Renfrew Drinking Water System

Waterworks # 210001102
System Category – Large Municipal Residential

Annual Water Report

Prepared For: Municipality of the Town of Renfrew

Reporting Period of January 1st – December 31st 2025

Issued: February 25, 2026

Revision: 0

Operating Authority:

OCWA
ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

This report has been prepared to satisfy the annual reporting requirements in O.Reg 170/03 Section 11 and Schedule 22

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Report Availability

This system serves approximately 8,500 residents and the annual reports will be available to residents at the Town of Renfrew Municipal Office. Notification will be at the Municipal Office and copies provided free of charge if requested. The Town of Renfrew Municipal Office is located at 127 Raglan St. S., Renfrew, ON K7V 1P8.

Compliance Report Card

Compliance Event	# of Events
Ministry of Environment Inspections	1 - Ministry Inspection on July 30th, 2025 Report Received August 26th, 2025 – 100%
Ministry of Labour Inspections	0 - No MOL Inspections during the reporting period
QEMS External Audit	2 – One (1) External Surveillance Audit, and One (1) Re-Accreditation Audit were completed
AWQI's	3 – See Summary of Non-Compliance for details
Non-Compliance	1 – See Summary of Non-Compliance for details
Spills	0 - No spills during the reporting period
Watermain Breaks	5 - See Distribution Maintenance for details

System Process Description

Raw Source

The source water for the Renfrew Drinking Water System (DWS) is the Bonnechere River. The low lift pumping station is constructed over the wet well, immediately next to the Bonnechere River, and across the street from the Renfrew Water Treatment Plant. The wet well is equipped with a bar screen. Raw water is drawn from the wet well and discharged into a raw water header and conveyed to the plant for treatment. Turbidity, pH, temperature and flow sensors are installed at this point to collect raw water data.

Treatment

Raw water is treated with a coagulant and polymer as a coagulant aid. PAS8 was used until August 6th, when a trial with PAX-XL-1900 was started. The coagulant change to PAX-XL-1900 was implemented as part of an optimization strategy to reduce dissolved and total organics, and filter effluent turbidity, resulting in a better treated water product. A complete Potassium Permanganate feed system including storage, feed pumps, spill containment and all associated piping and integration into the current control system was also installed and commissioned in 2025. This includes the installation of an online raw water manganese and iron analyzer and an online treated water manganese analyzer. The system was installed as a solution to reduce manganese in the drinking water, and will be utilized as needed based on manganese detection by the online analyzers. The powdered activated carbon (PAC) system is currently not in use. The raw water is directed to the flash mixers and proceeds through the Actiflo treatment system, which consists of coagulation, flocculation and sedimentation assisted by tube settlers.

Water then flows to three dual media (sand/anthracite) high-rate gravity filters. All three filters are connected to a common backwash system that includes filter-to-waste valves, backwash troughs and underdrain systems. The filters are equipped with one positive displacement air scour blower for backwashing purposes.

Filtered water is treated with chlorine gas (disinfection), hydrated lime (pH adjustment) and Hydrofluosilicic acid (fluoride) prior to being directed to the clearwells. Two baffled clearwells are in use to provide treated water storage, treated water is then pumped from the clearwells to the distribution system.

There are two wastewater generating processes; filter backwashing and waste residuals from the Actiflo treatment system. Filter backwash effluent is directed to two settling tanks located on the lower level of the treatment plant, and Actiflo waste residuals are directed to a separate basin located on the upper level of the treatment plant. Filter backwash and Actiflo residual supernatant from the settling tanks is discharged to the Bonnechere River via the municipal storm sewer and the sludge from the settling tanks is pumped to the municipal sanitary sewer system.

Treatment Chemicals used during the reporting year:

Chemical Name	Use	Supplier
PAS-8	Primary Coagulation	Kemira
PAX-XL-1900	Primary Coagulation	Kemira
Polymer	Coagulant Aid	Northland Chemical Inc.
Hydrated Lime	pH Adjustment	M&R Feeds (Sylvite)
Chlorine Gas	Disinfection	Brenntag
Hydrofluosilicic Acid	Fluoridation	Brenntag
Micro-Sand	Actiflo Process	Veolia

Distribution

The distribution for the Town of Renfrew includes a 6,820 m^3 capacity standpipe located on O'Brien Road, and an in-line booster station on Erindale Avenue.

Summary of Non-Compliance

Adverse Water Quality Incidents

Date	AWQI #	Details	Legislation	Corrective Action Taken
Quarter 1: January-March	167738 167739	Total Trihalomethane Running Annual Average was greater than 100 ug/L, and Haloacetic Acid Running Annual Average was greater than 80ug/L for Quarter 1, 2025	O.Reg. 170/03	While the first quarter individual results for THMs and HAAs were well below the limit, the running annual averages were over the limit due to a high result from Quarter 3 in 2024. THM and HAA sampling frequency was increased from quarterly to monthly as of January 2025 to better characterize THMs and HAAs in the system. In house testing for UVT/UVA has also been added to routine benchwork for all parts of the treatment process, to understand the organics removal efficiency of each treatment process. Kemira also performed coagulant jar testing of various coagulants, including PAX-XL-1900, for better organics removal to reduce the formation of disinfectant by-products and overall plant optimization. These actions were implemented prior to the completion of the Innovation and Process Optimization Team (IPOT) THM/HAA Study and Recommendation report (May 12th, 2025).
Quarter 2: April-June	1-P1F6WT	Total Trihalomethane Running Annual Average exceeded 100 ug/L in Quarter 2	O.Reg. 170/03	Further actions from the IPOT THM/HAA Study and recommendation report were implemented. The PAX-XL-1900 coagulant trial was organized and initiated with success on August 6th, 2025.

Non-Compliance

Legislation	Requirement(s) system failed to meet	Duration of the failure	Corrective Action	Status
O.Reg 170/03	A drinking water system which provides secondary disinfection shall test for the parameter with at least the minimum frequency specified in the Table, referenced in 6-5 (2). The Table specifies distribution Free Chlorine residual must be tested every hour.	June 18th, 2025 at 12:00 to June 19th at 08:27	The Free Chlorine Analyzer was left on hold during a calibration. Staff training occurred on Continuous Monitoring – Compliance Analyzer SOP and Trending SOP. A notification was added to the calibration logs to remind the Operator to confirm the analyzer is back in service after a calibration. During the required renewal of the Permit to Take Water and Municipal Drinking Water Licence in 2026, the MECP approved the requirements of daily chlorine residuals should a Free Chlorine Analyzer failure occur.	Completed

Non-Compliance Identified in a Ministry Inspection:

Legislation	Requirement(s) system failed to meet	Duration of the failure	Corrective Action	Status
There were no Non-Compliances identified in a Ministry Inspection				

Spill Incident

Date	Location	Details	Corrective Action
There were no Spills during the reporting period			

Flows

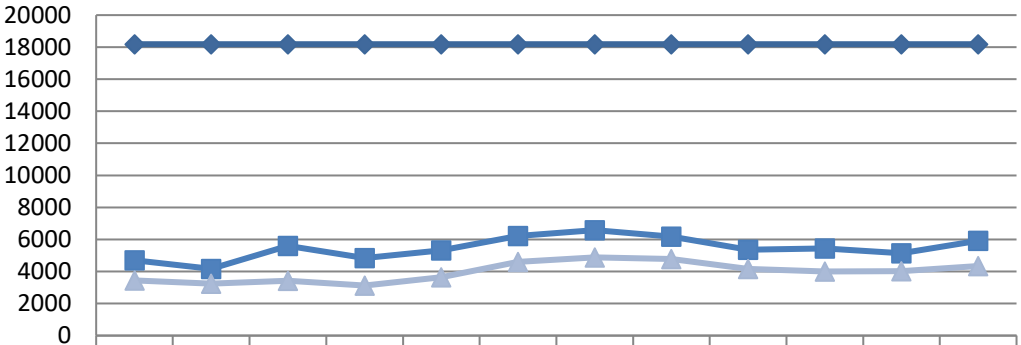
The Renfrew Drinking Water System is operating less than half the rated capacity.

Raw Water Flows

The Raw Water flows are regulated under the Permit to Take Water. 2025 Raw Flow Data was submitted to the Ministry electronically under permit #P-300-9214586220. The confirmation is attached in Appendix A.

Monthly Rated Flows (m^3/d)

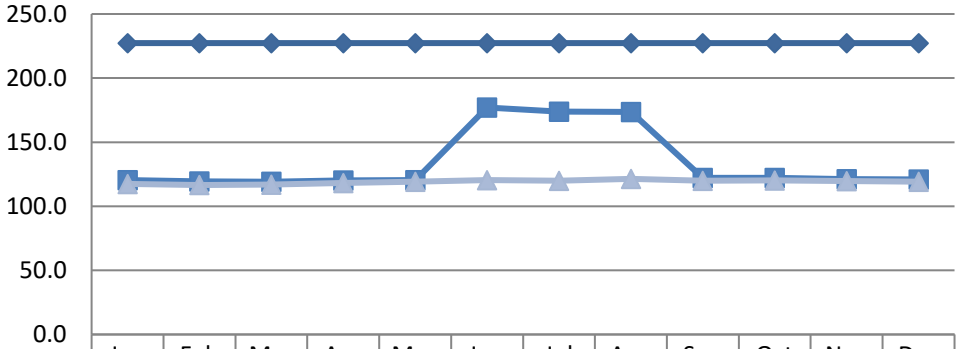
Max Allowable PTTW



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Allowable (m^3/d)	18184	18184	18184	18184	18184	18184	18184	18184	18184	18184	18184	18184
Max Flow (m^3/d)	4698	4168	5608	4837	5321	6214	6581	6181	5369	5444	5143	5925
Avg (m^3/d)	3433	3242	3432	3124	3641	4597	4881	4774	4152	4001	4022	4335

Monthly Flow Rate (L/s)

Max allowable rate - PTTW



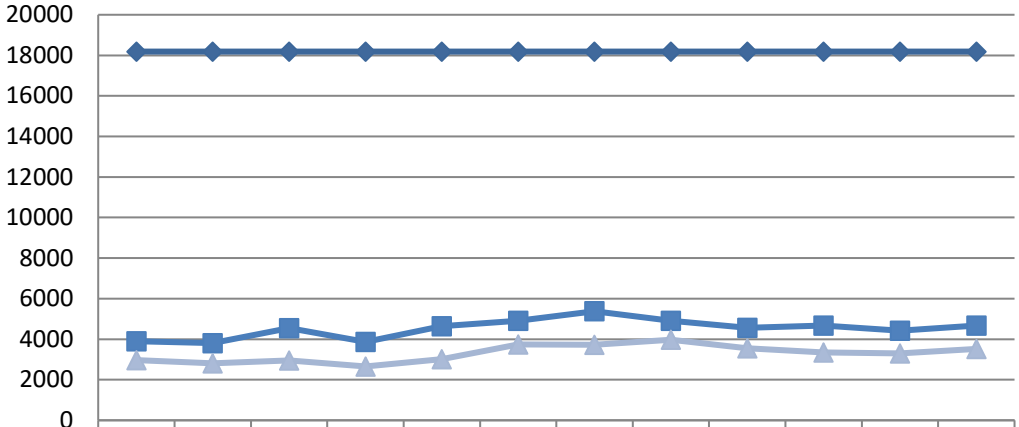
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Allowable Rate (L/sec)	227.3	227.3	227.3	227.3	227.3	227.3	227.3	227.3	227.3	227.3	227.3	227.3
Max Rate (L/s)	120	119	119	120	121	177	174	174	122	122	121	121
Ave Rate(L/s)	118	117	117	118	119	121	120	121	120	120	120	119

Treated Water Flows

The Treated Water flows are regulated under the Municipal Drinking Water Licence.

Monthly Rated Flows

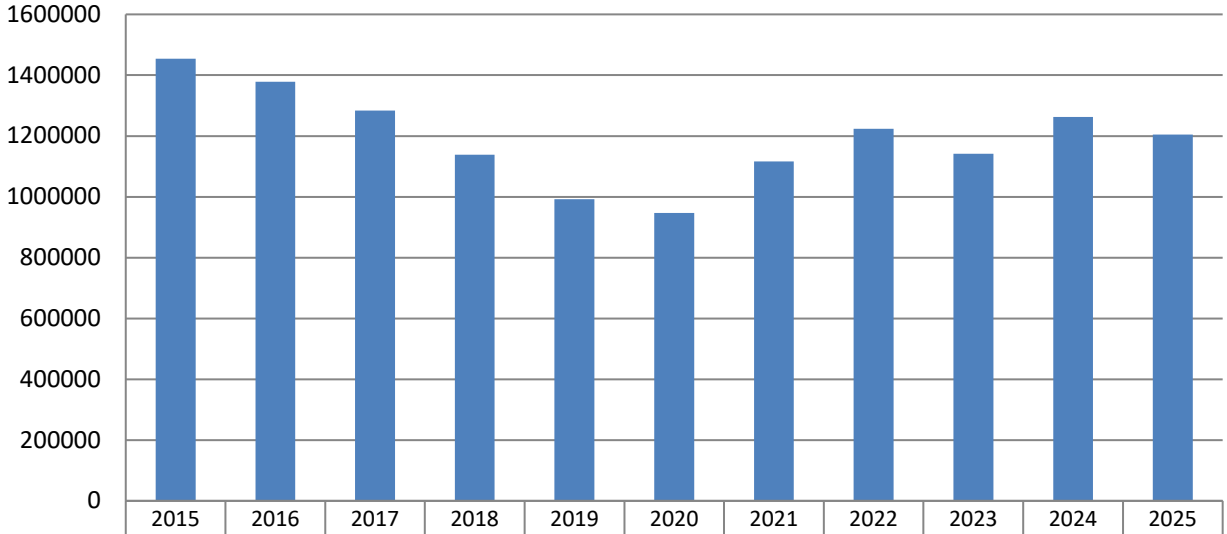
Rated Capacity - MDWL



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Rated Capacity (m^3/d)	18184	18184	18184	18184	18184	18184	18184	18184	18184	18184	18184	18184
Max Daily Flow (m^3/d)	3902	3809	4546	3867	4635	4914	5377	4914	4566	4670	4420	4666
Avg (m^3/d)	2962	2818	2946	2656	3018	3736	3719	3972	3546	3350	3307	3528

Annual Total Flow Comparison

Total Annual m^3



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
WTP (m^3)	1453925	1378664	1283985	1138259	992410	946568	1115954	1224010	1141119	1262783	1204596

Regulatory Sample Results Summary

Microbiological Testing

	No. of Samples Collected	Range of E.coli Results		Range of Total Coliform Results		# of HPC Samples Collected	Range of HPC Results	
		Min	Max	Min	Max		Min	Max
Raw Water	52	1	173	10	14700			
Treated Water	52	0	0	0	0	52	2	62
Distribution Water	260	0	0	0	0	156	2	4

Operational Testing

	No. of Samples Collected	Range of Results		
		Minimum	Average	Maximum
Turbidity, In-House (NTU) - RW	108	1.54	8.37	320.00
Turbidity, In-House (NTU) - TW	104	0.07	0.27	0.51
Turbidity, On-Line (NTU) - Filt1	8760	0.04	0.12	0.57
Turbidity, On-Line (NTU) - Filt2	8760	0.02	0.11	0.80
Turbidity, On-Line (NTU) - Filt3	8760	0.02	0.11	0.99
Free Chlorine Residual, On-Line (mg/L) - TW	8760	0.73	1.78	2.89
Free Chlorine Residual, In-House (mg/L) - TW	350	1.21	1.77	2.90
Free Chlorine Residual, TW Field (mg/L) Lab Upload - TW	58	1.04	1.75	2.07
Free Chlorine Residual, On-Line (mg/L) - DW	8760	0.60	1.36	2.33
Free Chlorine Residual, DW Field (mg/L) Lab Upload - DW	262	0.20	1.24	2.18
Fluoride Residual, On-Line (mg/L) - TW	8760	0.41	0.66	0.92
Fluoride Residual, In-House (mg/L) - TW	109	0.43	0.67	1.05
Fluoride Residual, Lab Upload (mg/L) -TW	12	0.40	0.7	1.00

RW = Raw Water
TW = Treated Water

Laboratory Testing

Parameter	No. of Samples Collected	Range of Results (minimum- maximum)
Raw Water		
Alkalinity	12	51 - 92 mg/L
Colour	12	10 - 22 TCU
Dissolved Organic Carbon (DOC)	12	6.2 – 8.2 mg/L
Fluoride	12	0.1 mg/L
Iron	12	0.054 - 0.261 mg/L
Manganese	12	0.005 - 0.040 mg/L
pH	12	6.76 – 7.95
Treated Water		
Alkalinity	12	41 - 79 mg/L

Parameter	No. of Samples Collected	Range of Results (minimum- maximum)
Aluminum	12	40 - 100 ug/L
Colour	12	2 TCU
Conductivity	12	139 – 284 µS/cm
Dissolved Organic Carbon (DOC)	12	3.4 – 5.3 mg/L
Fluoride	12	0.4 – 1.0 mg/L
Iron	12	0.005 - 0.007 mg/L
Manganese	12	0.001 - 0.011 mg/L
pH	12	6.66 – 7.75
Hardness (as CaCO3)	12	56.3 – 115 mg/L as $CaCO_3$

Inorganic Parameters

These parameters are tested as a requirement under 170/03. Sodium and Fluoride are required to be tested every five (5) years, although Fluoride is monitored monthly as it is added to the process. Nitrate and Nitrite are tested quarterly and metals are tested annually. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly

- MAC = Maximum Allowable Concentration as per O. Reg 169/03
- <MDL = Below the laboratory minimum detection level

Treated Water	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Inorganics					
Antimony: Sb (ug/L) - TW	2025/01/21	< MDL 0.1	6	No	No
Arsenic: As (ug/L) - TW	2025/01/21	0.1	10	No	No
Barium: Ba (ug/L) - TW	2025/01/21	30	1000	No	No
Boron: B (ug/L) - TW	2025/01/21	6	5000	No	No
Cadmium: Cd (ug/L) - TW	2025/01/21	< MDL 0.015	5	No	No
Chromium: Cr (ug/L) - TW	2025/01/21	< MDL 1	50	No	No
Mercury: Hg (ug/L) - TW	2025/01/21	< MDL 0.02	1	No	No
Selenium: Se (ug/L) - TW	2025/01/21	< MDL 1	50	No	No
Uranium: U (ug/L) - TW	2025/01/21	< MDL 0.05	20	No	No
Additional Inorganics					
Nitrite (mg/L) - TW	2025/02/11	<MDL 0.05	1.0	No	No
Nitrite (mg/L) - TW	2025/05/13	<MDL 0.05	1.0	No	No
Nitrite (mg/L) - TW	2025/08/12	<MDL 0.05	1.0	No	No
Nitrite (mg/L) - TW	2025/11/10	0.08	1.0	No	No
Nitrate (mg/L) - TW	2025/02/11	0.09	10.0	No	No
Nitrate (mg/L) - TW	2025/05/13	0.12	10.0	No	No
Nitrate (mg/L) - TW	2025/08/12	< MDL 0.05	10.0	No	No
Nitrate (mg/L) - TW	2025/11/10	< MDL 0.05	10.0	No	No
Sodium: Na (mg/L) - TW	2024/04/12	15.9	20*	No	Yes

*There is no MAC for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Schedule 15 Distribution Sampling:

Schedule 15 requires Lead Distribution samples be taken between December 15th to April 15th, and June 15th to October 15th every 3 years, with Alkalinity and pH taken yearly. Results are as follows:

	Number of Sampling Points	Number of Samples	Range of Results (mg/L)		MAC (ug/L)	Number of Exceedances
			Minimum	Maximum		
Alkalinity	6	6	52	86		
pH	6	6	7.19	7.36		
Lead	0	0	-	-	10	-

Organic Parameters

These parameters are tested annually as a requirement under O. Reg 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly.

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Treated Water					
1,1-Dichloroethylene (ug/L)	2025/01/21	< MDL 0.5	14	No	No
1,2-Dichlorobenzene (ug/L)	2025/01/21	< MDL 0.5	200	No	No
1,2-Dichloroethane (ug/L)	2025/01/21	< MDL 0.5	5	No	No
1,4-Dichlorobenzene (ug/L)	2025/01/21	< MDL 0.5	5	No	No
2,3,4,6-Tetrachlorophenol (ug/L)	2025/01/21	< MDL 0.2	100	No	No
2,4,6-Trichlorophenol (ug/L)	2025/01/21	< MDL 0.2	5	No	No
2,4-Dichlorophenol (ug/L)	2025/01/21	< MDL 0.2	900	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L)	2025/01/21	< MDL 1	100	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L)	2025/01/21	< MDL 10	100	No	No
Alachlor (ug/L)	2025/01/21	< MDL 0.3	5	No	No
Atrazine + N-dealkylated metabolites (ug/L)	2025/01/21	< MDL 0.5	5	No	No
Azinphos-methyl (ug/L)	2025/01/21	< MDL 1	20	No	No
Benzene (ug/L)	2025/01/21	< MDL 0.5	1	No	No
Benzo(a)pyrene (ug/L)	2025/01/21	< MDL 0.006	0.01	No	No
Bromoxynil (ug/L)	2025/01/21	< MDL 0.5	5	No	No
Carbaryl (ug/L)	2025/01/21	< MDL 3	90	No	No
Carbofuran (ug/L)	2025/01/21	< MDL 1	90	No	No
Carbon Tetrachloride (ug/L)	2025/01/21	< MDL 0.2	2	No	No
Chlorpyrifos (ug/L)	2025/01/21	< MDL 0.5	90	No	No
Diazinon (ug/L)	2025/01/21	< MDL 1	20	No	No
Dicamba (ug/L)	2025/01/21	< MDL 1	120	No	No
Dichloromethane (Methylene Chloride) (ug/L)	2025/01/21	< MDL 5	50	No	No
Diclofop-methyl (ug/L	2025/01/21	< MDL 0.9	9	No	No
Dimethoate (ug/L)	2025/01/21	< MDL 1	20	No	No

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Diquat (ug/L)	2025/01/21	< MDL 5	70	No	No
Diuron (ug/L)	2025/01/21	< MDL 5	150	No	No
Glyphosate (ug/L)	2025/01/21	< MDL 25	280	No	No
Malathion (ug/L)	2025/01/21	< MDL 5	190	No	No
Metolachlor (ug/L)	2025/01/21	< MDL 3	50	No	No
Metribuzin (ug/L)	2025/01/21	< MDL 3	80	No	No
Monochlorobenzene (Chlorobenzene) (ug/L)	2025/01/21	< MDL 0.5	80	No	No
Paraquat (ug/L)	2025/01/21	< MDL 1	10	No	No
PCB (ug/L)	2025/01/21	< MDL 0.05	3	No	No
Pentachlorophenol (ug/L)	2025/01/21	< MDL 0.2	60	No	No
Phorate (ug/L)	2025/01/21	< MDL 0.3	2	No	No
Picloram (ug/L)	2025/01/21	< MDL 5	190	No	No
Prometryne (ug/L)	2025/01/21	< MDL 0.1	1	No	No
Simazine (ug/L)	2025/01/21	< MDL 0.5	10	No	No
Terbufos (ug/L)	2025/01/21	< MDL 0.5	1	No	No
Tetrachloroethylene (ug/L)	2025/01/21	< MDL 0.5	10	No	No
Triallate (ug/L)	2025/01/21	< MDL 10	230	No	No
Trichloroethylene (ug/L)	2025/01/21	< MDL 0.5	5	No	No
Trifluralin (ug/L)	2025/01/21	< MDL 0.5	45	No	No
Vinyl Chloride (ug/L)	2025/01/21	< MDL 0.2	1	No	No
Distribution Water					
Trihalomethane: Total THM (ug/L) RAA	2025	97.58	100.00	No	Yes
Haloacetic Acid: Total HAA (ug/L) RAA	2025	57.23	80.0	No	Yes

MAC = Maximum Allowable Concentration as per O.Reg 169/03
<MDL = Below the laboratory minimum detection level
RAA = Running Annual Average

Additional Legislated Samples

Hazardous Algae Bloom (HAB) Sampling

Schedule C: System-Specific Conditions of Municipal Drinking Water License #183-101 requires the Renfrew Drinking Water System to have a Harmful Algal Bloom (HAB) plan. The HAB plan sampling is implemented when the source water has a history of blooms or a potential harmful algal bloom is suspected or present. The HAB plan requires Raw and Treated water be sampled on a weekly basis for Microcystin during the Harmful Algal Bloom season, which occurs from June 1st to October 31st of each year. HAB sampling did not occur in 2025 as there were no present or suspected HABs near the intake zones.

	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Microcystin (ug/L) - RW	0	N/A	N/A
Microcystin (ug/L) - TW	0	N/A	N/A

<MDL = Below the laboratory minimum detection level

Filter Backwash Effluent

Schedule C: System-Specific Conditions of Municipal Drinking Water License #183-101 requires the Renfrew Drinking Water System to monitor effluent discharged to the natural environment.

Legal Document	Date of Issuance	Parameter	Date Sampled	Result	Unit of measure	Limit
Municipal Drinking Water License 183-101, Issue #3	03/30/2021	Actiflo Residual Supernatant Suspended Solids	Annual Avg.	11.75	mg/L	25.0
		Backwash Supernatant Suspended Solids	Annual Avg.	9.67	mg/L	25.0
		Actiflo Residual Supernatant Total Chlorine	Annual Avg.	0.00	mg/L	0.02
		Backwash Supernatant Total Chlorine	Annual Avg.	0.01	mg/L	0.02

Major Maintenance Summary

WO #	Description
4654270	Filter Effluent Actuator Programming Repair
4708001	Coagulant Flow Meter Verification
4423988	Annual Boiler Inspection
4554916	Handheld pH Probe Replacement
4336241	Portable Handheld Turbidimeter Calibration Set Purchase
4428419	Compressor Air Dryer Replacement
4337909	TSSA Inspection
4427923	Filter 1 Media Refurbishment
4550671	PLC Panels Inspection
4487872	Generator TSSA Deficiency Corrections
4488712	Chlorine Gas Sensor Calibration
4428427	pH and Fluoride Analyzer Reference Probe Replacement
4484828	Filter #1 Actuator Inspection
4487277	Lunch Room/Meeting Room Air Conditioner Replacement
4377982	Mini Ph probe handheld purchase
4426984	DWQMS External Surveillance Audit 2025

WO #	Description
4335617	Actiflo Maturation Tank Mixer VFD Repair
4425702	Sump Pump Replacement
4556255	Backflow Preventer Annual Inspection
4609121	Lab Air Conditioning Repair
4663502	Filter 1 Effluent Actuator Installation/programming
4660978	Lime Mixer and Vibrator Troubleshooting/ Optimization
4660980	Emergency PLC 100 Program Repair
4662741	Tower Communication Repair
4711692	TSSA Inspection Follow Up Inspection
4815696	Replacement Motors for Air Handling Units
4711702	Treated Water Turbidimeter Control Board Troubleshooting
4552070	Filter #1 Effluent Actuator Replacement
4606250	Backflow Preventer Repair

Distribution Maintenance

Date	Location Reference	Category	Details
Feb 19	57 Bonnechere St S.	1	Circumferential break, repair sleeve installed on 6 inch cast iron. Repair completed on Feb 20th, flow and air gap were maintained.
May 12	481 Raglan St S.	-	Leaking Hydrant replaced.
May 20	Entire System	-	Seasonal Flushing Program started. 4 week rotation until November.
Jun 27	Dominion St	-	New Watermain commissioned to replace existing
Aug 27	387 McNab Ave.	1	Changed service saddle on 6 inch transite August 28th to repair circumferential break. Flow and air gap were maintained during repair.
Sept 3-5	Mat-e-way	-	New Watermain commissioned to replace existing
Dec 7	408 Hall Ave.	1	8-12 inch ductile circumferential break repaired with a sleeve. Flow and air gap maintained during repair.

Date	Location Reference	Category	Details
Dec 8	Vimy Blvd x Haig St	1	22 inches of 6 Inch plastic pipe, hi max and Star grip were replaced to repair leak on joint. Flow and air gap were maintained during repair.
Dec 15	6 Bonnechere St. N	1	Repair sleeve installed on 10 inch ductile to repair circumferential break, flow and air gap were maintained during repair.

Distribution Complaints

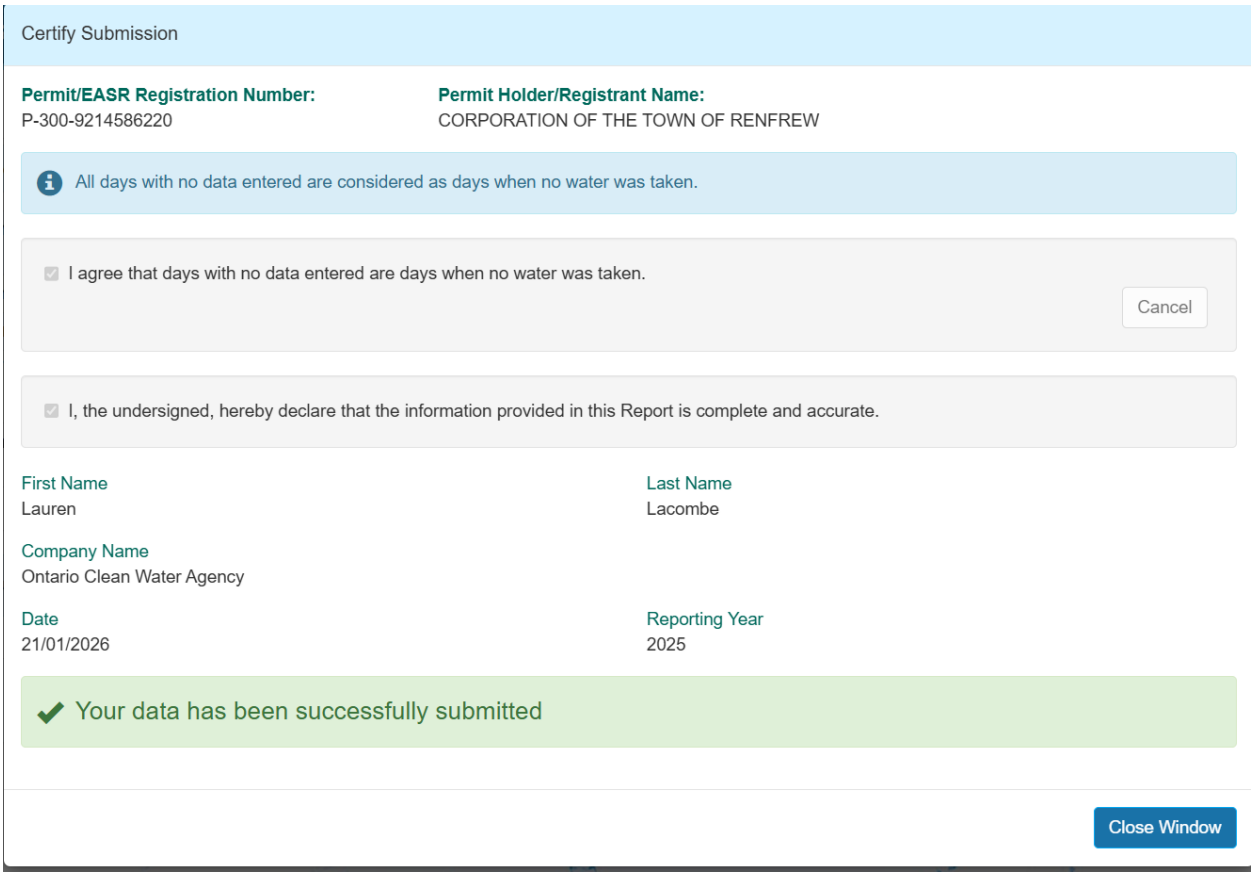
The Distribution crew responded to 31 complaints in 2025.

Date	Location	Complaint	Corrective Action
Jan 2	257 Moore St.	Low water pressure	Distribution pressure sufficient, homeowner bypassed home filter and pressure increased
Jan 3	James Ave.	Valve cover missing	Replaced with new
Jan 3	316 Opeongo Road	Low water pressure	Plugged filters on homeowners side.
Jan 23	215 June St.	Service Leak	Leak repaired
Jan 27	Raglan St South	Leaking hydrant	Valved off, repaired on May 12
Jan 30	360 Dominion	Leaking meter	Leak on homeowners side, advised to call plumber, leaking meter – directed to the Town
Jan 31	414 Barr St.	Water Leak	Leak coming from the basement on homeowner side. Shut off water at curb stop and plumber repaired leak
Feb 3	Emterra Recycling 610 Lisgar Ave.	No water	Plumbing frozen in the building
Mar 24	357 Harry St.	Leak	Service leak, valve would not close, new sleeve installed. Valve closed
Apr 15	Bolger Lane (St. Thomas School)	Leaky valve prevented water shut off to building scheduled for demolition.	Watermain cut and capped
May 18	190 Carswell St.	Low Pressure	Ensure valve is fully open, half inch line, low pressure for years, no leaks

Date	Location	Complaint	Corrective Action
May 14	181 Jennet St.	Curb Stop Broken	Repair
May 14	190 Elk St.	Service Valve cap sticking up	Tapped down
May 14	246 James Crescent	Foul smelling water, not chlorine	Samples collected
May 30	Arthur Ave. (across from Museum)	Water coming up along roadside	Abandoned water Service leaking, service pipe cut offed and capped
Jun 26	383 Sydney Ave.	Low Pressure	Homeowner side, advised to call plumber
Jul 3	443 Moore St	Curb Stop lifted	Hammered it down
Jul 18	70 Barry Ave.	Bad taste, discoloured water	Tested turbidity 0.37 NTU, and FCL2 1.30mg/L, no issues, informed owner
Jul 21	376 Haig Ave.	Brown water	Flushing at Ma-te-Way Dr. and Vimy Blvd. dead ends, informed homeowner
Jul 21	121 Otteridge Ave.	Rusty hydrant, flushing	Explained to owner it is a looped system, so no flushing and some rust is not an issue
Jul 23	722 Fourth St.	Water shut off process	Information request
Oct 3, 7	680 O'Brien Rd	Shopper’s Drug Mart construction tie-ins	Live tie-in to watermain, and service connection
Aug 5	42 Queen St.	Faulty Valve on water meter Town side	Inspected
Aug 5	Queen St. x Renfrew Ave	Water coming up at the sidewalk	Cut and cap old service water connection
Aug 22	93 Peter St.	Locates water and sewer	Advised to call in locates to Ontario One Call
Sept 5	287 Robert Drive	Mildew in sink and toilet	Advised it is not caused by Town water, water quality confirmed is good

Date	Location	Complaint	Corrective Action
Sept 16	769 Sixth St.	Water Valve leaking	Repaired service leak Sept 18th
Oct 10	70 Barry Ave.	Poor water quality	Tested turbidity 0.44 NTU, and FCL2 1.71 mg/L, no issues, informed owner
Oct 21	810 Eighth St	High curb stop	Hammer down water curb stop
Oct 23	507 New St.	Dirty water	Tested chlorine and turibidity. Good residual, notified homeowner it was safe to drink
Nov 21	50 Barnet Blvd	Emergency dig issue	Bell Canada broken pole, locates done
Nov 22	135 Francis St.	Leaking service line due to lot redevelopment	Upgrade of service line at developer's request
Dec 25	769 Seventh St.	Service line leak	Homeowners side, advised to call plumber

Appendix A - WTRS Data and Submission Confirmation



Certify Submission

Permit/EASR Registration Number:
P-300-9214586220

Permit Holder/Registrant Name:
CORPORATION OF THE TOWN OF RENFREW

All days with no data entered are considered as days when no water was taken.

I agree that days with no data entered are days when no water was taken.

Cancel

I, the undersigned, hereby declare that the information provided in this Report is complete and accurate.

First Name
Lauren

Last Name
Lacombe

Company Name
Ontario Clean Water Agency

Date
21/01/2026

Reporting Year
2025

Your data has been successfully submitted

Close Window

RENFREW DRINKING WATER SYSTEM / Treated Water

Yearly Summary (Flow) 2025

Units: cubic meter per day **Daily Max:** 5377.05 on July 28

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3184.17	2095.32	3013.70	3022.97	2459.04	3661.66	2794.73	3883.21	3638.55	4670.01	4005.70	3751.77
2	2799.82	2832.48	3350.77	2692.20	2483.22	3767.45	4778.81	3727.81	4113.19	2897.45	2433.53	3817.27
3	3309.56	2769.36	2759.13	2958.85	2015.32	4524.55	3861.77	3790.21	3712.40	4040.83	4419.80	2739.81
4	3255.65	2754.63	2222.05	2951.02	2197.06	3654.47	4140.94	3869.64	3785.24	2352.27	1924.60	4081.75
5	2412.06	3008.65	3455.72	2179.77	3190.73	3518.34	3836.57	4102.88	4308.77	3771.50	4133.70	4038.74
6	3613.54	2251.16	2556.91	2543.34	2468.87	3782.20	3586.22	3923.85	2598.60	3096.68	2226.08	2852.79
7	3100.09	3131.08	2966.44	3077.74	2768.15	4029.56	3048.55	4885.82	4339.26	4141.36	3931.94	4338.25
8	1835.59	2833.13	2914.72	2615.60	3307.29	2753.98	1630.44	3168.79	3391.26	3283.29	2262.70	3956.20
9	3519.07	3808.89	3031.01	3192.91	3023.62	4433.69	3689.78	4429.62	3989.72	3413.64	3906.79	3363.16
10	2869.22	1823.77	3122.90	2672.47	2322.01	3115.34	3697.62	4029.31	3340.23	2965.48	2305.46	2738.96
11	3617.85	3125.71	2909.53	2549.36	3983.05	3634.92	3550.29	4415.36	3650.01	2763.03	3624.00	4278.00
12	2183.97	3225.93	1957.21	2260.24	2803.43	3846.25	3836.48	4914.09	3112.02	3217.98	3662.19	2801.51
13	3539.80	2027.64	3518.71	3867.27	2739.55	3894.05	2922.93	4670.27	2438.27	2485.01	3367.72	3983.84
14	2599.69	3771.77	2885.84	2292.30	3860.02	2647.81	4666.36	3420.95	4157.76	3815.72	3141.49	3510.33
15	2597.84	2409.00	3620.18	1788.42	3452.18	4728.30	3744.42	4608.11	3951.54	4031.55	2426.24	3653.63
16	2388.42	2077.76	2223.50	3263.86	2305.94	4308.66	3810.04	4051.51	3851.23	3918.79	4256.86	4092.34
17	3902.37	2995.50	3047.13	3124.06	3432.27	3692.98	3010.97	3340.17	3236.95	3373.45	3202.72	3318.57
18	2809.57	3291.91	3387.58	2063.59	2531.51	4031.03	3713.02	3780.64	3743.46	2321.32	3279.43	3963.37
19	2210.30	3628.39	2786.32	3161.89	3537.08	3125.03	3643.97	4794.58	2887.54	4170.74	3126.54	3552.21
20	3766.69	2213.00	3026.62	2540.83	3086.62	3658.94	2889.58	4041.07	3201.30	3201.30	4121.14	3195.43
21	3144.30	2744.42	2309.30	2055.52	3391.64	3285.19	4374.20	4163.62	2731.47	3659.31	2938.82	4666.38
22	2176.88	3084.41	3521.33	2438.89	2309.88	2220.26	4075.58	3705.61	3987.95	2609.42	3294.23	3030.63
23	2853.82	2393.01	2346.22	2819.89	3218.62	4322.08	3682.06	3748.86	4565.95	3199.81	3925.79	3101.16
24	3191.60	3372.78	4545.94	2370.85	2483.01	4632.46	4596.25	3769.69	3193.07	3100.03	2978.48	3188.77
25	2980.21	2791.35	3032.45	2762.76	2810.61	4694.21	3645.86	3621.39	4196.61	2440.69	4407.16	3999.44
26	2823.48	3059.99	3034.33	2124.92	3929.04	3930.47	3752.98	4301.89	2841.97	4003.44	3189.92	2724.28
27	3044.21	2741.27	2867.26	3250.11	4634.64	3014.41	2528.00	4261.46	3961.04	2227.07	3368.88	3816.06
28	3155.37	2630.68	2846.98	2204.40	4086.65	3653.89	5377.05	4083.19	3003.72	4210.82	3135.38	4232.78
29	2120.61		2249.06	1657.41	2788.37	2594.44	4846.16	3733.19	3365.16	4580.15	3798.12	2249.79
30	2995.04		3285.86	3169.71	3314.06	4913.65	4050.74	2671.09	3076.31	3550.65	2412.56	2913.40
31	3836.41		2533.27		2620.09		3519.42	3238.81		2343.45		3406.80
Min	1835.59	1823.77	1957.21	1657.41	2015.32	2220.26	1630.44	2671.09	2438.27	2227.07	1924.60	2249.79
Mean	2962.49	2817.61	2946.06	2655.77	3017.86	3735.68	3719.41	3972.47	3545.69	3350.20	3306.93	3527.66
Max	3902.37	3808.89	4545.94	3867.27	4634.64	4913.65	5377.05	4914.09	4565.95	4670.01	4419.80	4666.38

Legend: **'---' Missing Data** **'+' No Day**