

2025 SCHEDULE 22 SUMMARY REPORT

LISLE
DRINKING WATER
SYSTEM



For the period of
January 1st, 2025 to December 31st, 2025

Prepared for the Corporation of the Township of Adjala-Tosorontio 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:

Drinking-Water System Number:	220005438
Drinking-Water System Name:	Lisle Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Adjala-Tosorontio
Drinking-Water System Category:	Small Municipal Residential
Period being reported:	January 1, 2025 – December 31, 2025

1. Issue(s) of Non-Compliance

A Ministry of Environment, Conservation and Parks (MECP) Drinking Water System Inspection was conducted on June 2, 2025 for the period covering April 1, 2024 to June 2, 2025. On September 11, 2025, the Inspection Report was issued and an Inspection Summary Rating Record (IRR) of 100.00% was received.

The following is a summary of non-compliances noted in the MECP Inspection Report, as well as the duration and the measures taken to correct the non-compliance. Any self-reported non-compliances included in the inspection report, are noted in Table 1.

Table 1. Non-Compliances and Corrective Actions noted in the 2024/2025 MECP Inspection Report

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

The following table (Table 2) is a summary of any incidents that the Operating Authority interpreted as an instance where any requirements of the Act, the regulations, the system’s approval, drinking water works permit (DWWP), 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 are 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 Lisle Drinking Water System Annual Report (Section 11).

2. Assessment of Flowrates and Quantity of Water Supplied

The following tables (Table 3 to 7) summarize the quantities and flowrates of water supplied during the reporting period, including monthly averages and maximum daily flows as well as a comparison to the rated capacity and flowrates 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

Municipal Drinking Water License (MDWL):	097-104 (Issue Number: 4)
Allowable Rated Capacity:	657 m ³ /day
Allowable Flowrate into Treatment System:	Not listed in MDWL

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 2025

Treated Water Flow ^{3A}					
Timeframe	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity	Total Volume (m ³)
January	31.08	4.73%	37.18	5.66%	963.50
February	30.29	4.61%	36.58	5.57%	848.06
March	31.93	4.86%	54.35	8.27%	989.71
April	31.92	4.86%	42.53	6.47%	957.69
May	39.02	5.94%	65.58	9.98%	1,209.47
June	39.30	5.98%	54.41	8.28%	1,178.86
July	41.08	6.25%	61.55	9.37%	1,273.37
August	37.12	5.65%	58.41	8.89%	1,150.83
September	34.36	5.23%	49.10	7.47%	1,030.77
October	32.99	5.02%	43.74	6.66%	1,022.60
November	32.17	4.90%	54.70	8.33%	965.03
December	32.04	4.88%	40.22	6.12%	993.14
2025	34.47	5.25%	65.58	9.98%	12,583.03

^{3A}Treated water flow and flowrate data for Lisle Pumphouse is based off the raw water flow and flowrate data for the combined takings of Well #1 and Well #2. There is only one set of pumps (per well) responsible for the raw water taking, water that flows into the treatment system and water that flows from the treatment system into the distribution system.

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (657 m³/day) for the maximum treated volume of treated water that flows from the treatment subsystem to the distribution system.

A summary of flowrates of water that flows into the treatment system can be found in Table 5 and Table 7. 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.

2.2 Raw Water

Permit to Take Water Number (PTTW):	2516-BY6PCJ
Allowable Maximum Raw Water Volume - Well #1:	656.64 m ³ /day
Allowable Maximum Raw Water Flowrate - Well #1:	456 L/min (7.6 L/sec)
Allowable Maximum Raw Water Volume - Well #2:	656.64 m ³ /day
Allowable Maximum Raw Water Flowrate - Well #2:	456 L/min (7.6 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 4. Raw Water (Well #1) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well #1					
Timeframe	Average Flow (m ³ /day)	Percent of Allowable Volume	Maximum Flow (m ³ /day)	Percent of Allowable Volume	Total Volume (m ³)
January	14.50	2.21%	17.36	2.64%	449.42
February	14.27	2.17%	17.46	2.66%	399.68
March	14.90	2.27%	26.35	4.01%	461.81
April	14.68	2.24%	19.19	2.92%	440.31
May	17.53	2.67%	25.78	3.93%	543.37
June	17.76	2.71%	23.79	3.62%	532.89
July	18.18	2.77%	24.54	3.74%	563.54
August	16.62	2.53%	25.33	3.86%	515.11
September	15.40	2.34%	21.08	3.21%	461.90
October	14.75	2.25%	19.16	2.92%	457.29
November	13.77	2.10%	18.03	2.75%	413.11
December	14.25	2.17%	17.84	2.72%	441.63
2025	15.56	2.37%	26.35	4.01%	5,680.06

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable daily raw water volume for Well #1 (656.64 m³/day)

Table 5. Raw Water (Well #1 PW1) Annual and Monthly Average and Maximum Flowrates for 2025

Raw Water Flowrate – Well #1		
Timeframe	Average Flowrate (L/sec)	Maximum Flowrate (L/sec)
January	4.20	6.66
February	3.75	6.97
March	4.42	6.49
April	5.59	6.44
May	5.70	6.45
June	5.82	6.50
July	5.64	9.31 ^{5A}
August	5.39	7.79 ^{5B}
September	5.47	5.75
October	5.43	5.97
November	5.32	5.69
December	5.52	5.75
2025	5.19	9.31

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable raw water flowrate for Well #1 (7.6 L/sec) with the exception of:

- ^{5A}July 16, 2025 – flowrate exceedance was due to flushing activities in the distribution system
- ^{5B}August 5, 2025 – flowrate exceedance was for a short duration due to well pump startups

Table 6. Raw Water (Well #2) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well #2					
Timeframe	Average Flow (m ³ /day)	Percent of Allowable Volume	Maximum Flow (m ³ /day)	Percent of Allowable Volume	Total Volume (m ³)
January	16.58	2.53%	20.04	3.05%	514.08
February	16.01	2.44%	19.12	2.91%	448.38
March	17.03	2.59%	28.00	4.26%	527.90
April	17.25	2.63%	23.34	3.55%	517.38
May	21.49	3.27%	40.93	6.23%	666.10
June	21.53	3.28%	30.62	4.66%	645.97
July	22.90	3.49%	40.37	6.15%	709.83

Raw Water Flow – Well #2					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
August	20.51	3.12%	33.08	5.04%	635.72
September	18.96	2.89%	28.02	4.27%	568.87
October	18.24	2.78%	24.58	3.74%	565.31
November	18.40	2.80%	40.52	6.17%	551.92
December	17.79	2.71%	22.38	3.41%	551.51
2025	18.91	2.88%	40.93	6.23%	6,902.97

A review of flow information for the reporting period indicates that the system operated within the PTTW’s maximum allowable daily raw water volume for Well #2 (656.64 m³/day).

Table 7. Raw Water (Well #2) Annual and Monthly Average and Maximum Flowrates for 2025

Raw Water Flowrate – Well #2		
Timeframe	Average Flowrate (L/sec)	Maximum Flowrate (L/sec)
January	4.23	5.28
February	4.24	5.27
March	4.14	5.54
April	4.40	5.10
May	4.36	5.23
June	4.27	5.11
July	4.01	5.03
August	3.92	4.66
September	3.87	4.94
October	4.07	4.59
November	3.63	4.74
December	3.81	4.79
2025	4.08	5.54

A review of flow information for the reporting period indicates that the system operated within the PTTW’s maximum allowable raw water flowrate for Well #2 (7.6 L/sec).