



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

February 21<sup>st</sup>, 2025

Tri-County Water Board

C/O Robin Greenall  
22413 Hoskins Line  
Rodney ON, N0L 2C0

**Re: Requirement Under the Safe Drinking Water Act for a Summary Report**

Dear Mrs. Greenall,

Attached is the 2024 Summary Report for the Tri-County Drinking Water System for January 1st to December 31st, 2024. This report is completed in accordance with Section 11 and Schedule 22 of O. Reg. 170/03, under the Safe Drinking Water Act.

This Summary Report is to be provided to the members of the Tri-County Water Board. Please ensure this distribution by March 31, 2025.

Section 12 of O. Reg. 170/03, requires the Annual Report required under Section 11 of O. Reg. 170/03 and the Summary Report be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at the office of the municipality, or at a location that is reasonably convenient to the users of the water system.

Please feel free to contact me should you require any additional information regarding these reports. I can be reached at 519-870-7841.

Sincerely,

Matthew Belding  
Process and Compliance Technician

c.c. Terri Towstiuic, Municipality of West Elgin, Clerk  
Sam Sianas, OCWA's Regional Hub Manager  
Sam Smith, OCWA's Senior Operations Manager  
Maegan Garber, Safety, Process and Compliance Manager

# Tri-County Drinking Water System

---

Waterworks # 260091117  
System Category – Large Municipal Residential

## Annual Water Report

Prepared For: The Tri-County Water Board

Reporting Period of January 1<sup>st</sup> – December 31<sup>st</sup> 2024

Issued: February 21<sup>st</sup>, 2025

Revision: 0

Operating Authority:



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

## Table of Contents

<b>Annual Water Report</b> .....	<b>1</b>
<b>Revision History</b> .....	<b>1</b>
<b>Report Availability</b> .....	<b>1</b>
<b>Compliance Report Card</b> .....	<b>1</b>
<b>System Process Description</b> .....	<b>2</b>
Raw Source .....	2
Intake .....	2
Low Lift Pumping Station.....	2
Treatment .....	2
Filtration:.....	2
Disinfection .....	3
Process Drain Water.....	3
Treatment Chemicals used during the reporting year .....	3
Distribution .....	3
<b>Summary of Non-Compliance</b> .....	<b>4</b>
Adverse Water Quality Incidents.....	4
Non-Compliance .....	4
Non-Compliance Identified in a Ministry Inspection.....	4
<b>Flows</b> .....	<b>4</b>
Raw Water Flows.....	4
Treated Water Flows .....	5
<b>Regulatory Sample Results Summary</b> .....	<b>6</b>
Microbiological Testing.....	6
Operational Testing .....	6
Inorganic Parameters .....	7
Schedule 15 Sampling .....	7
Organic Parameters .....	8
Additional Legislated Samples.....	9
<b>Major Maintenance Summary</b> .....	<b>10</b>

## Revision History

Date	Revision #	Revision Notes
02/21/2025	0	Report Issued

## Report Availability

This system does not serve more than 10,000 residence and the annual reports will be available to residents at the West Elgin Municipal Office. Notification will be at the Municipal Office and copies provided free of charge, if requested. The West Elgin Municipal Office is located at, 22413 Hoskins Line in the Town of Rodney. The Table below lists the Drinking Water Systems, which receive all their drinking water from the Tri-County Drinking Water System:

Drinking Water System Name	Drinking Water System Number	Copy provided
West Elgin Distribution System	260094627	Yes

## Compliance Report Card

Compliance Event	Date	# of Events
Ministry of Environment Inspections	January 24 <sup>th</sup> , 2024*	1
Ministry of Labour Inspections	N/A	0
QEMS External Audit	September 6 <sup>th</sup> , 2024 November 7 <sup>th</sup> , 2024	2
AWQI's/BWA	N/A	0
Non-Compliance	N/A	0
Community Complaints	N/A	0
Spills	N/A	0
Watermain Breaks	N/A	0

\*The 2024/2025 inspection has not yet been completed.

## System Process Description

### Raw Source

The Tri-County Drinking Water System consists of the Tri-County Water Treatment Plant (WTP) and the Tri-County Transmission Main. The Tri-County WTP is a membrane filtration surface water treatment facility with a total design capacity of 12,160m<sup>3</sup>/day, located at 9210 Graham Road in the Municipality of West Elgin. The low lift pumping station is located south of the WTP at 8662 Graham Road, on the shores of Lake Erie.

The water treatment facility consists of an intake system, a low lift pumping station, a treatment system and distribution pumping system. The Tri-County Drinking Water System serves the following systems: Southwest Middlesex, West Elgin, Dutton-Dunwich, Newbury and Bothwell Distribution Systems. The Southwest Middlesex and West Elgin Distribution Systems receive all their water directly from the Tri-County Drinking Water System. Dutton-Dunwich receives a portion of their water supply from the Tri-County Drinking Water System with the remainder coming from the Southwold Distribution System. Newbury and Bothwell Distribution Systems receive water indirectly from the Tri-County Drinking Water System via the Southwest Middlesex Distribution System.

#### Intake:

The intake consists of one 700mm diameter polyethylene pipe extending approximately 610m into Lake Erie at a depth of 5.7m. A zebra mussel chemical control system is used seasonally. There is a second intake located at the shoreline, this is used only as a backup if required due to water quality or a blockage. The raw water is screened by two coarse screens.

#### Low Lift Pumping Station:

Raw water is pumped from the low lift wet wells by four low lift pumps to the Water Treatment Plant. The WTP has experienced short term episodes where the discoloured water is released to the distribution system causing aesthetic issues. The WTP continuously monitors for dissolved oxygen as an early detection that a problem may be experienced. As well, increased sampling of manganese is conducted during possible episodes. Operations can switch to the standby intake if the dissolved oxygen levels are greater there. A sodium permanganate dosing system is now available to convert dissolved manganese in the raw water to particulate form, which can then be removed by the membrane filtration system.

### Treatment

#### Filtration:

At the water treatment plant the water is pre-filtered by four automatic strainers to protect the filter membranes from coarser particles and algae in the raw water. The raw water pH is lowered if required by the use of carbon dioxide.

After the water has been strained it enters the membrane filtration system which removes fine particles, sediment, algae, protozoa and bacteria. Filtered water can be directed through the UV advanced oxidation process (AOP) unit to the treated water storage tanks.

**Disinfection:**

Disinfection is achieved by the use of sodium hypochlorite for primary disinfection. Note that UV is intended for use with hydrogen peroxide (AOP) for taste and odor control. The treated water is stored in treated water storage tanks where it is pumped into the distribution network by the high lift pumps. Post chlorination of the treated water is done at two points. The first dosing point is upstream of the treated water storage tanks and the second dosing point is downstream of the four high lift pumps before the distribution header.

**Process Drain Water:**

Waste water from the floor drains and online analyzers are directed to the process water handling facilities that include a settling basin and constructed wetlands. Flush water that cleans the pre-strainers and the membranes is also sent to the process water handling facilities.

**Treatment Chemicals used during the reporting year:**

Chemical Name	Use	Supplier
Chlorine Gas	Zebra Mussel Treatment	Lavo
Sodium Hypochlorite 12%	Primary Disinfection	Lavo
Hydrogen Peroxide 50%	Advanced Oxidation	FloChem
Citric Acid 50%*	Cleaning of Membranes	FloChem
Caustic Soda 50%*	Cleaning of Membranes	FloChem
Calcium Thiosulfate (Captor) 30%*	Cleaning of Membranes	FloChem
Carbon Dioxide	pH Control/Adjustment	Air Liquide
Sodium Permanganate	Iron and Manganese control	Brenntag

\*chemicals used in the cleaning process of membranes

**Distribution**

The Tri-County Drinking Water System consists of the Tri-County Water Treatment Plant (WTP) and the Tri-County Transmission Main. The Tri-County Drinking Water System serves the following systems: Southwest Middlesex, West Elgin, Dutton-Dunwich, Newbury and Bothwell Distribution Systems. The Southwest Middlesex and West Elgin Distribution Systems receive all their water directly from the Tri-County Drinking Water System. Dutton-Dunwich receives a portion of their water supply from the Tri-County Drinking Water System with the remainder coming from the Southwold Distribution System. Newbury and Bothwell Distribution Systems receive water indirectly from the Tri-County Drinking Water System via the Southwest Middlesex Distribution System.

## Summary of Non-Compliance

### Adverse Water Quality Incidents

Date	AWQI #	Location	Problem	Details	Legislation	Corrective Action Taken
There were no adverse water quality incidents reported during the reporting period.						

### Non-Compliance

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
There were no non-compliance issues reported during the reporting period.				

### Non-Compliance Identified in a Ministry Inspection:

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
There were no non-compliances identified during this period.				

The Tri-County Drinking Water System was inspected on January 24<sup>th</sup>, 2024 by Provincial Officer, Meghan Morgan of the Ministry of Environment, Conservation and Parks (MECP).

The routine MECP inspections have an Inspection Rating Record, which evaluates the system to provide information for the owner/operator on areas that need to be improved. The particular areas that were evaluated for the Tri-county Drinking Water System were: Source, Capacity Assessment, Treatment Process, Operations Manuals, Logbooks, Certification and Training, Water Quality Monitoring, and Reporting and Corrective Actions. The 2024 inspection report identified no non-compliances and thus received an Inspection Rating Record of 100%.

## Flows

The Tri-County Drinking Water System is classified as a Large Municipal Residential System that operates under Municipal Drinking Water License #043-101, Issue 7, Drinking Water Works Permit #043-201, Issue 8, and Permit to Take Water #5062-C4UG4R. The Permit to Take Water (PTTW) specifies flow rates and total water takings permitted from Lake Erie. For the Tri-County DWS, the maximum flow rate limit is 9,400L/min. The total daily water taking is 13,500m<sup>3</sup>/day. The rated capacity of the plant, as specified in the MDWL, is 12,160m<sup>3</sup>/day of treated water.

### Raw Water Flows

The raw water flows are regulated under Permit to Take Water #5062-C4UG4R. The 2024 raw flow data was submitted to the Ministry of Environment, Conservation and Parks electronically. The confirmation and a copy of the data that was submitted are attached in Appendix B.

The following table is a summary of the raw flows including total, average, maximum daily flows, and

peak flow rates for the reporting period. As well, a comparison of flows to the Permit to Take Water limits. The overall daily taking of water was not exceeded during the reporting period. The Tri-County DWS is at 30.7% capacity for the average daily water-taking limit, which is down by 3.2% from last year.

Month	Total Flow (m <sup>3</sup> )	Average Day Flow (m <sup>3</sup> /day)	% of PTTW Limit	Max Day Flow (m <sup>3</sup> /day)	% of PTTW Limit	Max Day Flow Rates (L/s)	% of PTTW Limit
January	116,239.30	3,749.65	27.8	5,504.80	40.8	131.67	84.0
February	107,040.00	3,691.03	27.3	4,402.20	32.6	121.23	77.4
March	109,571.40	3,534.56	26.2	5,086.90	37.7	121.07	77.3
April	117,496.90	3,916.56	29.0	5,251.70	38.9	122.21	78.0
May	144,198.20	4,651.55	34.5	5,282.30	39.1	143.21	91.4
June	151,759.40	5,058.65	37.5	7,238.60	53.6	130.06	83.0
July	146,501.20	4,725.85	35.0	5,718.50	42.4	119.53	76.3
August	146,989.40	4,741.59	35.1	6,166.90	45.7	132.66	84.7
September	138,129.70	4,604.32	34.1	5,502.90	40.8	133.22	85.0
October	130,817.20	4,219.91	31.3	5,355.50	39.7	131.48	83.9
November	103,576.40	3,452.55	25.6	4,164.60	30.8	125.67	80.2
December	104,766.40	3,379.56	25.0	4,419.60	32.7	132.92	84.8
Total	1,517,085.50	-	-	-	-	-	-
Average	-	4,143.82	30.7	-	-	-	-
Maximum	-	-	-	7,238.60	53.6	143.21	91.4

### Treated Water Flows

The treated water flows are regulated under the Municipal Drinking Water Licence. The design capacity specified in the MDWL is 12,160 m<sup>3</sup>/day.

The following table is a summary of treated water flows including total, average, and maximum daily flows for the reporting period. As well, a comparison of flows to the Municipal Drinking Water Licence (MDWL) rated capacities is provided. The daily average flow for 2024 was 4,030.72m<sup>3</sup>/day, which is a 3.0% decrease when compared to 2023 average daily flows. The maximum daily flow for the reporting period was 6,087.60m<sup>3</sup>/day. The plant is operating at 32.1% of its rated capacity. The Tri-County DWS is capable of meeting its current uses for the system. It is operating at well below the limits set out in the Permit to Take Water and the design capacity for the plant, as specified in the MDWL.



Month	Total Flow (m <sup>3</sup> )	Average Day Flow (m <sup>3</sup> /day)	% of Rated Capacity	Max Day Flow (m <sup>3</sup> /day)	% of Rated Capacity
January	105,034.80	3,388.22	27.9	4,053.10	33.3
February	100,769.30	3,474.80	28.6	4,183.30	34.4
March	103,498.60	3,338.66	27.5	4,660.10	38.3
April	109,719.10	3,657.30	30.1	4,788.30	39.4
May	139,563.70	4,502.05	37.0	5,252.70	43.2
June	138,762.80	4,625.43	38.0	6,087.60	50.1
July	140,069.70	4,518.38	37.2	5,531.00	45.5
August	138,341.70	4,462.64	36.7	5,642.70	46.4
September	130,902.90	4,363.43	35.9	5,473.70	45.0
October	125,820.30	4,058.72	33.4	5,383.90	44.3
November	98,436.60	3,281.22	27.0	3,923.50	32.3
December	100,244.90	3,233.71	26.6	4,010.60	33.0
<b>Total</b>	1,431,164.40	-	-	-	-
<b>Average</b>	-	3,908.71	32.1	-	-
<b>Maximum</b>	-	-	-	6,087.60	50.1

## Regulatory Sample Results Summary

### Microbiological Testing

	No. of Samples Collected	Range of E.Coli Results		Range of Total Coliform Results		Range of HPC Results	
		Min	Max	Min	Max	Min	Max
Raw Water	53	2	<240	2	<13600		
Treated Water	54	0	0	0	0	<10	<10
Distribution Water	109	0	0	0	0	<10	<30

### Operational Testing

	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Turbidity (Rack 1)	8760	0.00	9.99
Turbidity (Rack 2)	8760	0.00	9.99
Turbidity (Rack 3)	8760	0.00	10.00
Turbidity (Rack 4)	8760	0.00	9.99
<b>Free Chlorine</b> (Primary Disinfection)	8760	0.86	2.71
<b>Free Chlorine</b> (Secondary Disinfection)	8760	0.78	1.96

Free Chlorine (Distribution—Grab)	420	0.78	2.06
-----------------------------------	-----	------	------

NOTE: spikes recorded by on-line instrumentation were the result of air bubbles and/or various maintenance/calibration activities. All spikes are reviewed for compliance with O.Reg 170/03.

### Inorganic Parameters

These parameters are tested as a requirement under O.Reg. 170/03. Sodium and Fluoride are required to be tested every 60 months. Nitrate and Nitrite's are tested quarterly and the metals are tested annually as required 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.

- MAC = Maximum Allowable Concentration as per O.Reg 169/03
- MDL =Method Detection Limit

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
<b>Treated Water</b>					
Antimony: Sb (ug/L) - TW	2024/01/22	<MDL 0.6	6.0	0	0
Arsenic: As (ug/L) - TW	2024/01/22	0.7	10.0	0	0
Barium: Ba (ug/L) - TW	2024/01/22	23.1	1000.0	0	0
Boron: B (ug/L) - TW	2024/01/22	20	5000.0	0	0
Cadmium: Cd (ug/L) - TW	2024/01/22	0.006	5.0	0	0
Chromium: Cr (ug/L) - TW	2024/01/22	<MDL 0.08	50.0	0	0
Mercury: Hg (ug/L) - TW	2024/01/22	<MDL 0.01	1.0	0	0
Selenium: Se (ug/L) - TW	2024/01/22	0.12	50.0	0	0
Uranium: U (ug/L) - TW	2024/01/22	0.403	20.0	0	0
<b>Additional Inorganics</b>					
Fluoride (mg/L) - TW	2024/05/21	0.09	1.5	0	0
Nitrite (mg/L) - TW	2024/01/02	<MDL 0.003	1.0	0	0
Nitrite (mg/L) - TW	2024/04/02	<MDL 0.003	1.0	0	0
Nitrite (mg/L) - TW	2024/07/02	<MDL 0.003	1.0	0	0
Nitrite (mg/L) - TW	2024/10/01	<MDL 0.003	1.0	0	0
Nitrate (mg/L) - TW	2024/01/02	0.293	10.0	0	0
Nitrate (mg/L) - TW	2024/04/02	0.212	10.0	0	0
Nitrate (mg/L) - TW	2024/07/02	0.146	10.0	0	0
Nitrate (mg/L) - TW	2024/10/01	0.066	10.0	0	0
Sodium: Na (mg/L) - TW	2024/05/21	9.98	20*	0	0

\*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L.

### Schedule 15.1 Sampling:

Schedule 15.1 sampling is required under O.Reg 170/03. The Tri-County Drinking Water system is under reduced sampling. No plumbing samples were collected.

Distribution System	Number of Sampling Points	Number of Samples	Range of Results		MAC (ug/L)	Number of Exceedances
			Minimum	Maximum		
Alkalinity (mg/L)	4	8	96	109	N/A	N/A
pH	4	8	6.97	7.62	N/A	N/A
Lead (ug/l)	2	4	0.02	0.03	10	0

## 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
<b>Treated Water</b>					
Alachlor (ug/L) - TW	2024/01/22	<MDL 0.02	5.0	0	0
Atrazine + N-dealkylated metabolites (ug/L) - TW	2024/01/22	0.08	5.0	0	0
Azinphos-methyl (ug/L) - TW	2024/01/22	<MDL 0.05	20.0	0	0
Benzene (ug/L) - TW	2024/01/22	<MDL 0.32	1.0	0	0
Benzo(a)pyrene (ug/L) - TW	2024/01/22	<MDL 0.004	0.01	0	0
Bromoxynil (ug/L) - TW	2024/01/22	<MDL 0.33	5.0	0	0
Carbaryl (ug/L) - TW	2024/01/22	<MDL 0.05	90.0	0	0
Carbofuran (ug/L) - TW	2024/01/22	<MDL 0.01	90.0	0	0
Carbon Tetrachloride (ug/L) - TW	2024/01/22	<MDL 0.17	2.0	0	0
Chlorpyrifos (ug/L) - TW	2024/01/22	<MDL 0.02	90.0	0	0
Diazinon (ug/L) - TW	2024/01/22	<MDL 0.02	20.0	0	0
Dicamba (ug/L) - TW	2024/01/22	<MDL 0.2	120.0	0	0
1,2-Dichlorobenzene (ug/L) - TW	2024/01/22	<MDL 0.41	200.0	0	0
1,4-Dichlorobenzene (ug/L) - TW	2024/01/22	<MDL 0.36	5.0	0	0
1,2-Dichloroethane (ug/L) - TW	2024/01/22	<MDL 0.35	5.0	0	0
1,1-Dichloroethylene (ug/L) - TW	2024/01/22	<MDL 0.33	14.0	0	0
Dichloromethane (Methylene Chloride) (ug/L) - TW	2024/01/22	<MDL 0.35	50.0	0	0
2,4-Dichlorophenol (ug/L) - TW	2024/01/22	<MDL 0.15	900.0	0	0
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2024/01/22	<MDL 0.19	100.0	0	0
Diclofop-methyl (ug/L) - TW	2024/01/22	<MDL 0.4	9.0	0	0
Dimethoate (ug/L) - TW	2024/01/22	<MDL 0.06	20.0	0	0
Diquat (ug/L) - TW	2024/01/22	<MDL 1.0	70.0	0	0
Diuron (ug/L) - TW	2024/01/22	<MDL 0.03	150.0	0	0
Glyphosate (ug/L) - TW	2024/01/22	<MDL 1.0	280.0	0	0
Malathion (ug/L) - TW	2024/01/22	<MDL 0.02	190.0	0	0
2-Methyl-4chlorophenoxyacetic Acid (MCPA) (ug/L)	2024/01/22	<MDL 0.12	100.0	0	0
Metolachlor (ug/L) - TW	2024/01/22	0.02	50.0	0	0
Metribuzin (ug/L) - TW	2024/01/22	<MDL 0.02	80.0	0	0
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2024/01/22	<MDL 0.3	80.0	0	0
Paraquat (ug/L) - TW	2024/01/22	<MDL 1.0	10.0	0	0
PCB (ug/L) - TW	2024/01/22	<MDL 0.04	60.0	0	0
Pentachlorophenol (ug/L) - TW	2024/01/22	<MDL 0.15	3.0	0	0
Phorate (ug/L) - TW	2024/01/22	<MDL 0.01	2.0	0	0

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Picloram (ug/L) - TW	2024/01/22	<MDL 1.0	190.0	0	0
Prometryne (ug/L) - TW	2024/01/22	<MDL 0.03	1.0	0	0
Simazine (ug/L) - TW	2024/01/22	<MDL 0.01	10.0	0	0
Terbufos (ug/L) - TW	2024/01/22	<MDL 0.01	1.0	0	0
Tetrachloroethylene (ug/L) - TW	2024/01/22	<MDL 0.35	10.0	0	0
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2024/01/22	<MDL 0.20	100.0	0	0
Triallate (ug/L) - TW	2024/01/22	<MDL 0.01	230.0	0	0
Trichloroethylene (ug/L) - TW	2024/01/22	<MDL 0.44	5.0	0	0
2,4,6-Trichlorophenol (ug/L) - TW	2024/01/22	<MDL 0.25	5.0	0	0
Trifluralin (ug/L) - TW	2024/01/22	<MDL 0.02	45.0	0	0
Vinyl Chloride (ug/L) - TW	2024/01/22	<MDL 0.17	1.0	0	0
<b>Distribution Water</b>					
Trihalomethane: Total (ug/L) Annual Average - DW	2024	49.00	100	0	0
HAA Total (ug/L) Annual Average - DW	2024	28.48	80	0	0

MAC = Maximum Allowable Concentration as per O.Reg 169/03

MDL = MethodDetection Limit

**Additional Legislated Samples**

Date of legal instrument issued	Parameter	Date Sampled	Result	Maximum Annual Average	Unit of Measure
2024-06-13	Suspended Solids	2024-01-02	9	25	mg/L
		2024-02-05	16		
		2024-03-04	17		
		2024-04-02	11		
		2024-05-06	5		
		2024-06-03	4		
		2024-07-02	3		
		2024-08-06	3		
		2024-09-03	6		
		2024-10-01	14		
		2024-11-04	5		
		2024-12-02	3		

## Major Maintenance Summary

Details
<ul style="list-style-type: none"><li>-SCADA/PLC Upgrades-Based off of 2021 Report</li><li>-Chlorine Analyzer Replacement</li><li>-Chlorine Gas Dosing System</li><li>-UV System upgrades</li><li>-Storage Tank Inspections</li><li>-Natrulized Settling Ponds-Phragmites Control</li><li>-Replacement of PALL Membranes – Rack#2</li><li>-Raw wetwell maintenance/repairs</li><li>-Lowlift and Associated Building Repairs Fund (IRC BCA Recommendations)</li><li>-WTP Building Fund (IRC BCA Recommendations)</li><li>-Discharge Header: Repair/Replace failing stainless steel piping</li><li>-West Lorne Standpipe Refurbishment/Repainting Reserve Contribution</li><li>-Remote Chamber Refurbishment</li><li>-West Lorne Standpipe Inspection</li><li>-UPS Replacement</li><li>-Strainers:Purchase of Critical Spare Parts</li><li>-Pneumatic Actuators</li><li>-In-plant Process Motors/Pumps replacements</li><li>- Generator repairs/maintenance</li><li>- Compressor servicing/maintenance</li><li>- Replaced storage tank drain valve</li><li>- Replaced actuator valves on flow control valves</li><li>- New heaters in low lift and chlorine building</li><li>- Graffiti removal from standpipe</li><li>- Replaced PLC and fixed programming with high lift pumps</li><li>- Fence installation</li><li>- Repair leak on standpipe altitude valve</li><li>- High lift header replacement</li><li>- Replaced PLC card to fix UV MCP/UV inlet &amp; outlet valves</li><li>- New CL17 analyzer installed/ SCADA upgrades</li><li>- ROV inspections of storage tanks</li><li>- Replaced relay on UV1</li><li>- Replaced low lift exhaust fan</li></ul>

# Appendix A

---

## WTRS Data and Submission Confirmation

**Water Taking Data submitted successfully.**

**Confirmation:**

Thank you for submitting your water taking data online.

Permit Number: 5062-C4UG4R  
Permit Holder: TRI COUNTY WATER BOARD.  
Received on: Jan 29, 2025 2:40 PM

This confirmation indicates that your data has been received by the Ministry, but should not be construed as acceptance of this data if it differs from that specified on the Permit Number, assigned to the Permit Holder stated above.

[Return to Main Page](#)

MUNICIPALITY OF WEST ELGIN | 2025/01/29  
version: v4.5.0.21 (build#: 22)  
Last modified: 2018/09/18