2025

Water Quality Report

For

The City of Stratford

Water Distribution and Supply

Infrastructure Services

February 28, 2026

Infrastructure
Services Department
82 Erie Street, 3rd Floor
Stratford ON N5A 2M4
(519) 271-0250 Ext. 222
www.stratford.ca

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Dear Water Consumer,

The Water Division is pleased to provide the 2025 Annual Water Quality Report for the City of Stratford Distribution and Supply water system.

The report, as required by Regulation 170/03 of the Safe Drinking Water Act, contains information related to water quality in the City of Stratford.

The report must be made available annually by February 28 and can be found on the City of Stratford website at:

https://www.stratford.ca/en/live-here/waterannualreports.aspx

If you have any questions or would like copies of the report, please call 519-271-0250 ext. 5222 or the report can be viewed at the Infrastructure Services Department, City Annex, 82 Erie Street, 3rd Floor, Stratford.

Yours truly,

Sean Beech
Manager of Environmental Services

Annual Report

Drinking-Water System Number: 220000530
Drinking-Water System Name: Stratford Drinking Water System
Drinking-Water System Owner: Corporation of the City of Stratford
Drinking-Water System Category: Large Municipal Residential
Period Being Reported: January 1 to December 31, 2025

Does your Drinking-Water System serve more than 10,000 people?

Yes

Is your annual report available to the public at no charge on a website?

Yes

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection:

On-line at: https://www.stratford.ca/en/live-here/waterannualreports.aspx, or contact the City of Stratford Infrastructure Services, Water Division at 519-271-0250, extension 5222.

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
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 of its drinking water?

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: Yes
- Public access/notice via Government Website: Yes
- Public access/notice via a newspaper: No
- Public access/notice via Public Request: Yes
- Public access/notice via a Public Library: No

- Public access/notice via other method: Yes, Social Media

Describe Your Drinking-Water System:

- **Chestnut Street Well and Pumphouse:** Raw water is pumped with one submersible well pump directly into a 131.5m^3 raw water reservoir (chlorine contact chamber). As flow enters the raw water reservoir (chlorine contact chamber) it is injected with chlorine gas for primary disinfection, where it then flows into a 59m^3 clear well to achieve sufficient chlorine contact time. Treated water is then distributed to the distribution system by one vertical turbine High Lift pump. Free Chlorine Analyzer continuously monitors chlorine residuals prior to the distribution system. The facility is monitored through the SCADA system. During regular working hours the facility is monitored by operational staff and remotely through an emergency after-hours alarm system.

- **Mornington Street Well and Pumphouse:** Raw water is pumped with one submersible well pump directly into a 50m^3 raw water reservoir. As flow enters the raw water reservoir it is injected with chlorine gas for primary disinfection, where it then flows into a 118.3m^3 clear well to achieve sufficient chlorine contact time. Treated water is then distributed to the distribution system by one vertical turbine High Lift pump. A Free Chlorine Analyzer continuously monitors chlorine residuals prior to the distribution system. The facility is monitored through the SCADA system. During regular working hours the facility is monitored by operational staff and remotely through an emergency after-hours alarm system.

- **Lorne Avenue Well and Pumphouse:** Raw water is pumped with one submersible well pump directly into a 30m^3 concrete pressure chamber which also acts as the chlorine contact chamber. Prior to flow entering the concrete pressure chamber, it is injected with chlorine gas for primary disinfection. To achieve sufficient chlorine, contact time the concrete pressure chamber is equipped with two internal and external perforated baffles. Treated water is then distributed to the distribution system through a gate valve and a connection to the existing watermain. Free Chlorine Analyzer continuously monitors chlorine residuals prior to the distribution system. The facility is monitored through the SCADA system. During regular working hours the facility is monitored by operational staff and remotely through an emergency after-hours alarm system. This site has no emergency standby power on-site but is equipped with a main power electrical transfer switch and connection for use of a 15kW portable generator available for standby power at 161 Wellington Street in emergency conditions.

- **Dunn Road Well and Pumphouse:** Raw water is pumped with one submersible well pump directly into an 89.5m^3 concrete pressure chamber which also acts as the chlorine contact chamber. Prior to flow entering the concrete pressure chamber it is injected with chlorine gas for primary disinfection. To achieve sufficient chlorine, contact time the concrete pressure chamber is equipped with three

internal perforated baffles. Treated water is then distributed to the distribution system through a gate valve and a connection to the existing watermain. Free Chlorine Analyzer continuously monitors chlorine residuals prior to the distribution system. The facility is monitored through the SCADA system. During regular working hours the facility is monitored by operational staff and remotely through an emergency after-hours alarm system. This site has no emergency standby power on-site but is equipped with a main power electrical transfer switch and connection for use of a 15kW portable generator available for standby power at 161 Wellington Street in emergency conditions.

- **O'Loane Avenue Well and Pumphouse:** Raw water is pumped with one submersible well pump directly into a 54.2m^3 concrete pressure chamber which also acts as the chlorine contact chamber. Prior to flow entering the concrete pressure chamber it is injected with chlorine gas for primary disinfection. The concrete pressure chamber provides sufficient chlorine contact time. Treated water is then distributed to the distribution system through a gate valve and a connection to the existing watermain. Free Chlorine Analyzer continuously monitors chlorine residuals prior to the distribution system. The facility is monitored through the SCADA system. During regular working hours the facility is monitored by operational staff and remotely through an emergency after-hours alarm system.

- **Romeo Street Pumping Station:** Raw water is received from 6 Raw Water Field Wells; each field well is equipped with submersible pumps. Flows are then pumped directly into a 450.2m^3 treatment well which then flows into a 7,500m^3 inground storage reservoir for chlorine contact time. Prior to flow entering the treatment well, it is injected with chlorine gas for primary disinfection. For additional chlorine contact time, flow continues into a 521.8m^3 storage well followed by a 289.4m^3 clear well, all of which provide sufficient contact time. The well water at Romeo Street Pumping Station has iron levels higher than what is considered aesthetically acceptable. The well house provides chemically assisted iron sequestering by the addition of sodium silicate. Sodium silicate is injected prior to the point of entry to the treatment well.

  Treated water is then distributed to the distribution system by three vertical turbine High Lift pumps and one vertical turbine fire pump. Free Chlorine Analyzers continuously monitor chlorine residuals prior to the distribution system. The facility is monitored through the SCADA system. During regular working hours the facility is monitored by operational staff and remotely through an emergency after-hours alarm system. This is standby power provided but a 600-kW diesel generator.

- **The City of Stratford Distribution System** consists of 203km of cast iron, ductile, steel and PVC water main, varying in size from 100mm to 400mm. It includes 1850 main valves, 1060 public fire hydrants and 12,650 service connections. There are two water towers located in the distribution system that provide both storage and pressure stability. The Dufferin Water Tower has a

capacity of 3,790m^3 and is equipped with an analyzer for continuous monitoring of the level of chlorine. The Forman Water Tower has a capacity of 5,680m^3.

List all water treatment chemicals used over this reporting period:

Chlorine Gas & Sodium Silicate (Sodium Silicate is only used at the Romeo Street Pumping Station).

Were any significant expenses incurred to:

- Install required equipment? Yes
- Repair required equipment? Yes
- Replace required equipment? Yes

Please provide a brief description and a breakdown of monetary expenses incurred in 2025:

1. Flowmeter for O'Loane Pumphouse
    a. Replacement of a flowmeter in O'Loane Pumphouse.
    b. **Total Cost: $4900.00**

2. Romeo Control Center VFD
    a. Replacement of a VFD (Variable Frequency Drive) in Romeo Control Center.
    b. **Total Cost: $3500**

3. Chestnut PLC Upgrade
    a. Upgrade to the PLC (Programmable Logic Controller) at Chestnut Pumphouse.
    b. **Total Cost: $17,500**

4. 2025 Capital Projects
    a. Forman Tower Rehabilitation.
        i. **Total Cost to Date (Water Related): $109,625**

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 (Y/M/D)	Parameter	Result	Units	Corrective Action	Corrective Action Date (Y/M/D)
No incidents	-	-	-	-	-

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

Water Source	Number of Samples	Range of E. Coli Or Fecal Results (cfu/100mL)	Range of Total Coliform Results (cfu/100mL)	Number of HPC Samples	Range of HPC Results (cfu/100mL)
Raw	499	0	0 - 69	499	<10 - 370
Treated	263	0	0	263	<10 - 30
Distribution	570	0	0	570	<10 – 170

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

Operational Testing	Number of Grab Samples	Range of Results
Turbidity (Raw)	988	0.06 – 0.97 NTU
Chlorine	>8760	0.00 – 2.20
Fluoride (If the DWS provides fluoridation)	DWS does not provide fluoridation.	DWS does not provide fluoridation.

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
N/A	N/A	N/A	N/A	N/A

Not applicable; no additional testing or sampling required.

Summary of Inorganic parameters tested during this reporting period or the most recent sample results *(Note: ND=Below Method Detection Limit)*

Chestnut Street Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	19/09/25	offline	ug/L	-
Arsenic	19/09/25	offline	ug/L	-
Barium	19/09/25	offline	ug/L	-
Boron	19/09/25	offline	ug/L	-
Cadmium	19/09/25	offline	ug/L	-
Chromium	19/09/25	offline	ug/L	-
Mercury	19/09/25	offline	ug/L	-
Selenium	19/09/25	offline	ug/L	-
Sodium	19/09/25	offline	mg/L	-
Uranium	19/09/25	offline	ug/L	-
Fluoride	19/09/25	offline	mg/L	-
Nitrite	20/03/25	ND	mg/L	NO
Nitrite	09/07/25	offline	mg/L	-
Nitrite	19/09/25	offline	mg/L	-
Nitrite	11/12/24	offline	mg/L	-
Nitrate	20/03/25	ND	mg/L	NO
Nitrate	09/07/25	offline	mg/L	-
Nitrate	19/09/25	offline	mg/L	-
Nitrate	11/12/24	offline	mg/L	-

Mornington Street Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	19/09/25	ND	ug/L	NO
Arsenic	19/09/25	0.4	ug/L	NO
Barium	19/09/25	102	ug/L	NO
Boron	19/09/25	93	ug/L	NO
Cadmium	19/09/25	ND	ug/L	NO
Chromium	19/09/25	0.09	ug/L	NO
Mercury	19/09/25	ND	ug/L	NO
Selenium	19/09/25	ND	ug/L	NO
Sodium	19/09/25	24.9	mg/L	YES >20mg/L*
Uranium	19/09/25	0.084	ug/L	NO
Fluoride	19/09/25	1.95	mg/L	YES >1.5mg/L
Nitrite	20/03/25	ND	mg/L	NO
Nitrite	09/07/25	ND	mg/L	NO
Nitrite	19/09/25	ND	mg/L	NO
Nitrite	11/12/24	ND	mg/L	NO
Nitrate	20/03/25	ND	mg/L	NO
Nitrate	09/07/25	ND	mg/L	NO
Nitrate	14/09/23	ND	mg/L	NO
Nitrate	11/12/24	ND	mg/L	NO

Lorne Avenue Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	19/09/25	ND	ug/L	NO
Arsenic	19/09/25	1.0	ug/L	NO
Barium	19/09/25	174	ug/L	NO
Boron	19/09/25	77	ug/L	NO
Cadmium	19/09/25	ND	ug/L	NO
Chromium	19/09/25	0.08	ug/L	NO
Mercury	19/09/25	ND	ug/L	NO
Selenium	19/09/25	ND	ug/L	NO
Sodium	19/09/25	22.3	mg/L	YES >20mg/L*
Uranium	19/09/25	0.087	ug/L	NO
Fluoride	19/09/25	2.34	mg/L	YES >1.5mg/L
Nitrite	20/03/25	ND	mg/L	NO
Nitrite	09/07/25	ND	mg/L	NO
Nitrite	19/09/25	ND	mg/L	NO
Nitrite	11/12/24	ND	mg/L	NO
Nitrate	20/03/25	ND	mg/L	NO
Nitrate	09/07/25	ND	mg/L	NO
Nitrate	19/09/25	ND	mg/L	NO
Nitrate	11/12/24	ND	mg/L	NO

Dunn Road Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	19/09/25	ND	ug/L	NO
Arsenic	19/09/25	1.3	ug/L	NO
Barium	19/09/25	167	ug/L	NO
Boron	19/09/25	86	ug/L	NO
Cadmium	19/09/25	ND	ug/L	NO
Chromium	19/09/25	0.09	ug/L	NO
Mercury	19/09/25	ND	ug/L	NO
Selenium	19/09/25	0.04	ug/L	NO
Sodium	19/09/25	19.3	mg/L	NO
Uranium	19/09/25	0.098	ug/L	NO
Fluoride	19/09/25	1.72	mg/L	YES >1.5mg/L
Nitrite	20/03/25	ND	mg/L	NO
Nitrite	09/07/25	0.019	mg/L	NO
Nitrite	19/09/25	ND	mg/L	NO
Nitrite	11/12/24	ND	mg/L	NO
Nitrate	20/03/25	ND	mg/L	NO
Nitrate	09/07/25	ND	mg/L	NO
Nitrate	19/09/25	ND	mg/L	NO
Nitrate	11/12/24	ND	mg/L	NO

O'Loane Avenue Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	19/09/25	ND	ug/L	NO
Arsenic	19/09/25	ND	ug/L	NO
Barium	19/09/25	241	ug/L	NO
Boron	19/09/25	60	ug/L	NO
Cadmium	19/09/25	ND	ug/L	NO
Chromium	19/09/25	0.12	ug/L	NO
Mercury	19/09/25	ND	ug/L	NO
Selenium	19/09/25	ND	ug/L	NO
Sodium	19/09/25	17.9	mg/L	NO
Uranium	19/09/25	0.087	ug/L	NO
Fluoride	19/09/25	2.34	mg/L	YES >1.5mg/L
Nitrite	20/03/25	ND	mg/L	NO
Nitrite	09/07/25	ND	mg/L	NO
Nitrite	19/09/25	ND	mg/L	NO
Nitrite	11/12/24	ND	mg/L	NO
Nitrate	20/03/25	0.129	mg/L	NO
Nitrate	09/07/25	ND	mg/L	NO
Nitrate	19/09/25	ND	mg/L	NO
Nitrate	11/12/24	ND	mg/L	NO

Romeo Street Pumping Station

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	19/09/25	ND	ug/L	NO
Arsenic	19/09/25	ND	ug/L	NO
Barium	19/09/25	71	ug/L	NO
Boron	19/09/25	94	ug/L	NO
Cadmium	19/09/25	ND	ug/L	NO
Chromium	19/09/25	ND	ug/L	NO
Mercury	19/09/25	ND	ug/L	NO
Selenium	19/09/25	ND	ug/L	NO
Sodium	19/09/25	18.6	mg/L	NO
Uranium	19/09/25	0.107	ug/L	NO
Fluoride	19/09/25	1.60	mg/L	YES >1.5mg/L
Nitrite	20/03/25	ND	mg/L	NO
Nitrite	09/07/25	ND	mg/L	NO
Nitrite	19/09/25	ND	mg/L	NO
Nitrite	11/12/24	ND	mg/L	NO
Nitrate	20/03/25	ND	mg/L	NO
Nitrate	09/07/25	ND	mg/L	NO
Nitrate	19/09/25	0.034	mg/L	NO
Nitrate	11/12/24	ND	mg/L	NO

*There is no health-related limit set for sodium, however, levels of greater than 20 mg/L are reported to the Local Medical Office of Health and MECP every five years.

Distribution System

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Lead (Forman Tower)	19/09/25	ND	ug/L	NO
Lead (Dufferin Tower)	19/09/25	ND	ug/L	NO

Summary of lead testing under Schedule 15.1 during this reporting period

Location Type	Number of Samples	Range of Lead Results (min# – max #) (ug/L)	Number of Exceedances
Distribution (Winter)	8	0.01 – 0.51	0
Distribution (Summer)	8	0.01 – 0.60	0

Note: The City of Stratford qualifies for reduced sampling/plumbing exempt. Next lead testing will be conducted in 2027.

Summary of Organic parameters sampled during this reporting period or the most recent sample results *(Note: ND=Below Method Detection Limit)*

Chestnut Street Well and Pumphouse

*Note: Chestnut has been offline since 2nd quarter of 2025 due to communication issues.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	19/09/25	offline	ug/L	-
Atrazine + N-dealkylated metabolites	19/09/25	offline	ug/L	-
Atrazine	19/09/25	offline	ug/L	-
Desethyl atrazine	19/09/25	offline	ug/L	-
Azinphos-methyl	19/09/25	offline	ug/L	-
Benzene	19/09/25	offline	ug/L	-
Benzo(a)pyrene	19/09/25	offline	ug/L	-
Bromoxynil	19/09/25	offline	ug/L	-
Carbaryl	19/09/25	offline	ug/L	-
Carbofuran	19/09/25	offline	ug/L	-
Carbon Tetrachloride	19/09/25	offline	ug/L	-
Chlorpyrifos	19/09/25	offline	ug/L	-
Diazinon	19/09/25	offline	ug/L	-
Dicamba	19/09/25	offline	ug/L	-
1,2-Dichlorobenzene	19/09/25	offline	ug/L	-
1,4-Dichlorobenzene	19/09/25	offline	ug/L	-
1,2-Dichloroethane	19/09/25	offline	ug/L	-
1,1-Dichloroethylene (vinylidene chloride)	19/09/25	offline	ug/L	-
Dichloromethane	19/09/25	offline	ug/L	-
2-4 Dichlorophenol	19/09/25	offline	ug/L	-
2,4-Dichlorophenoxy acetic acid (2,4-D)	19/09/25	offline	ug/L	-
Diclofop-methyl	19/09/25	offline	ug/L	-
Dimethoate	19/09/25	offline	ug/L	-
Diquat	19/09/25	offline	ug/L	-
Diuron	19/09/25	offline	ug/L	-
Glyphosate	19/09/25	offline	ug/L	-
Malathion	19/09/25	offline	ug/L	-
MCPA	19/09/25	offline	mg/L	-
Metolachlor	19/09/25	offline	ug/L	-
Metribuzin	19/09/25	offline	ug/L	-
Monochlorobenzene	19/09/25	offline	ug/L	-
Paraquat	19/09/25	offline	ug/L	-
Pentachlorophenol	19/09/25	offline	ug/L	-
Phorate	19/09/25	offline	ug/L	-

Picloram	19/09/25	offline	ug/L	-
Polychlorinated Biphenyls(PCB)	19/09/25	offline	ug/L	-
Prometryn	19/09/25	offline	ug/L	-
Simazine	19/09/25	offline	ug/L	-
Terbufos	19/09/25	offline	ug/L	-
Tetrachloroethylene	19/09/25	offline	ug/L	-
2,3,4,6-Tetrachlorophenol	19/09/25	offline	ug/L	-
Triallate	19/09/25	offline	ug/L	-
Trichloroethylene	19/09/25	offline	ug/L	-
2,4,6-Trichlorophenol	19/09/25	offline	ug/L	-
Trifluralin	19/09/25	offline	ug/L	-
Vinyl Chloride	19/09/25	offline	ug/L	-

Mornington Street Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	19/09/25	ND	ug/L	NO
Atrazine + N-dealkylated metabolites	19/09/25	ND	ug/L	NO
Atrazine	19/09/25	ND	ug/L	NO
Desethyl atrazine	19/09/25	ND	ug/L	NO
Azinphos-methyl	19/09/25	ND	ug/L	NO
Benzene	19/09/25	ND	ug/L	NO
Benzo(a)pyrene	19/09/25	ND	ug/L	NO
Bromoxynil	19/09/25	ND	ug/L	NO
Carbaryl	19/09/25	ND	ug/L	NO
Carbofuran	19/09/25	ND	ug/L	NO
Carbon Tetrachloride	19/09/25	ND	ug/L	NO
Chlorpyrifos	19/09/25	ND	ug/L	NO
Diazinon	19/09/25	ND	ug/L	NO
Dicamba	19/09/25	ND	ug/L	NO
1,2-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,4-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,2-Dichloroethane	19/09/25	ND	ug/L	NO
1,1-Dichloroethylene (vinylidene chloride)	19/09/25	ND	ug/L	NO
Dichloromethane	19/09/25	ND	ug/L	NO
2-4 Dichlorophenol	19/09/25	ND	ug/L	NO
2,4-Dichlorophenoxy acetic acid (2,4-D)	19/09/25	ND	ug/L	NO
Diclofop-methyl	19/09/25	ND	ug/L	NO
Dimethoate	19/09/25	ND	ug/L	NO

Diquat	19/09/25	ND	ug/L	NO
Diuron	19/09/25	ND	ug/L	NO
Glyphosate	19/09/25	ND	ug/L	NO
Malathion	19/09/25	ND	ug/L	NO
MCPA	19/09/25	ND	mg/L	NO
Metolachlor	19/09/25	ND	ug/L	NO
Metribuzin	19/09/25	ND	ug/L	NO
Monochlorobenzene	19/09/25	ND	ug/L	NO
Paraquat	19/09/25	ND	ug/L	NO
Pentachlorophenol	19/09/25	ND	ug/L	NO
Phorate	19/09/25	ND	ug/L	NO
Picloram	19/09/25	ND	ug/L	NO
Polychlorinated Biphenyls(PCB)	19/09/25	ND	ug/L	NO
Prometryn	19/09/25	ND	ug/L	NO
Simazine	19/09/25	ND	ug/L	NO
Terbufos	19/09/25	ND	ug/L	NO
Tetrachloroethylene	19/09/25	ND	ug/L	NO
2,3,4,6-Tetrachlorophenol	19/09/25	ND	ug/L	NO
Triallate	19/09/25	ND	ug/L	NO
Trichloroethylene	19/09/25	ND	ug/L	NO
2,4,6-Trichlorophenol	19/09/25	ND	ug/L	NO
Trifluralin	19/09/25	ND	ug/L	NO
Vinyl Chloride	19/09/25	ND	ug/L	NO

Lorne Avenue Well and Pumphouse

Parameter	Sample Date	**Result Value**	Unit of Measure	Exceedance
Alachlor	19/09/25	ND	ug/L	NO
Atrazine + N-dealkylated metabolites	19/09/25	ND	ug/L	NO
Atrazine	19/09/25	ND	ug/L	NO
Desethyl atrazine	19/09/25	ND	ug/L	NO
Azinphos-methyl	19/09/25	ND	ug/L	NO
Benzene	19/09/25	ND	ug/L	NO
Benzo(a)pyrene	19/09/25	ND	ug/L	NO
Bromoxynil	19/09/25	ND	ug/L	NO
Carbaryl	19/09/25	ND	ug/L	NO
Carbofuran	19/09/25	ND	ug/L	NO
Carbon Tetrachloride	19/09/25	ND	ug/L	NO
Chlorpyrifos	19/09/25	ND	ug/L	NO
Diazinon	19/09/25	ND	ug/L	NO
Dicamba	19/09/25	ND	ug/L	NO

1,2-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,4-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,2-Dichloroethane	19/09/25	ND	ug/L	NO
1,1-Dichloroethylene (vinylidene chloride)	19/09/25	ND	ug/L	NO
Dichloromethane	19/09/25	ND	ug/L	NO
2-4 Dichlorophenol	19/09/25	ND	ug/L	NO
2,4-Dichlorophenoxy acetic acid (2,4-D)	19/09/25	ND	ug/L	NO
Diclofop-methyl	19/09/25	ND	ug/L	NO
Dimethoate	19/09/25	ND	ug/L	NO
Diquat	19/09/25	ND	ug/L	NO
Diuron	19/09/25	ND	ug/L	NO
Glyphosate	19/09/25	ND	ug/L	NO
Malathion	19/09/25	ND	ug/L	NO
MCPA	19/09/25	ND	mg/L	NO
Metolachlor	19/09/25	ND	ug/L	NO
Metribuzin	19/09/25	ND	ug/L	NO
Monochlorobenzene	19/09/25	ND	ug/L	NO
Paraquat	19/09/25	ND	ug/L	NO
Pentachlorophenol	19/09/25	ND	ug/L	NO
Phorate	19/09/25	ND	ug/L	NO
Picloram	19/09/25	ND	ug/L	NO
Polychlorinated Biphenyls(PCB)	19/09/25	ND	ug/L	NO
Prometryn	19/09/25	ND	ug/L	NO
Simazine	19/09/25	ND	ug/L	NO
Terbufos	19/09/25	ND	ug/L	NO
Tetrachloroethylene	19/09/25	ND	ug/L	NO
2,3,4,6-Tetrachlorophenol	19/09/25	ND	ug/L	NO
Triallate	19/09/25	ND	ug/L	NO
Trichloroethylene	19/09/25	ND	ug/L	NO
2,4,6-Trichlorophenol	19/09/25	ND	ug/L	NO
Trifluralin	19/09/25	ND	ug/L	NO
Vinyl Chloride	19/09/25	ND	ug/L	NO

Dunn Road Well and Pumphouse

Parameter	Sample Date	**Result Value**	**Unit of Measure**	Exceedance
Alachlor	19/09/25	ND	ug/L	NO
Atrazine + N-dealkylated metabolites	19/09/25	ND	ug/L	NO
Atrazine	19/09/25	ND	ug/L	NO

Desethyl atrazine	19/09/25	ND	ug/L	NO
Azinphos-methyl	19/09/25	ND	ug/L	NO
Benzene	19/09/25	ND	ug/L	NO
Benzo(a)pyrene	19/09/25	ND	ug/L	NO
Bromoxynil	19/09/25	ND	ug/L	NO
Carbaryl	19/09/25	ND	ug/L	NO
Carbofuran	19/09/25	ND	ug/L	NO
Carbon Tetrachloride	19/09/25	ND	ug/L	NO
Chlorpyrifos	19/09/25	ND	ug/L	NO
Diazinon	19/09/25	ND	ug/L	NO
Dicamba	19/09/25	ND	ug/L	NO
1,2-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,4-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,2-Dichloroethane	19/09/25	ND	ug/L	NO
1,1-Dichloroethylene (vinylidene chloride)	19/09/25	ND	ug/L	NO
Dichloromethane	19/09/25	ND	ug/L	NO
2-4 Dichlorophenol	19/09/25	ND	ug/L	NO
2,4-Dichlorophenoxy acetic acid (2,4-D)	19/09/25	ND	ug/L	NO
Diclofop-methyl	19/09/25	ND	ug/L	NO
Dimethoate	19/09/25	ND	ug/L	NO
Diquat	19/09/25	ND	ug/L	NO
Diuron	19/09/25	ND	ug/L	NO
Glyphosate	19/09/25	ND	ug/L	NO
Malathion	19/09/25	ND	ug/L	NO
MCPA	19/09/25	ND	mg/L	NO
Metolachlor	19/09/25	ND	ug/L	NO
Metribuzin	19/09/25	ND	ug/L	NO
Monochlorobenzene	19/09/25	ND	ug/L	NO
Paraquat	19/09/25	ND	ug/L	NO
Pentachlorophenol	19/09/25	ND	ug/L	NO
Phorate	19/09/25	ND	ug/L	NO
Picloram	19/09/25	ND	ug/L	NO
Polychlorinated Biphenyls(PCB)	19/09/25	ND	ug/L	NO
Prometryn	19/09/25	ND	ug/L	NO
Simazine	19/09/25	ND	ug/L	NO
Terbufos	19/09/25	ND	ug/L	NO
Tetrachloroethylene	19/09/25	ND	ug/L	NO
2,3,4,6-Tetrachlorophenol	19/09/25	ND	ug/L	NO
Triallate	19/09/25	ND	ug/L	NO
Trichloroethylene	19/09/25	ND	ug/L	NO

2,4,6-Trichlorophenol	19/09/25	ND	ug/L	NO
Trifluralin	19/09/25	ND	ug/L	NO
Vinyl Chloride	19/09/25	ND	ug/L	NO

O'Loane Avenue Well and Pumphouse

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	19/09/25	ND	ug/L	NO
Atrazine + N-dealkylated metabolites	19/09/25	ND	ug/L	NO
Atrazine	19/09/25	ND	ug/L	NO
Desethyl atrazine	19/09/25	ND	ug/L	NO
Azinphos-methyl	19/09/25	ND	ug/L	NO
Benzene	19/09/25	ND	ug/L	NO
Benzo(a)pyrene	19/09/25	ND	ug/L	NO
Bromoxynil	19/09/25	ND	ug/L	NO
Carbaryl	19/09/25	ND	ug/L	NO
Carbofuran	19/09/25	ND	ug/L	NO
Carbon Tetrachloride	19/09/25	ND	ug/L	NO
Chlorpyrifos	19/09/25	ND	ug/L	NO
Diazinon	19/09/25	ND	ug/L	NO
Dicamba	19/09/25	ND	ug/L	NO
1,2-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,4-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,2-Dichloroethane	19/09/25	ND	ug/L	NO
1,1-Dichloroethylene (vinylidene chloride)	19/09/25	ND	ug/L	NO
Dichloromethane	19/09/25	ND	ug/L	NO
2-4 Dichlorophenol	19/09/25	ND	ug/L	NO
2,4-Dichlorophenoxy acetic acid (2,4-D)	19/09/25	ND	ug/L	NO
Diclofop-methyl	19/09/25	ND	ug/L	NO
Dimethoate	19/09/25	ND	ug/L	NO
Diquat	19/09/25	ND	ug/L	NO
Diuron	19/09/25	ND	ug/L	NO
Glyphosate	19/09/25	ND	ug/L	NO
Malathion	19/09/25	ND	ug/L	NO
MCPA	19/09/25	ND	mg/L	NO
Metolachlor	19/09/25	ND	ug/L	NO
Metribuzin	19/09/25	ND	ug/L	NO
Monochlorobenzene	19/09/25	ND	ug/L	NO
Paraquat	19/09/25	ND	ug/L	NO
Pentachlorophenol	19/09/25	ND	ug/L	NO

Phorate	19/09/25	ND	ug/L	NO
Picloram	19/09/25	ND	ug/L	NO
Polychlorinated Biphenyls(PCB)	19/09/25	ND	ug/L	NO
Prometryn	19/09/25	ND	ug/L	NO
Simazine	19/09/25	ND	ug/L	NO
Terbufos	19/09/25	ND	ug/L	NO
Tetrachloroethylene	19/09/25	ND	ug/L	NO
2,3,4,6-Tetrachlorophenol	19/09/25	ND	ug/L	NO
Triallate	19/09/25	ND	ug/L	NO
Trichloroethylene	19/09/25	ND	ug/L	NO
2,4,6-Trichlorophenol	19/09/25	ND	ug/L	NO
Trifluralin	19/09/25	ND	ug/L	NO
Vinyl Chloride	19/09/25	ND	ug/L	NO

Romeo Street Pumping Station

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	19/09/25	ND	ug/L	NO
Atrazine + N-dealkylated metabolites	19/09/25	ND	ug/L	NO
Atrazine	19/09/25	ND	ug/L	NO
Desethyl atrazine	19/09/25	ND	ug/L	NO
Azinphos-methyl	19/09/25	ND	ug/L	NO
Benzene	19/09/25	ND	ug/L	NO
Benzo(a)pyrene	19/09/25	ND	ug/L	NO
Bromoacetic Acid	19/09/25	ND	ug/L	NO
Bromodichloromethane	19/09/25	3.2	ug/L	NO
Bromoform	19/09/25	ND	ug/L	NO
Bromoxynil	19/09/25	ND	ug/L	NO
Carbaryl	19/09/25	ND	ug/L	NO
Carbofuran	19/09/25	ND	ug/L	NO
Carbon Tetrachloride	19/09/25	ND	ug/L	NO
Chloroacetic Acid	19/09/25	ND	ug/L	NO
Chloroform	19/09/25	15	ug/L	NO
Chlorpyrifos	19/09/25	ND	ug/L	NO
Diazinon	19/09/25	ND	ug/L	NO
Dibromoacetic Acid	19/09/25	ND	ug/L	NO
Dibromodichloromethane	19/09/25	0.49	ug/L	NO
Dicamba	19/09/25	ND	ug/L	NO
Dichloroacetic Acid	19/09/25	4.5	ug/L	NO
1,2-Dichlorobenzene	19/09/25	ND	ug/L	NO
1,4-Dichlorobenzene	19/09/25	ND	ug/L	NO

1,2-Dichloroethane	19/09/25	ND	ug/L	NO
1,1-Dichloroethylene (vinylidene chloride)	19/09/25	ND	ug/L	NO
Dichloromethane	19/09/25	ND	ug/L	NO
2-4 Dichlorophenol	19/09/25	ND	ug/L	NO
2,4-Dichlorophenoxy acetic acid (2,4-D)	19/09/25	ND	ug/L	NO
Diclofop-methyl	19/09/25	ND	ug/L	NO
Dimethoate	19/09/25	ND	ug/L	NO
Diquat	19/09/25	ND	ug/L	NO
Diuron	19/09/25	ND	ug/L	NO
Glyphosate	19/09/25	ND	ug/L	NO
Total Haloacetic Acid (HAA)	20/03/25	5.3	ug/L	NO
Total Haloacetic Acid (HAA)	09/07/25	10.4	ug/L	NO
Total Haloacetic Acid (HAA)	19/09/25	11.0	ug/L	NO
Total Haloacetic Acid (HAA)	05/12/25	18.8	ug/L	NO
Malathion	19/09/25	ND	ug/L	NO
MCPA	19/09/25	ND	mg/L	NO
Metolachlor	19/09/25	ND	ug/L	NO
Metribuzin	19/09/25	ND	ug/L	NO
Monochlorobenzene	19/09/25	ND	ug/L	NO
Paraquat	19/09/25	ND	ug/L	NO
Pentachlorophenol	19/09/25	ND	ug/L	NO
Phorate	19/09/25	ND	ug/L	NO
Picloram	19/09/25	ND	ug/L	NO
Polychlorinated Biphenyls(PCB)	19/09/25	ND	ug/L	NO
Prometryn	19/09/25	ND	ug/L	NO
Simazine	19/09/25	ND	ug/L	NO
THM (Total)	20/03/25	18	ug/L	NO
THM (Total)	09/07/25	21	ug/L	NO
THM (Total)	19/09/25	19	ug/L	NO
THM (Total)	05/12/25	20	ug/L	NO
Terbufos	19/09/25	ND	ug/L	NO
Tetrachloroethylene	19/09/25	ND	ug/L	NO
2,3,4,6-Tetrachlorophenol	19/09/25	ND	ug/L	NO
Triallate	19/09/25	ND	ug/L	NO
Trichloroacetic Acid	19/09/25	6.5	ug/L	NO
Trichloroethylene	19/09/25	ND	ug/L	NO

2,4,6-Trichlorophenol	19/09/25	ND	ug/L	NO
Trifluralin	16/09/24	ND	ug/L	NO
Vinyl Chloride	16/09/24	ND	ug/L	NO

Distribution System

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
HAA (Dufferin Towers)	14/03/24 09/07/25 19/09/25 05/12/25	20.4 (Running Annual Average)	ug/L	NO
THM (Dufferin Towers)	14/03/24 09/07/25 19/09/25 05/12/25	32.8 (Running Annual Average)	ug/L	NO

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
HAA (Forman Towers)	20/03/25 09/07/25 19/09/25 08/12/25	17.9 (Running Annual Average)	ug/L	NO
THM (Forman Towers)	20/03/25 09/07/25 19/09/25 08/12/25	27.25 (Running Annual Average)	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

Chestnut Street Well and Pumphouse

Parameter	Result Value	Unit of Measure	Date of Sample
Fluoride	2.16	mg/L	20/03/25

Mornington Street Well and Pumphouse

Parameter	Result Value	Unit of Measure	Date of Sample
Fluoride	1.95	mg/L	19/09/25

Lorne Avenue Well and Pumphouse

Parameter	Result Value	Unit of Measure	Date of Sample
Fluoride	2.34	mg/L	19/09/25

Dunn Road Well and Pumphouse

Parameter	Result Value	Unit of Measure	Date of Sample
Fluoride	1.72	mg/L	19/09/25

O'Loane Avenue Well and Pumphouse

Parameter	Result Value	Unit of Measure	Date of Sample
Fluoride	2.05	mg/L	19/09/25

Note: Fluoride is naturally occurring in Stratford's drinking water supply source. For more information visit the Perth District Health Unit website at: https://www.hpph.ca/health-topics/climate-environment-and-health/water/ exceedances are reportable every 57 months. Next reportable exceedances will be in March 2028.