



WECA DRINKING WATER SYSTEM

PERFORMANCE REPORT

**For the period of
JANUARY 1, 2025 to DECEMBER 31, 2025**

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Weca Drinking Water System Quarterly System Performance Report

Weca Drinking Water System information:

Drinking Water System Number:	220010048
Drinking Water System Name:	Weca Drinking Water System
Drinking Water System Owner:	The Corporation of the Township of Adjala-Tosorontio
Drinking Water System Category:	Large Municipal Residential
Municipal Drinking Water License	097-101, Issue 5 (expires October 24, 2026)
Drinking Water Works Permit	097-201, Issue 4
Permit To Take Water	3524-CUJJBW (expires May 20, 2031)

1. Process Performance & Regulatory Compliance

1.1 Summary of Non-Compliances & AWQIs

From **January 1, 2025 to December 31, 2025:**

- Number of Non-Compliances = **0**
- Number of Adverse Water Quality Incidents (AWQIs) = **0**

The table below summarizes Weca DWS’ performance in accordance with the regulatory limits set out in its MDWL, PTTW and Ontario Regulation 170/03 and 169/03.

2025	Non-Compliances	AWQIs
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	0	0
December	0	0

1.1.1 Description of Non-Compliances

The following is a summary of the requirements of the Act, the regulations, the system’s approval, drinking water works permit, municipal drinking water license, and any orders applicable to the system that were not met at any time during the time period covered by this report; as well as the duration of the failure and the measures that were taken to correct the failure:

Non-Compliance(s)	Duration	Required Actions & Corrective Actions
N/A	N/A	N/A

1.1.2 Description of AWQIs

The following contains details on 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 the Spills Action Centre:

Incident Date (YYYY/MM/DD)	Parameter/ Notice of	Result & Unit	Reporting Summary, Corrective Actions & Resolution
N/A	N/A	N/A	N/A

1.2 Summary of Process Performance

1.2.1 Flow- Raw and Treated

Raw Water: Well #1 (PW1)

During the reporting period, Well #1 (PW1) raw water taking was **within the limits** of the current PTTW (260.60 m³/day).

Raw Water Flow – Well #1 (PW1)					
Timeframe	Average Flow (m ³ /day)	Percent of Allowable Volume	Maximum Flow (m ³ /day)	Percent of Allowable Volume	Total Volume (m ³)
January	32.82	12.59%	61.95	23.77%	1,017.26
February	40.99	15.73%	61.95	23.77%	1,147.74
March	27.84	10.68%	73.66	28.27%	862.93
April	23.61	9.06%	66.28	25.43%	708.15
May	25.68	9.85%	35.86	13.76%	796.04
June	31.69	12.16%	45.20	17.34%	950.59
July	39.25	15.06%	46.71	17.92%	1216.81
August	31.58	12.12%	76.14	29.22%	979.05
September	25.71	9.86%	50.80	19.49%	771.20
October	24.97	9.58%	34.86	13.38%	774.19
November	38.22	14.67%	29.52	11.33%	1,146.59
December	41.87	16.07%	97.60	37.45%	1,256.16

Raw Water Flow – Well #1 (PW1)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
2025	31.94	12.26%	97.60	37.45%	11,626.71

Raw Water: Well #2 (PW2)

During the reporting period, Well #2 (PW2) raw water taking was **within the limits** of the current PTTW (655.20 m³/day).

Raw Water Flow – Well #2 (PW2)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	180.09	27.49%	267.36	40.81%	5,582.87
February	235.68	35.97%	333.02	50.83%	6,599.16
March	135.58	20.69%	257.66	39.33%	4,203.02
April	122.77	18.74%	181.17	27.65%	3,683.17
May	140.27	21.41%	210.43	32.12%	4,348.28
June	166.78	25.45%	288.09	43.97%	5,003.33
July	177.02	27.02%	259.76	39.65%	5,487.58
August	133.45	20.37%	251.30	38.35%	4,136.99
September	92.90	14.18%	121.04	18.47%	2,786.97
October	81.21	12.39%	99.54	15.19%	2,517.58
November	66.99	10.22%	113.99	17.40%	2,009.76
December	50.17	7.66%	76.54	11.68%	1,153.84
2025	133.09	20.31%	333.02	50.83%	47,512.55

Raw Water: Well #3 (PW3A)

During the reporting period, Well #3 (PW3A) raw water taking was **within the limits** of the current PTTW (163.80 m³/day).

Raw Water Flow – Well #3 (PW3A)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	0.00	--	0.00	--	0.00
February	0.00	--	0.00	--	0.00
March	0.00	--	0.00	--	0.00
April	0.00	--	0.00	--	0.00
May	0.00	--	0.00	--	0.00
June	0.00	--	0.00	--	0.00

Raw Water Flow – Well #3 (PW3A)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
July	0.00	--	0.00	--	0.00
August	0.00	--	0.00	--	0.00
September	0.00	--	0.00	--	0.00
October	0.00	--	0.00	--	0.00
November	0.00	--	0.00	--	0.00
December	0.00	--	0.00	--	0.00
2025	0.00	--	0.00	--	0.00

Note that Well #3 (PW3A) and Weca 3 pumphouse are currently offline. PW3A was drilled in 2023 and awaiting Ministry approvals to be placed online.

Treated Water: Pumphouse No. 1

During the reporting period, Weca DWS operated within the rated capacity specified in the MDWL (261 m³/day), for the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system.

Treated Water Flow - Pumphouse No. 1					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
January	32.82	12.57%	61.95	23.74%	1,017.26
February	40.99	15.71%	73.66	28.22%	1,147.74
March	27.84	10.67%	66.28	25.39%	862.93
April	23.61	9.04%	35.86	13.74%	708.15
May	25.68	9.84%	45.20	17.32%	796.04
June	31.69	12.14%	46.71	17.90%	950.59
July	39.25	15.04%	76.14	29.17%	1216.81
August	31.58	12.10%	50.80	19.46%	979.05
September	25.71	9.85%	34.86	13.36%	771.20
October	24.97	9.57%	29.52	11.31%	774.19
November	38.22	14.64%	97.60	37.39%	1,146.59
December	41.87	16.04%	84.60	32.41%	1,256.16
2025	31.94	12.24%	97.60	37.39%	11,626.71

Treated Water: Pumphouse No. 2

During the reporting period, Weca DWS operated within the rated capacity specified in the MDWL (655 m³/day), for the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system.

Treated Water Flow - Pumphouse No. 2					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
January	180.09	27.49%	267.36	40.82%	5,582.87
February	235.68	35.98%	333.02	50.84%	6,599.16
March	135.58	20.70%	257.66	39.34%	4,203.02
April	122.77	18.74%	181.17	27.66%	3,683.17
May	140.27	21.41%	210.43	32.13%	4,348.28
June	166.78	25.46%	288.09	43.98%	5,003.33
July	177.02	27.03%	259.76	39.66%	5,487.58
August	133.45	20.37%	251.30	38.37%	4,136.99
September	92.90	14.18%	121.04	18.48%	2,786.97
October	81.21	12.40%	99.54	15.20%	2,517.58
November	66.99	10.23%	113.99	17.40%	2,009.76
December	50.17	7.66%	76.54	11.69%	1,153.84
2025	133.09	20.32%	333.02	50.84%	47,512.55

Treated Water: Pumphouse No. 3

During the reporting period, Weca DWS operated within the rated capacity specified in the MDWL (137 m³/day), for the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system.

Treated Water Flow - Pumphouse No. 3					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
January	0.00	--	0.00	--	0.00
February	0.00	--	0.00	--	0.00
March	0.00	--	0.00	--	0.00
April	0.00	--	0.00	--	0.00
May	0.00	--	0.00	--	0.00
June	0.00	--	0.00	--	0.00
July	0.00	--	0.00	--	0.00
August	0.00	--	0.00	--	0.00
September	0.00	--	0.00	--	0.00
October	0.00	--	0.00	--	0.00

Treated Water Flow - Pumphouse No. 3					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
November	0.00	--	0.00	--	0.00
December	0.00	--	0.00	--	0.00
2025	0.00	--	0.00	--	0.00

Note that Well #3 (PW3A) and Weca 3 pumphouse are currently offline. PW3A was drilled in 2023 and awaiting Ministry approvals to be placed online.

1.2.2 Water Quality- Microbiological Testing

Raw Water: Well #1 (PW1)

2025	# of Samples	E.Coli (cfu/100mL)			Total Coliforms (cfu/100mL)		
		Minimum	Maximum	Within Limits?*	Minimum	Maximum	Within Limits?*
January	4	0	0	n/a	0	0	n/a
February	4	0	0	n/a	0	0	n/a
March	5	0	0	n/a	0	0	n/a
April	4	0	0	n/a	0	0	n/a
May	4	0	0	n/a	0	0	n/a
June	4	0	0	n/a	0	0	n/a
July	5	0	0	n/a	0	0	n/a
August	4	0	0	n/a	0	1	n/a
September	5	0	0	n/a	0	0	n/a
October	4	0	0	n/a	0	0	n/a
November	4	0	0	n/a	0	0	n/a
December	5	0	0	n/a	0	0	n/a
YTD	52	0	0	n/a	0	1	n/a

*Raw water bacteriological samples do not have regulatory limits.

Raw Water: Well #2 (PW2)

2025	# of Samples	E.Coli (cfu/100mL)			Total Coliforms (cfu/100mL)		
		Minimum	Maximum	Within Limits?*	Minimum	Maximum	Within Limits?*
January	4	0	0	n/a	0	0	n/a
February	4	0	0	n/a	0	0	n/a
March	5	0	0	n/a	0	0	n/a
April	4	0	0	n/a	0	0	n/a

2025	# of Samples	E.Coli (cfu/100mL)			Total Coliforms (cfu/100mL)		
		Minimum	Maximum	Within Limits?*	Minimum	Maximum	Within Limits?*
May	4	0	0	n/a	0	0	n/a
June	4	0	0	n/a	0	0	n/a
July	5	0	0	n/a	0	0	n/a
August	4	0	0	n/a	0	0	n/a
September	5	0	0	n/a	0	0	n/a
October	4	0	0	n/a	0	0	n/a
November	4	0	0	n/a	0	0	n/a
December	4**	0	0	n/a	0	0	n/a
YTD	52	0	0	n/a	0	0	n/a

*Raw water bacteriological samples do not have regulatory limits.

**Weca Well 2 (PW2) was offline the week of December 1, 2025. No raw water samples were taken.

Raw Water: Well #3 (PW3A)

2025	# of Samples	E.Coli (cfu/100mL)			Total Coliforms (cfu/100mL)		
		Minimum	Maximum	Within Limits?*	Minimum	Maximum	Within Limits?*
January	0	--	--	n/a	--	--	n/a
February	0	--	--	n/a	--	--	n/a
March	0	--	--	n/a	--	--	n/a
April	0	--	--	n/a	--	--	n/a
May	0	--	--	n/a	--	--	n/a
June	0	--	--	n/a	--	--	n/a
July	0	--	--	n/a	--	--	n/a
August	0	--	--	n/a	--	--	n/a
September	0	--	--	n/a	--	--	n/a
October	0	--	--	n/a	--	--	n/a
November	0	--	--	n/a	--	--	n/a
December	0	--	--	n/a	--	--	n/a
YTD	0	--	--	n/a	--	--	n/a

*Raw water bacteriological samples do not have regulatory limits. Note that Well #3 (PW3A) and Weca 3 pumphouse are currently offline. PW3A was drilled in 2023 and awaiting Ministry approvals to be placed online – no raw water samples have been taken.

Treated Water – Pumphouse 1

2025	# of Samples	E. Coli (0 cfu/100mL)			Total Coliforms (0 cfu/100mL)			HPC* (cfu/100mL)		
		Min.	Max.	Within Limits?	Min.	Max.	Within Limits?	Min.	Max.	Within Limits?
January	4	0	0	N/A	0	0	N/A	<10	<10	N/A
February	4	0	0	N/A	0	0	N/A	<10	<10	N/A
March	5	0	0	N/A	0	0	N/A	<10	<10	N/A
April	4	0	0	N/A	0	0	N/A	<10	<10	N/A
May	4	0	0	N/A	0	0	N/A	<10	<10	N/A
June	4	0	0	N/A	0	0	N/A	<10	10	N/A
July	5	0	0	N/A	0	0	N/A	<10	<10	N/A
August	4	0	0	N/A	0	0	N/A	<10	<10	N/A
September	5	0	0	N/A	0	0	N/A	<10	10	N/A
October	4	0	0	N/A	0	0	N/A	<10	<10	N/A
November	4	0	0	N/A	0	0	N/A	<10	10	N/A
December	5	0	0	N/A	0	0	N/A	<10	10	N/A
YTD	52	0	0	N/A	0	0	N/A	<10	10	N/A

*There is no regulatory limit for Heterotrophic Plate Count (HPC); it is used as an indicator test.

Treated Water – Pumphouse 2

2025	# of Samples	E. Coli (0 cfu/100mL)			Total Coliforms (0 cfu/100mL)			HPC* (cfu/100mL)		
		Min.	Max.	Within Limits?	Min.	Max.	Within Limits?	Min.	Max.	Within Limits?
January	4	0	0	N/A	0	0	N/A	<10	<10	N/A
February	4	0	0	N/A	0	0	N/A	<10	<10	N/A
March	5	0	0	N/A	0	0	N/A	<10	<10	N/A
April	4	0	0	N/A	0	0	N/A	<10	<10	N/A
May	4	0	0	N/A	0	0	N/A	<10	10	N/A
June	4	0	0	N/A	0	0	N/A	<10	20	N/A
July	5	0	0	N/A	0	0	N/A	<10	<10	N/A
August	4	0	0	N/A	0	0	N/A	<10	10	N/A
September	5	0	0	N/A	0	0	N/A	<10	<10	N/A
October	4	0	0	N/A	0	0	N/A	<10	<10	N/A
November	4	0	0	N/A	0	0	N/A	<10	<10	N/A
December	4**	0	0	N/A	0	0	N/A	<10	<10	N/A
YTD	51	0	0	N/A	0	0	N/A	<10	20	N/A

*There is no regulatory limit for Heterotrophic Plate Count (HPC); it is used as an indicator test.

**Weca Well 2 (PW2) and Pumphouse was offline the week of December 1, 2025. No treated water samples were taken.

Treated Water – Pumphouse 3

2025	# of Samples	E. Coli (0 cfu/100mL)			Total Coliforms (0 cfu/100mL)			HPC* (cfu/100mL)		
		Min.	Max.	Within Limits?	Min.	Max.	Within Limits?	Min.	Max.	Within Limits?
January	0	--	--	N/A	--	--	N/A	--	--	N/A
February	0	--	--	N/A	--	--	N/A	--	--	N/A
March	0	--	--	N/A	--	--	N/A	--	--	N/A
April	0	--	--	N/A	--	--	N/A	--	--	N/A
May	0	--	--	N/A	--	--	N/A	--	--	N/A
June	0	--	--	N/A	--	--	N/A	--	--	N/A
July	0	--	--	N/A	--	--	N/A	--	--	N/A
August	0	--	--	N/A	--	--	N/A	--	--	N/A
September	0	--	--	N/A	--	--	N/A	--	--	N/A
October	0	--	--	N/A	--	--	N/A	--	--	N/A
November	0	--	--	N/A	--	--	N/A	--	--	N/A
December	0	--	--	N/A	--	--	N/A	--	--	N/A
YTD	0	--	--	N/A	--	--	N/A	--	--	N/A

*There is no regulatory limit for Heterotrophic Plate Count (HPC); it is used as an indicator test. *Note that Well #3 (PW3A) and Weca 3 pumphouse are currently offline. PW3A was drilled in 2023 and awaiting Ministry approvals to be placed online, no treated water samples have been taken at the pumphouse.*

Distribution Water

2025	# of Samples	E. Coli (0 cfu/100mL)			Total Coliforms (0 cfu/100mL)			# of HPC Samples	HPC* (cfu/100mL)		
		Min.	Max.	Within Limits?	Min.	Max.	Within Limits?		Min.	Max.	Within Limits?
January	8	0	0	N/A	0	0	N/A	4	<10	<10	N/A
February	8	0	0	N/A	0	0	N/A	4	<10	<10	N/A
March	8	0	0	N/A	0	0	N/A	4	<10	<10	N/A
April	8	0	0	N/A	0	0	N/A	4	<10	<10	N/A
May	8	0	0	N/A	0	0	N/A	4	<10	30	N/A
June	9	0	0	N/A	0	0	N/A	4	<10	10	N/A
July	9	0	0	N/A	0	0	N/A	4	<10	<10	N/A
August	8	0	0	N/A	0	0	N/A	5	<10	60	N/A
Sept.	8	0	0	N/A	0	0	N/A	5	<10	10	N/A
October	8	0	0	N/A	0	0	N/A	4	<10	10	N/A
November	8	0	0	N/A	0	0	N/A	4	<10	10	N/A
December	8	0	0	N/A	0	0	N/A	5	<10	<10	N/A
YTD	98	0	0	N/A	0	0	N/A	51	<10	60	N/A

**There is no regulatory limit for Heterotrophic Plate Count (HPC); it is used as an indicator test. At least 25% of distribution samples must be tested for Heterotrophic Plate Count (HPC).*

1.2.3 Water Quality- Operational Testing

Raw Water: Turbidity

Subsection 7-3 (1) of schedule 7 or O. Reg 170/03 requires that the owner of a drinking water system and the operating authority for the system ensure that a water sample is taken at least once every month, from a location that is before raw water enters the treatment system, and is tested for turbidity. Monthly turbidity grab sampling results are summarized in the table below.

2025	Sample Date (YYYY/MM/DD)	Turbidity- PW1 (NTU)	Turbidity- PW2 (NTU)	Turbidity- PW3 (NTU)
January	2025/01/07	0.28	0.43	--
February	2025/02/07	0.38	0.45	--
March	2025/03/07	0.90	0.36	--
April	2025/04/07	0.21	0.11	--
May	2025/05/07	0.79	0.77	--
June	2025/06/11	0.33	0.65	--
July	2025/07/09	0.28	0.26	--
August	2025/08/05	0.38	0.81	--
September	2025/09/08	0.86	0.92	--
October	2025/10/06	0.56	0.78	--
November	2025/11/10	0.87	0.84	--
December	2025/12/08	0.49	0.37	--
YTD MIN	--	0.21	0.11	--
YTD MAX	--	0.90	0.92	--

Treated Water: Free Chlorine Residual – Pumphouse 1

2025	Minimum (mg/L)	Maximum (mg/L)	CT Met?
January	1.21	3.38	Yes
February	0.65	3.42	Yes
March	0.89	4.99	Yes
April	0.70	1.92	Yes
May	0.76	4.99	Yes
June	0.51	4.99	Yes
July	0.58	3.43	Yes
August	0.91	4.99	Yes
September	0.56	4.80	Yes
October	0.54	4.99	Yes
November	0.89	2.49	Yes

December	0.85	4.99	Yes
YTD	0.51	4.99	---

Treated Water: Free Chlorine Residual – Pumphouse 2

2025	Minimum (mg/L)	Maximum (mg/L)	CT Met?
January	1.03	2.93	Yes
February	1.29	3.05	Yes
March	0.93	5.00	Yes
April	0.55	2.15	Yes
May	0.07*	4.92	Yes
June	1.07	4.92	Yes
July	0.98	4.19	Yes
August	1.08	3.54	Yes
September	0.63	2.87	Yes
October	1.05	3.93	Yes
November	0.89	3.53	Yes
December	0.68	2.93	Yes
YTD	0.07*	5.00	---

**Low chlorine residual on May 18, 2025. Wells locked out on low alarm. Low chlorinated water was flushed out at blowoff prior to entering distribution system. No adverse water sent to users. CT met.*

Distribution Water: Free Chlorine Residual

2025	Minimum (mg/L)	Maximum (mg/L)	Within Limits? (>0.05 mg/L)
January	0.84	1.89	Yes
February	0.89	1.75	Yes
March	0.61	2.20	Yes
April	0.32	1.29	Yes
May	0.73	1.90	Yes
June	0.61	1.98	Yes
July	0.75	2.12	Yes
August	0.81	2.20	Yes
September	0.52	1.77	Yes
October	0.53	1.88	Yes
November	0.58	1.66	Yes
December	0.61	1.83	Yes
YTD	0.32	2.20	Yes

1.2.4 Water Quality- Chemical Testing

Treated Water: Nitrites (Quarterly)

2025	Concentration – Pumphouse 1 (mg/L)	Within Limits? (1 mg/L)	Concentration – Pumphouse 2 (mg/L)	Within Limits? (1 mg/L)
January	0.003 <MDL	Yes	0.003 <MDL	Yes
April	0.003 <MDL	Yes	0.003 <MDL	Yes
July	0.003 <MDL	Yes	0.003 <MDL	Yes
October	0.003 <MDL	Yes	0.003 <MDL	Yes

*Where MDL refers to the Minimum Detection Limit.

Treated Water: Nitrates (Quarterly)

2025	Concentration – Pumphouse 1 (mg/L)	Within Limits? (10 mg/L)	Concentration – Pumphouse 2 (mg/L)	Within Limits? (10 mg/L)
January	0.047	Yes	0.013	Yes
April	0.008	Yes	0.003	Yes
July	0.006 <MDL	Yes	0.009	Yes
October	0.008	Yes	0.013	Yes

*Where MDL refers to the Minimum Detection Limit.

Distribution Water: Trihalomethanes (THMs) (Quarterly)

2025	Concentration (ug/L)	Monthly (Operational) Average (ug/L)	Running Annual Average (ug/L)	Within Limits? (100 ug/L)
January	98.00	66.75	64.4*	Yes
	58.00			
	56.00			
	55.00			
February	78.00	55.25		
	54.00			
	45.00			
	44.00			
March	80.00	64.75		
	62.00			
	65.00			
	52.00			
April	55.00	50.00		
	44.00			

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2025	Concentration (ug/L)	Monthly (Operational) Average (ug/L)	Running Annual Average (ug/L)	Within Limits? (100 ug/L)
	51.00			
	50.00			
May	71.00	70.75		
	71.00			
	83.00			
	58.00			
June	49.00	49.00		
	52.00			
	57.00			
	41.00			
	46.00			
July	67.00	65.40		
	58.00			
	88.00			
	50.00			
	64.00			
August	90.00	70.60		
	69.00			
	92.00			
	54.00			
	48.00			
September	90.00	80.60		
	68.00			
	93.00			
	48.00			
	104.00			
October	99.00	72.83		
	40.00			
	78.00			
	86.00			
	53.00			
	81.00			
November	82.00	68.75		
	60.00			
	77.00			
	56.00			
December	74.00	59.60		

2025	Concentration (ug/L)	Monthly (Operational) Average (ug/L)	Running Annual Average (ug/L)	Within Limits? (100 ug/L)
	56.00			
	73.00			
	66.00			
	29.00			

*Based on the below quarterly sampling periods of all samples taken within the respective quarter:

2025 Quarterly Average: Q1 – 62.25 ug/L

2025 Quarterly Average: Q2 – 56.00 ug/L

2025 Quarterly Average: Q3 – 72.20 ug/L

2025 Quarterly Average: Q4 – 67.33 ug/L

Distribution Water: Haloacetic Acids (HAAs) (Quarterly)

2025	Concentration (ug/L)	Running Annual Average (ug/L)	Within Limits? (80 ug/L)
January	8.2	9.37	Yes
April	10.1	9.55	Yes
July	9.2	9.68	Yes
October	10.9	9.60	Yes

1.2.5 Water Quality- Lead, pH and Alkalinity (Semi-Annual)

Lead Semi-Annual sampling is required every 36 months and twice in the applicable year; once in the period from December 15th to April 15th and once in the period June 15th to October 15th. Lead sampling is next required for **2027**; the latest samples were taken in February and July of 2024 and those results were **within the regulatory limits**.

Alkalinity and pH Semi-Annual sampling is required twice a year; once in the period from December 15th to April 15th and once in the period June 15th to October 15th.

	# of Samples*	Lead (ug/l)			pH		Alkalinity (mg/L)	
		Min	Max	Within Limits? (10 ug/L)	Result	Within Limits?	Result	Within Limits? (30-500 mg/L)
January	1	-	-	-	6.5	Yes	189	Yes
July	2	-	-	-	7.58-766	Yes	201-208	Yes

*Based on the population of the system

1.2.6 Water Quality- Schedule 23 & Schedule 24 (36 Months)

Treated water Schedule 23 & 24 (Inorganic and Organic) chemicals were last tested on **January 15, 2024** and all the sample results were **within the regulatory limits** set out in O.Reg 169/03. The next set of Schedule 23 and Schedule 24 samples are scheduled to be taken in **January, 2027**.

1.2.7 Water Quality- Sodium & Fluoride (60 Months)

The most recent reportable Sodium samples were collected and tested in **2021**, the next set of reportable samples is scheduled to be tested in **2026**. At the request of the NVCA, annual sodium sampling for monitoring purposes has been initiated at the Weca DWS for each TW source. A treated water sample from Pumphouse 1 was taken on January 13, 2025, and the result was 43.10 mg/L. Pumphouse 2 produced a result of 48.10 mg/L. These samples are not reportable as there has been a report in the past 60-months. In 2022, AWQI#157705 at TW1, AWQI#157707 at TW2 and AWQI#157708 at TW3 were reported to the MOH, MECP and SAC as adverse water quality incidents on January 25, 2022 for sodium with results of 47.4 mg/L, 55.5 mg/L and 51.3 mg/L respectively.

Treated water Fluoride was last sampled on **January 18, 2022**. The results were within regulatory limits. The next set of Fluoride samples are required to be taken in **January 2027**.

1.3 Reporting

A summary of the reports submitted by OCWA to/on behalf of the Township of Adjala-Tosorontio's behalf are summarized in the table below:

Report	Submission Frequency	Submit To	Submission Date
Annual Report (Section 11)	Annually	Owner	February 28, 2025
Summary Report (Schedule 22)	Annually	Owner	March 4, 2025

1.3.1 Annual Report (Section 11)

As required by Section 11 of O. Reg 170/03, OCWA prepares a report for the Township that covers the period from January 1 to December 31 by no later than February 28 of the following year. The annual report must:

- a) contain a brief description of the drinking water system, including a list of water treatment chemicals used by the system during the period covered by the report;
- b) summarize any reports made to the Ministry under subsection 18 (1) of the Act or section 16-4 of Schedule 16 during the period covered by the report;
- c) summarize the results of tests required under this Regulation, or under an approval, municipal drinking water license or order, including an OWRA order, during the period covered by the report and, if tests required under this Regulation in respect of a parameter were not required during that period, summarize the most recent results of tests of that parameter;
- d) describe any corrective actions taken under Schedule 17 or 18 during the period covered by the report;

- e) describe any major expenses incurred during the period covered by the report to install, repair or replace required equipment;
- f) in the case of a large municipal residential system or a small municipal residential system, include a statement of where a report prepared under Schedule 22 will be available for inspection under subsection 12 (4); and
- g) in the case of a large municipal residential system, small municipal residential system or non-municipal year-round residential system, specify the number of points sampled during the periods described in subsection 15.1-4 (2) or subsection 15.1-5 (5) of Schedule 15.1 to the Regulation, the number of samples taken, and the number of points where a sample exceeded the prescribed standard for lead during those periods. O. Reg. 170/03, s. 11 (6); O. Reg. 418/09, s. 8; O. Reg. 458/16, s. 6 (1).

“The owner of a drinking water system shall ensure that a copy of an annual report for the system is given, without charge, to every person who requests a copy. If a drinking water system is connected to and receives all of its drinking water from another drinking water system, the owner of the system that obtains the water shall ensure that a copy of an annual report for the system from which the water is obtained is given, without charge, to every person who requests a copy. Every time that an annual report is prepared for a drinking water system, the owner of the system shall ensure that effective steps are taken to advise users of water from the system that copies of the report are available, without charge, and of how a copy may be obtained. If the DWS serves more than 10,000 people, the owner of the system shall ensure that a copy of every report prepared under this section is available to the public at no charge on a website on the Internet.”

1.3.2 Summary Report (Schedule 22)

As required by Schedule 22 of O. Reg 170/03 OCWA prepares a report on behalf of the Township by no later than March 31 each year for the preceding year. This report is to be given to members of council. “The report must,

- a) list the requirements of the Act, the regulations, the system’s approval, drinking water works permit, municipal drinking water license, and any orders applicable to the system that were not met at any time during the period covered by the report; and
- b) for each requirement referred to that was not met, specify the duration of the failure and the measures that were taken to correct the failure.

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows.
2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system’s approval, drinking water works permit or municipal drinking water license, or if the system is receiving all of its water from another system under an agreement pursuant to subsection 5 (4), to the flow rates specified in the written agreement.”

1.4 Third Party Inspections & Results

There was an announced Ministry of Environment, Conservation and Parks (MECP) inspection on **October 7, 2025**; the inspection report and rating are still pending.

1.5 Drinking Water Quality Management Standard (DWQMS)

Refer to Section 1.5 in the Everett DWS Performance Report for the reporting period for more information.

1.5.1 Risk Assessment

Refer to Section 1.5.1 in the Everett DWS Performance Report for the reporting period for more information.

1.5.2 Review & Provision of Infrastructure

Refer to Section 1.5.2 in the Everett DWS Performance Report for the reporting period for more information.

1.5.3 Internal Audits

Refer to Section 1.5.3 in the Everett DWS Performance Report for the reporting period for more information.

1.5.4 External Audits

Refer to Section 1.5.4 in the Everett DWS Performance Report for the reporting period for more information.

1.5.5 Management Review

Refer to Section 1.5.5 in the Everett DWS Performance Report for the reporting period for more information.

2. Operations & Maintenance

2.1 Major & Unscheduled Maintenance

2025	Maintenance, Repair & Capital Summary
January	<ul style="list-style-type: none"> Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) Weekly Facility/Security Checks (PM)
February	<ul style="list-style-type: none"> Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) Weekly Facility/Security Checks (PM) Distribution System Flushing (PM)
March	<ul style="list-style-type: none"> Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) Weekly Facility/Security Checks (PM) Distribution System Flushing (PM)
April	<ul style="list-style-type: none"> Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM)

2025	Maintenance, Repair & Capital Summary
	<ul style="list-style-type: none"> • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM) • Weca 1 pipe repairs (CAP)
May	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM)
June	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM) • Weca Well 1 Probe Replacement (CAP)
July	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM) • Weca PH 3 Electrical Work (CAP)
August	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM)
September	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM)
October	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM)
November	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM)
December	<ul style="list-style-type: none"> • Monthly Testing/Inspection- Alarms, Analyzers, Diesel Genset (PM) • Weekly Facility/Security Checks (PM) • Distribution System Flushing (PM) • Pipework and Pressure Tank Replacements – Weca 2

**Where PM is Preventative Maintenance, CORR is Corrective Maintenance, CAP is Capital/Project Work, and EMER is Emergency Maintenance*

2.2 Call-Ins

2025	# of Call-Ins	Details of Call-Ins
January	2	<ul style="list-style-type: none"> • January 10 – Weca Pumphouse 2 – Low Chlorine Alarm, alarm reset. No other issues • January 18 – Weca Pumphouse 2 – Generator Fault Alarm, alarm cleared. No other issues.

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2025	# of Call-Ins	Details of Call-Ins
February	1	<ul style="list-style-type: none"> February 17 – Distribution – Community Complaint for Water Shut off. No other issues.
March	5	<ul style="list-style-type: none"> March 10 – Weca Pumphouse 2 – High Chlorine Alarm, backflushed and flushed hydrant, chlorine was still high. Continued to flush until residual slowly went down. No other issues. March 15 – Weca Pumphouse 2 – Low Pre-Chlorine Alarm, Primed chlorine lines, flushed and issue resolved. No other issues. March 28 – Weca Pumphouse 2 – Low Pre-Chlorine Alarm, Alarm reset. No other issues. March 30 – Weca Pumphouse 2 – Low Pre-Chlorine Alarm – Alarm reset. March 30 – Weca Pumphouse 2 – Low Pre-Chlorine Alarm – increased chlorine pumps. No other issues.
April	2	<ul style="list-style-type: none"> April 15 – Weca Pumphouse 2 – Low Chlorine Alarm – Alarm reset. April 16 – Weca Pumphouse 2 – Low Chlorine Alarm – Alarm reset. Changed pump heads, caps and electrolyte, forward flushing. resolved
May	4	<ul style="list-style-type: none"> May 3 – Weca Pumphouse 1 – Late to test Alarm. Tested alarms, all ok. May 19 – Weca Pumphouse 1 – Late to test Alarm. Tested Alarms, all ok. May 20 – Weca Pumphouse 2 – Low Chlorine Alarm – changed injectors and primed pumps, forward flushing, increased chlorine dosage. Resolved. May 26 – Weca Pumphouse 1 – Door Alarm. Site attended, no issues. Alarm reset.
June	1	<ul style="list-style-type: none"> June 12 – Weca Pumphouse 1 – Low Chlorine Alarm
July	1	<ul style="list-style-type: none"> July 19 – Weca Pumphouse 1 – Low chlorine alarm
August	1	<ul style="list-style-type: none"> August 23 – Weca Pumphouse 2 – Low chlorine alarm
September	3	<ul style="list-style-type: none"> September 21 – Weca Pumphouse 1 – Door delay alarm September 27 – Weca Pumphouse 1 – Low chlorine alarm September 21 – Weca Pumphouse 2 – Low chlorine alarm
October	2	<ul style="list-style-type: none"> October 4 – Weca Pumphouse 1 – Door Entry Alarm October 15 – Weca Pumphouse 2 – Low pre-chlorine alarm
November	0	<ul style="list-style-type: none"> N/A
December	3	<ul style="list-style-type: none"> December 5 – Weca Distribution – Multiple No Water Complaints December 21 – Weca Pumphouse 1 – Low chlorine alarm December 30 – Weca Pumphouse 2 – Generator run alarm

2.3 Community Complaints/Inquiries

2025	# of Comm. Complaints/ Inquires	Details of Community Complaints
January	0	• n/a
February	1	• February 17 – Resident call for water shut off
March	0	• n/a
April	0	• n/a
May	1	• May 14 – resident call for leak from shutoff. Resident called back to say they resolved issue prior to ops attending address.
June	0	• n/a
July	0	• n/a
August	0	• n/a
September	0	• n/a
October	0	• n/a
November	0	• n/a
December	1	• December 4 – Multiple no water complaints – SAC #1-PVQOUH

**List includes any complaints/inquires that were received by OCWA*