Echo Bay Water Treatment

Large Municipal Residential Drinking Water System

January 1, 2025 – December 31, 2025

Reg 170/03 Schedule 22 Summary Report
Reg 170/03 Section 11 Annual Report
&
Reg 387/04 Annual Record of Water Taking

Prepared by the Ontario Clean Water Agency
For The Corporation of the Township of Macdonald, Meredith and Aberdeen Additional

Drinking-Water System Number:	*220009121*
Drinking-Water System Name:	*Echo Bay Drinking Water System*
Drinking-Water System Owner:	*The Corp. of the Township of Macdonald, Meredith and Aberdeen Additional*
Drinking-Water System Category:	*Large Municipal Residential*

SECTION 1: INTRODUCTION

This document is prepared in accordance with Section 11 and Schedule 22 of O.Reg.170/03 under the Safe Drinking Water Act and with Section 9 of O.Reg.387/04 under the Ontario Water Resources Act. The reports are prepared by the Ontario Clean Water Agency. Acronyms and definitions can be found at the end of the report.

A copy of the Summary Report must be provided to the members of the municipal council by March 31, 2026.

SECTION 2: REQUIREMENTS OF THE REPORTS

2.1 Schedule 22 Report

The report must list the requirements of the Act, the regulations, the system's approval and any order that the system **failed to meet** at any time during the period covered by the report. It must also specify the duration of the failure, and for each failure referred to, describe the measures that were taken to correct the failure.
For the purpose of enabling the owner of the system to assess the rated capability of their system to meet existing and future planned water uses, the following information is required to be included in this report:

- 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.
- A comparison of the summary to the rated capacity and flow rates approved in the systems approval.

2.2 Section 11 Report

The annual report must contain the following:

- A brief description of the drinking water system and a list of chemicals used by the system.
- A description of any major expenses incurred during the period covered by the report to install, repair or replace required equipment.
- A summary of all adverse water quality incidents (AWQI) reported to the Ministry
- A summary of corrective actions taken in response all AWQIs
- A summary of all test results required under the regulation, under an approval, municipal drinking water licence or order, including an OWRA order.
- A statement of where a Schedule 22 report will be available for inspection.

The report must be prepared not later than February 28 of the following year.

2.3 Regulation 387 Report

On or before March 31 in every year, every holder of a permit to take water (PTTW) shall submit to a Director the data collected and recorded for the previous year.

A record of annual water taking can be found in Appendix A.

SECTION 3: SCHEDULE 22 REPORT

3.1 Flows - Treated

In accordance with the Municipal Drinking Water License (MDWL), the Echo Bay WTP shall not be operated to exceed a maximum flow of 1,416 m^3/d to the distribution system.

The daily treated water maximum flow was 560.3 m^3 in November and represents 39.6% of capacity. In 2025, the total volume of water sent to the distribution system was 54,167.5 m^3.

The quantity of treated water supplied during the reporting period **did not** exceed the rated maximum capacity.

TREATED WATER FLOW DATA				
Month	**Total Monthly Flow (m^3)**	**Average Flow (m^3/d)**	**Maximum Flow (m^3/d)**	**Limit**
				Rated Capacity m^3/d
January	4912.30	158.46	251.60	1,416
February	4370.00	156.07	194.80	1,416
March	4851.80	156.51	176.70	1,416
April	4630.90	154.36	194.50	1,416
May	5307.90	171.22	388.40	1,416
June	7029.80	234.33	395.10	1,416
July	4991.80	161.03	211.40	1,416
August	4560.50	147.11	179.90	1,416
September	3331.90	111.06	168.70	1,416
October	2184.30	70.46	97.80	1,416
November	3085.70	102.86	560.30	1,416
December	4910.60	158.41	307.10	1,416
Total	54,167.50			
Average		148.49		
Maximum			560.30	1,416

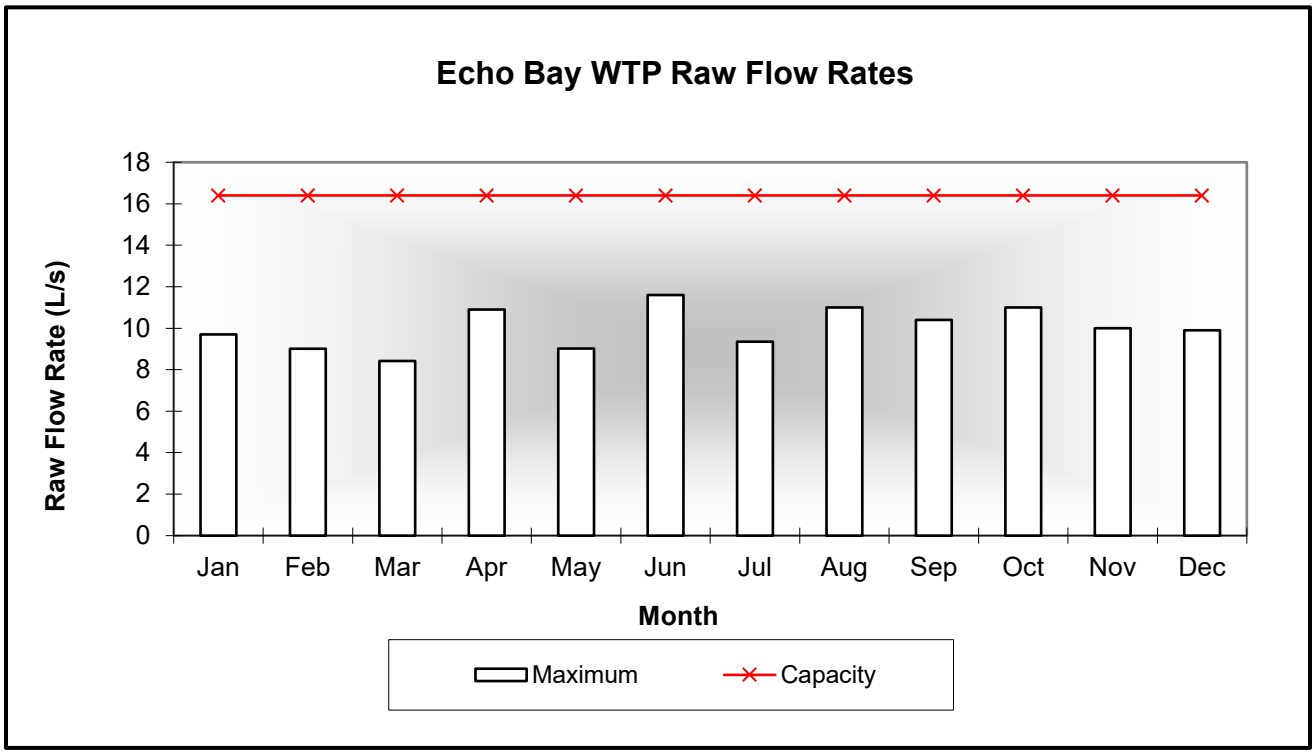
3.2 Flows - Raw

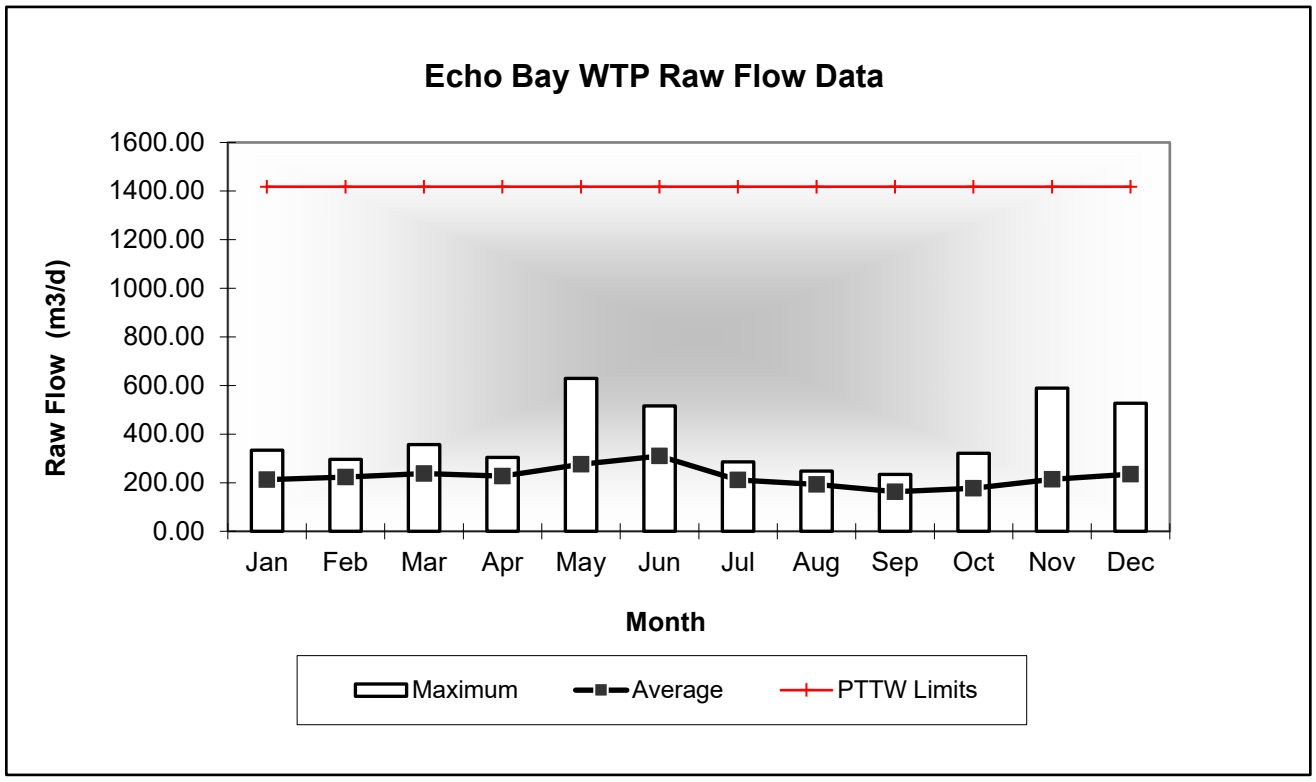
Daily raw maximum instantaneous flow is stated in the PTTW at a maximum rate of flow of 16.4 L/s and a maximum daily volume of 1,418 m^3/d.

The average monthly raw water flow for this reporting period was 223.30 m^3/d. The maximum daily flow was 629.1 m^3/d representing 44.4% of water taking limits. In 2025, the total volume of water taken from the environment was 81,484.90 m^3.

The quantity of raw water taken **did not** exceed any limits stipulated within the PTTW.

RAW WATER FLOW DATA – *Lake George (St. Mary's River)*						
Month	**Total Monthly Flow (m^3)**	**Average Flow (m^3/d)**	**Maximum Flow (m^3/d)**	**Maximum Flow Rate (L/s)**	**Limits**	
					L/s (PTTW)	**m^3/d (PTTW)**
January	6,598.70	212.86	333.70	9.70	16.4	1,418
February	6,253.10	223.32	296.00	9.01	16.4	1,418
March	7,383.40	238.17	356.80	8.42	16.4	1,418
April	6,824.70	227.49	304.00	10.90	16.4	1,418
May	8,565.10	276.29	629.10	9.02	16.4	1,418
June	9,288.70	309.62	515.90	11.60	16.4	1,418
July	6,543.00	211.06	285.60	9.35	16.4	1,418
August	5,978.10	192.84	247.80	11.00	16.4	1,418
September	4,888.30	162.94	234.00	10.40	16.4	1,418
October	5,472.00	176.52	321.00	11.00	16.4	1,418
November	6,426.50	214.22	589.10	10.00	16.4	1,418
December	7,263.30	234.30	526.90	9.90	16.4	1,418
Total	81,484.90					
Average		223.30				
Maximum			629.10	8.94	16.4	1,418





3.3 Annual Raw Water Review

Raw Water Taking	Total Taking (m^3/d)	Average Day (m^3/d)	Max Day (m^3/d)	Max Day % of PTTW allowable 1000 (m^3/d)
2025	81,484.9	223.30	629.10	44.4%
2024	74,962.20	204.77	538.10	38%
2023	90,082.8	246.80	537.5	38%
2022	76,210.0	208.80	519.0	37%
2021	69,277.6	189.80	368.3	26%
2020	66,228.1	180.95	474.9	33.5%
2019	63,695.2	174.51	370.0	26.1%

3.4 System Failures and Corrective Actions

The latest inspection of the drinking water facility took place on October 30, 2025. The facility scored 0/572 providing a rating of 100%.

No non compliances were reported to the MECP in 2025.

3.5 AWQIs Reported to the Ministry

Incident Date	Parameter	Result	Unit of Measure	Corrective Action/Comment	Corrective Action Date
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 4: SECTION 11 REPORT

4.1 Information to be provided

Population Served	*530*
Does your Drinking-Water System serve more than 10,000 people?	*No*
Is your annual report available to the public at no charge on a web site on the Internet?	*Yes*
Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.	*Township of Macdonald, Meredith and Aberdeen Additional, Municipal Office 208 Church St Echo Bay, Ontario P0S 1C0*
Number of Designated Facilities served:	*0*
Did you provide a copy of your annual report to all Designated Facilities you serve?	*NA*
Number of Interested Authorities you report to:	*0*
Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?	*NA*
List all Drinking-Water Systems (if any), and their DWS Number which receive all of their drinking water from your system:	*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?	*NA*
Indicate how you notified system users that your annual report is available, and is free of charge.	*Public access/notice via the web*
Indicate if you notified system users that your annual report is available and is free of charge using an alternate method	*YES*

4.2 Facility Description

Raw water drawn from Lake George is processed into potable water by the package water treatment plant through coagulation, flocculation, sedimentation, and filtration. Alum is used to assist the clarification process, chlorination is used for disinfection purposes, and Sodium Hydroxide (Caustic) is used for pH adjustment. The granular activated carbon filters are used primarily as a safeguard against the presence of organics in the supply water, as well as to prevent possible taste and odor problems. The rated capacity of the system is 1,416m^3. Water is directed into two clearwells with a total storage volume of 630m^3 and four high lift pumps supply water to the Town and the elevated storage tank. A surge tank serves as backwash water storage from the dual media filters and GAC filters. Two submersible pumps convey wastewater from the surge tank to the wastewater clarifier in the attached sewage treatment plant. Stand-by power is available from a 180kW diesel generator.

4.3 Chemicals Used

Aluminum Sulphate	Coagulation
Sodium Hypochlorite 12%	Disinfection
Sodium Hydroxide	Sodium Hydroxide

4.4 Significant Expenses

Significant expenses incurred to

[] Install required equipment
[X] Repair required equipment
[X] Replace required equipment

Work Order	Completion Date	Comment
4556098	August 2025	Replaced a failed main breaker in the generator
4763427/4864318	November 2025	Water tower painting and general maintenance – September to November

4.5 Adverse Water Quality Incidents

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre					
Incident Date	**Parameter**	**Result**	**Unit of Measure**	**Corrective Action/Comment**	**Corrective Action Date**
N/A	N/A	N/A	N/A	N/A	N/A

4.6 Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03

	No. of Samples	Range of E. Coli		Range of Total Coliform Results		Number of HPC	Range of HPC Results	
	Collected	Min #	Max #	Min #	Max #	Collected	Min #	Max #
Raw Water	52	0	5	0	NDOGT	0	N/A	N/A
Treated Water	52	0	0	0	0	52	0	4
Distribution	107	0	0	0	0	53	0	2

4.7 Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03

	No. of Samples	Range of Results		Units of Measure
	Collected	Minimum	Maximum	
Turbidity, On-Line - Filter 1	8760	0.02	4.94	NTU
Turbidity, On-Line - Filter 2	8760	0.00	4.99	NTU
Free Chlorine Residual, Treated	8760	0.77	3.00	mg/L
Free Chlorine Residual – DW 1	104	0.34	1.61	mg/L
Free Chlorine Residual – DW 2	104	0.44	1.67	mg/L
Free Chlorine Residual – DW 3	104	0.59	1.51	mg/L
Free Chlorine Residual – DW 4	51	0.63	1.66	mg/L

4.8 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 and limits	Month Sampled	Day Sampled	Result	Unit of Measure
N/A	N/A	N/A	N/A	N/A	N/A
		Annual Average			mg/L

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

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
TREATED WATER				MAC	1/2 MAC
Antimony: Sb (ug/L) - TW	2025/01/06	< MDL 0.6	6	No	No
Arsenic: As (ug/L) - TW	2025/01/06	< MDL 0.2	10	No	No
Barium: Ba (ug/L) - TW	2025/01/06	6.98	1000	No	No
Boron: B (ug/L) - TW	2025/01/06	7	5000	No	No
Cadmium: Cd (ug/L) - TW	2025/01/06	0.006	5	No	No
Chromium: Cr (ug/L) - TW	2025/01/06	0.17	50	No	No
Mercury: Hg (ug/L) - TW	2025/01/06	< MDL 0.01	1	No	No
Selenium: Se (ug/L) - TW	2025/01/06	0.05	50	No	No

Uranium: U (ug/L) - TW	2025/01/06	< MDL 0.002	20	No	No

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
TREATED WATER				MAC	1/2 MAC
Fluoride (mg/L) - TW	2021/01/27	< MDL 0.06	1.5	No	No
Nitrate: (mg/L) - TW	2025/01/13	0.368	10	No	No
Nitrate: (mg/L) - TW	2025/04/14	0.388	10	No	No
Nitrate: (mg/L) - TW	2025/07/03	0.359	10	No	No
Nitrate: (mg/L) - TW	2025/10/02	0.363	10	No	No
Nitrite: (mg/L) - TW	2025/01/13	< MDL 0.003	1	No	No
Nitrite: (mg/L) - TW	2025/04/14	< MDL 0.003	1	No	No
Nitrite: (mg/L) - TW	2025/07/03	< MDL 0.003	1	No	No
Nitrite: (mg/L) - TW	2025/10/02	< MDL 0.003	1	No	No
Sodium / Na (mg/L) - TW	2021/01/27	5.42	20*	No	No

*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.

4.10 Summary of Lead testing under Schedule 15.1 during this reporting period

Location Type	No. of Samples	Range of Results Minimum	Range of Results Maximum	MAC (ug/L)	Number of Exceedances
Distribution - Lead Results (ug/L)	0	N/A	N/A	10	0
Distribution - Alkalinity (mg/L)	2	34	34	n/a	n/a
Distribution - pH In-House	2	7.49	7.51	n/a	n/a

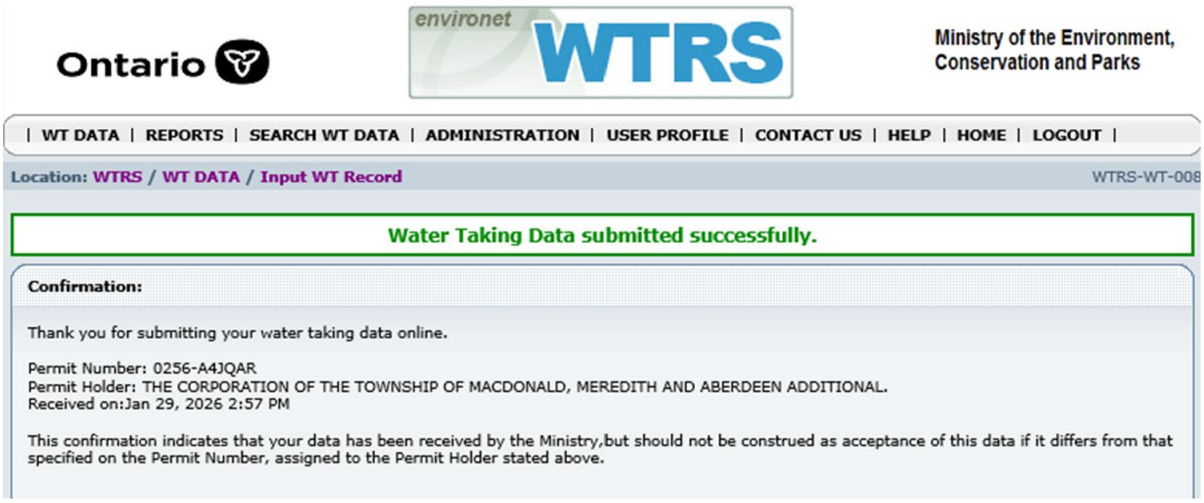
4.11 Summary of Organic parameters sampled during this reporting period or the most recent sample results

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances MAC	1/2 MAC
1,1-Dichloroethylene (ug/L)-TW	2025/01/06	< MDL 0.33	14	No	No
1,2-Dichlorobenzene (ug/L)-TW	2025/01/06	< MDL 0.41	200	No	No
1,2-Dichloroethane (ug/L)-TW	2025/01/06	< MDL 0.35	5	No	No
1,4-Dichlorobenzene (ug/L)-TW	2025/01/06	< MDL 0.36	5	No	No
2,3,4,6-Tetrachlorophenol (ug/L)-TW	2025/01/06	< MDL 0.2	100	No	No
2,4,6-Trichlorophenol (ug/L)-TW	2025/01/06	< MDL 0.25	5	No	No
2,4-Dichlorophenol (ug/L)-TW	2025/01/06	< MDL 0.15	900	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L)-TW	2025/01/06	< MDL 0.19	100	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L)-TW	2025/01/06	< MDL 0.12	100	No	No
Alachlor (ug/L) -TW	2025/01/06	< MDL 0.02	5	No	No
Atrazine + N-dealkylated metabolites (ug/L)-TW	2025/01/06	< MDL 0.01	5	No	No
Azinphos-methyl (ug/L)-TW	2025/01/06	< MDL 0.05	20	No	No

Benzene (ug/L)-TW	2025/01/06	< MDL 0.32	1	No	No
Benzo(a)pyrene (ug/L)-TW	2025/01/06	< MDL 0.004	0.01	No	No
Bromoxynil (ug/L)-TW	2025/01/06	< MDL 0.33	5	No	No
Carbaryl (ug/L)-TW	2025/01/06	< MDL 0.05	90	No	No
Carbofuran (ug/L) -TW	2025/01/06	< MDL 0.01	90	No	No
Carbon Tetrachloride (ug/L) -TW	2025/01/06	< MDL 0.17	2	No	No
Chlorpyrifos (ug/L) -TW	2025/01/06	< MDL 0.02	90	No	No
Diazinon (ug/L)-TW	2025/01/06	< MDL 0.02	20	No	No
Dicamba (ug/L)-TW	2025/01/06	< MDL 0.2	120	No	No
Dichloromethane (Methylene Chloride) (ug/L)-TW	2025/01/06	< MDL 0.35	50	No	No
Diclofop-methyl (ug/L)-TW	2025/01/06	< MDL 0.4	9	No	No
Dimethoate (ug/L)-TW	2025/01/06	< MDL 0.06	20	No	No
Diquat (ug/L)-TW	2025/01/06	< MDL 1	70	No	No
Diuron (ug/L)-TW	2025/01/06	< MDL 0.03	150	No	No
Glyphosate (ug/L)-TW	2025/01/06	< MDL 1	280	No	No
Malathion (ug/L)-TW	2025/01/06	< MDL 0.02	190	No	No
Metolachlor (ug/L)-TW	2025/01/06	< MDL 0.01	50	No	No
Metribuzin (ug/L)-TW	2025/01/06	< MDL 0.02	80	No	No
Monochlorobenzene (Chlorobenzene) (ug/L)-TW	2025/01/06	< MDL 0.3	80	No	No
Paraquat (ug/L)-TW	2025/01/06	< MDL 1	10	No	No
PCB (ug/L)-TW	2025/01/06	< MDL 0.04	3	No	No
Pentachlorophenol (ug/L)-TW	2025/01/06	< MDL 0.15	60	No	No
Phorate (ug/L)-TW	2025/01/06	< MDL 0.01	2	No	No
Picloram (ug/L)-TW	2025/01/06	< MDL 1	190	No	No
Prometryne (ug/L)-TW	2025/01/06	< MDL 0.03	1	No	No
Simazine (ug/L)-TW	2025/01/06	< MDL 0.01	10	No	No
Terbufos (ug/L)-TW	2025/01/06	< MDL 0.01	1	No	No
Tetrachloroethylene (ug/L)-TW	2025/01/06	< MDL 0.35	10	No	No
Triallate (ug/L) -TW	2025/01/06	< MDL 0.01	230	No	No
Trichloroethylene (ug/L)-TW	2025/01/06	< MDL 0.44	5	No	No
Trifluralin (ug/L)-TW	2025/01/06	< MDL 0.02	45	No	No
Vinyl Chloride (ug/L)-TW	2025/01/06	< MDL 0.17	1	No	No
DISTRIBUTION WATER					
HAA Total (ug/L) Annual Average – DW	2025/01/01	10.825	80.00	No	**Yes**
Trihalomethane: Total (ug/L) Annual Average - DW	2025/01/01	31.75	100.00	No	**Yes**

SECTION 5: RAW WATER SUBMISSIONS

Raw water flows were submitted to the MECP on January 29, 2026



SECTION 6: CONCLUSION

The Echo Bay WTP delivers water that, in all its treated and distribution samples, indicates the water to be free of bacteriological contamination.

Based on information available for the 2025 operating year, the Echo Bay WTP was able to meet the demand of water use without exceeding the PTTW or the MDWL.

List of Acronyms and Definitions

Alkalinity	The capacity of water for neutralizing an acid solution
AWQI	Adverse Water Quality Incident- when a water sample test result exceeds the Ontario Drinking Water Quality Standards
Backwash	Water pumped backwards to clean filters
BWA	Boil Water Advisory; Issued when risk of contamination is possible in drinking water
CFU	Colony Forming Units
Chlorine Residual	A low level of chlorine remaining in water after disinfection occurs
DW	Distribution Water
DWA	Drinking Water Advisory; Issued when water cannot be consumed by any means
DWWP	Drinking Water Works Permit - provides a description of the overall system
E. Coli	Bacteria used as indicators to measure the degree of pollution and sanitary quality of water
GUDI 170/03	Groundwater Under Direct Influence – Considered to be surface water under O. Reg
HPC	Heterotrophic Plant Count
L/s	Litres per Second
m^3/d	Cubic Metres per Day
MAC	Maximum Acceptable Concentration
MDL	Minimum Detection Level
MDWL requirements	Municipal Drinking Water Licence - relates to the operation and performance
mg/L	Miligrams per Litre
Ministry	Ministry of the Environment, Conservation and Parks
MECP	Ministry of the Environment, Conservation and Parks
NDOGN	No Data: Overgrown with Non-Target Bacteria
NDOGT	No Data: Overgrown with Target Bacteria
O. Reg	Ontario Regulation
PTTW water	Permit to Take Water – Permit which allows water taking from groundwater or surface
RW	Raw Water
TC	Total Coliforms
TSS	Total Suspended Solids
Turbidity	Cloudiness or haziness of water
TW	Treated Water

Appendix A

Raw Water Flows

Ontario Clean Water Agency
Annual Water Taking and Transfer Report

From 1/1/2025 To 12/31/2025

Facility: ECHO BAY DRINKING WATER SYSTEM - 5057
Tag: Flow: Sum(m³/d)
Tag Group: RW

Permit#:	0256-A4JQAR	Coordinate Zone:	16
Source Name:	Lake George (St. Mary's River)	Easting:	722981
Source:	Lake	Northing:	5152672
Type:		Method deter:	Metered
Purpose:	Municipal		

Date Measured	Value (m³/d)	Value(Liters)
01/01/2025	242.5000	242500.0000
02/01/2025	145.8000	145800.0031
03/01/2025	187.7000	187699.9969
04/01/2025	208.6000	208600.0061
05/01/2025	228.5000	228500.0000
06/01/2025	153.2000	153199.9969
07/01/2025	227.0000	227000.0000
08/01/2025	249.3000	249300.0031
09/01/2025	204.6000	204600.0061
10/01/2025	236.9000	236899.9939
11/01/2025	205.3000	205300.0031
12/01/2025	240.8000	240800.0031
13/01/2025	131.1000	131100.0061
14/01/2025	229.5000	229500.0000
15/01/2025	211.2000	211199.9969
16/01/2025	234.9000	234899.9939
17/01/2025	202.6000	202600.0061
18/01/2025	230.4000	230399.9939
19/01/2025	246.4000	246399.9939
20/01/2025	162.3000	162300.0031
21/01/2025	271.0000	271000.0000
22/01/2025	333.7000	333700.0122

Date Measured	Value (m³/d)	Value(Liters)
23/01/2025	133.6000	133600.0061
24/01/2025	211.9000	211899.9939
25/01/2025	237.1000	237100.0061
26/01/2025	269.1000	269100.0061
27/01/2025	187.1000	187100.0061
28/01/2025	161.2000	161199.9969
29/01/2025	232.8000	232800.0031
30/01/2025	196.6000	196600.0061
31/01/2025	186.0000	186000.0000
01/02/2025	272.2000	272200.0122
02/02/2025	273.3000	273299.9878
03/02/2025	135.4000	135399.9939
04/02/2025	236.6000	236600.0061
05/02/2025	237.9000	237899.9939
06/02/2025	202.4000	202399.9939
07/02/2025	257.8000	257799.9878
08/02/2025	265.1000	265100.0061
09/02/2025	242.4000	242399.9939
10/02/2025	200.0000	200000.0000
11/02/2025	296.0000	296000.0000
12/02/2025	212.3000	212300.0031
13/02/2025	190.6000	190600.0061
14/02/2025	226.4000	226399.9939
15/02/2025	245.7000	245699.9969
16/02/2025	239.7000	239699.9969
17/02/2025	221.8000	221800.0031
18/02/2025	171.2000	171199.9969
19/02/2025	219.0000	219000.0000
20/02/2025	177.9000	177899.9939
21/02/2025	216.7000	216699.9969
22/02/2025	254.7000	254699.9969
23/02/2025	242.1000	242100.0061
24/02/2025	174.1000	174100.0061
25/02/2025	213.5000	213500.0000
26/02/2025	233.2000	233199.9969
27/02/2025	217.4000	217399.9939
28/02/2025	177.7000	177699.9969
01/03/2025	240.2000	240199.9969

Date Measured	Value (m³/d)	Value(Liters)
02/03/2025	243.0000	243000.0000
03/03/2025	225.4000	225399.9939
04/03/2025	231.5000	231500.0000
05/03/2025	223.4000	223399.9939
06/03/2025	230.1000	230100.0061
07/03/2025	238.0000	238000.0000
08/03/2025	285.3000	285299.9878
09/03/2025	259.7000	259700.0122
10/03/2025	192.5000	192500.0000
11/03/2025	236.7000	236699.9969
12/03/2025	243.6000	243600.0061
13/03/2025	230.0000	230000.0000
14/03/2025	279.7000	279700.0122
15/03/2025	268.8000	268799.9878
16/03/2025	269.5000	269500.0000
17/03/2025	195.4000	195399.9939
18/03/2025	245.7000	245699.9969
19/03/2025	222.9000	222899.9939
20/03/2025	233.8000	233800.0031
21/03/2025	218.8000	218800.0031
22/03/2025	273.2000	273200.0122
23/03/2025	270.1000	270100.0061
24/03/2025	205.6000	205600.0061
25/03/2025	207.9000	207899.9939
26/03/2025	223.7000	223699.9969
27/03/2025	227.7000	227699.9969
28/03/2025	356.8000	356799.9878
29/03/2025	230.0000	230000.0000
30/03/2025	217.3000	217300.0031
31/03/2025	157.1000	157100.0061
01/04/2025	205.7000	205699.9969
02/04/2025	199.2000	199199.9969
03/04/2025	181.3000	181300.0031
04/04/2025	216.5000	216500.0000
05/04/2025	242.8000	242800.0031
06/04/2025	239.9000	239899.9939
07/04/2025	216.3000	216300.0031
08/04/2025	225.7000	225699.9969

Date Measured	Value (m^3/d)	Value(Liters)
09/04/2025	264.5000	264500.0000
10/04/2025	184.9000	184899.9939
11/04/2025	224.8000	224800.0031
12/04/2025	248.4000	248399.9939
13/04/2025	241.3000	241300.0031
14/04/2025	206.5000	206500.0000
15/04/2025	220.2000	220199.9969
16/04/2025	222.9000	222899.9939
17/04/2025	265.8000	265799.9878
18/04/2025	245.5000	245500.0000
19/04/2025	279.7000	279700.0122
20/04/2025	229.3000	229300.0031
21/04/2025	218.1000	218100.0061
22/04/2025	197.8000	197800.0031
23/04/2025	242.5000	242500.0000
24/04/2025	304.0000	304000.0000
25/04/2025	301.0000	301000.0000
26/04/2025	220.6000	220600.0061
27/04/2025	211.8000	211800.0031
28/04/2025	172.3000	172300.0031
29/04/2025	203.2000	203199.9969
30/04/2025	192.2000	192199.9969
01/05/2025	180.4000	180399.9939
02/05/2025	220.5000	220500.0000
03/05/2025	96.2000	96199.9969
04/05/2025	315.4000	315399.9939
05/05/2025	629.1000	629099.9756
06/05/2025	546.5000	546500.0000
07/05/2025	311.0000	311000.0000
08/05/2025	406.8000	406799.9878
09/05/2025	380.8000	380799.9878
11/05/2025	339.5000	339500.0000
12/05/2025	350.8000	350799.9878
13/05/2025	275.9000	275899.9939
14/05/2025	279.9000	279899.9939
15/05/2025	250.4000	250399.9939
16/05/2025	243.6000	243600.0061
17/05/2025	264.4000	264399.9939

Date Measured	Value (m³/d)	Value(Liters)
18/05/2025	233.1000	233100.0061
19/05/2025	237.1000	237100.0061
20/05/2025	153.3000	153300.0031
21/05/2025	254.9000	254899.9939
22/05/2025	322.9000	322899.9939
23/05/2025	203.1000	203100.0061
24/05/2025	241.2000	241199.9969
25/05/2025	261.9000	261899.9939
26/05/2025	166.1000	166100.0061
27/05/2025	65.1000	65099.9985
28/05/2025	432.1000	432100.0061
29/05/2025	239.6000	239600.0061
30/05/2025	245.2000	245199.9969
31/05/2025	418.3000	418299.9878
01/06/2025	457.6000	457600.0061
02/06/2025	374.6000	374600.0061
03/06/2025	404.9000	404899.9939
04/06/2025	271.0000	271000.0000
05/06/2025	386.5000	386500.0000
06/06/2025	515.9000	515900.0244
07/06/2025	347.4000	347399.9939
08/06/2025	399.2000	399200.0122
09/06/2025	328.2000	328200.0122
10/06/2025	305.6000	305600.0061
11/06/2025	424.2000	424200.0122
12/06/2025	348.5000	348500.0000
13/06/2025	340.3000	340299.9878
14/06/2025	479.0000	479000.0000
15/06/2025	414.6000	414600.0061
16/06/2025	218.8000	218800.0031
17/06/2025	250.4000	250399.9939
18/06/2025	248.9000	248899.9939
19/06/2025	251.0000	251000.0000
20/06/2025	224.5000	224500.0000
21/06/2025	243.9000	243899.9939
22/06/2025	253.9000	253899.9939
23/06/2025	214.7000	214699.9969
24/06/2025	220.9000	220899.9939

Date Measured	Value (m³/d)	Value(Liters)
25/06/2025	248.7000	248699.9969
26/06/2025	260.7000	260700.0122
27/06/2025	219.5000	219500.0000
28/06/2025	249.6000	249600.0061
29/06/2025	200.1000	200100.0061
30/06/2025	185.6000	185600.0061
01/07/2025	207.3000	207300.0031
02/07/2025	119.5000	119500.0000
03/07/2025	285.6000	285600.0061
04/07/2025	224.7000	224699.9969
05/07/2025	240.0000	240000.0000
06/07/2025	208.6000	208600.0061
07/07/2025	184.0000	184000.0000
08/07/2025	235.6000	235600.0061
09/07/2025	206.9000	206899.9939
10/07/2025	191.2000	191199.9969
11/07/2025	234.6000	234600.0061
12/07/2025	237.8000	237800.0031
13/07/2025	210.5000	210500.0000
14/07/2025	173.2000	173199.9969
15/07/2025	200.3000	200300.0031
16/07/2025	206.6000	206600.0061
17/07/2025	210.7000	210699.9969
18/07/2025	224.9000	224899.9939
19/07/2025	246.0000	246000.0000
20/07/2025	209.6000	209600.0061
21/07/2025	252.7000	252699.9969
22/07/2025	224.3000	224300.0031
23/07/2025	174.1000	174100.0061
24/07/2025	224.9000	224899.9939
25/07/2025	203.4000	203399.9939
26/07/2025	195.3000	195300.0031
27/07/2025	200.7000	200699.9969
28/07/2025	155.9000	155899.9939
29/07/2025	257.0000	257000.0000
30/07/2025	196.8000	196800.0031
31/07/2025	200.3000	200300.0031
01/08/2025	230.2000	230199.9969

Date Measured	Value (m^3/d)	Value(Liters)
02/08/2025	208.7000	208699.9969
03/08/2025	247.8000	247800.0031
04/08/2025	222.4000	222399.9939
05/08/2025	220.9000	220899.9939
06/08/2025	208.8000	208800.0031
07/08/2025	200.9000	200899.9939
08/08/2025	207.4000	207399.9939
09/08/2025	238.3000	238300.0031
10/08/2025	179.8000	179800.0031
11/08/2025	126.7000	126699.9969
12/08/2025	169.9000	169899.9939
13/08/2025	180.7000	180699.9969
14/08/2025	172.6000	172600.0061
15/08/2025	172.9000	172899.9939
16/08/2025	202.9000	202899.9939
17/08/2025	208.0000	208000.0000
18/08/2025	185.4000	185399.9939
19/08/2025	190.0000	190000.0000
20/08/2025	185.6000	185600.0061
21/08/2025	192.1000	192100.0061
22/08/2025	201.3000	201300.0031
23/08/2025	209.8000	209800.0031
24/08/2025	190.9000	190899.9939
25/08/2025	159.4000	159399.9939
26/08/2025	194.2000	194199.9969
27/08/2025	186.2000	186199.9969
28/08/2025	146.4000	146399.9939
29/08/2025	182.1000	182100.0061
30/08/2025	186.7000	186699.9969
31/08/2025	169.1000	169100.0061
01/09/2025	190.9000	190899.9939
02/09/2025	135.3000	135300.0031
03/09/2025	198.3000	198300.0031
04/09/2025	158.7000	158699.9969
05/09/2025	149.0000	149000.0000
06/09/2025	173.8000	173800.0031
07/09/2025	180.1000	180100.0061
08/09/2025	153.2000	153199.9969

Date Measured	Value (m³/d)	Value(Liters)
09/09/2025	168.5000	168500.0000
10/09/2025	154.0000	154000.0000
11/09/2025	234.0000	234000.0000
12/09/2025	141.6000	141600.0061
13/09/2025	175.2000	175199.9969
14/09/2025	176.1000	176100.0061
15/09/2025	169.4000	169399.9939
16/09/2025	180.0000	180000.0000
17/09/2025	170.0000	170000.0000
18/09/2025	157.7000	157699.9969
19/09/2025	91.6000	91599.9985
20/09/2025	197.2000	197199.9969
21/09/2025	170.3000	170300.0031
22/09/2025	136.6000	136600.0061
23/09/2025	144.5000	144500.0000
24/09/2025	59.6000	59599.9985
25/09/2025	214.7000	214699.9969
26/09/2025	81.4000	81400.0015
27/09/2025	218.8000	218800.0031
28/09/2025	161.8000	161800.0031
29/09/2025	189.0000	189000.0000
30/09/2025	157.0000	157000.0000
01/10/2025	159.1000	159100.0061
02/10/2025	221.2000	221199.9969
03/10/2025	124.4000	124400.0015
04/10/2025	136.9000	136899.9939
05/10/2025	199.6000	199600.0061
06/10/2025	237.6000	237600.0061
07/10/2025	104.8000	104800.0031
08/10/2025	321.0000	321000.0000
09/10/2025	95.3000	95300.0031
10/10/2025	229.7000	229699.9969
11/10/2025	129.2000	129199.9969
12/10/2025	166.0000	166000.0000
13/10/2025	192.1000	192100.0061
14/10/2025	202.2000	202199.9969
15/10/2025	123.7000	123699.9969
16/10/2025	217.2000	217199.9969

Date Measured	Value (m³/d)	Value(Liters)
17/10/2025	135.8000	135800.0031
18/10/2025	180.6000	180600.0061
19/10/2025	201.8000	201800.0031
20/10/2025	179.8000	179800.0031
21/10/2025	166.1000	166100.0061
22/10/2025	172.3000	172300.0031
23/10/2025	153.1000	153100.0061
24/10/2025	195.3000	195300.0031
25/10/2025	198.8000	198800.0031
26/10/2025	162.5000	162500.0000
27/10/2025	215.5000	215500.0000
28/10/2025	120.5000	120500.0000
29/10/2025	206.8000	206800.0031
30/10/2025	197.0000	197000.0000
31/10/2025	126.1000	126099.9985
01/11/2025	198.9000	198899.9939
02/11/2025	170.6000	170600.0061
03/11/2025	220.0000	220000.0000
04/11/2025	120.5000	120500.0000
05/11/2025	241.0000	241000.0000
06/11/2025	117.9000	117900.0015
07/11/2025	203.8000	203800.0031
08/11/2025	165.1000	165100.0061
09/11/2025	172.9000	172899.9939
10/11/2025	179.9000	179899.9939
11/11/2025	205.5000	205500.0000
12/11/2025	200.1000	200100.0061
13/11/2025	114.4000	114400.0015
14/11/2025	236.6000	236600.0061
15/11/2025	126.1000	126099.9985
16/11/2025	247.4000	247399.9939
17/11/2025	123.2000	123199.9969
18/11/2025	227.8000	227800.0031
19/11/2025	176.8000	176800.0031
20/11/2025	172.3000	172300.0031
21/11/2025	198.6000	198600.0061
22/11/2025	252.0000	252000.0000
23/11/2025	180.7000	180699.9969

Date Measured	Value (m³/d)	Value(Liters)
24/11/2025	380.2000	380200.0122
25/11/2025	589.1000	589099.9756
26/11/2025	582.0000	582000.0000
27/11/2025	379.8000	379799.9878
28/11/2025	109.2000	109199.9969
30/11/2025	134.1000	134100.0061
01/12/2025	392.5000	392500.0000
02/12/2025	316.0000	316000.0000
03/12/2025	526.9000	526900.0244
04/12/2025	240.0000	240000.0000
05/12/2025	302.3000	302299.9878
06/12/2025	232.1000	232100.0061
07/12/2025	183.6000	183600.0061
08/12/2025	185.3000	185300.0031
09/12/2025	219.8000	219800.0031
10/12/2025	184.6000	184600.0061
11/12/2025	186.9000	186899.9939
12/12/2025	214.4000	214399.9939
13/12/2025	185.1000	185100.0061
14/12/2025	260.8000	260799.9878
15/12/2025	119.9000	119900.0015
16/12/2025	276.6000	276600.0061
17/12/2025	249.5000	249500.0000
18/12/2025	174.1000	174100.0061
19/12/2025	223.0000	223000.0000
20/12/2025	240.8000	240800.0031
21/12/2025	237.0000	237000.0000
22/12/2025	180.6000	180600.0061
23/12/2025	192.5000	192500.0000
24/12/2025	224.7000	224699.9969
25/12/2025	237.9000	237899.9939
26/12/2025	194.6000	194600.0061
27/12/2025	214.3000	214300.0031
28/12/2025	233.3000	233300.0031
29/12/2025	140.7000	140699.9969
30/12/2025	223.9000	223899.9939
31/12/2025	269.6000	269600.0061