 psi	psi	BacT Samples	July 29, 2024

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

	Number of Samples	Range of E. Coli Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	See annual report for the Union Water Supply System # 210000853				
Treated	See annual report for the Union Water Supply System # 210000853				
Distribution	463	0-0	0-0	204	<10 - 70

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

	Number of Grab Samples	Range of Results (min #)-(max #)	Unit of Measure
Turbidity	Please see the Annual Report for the Union Water Supply System # 210000853		
Chlorine	619	0.73 - 1.81	mg/L
Fluoride (If the DWS provides fluoridation)	N/A		

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

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
None				

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Nitrite (N)	08-Jan-2024	<0.05	mg/L	No
Nitrate (N)		0.47	mg/L	No
Ammonia N-Total		<0.05	mg/L	No
Nitrite (N)	03-Apr-2024	<0.05	mg/L	No
Nitrate (N)		0.68	mg/L	No
Ammonia N-Total		0.12	mg/L	No
Nitrite (N)	03-July-2024	< 0.05	mg/L	No
Nitrate (N)		0.37	mg/L	No
Ammonia N-Total		<0.05	mg/L	No
Nitrite (N)	02-Oct-2024	<0.05	mg/L	No
Nitrate (N)		0.12	mg/L	No
Ammonia N-Total		<0.05	mg/L	No

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Plumbing	N/A	N/A	N/A	N/A
Distribution - Lead	N/A	N/A	N/A	N/A
Distribution - Alkalinity	8	84 – 92	mg/L	N/A
Distribution - pH	8	7.31 – 7.50	N/A	N/A

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM	Annual Average	27.5	ug/L	No
HAA	Annual Average	10.2	ug/L	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
None			