



# 2024 SECTION 22 SUMMARY REPORT

EAST LINTON  
DRINKING WATER SYSTEM

For the period of:  
**JANUARY 1, 2024 TO DECEMBER 31, 2024**

Prepared for the Township of Georgian Bluffs by the Ontario Clean Water Agency



This report was prepared in accordance with the requirements of [O.Reg 170/03, Schedule 22, Summary Reports for Municipalities](#) for the following system and reporting period:

<b>Drinking-Water System Number:</b>	220007659
<b>Drinking-Water System Name:</b>	East Linton Drinking Water System
<b>Drinking-Water System Owner:</b>	The Township of Georgian Bluffs
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2024 – December 31, 2024

## 1. Issue(s) of Non-Compliance

A Ministry of Environment, Conservation and Parks (MECP) Drinking Water System Inspection was conducted on May 23, 2024 for the period covering June 17, 2023 to May 23, 2024. On June 13, 2024 the Inspection Report was issued and an Inspection Summary Rating Record (IRR) of 100% was received.

The following is a summary of non-compliances noted in the MECP Inspection Report, as well as the duration and the measures that were taken to correct the non-compliance. If any self-reported non-compliances were included in the inspection report, they will be noted in Table 1.

**Table 1. Non-Compliances and Corrective Actions noted in the 2023/2024 MECP Inspection Report**

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

Table 2 summarizes incidents interpreted by the Operating Authority as instances where any requirements of the Act, the regulations, the system’s approval, the drinking water works permit (DWWP), the municipal drinking water licence (MDWL), and any orders applicable were not met. The Operating Authority reported the following incidents to the MECP and confirmation of whether the incidents are considered non-compliances is noted in the MECP Inspection Report and included in Table 1.

**Table 2. Self-Reported Incidents and Corrective Actions for the Reporting Period**

Incident	Duration	Corrective Actions
N/A	N/A	N/A

For information on any Adverse Water Quality Incident(s) that may have occurred during the reporting period, please refer to the East Linton Drinking Water System Annual Report (Section 11).

## 2. Assessment of Flowrates and Quantity of Water Supplied

The following tables summarize the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows as well as a comparison to the rated capacity and flow rates approved in the system’s approval, DWWP or MDWL.

As required by the MDWL, regulatory flow measuring devices are checked/verified and where necessary, calibrated. These checks/verifications/calibrations are performed annually by a third party to ensure the flow measuring devices are within acceptable deviation limits.

### 2.1 Treated Water

<b>Municipal Drinking Water License (MDWL):</b>	083-105 (Issue Number: 4)
<b>Allowable Rated Capacity:</b>	2,600 m <sup>3</sup> /day
<b>Allowable Flowrate into Treatment System:</b>	N/A

As per the MDWL, the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed the listed rated capacity. However, the MDWL allows a system to be operated temporarily at a maximum daily volume and/or a maximum flowrate above the values set out in the MDWL for the purposes of fighting a large fire or for the maintenance of the drinking water system.

**Table 3. Treated Water Annual and Monthly Average and Maximum Flows with Comparison to Rated Capacity and Total Volume for 2024**

Treated Water Flow					
Timeframe	Average Flow (m <sup>3</sup> /day)	Percent of Rated Capacity	Maximum Flow (m <sup>3</sup> /day)	Percent of Rated Capacity	Total Volume (m <sup>3</sup> )
January	755	29.0%	1,108	42.6%	23,414
February	609	23.4%	677	26.0%	17,653
March	624	24.0%	1,032	39.7%	19,351
April	669	25.7%	885	34.0%	20,083
May	775	29.8%	1,114	42.8%	24,035
June	786	30.2%	1,073	41.3%	23,566
July	827	31.8%	1,140	43.8%	25,641
August	814	31.3%	1,153	44.4%	25,233
September	640	24.6%	739	28.4%	19,199
October	542	20.8%	626	24.1%	16,788
November	535	20.6%	607	23.4%	16,038
December	557	21.4%	631	24.3%	17,253
<b>2024</b>	<b>678</b>	<b>26.1%</b>	<b>1,153</b>	<b>44.4%</b>	<b>248,255</b>

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL, for the maximum treated volume of treated water that flows from the treatment subsystem to the distribution system.

**Table 4. Treated Water Annual and Monthly Average and Maximum Flowrates for 2024**

<b>Treated Water Flowrate</b>		
<b>Timeframe</b>	<b>Average Flowrate (L/sec)</b>	<b>Maximum Flowrate (L/sec)</b>
January	8.79	33.53
February	7.08	30.11
March	7.50	34.11
April	7.79	28.33
May	9.01	28.72
June	9.13	28.66
July	9.63	28.45
August	9.47	32.13
September	7.43	37.53
October	6.40	28.38
November	6.24	28.30
December	6.47	27.98
<b>2024</b>	<b>7.92</b>	<b>37.53</b>

The applicable MDWL for the reporting period did not list a maximum allowable limit for the flowrate of water that flows into a treatment subsystem. A summary of flowrates of water that flows into the treatment system can be found in Table 6.

## 2.2 Raw Water

<b>Permit to Take Water Number:</b>	6203-AKNKQW
<b>Allowable Maximum Raw Water Volume – Georgian Bay:</b>	2,600 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate – Georgian Bay:</b>	1,800 L/min (30 L/sec)

As per the PTTW, water shall only be taken from the specified source(s) and at the rates and amounts taken as specified in the permit.

**Table 5. Raw Water Monthly Average, Maximum Flow and Total Volume for 2024**

Raw Water Flow – Georgian Bay					
Timeframe	Average Flow (m <sup>3</sup> /day)	Percent of Allowable Volume	Maximum Flow (m <sup>3</sup> /day)	Percent of Allowable Volume	Total Volume (m <sup>3</sup> )
January	734	28.2%	1,077	41.4%	22,740
February	588	22.6%	653	25.1%	17,050
March	621	23.9%	1,079	41.5%	19,245
April	660	25.4%	881	33.9%	19,807
May	753	29.0%	1,032	39.7%	23,357
June	762	29.3%	1,080	41.5%	22,851
July	806	31.0%	1,122	43.1%	24,999
August	795	30.6%	1,147	44.1%	24,656
September	622	23.9%	717	27.6%	18,645
October	523	20.1%	603	23.2%	16,210
November	517	19.9%	593	22.8%	15,512
December	541	20.8%	609	23.4%	16,780
<b>2024</b>	<b>661</b>	<b>25.4%</b>	<b>1,147</b>	<b>44.1%</b>	<b>241,850</b>

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable daily raw water volume.

**Table 6. Raw Water Annual and Monthly Average and Maximum Flowrates for 2024**

<b>Raw Water Flowrate</b>		
<b>Timeframe</b>	<b>Average Flowrate (L/sec)</b>	<b>Maximum Flowrate (L/sec)</b>
January	8.53	27.69
February	6.84	27.54
March	7.27	27.55
April	7.68	27.64
May	8.77	27.78
June	8.85	27.84
July	9.39	28.00
August	9.25	27.76
September	7.22	27.84
October	6.18	27.88
November	6.05	27.67
December	6.28	27.49
<b>2024</b>	<b>7.70</b>	<b>28.00</b>

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable raw water flowrate.