



ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

February 25, 2022

Steven Dollmaier, Director of Operations
Township of Georgian Bluffs
R.R.#3
Owen Sound, Ontario
N4K 5N5

RE: 2021 Summary Report, Requirement under O. Reg. 170/03, Schedule 22

Dear Mr. Dollmaier,

Attached are the 2021 Summary Reports for the following drinking water systems:

- Shallow Lake
- East Linton
- Pottawatomi
- Oxenden Distribution System

These reports were completed in accordance with Schedule 22 of Ontario Regulation 170/03. It is required that a Summary Report for the previous calendar year be prepared no later than March 31st of each year and be given to the members of the Township Council. Please ensure this distribution.

Section 12 of Ontario Regulation 170/03 requires that the Summary Report be made available for inspection, at no charge, by any member of the public during regular business hours. The report should be made available for inspection at the office of the Town or at a location that is convenient for the users of the water system.

Should you require further clarification of information regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Leo-Paul Frigault'.

Leo-Paul Frigault
Senior Operations Manager
Ontario Clean Water Agency
Grey Bruce Hub



ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

SHALLOW LAKE
DRINKING WATER SYSTEM

Large Municipal Residential

SCHEDULE 22
SUMMARY REPORT

For the period of
JANUARY 1, 2021 TO DECEMBER 31, 2021

Summary

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario’s Drinking Water System Regulation for the reporting period of January 1, 2021 to December 31, 2021 for the Shallow Lake Drinking Water System located in the Township of Georgian Bluffs. The summary includes the following information:

- Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

Issues of Non-Compliance

An MECP Drinking Water System Inspection was performed on November 10, 2021. On December 29, 2021 the inspection report was issued, the Shallow Lake DWS received an inspection rating of 100%.

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 period covered by the report; as well as the duration of the failure and the measures that were taken to correct the failure:

- There were no non-compliances during the reporting period.

The Operating Authority reported the following incidents to the MECP as non-compliances. Confirmation of whether the incidents are considered non-compliances will be noted in the MECP Inspection Report.

Reported Non-Compliance(s)	Duration	Required Actions & Corrective Actions
n/a	n/a	n/a

Refer to the Section 11 Annual Report for a summary of any Adverse Water Quality Incident(s) which occurred during the reporting period.

Assessment of Flowrates and Quantity of Water Supplied

The following tables summarize the quantities (Table 1) of the water supplied during the period covered by the report, including monthly average and maximum daily flows as well as a comparison of the summary to the rated capacity approved in the system’s approval, drinking water works permit or municipal drinking water license.

As per Municipal Drinking Water License (MDWL) 083-102 (Issue Number: 4, expires August 13, 2026), the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a rated capacity of 696 m³/day.

Table 1. Treated Water Monthly Average and Maximum Daily Flows and Comparison to Rated Capacity (696 m³) for 2021

2021	Treated Water			
	Average Flow (m ³ /day)	Percent of Rated Capacity (%)	Maximum Flow (m ³ /day)	Percent of Rated Capacity (%)
January	80.2	11.5%	104	14.9%
February	89.5	12.9%	124	17.8%
March	125.3	18.0%	172	24.7%
April	116.6	16.8%	182	26.1%
May	132.9	19.1%	170	24.4%
June	151.7	21.8%	192	27.6%
July	162.3	23.3%	188	27.0%
August	95.6	13.7%	205	29.5%
September	88.3	12.7%	173	24.9%
October	83.5	12.0%	104	14.9%
November	81.3	11.7%	101	14.5%
December	81.8	11.8%	100	14.4%



ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

EAST LINTON
DRINKING WATER SYSTEM

Large Municipal Residential

SCHEDULE 22
SUMMARY REPORT

For the period of
JANUARY 1, 2021 TO DECEMBER 31, 2021

Prepared by the Ontario Clean Water Agency
For The Corporation of the Township of Georgian Bluffs

Summary

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario’s Drinking Water System Regulation for the reporting period of January 1, 2021 to December 31, 2021 for the East Linton Drinking Water System located in the Township of Georgian Bluffs. The summary includes the following information:

- Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

Issues of Non-Compliance

An MECP Drinking Water System Inspection was performed on July 28, 2021. On September 23, 2021 the report for this inspection was issued, the East Linton Drinking Water System received an inspection rating of 100%.

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 period covered by the report; as well as the duration of the failure and the measures that were taken to correct the failure:

- There were no non-compliances during the reporting period.

The Operating Authority reported the following incidents to the MECP as non-compliances. Confirmation of whether the incidents are considered non-compliances will be noted in the MECP Inspection Report.

Reported Non-Compliance(s)	Duration	Required Actions & Corrective Actions
n/a	n/a	n/a

Refer to the Section 11 Annual Report for a summary of any Adverse Water Quality Incident(s) which occurred during the reporting period.

Assessment of Flowrates and Quantity of Water Supplied

The following tables summarize the quantities (Table 1) of the water supplied during the period covered by the report, including monthly average and maximum daily flows as well as a comparison of the summary to the rated capacity approved in the system’s approval, drinking water works permit or municipal drinking water license.

As per Municipal Drinking Water License (MDWL) 083-105 (Issue Number: 4, expires August 13, 2026), the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a rated capacity of 2,600 m³/day.

Table 1. Treated Water Monthly Average and Maximum Daily Flows and Comparison to Rated Capacity for 2021

2021	Treated Water Flow			
	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity
January	605	23.3%	708	27.2%
February	714	27.5%	808	31.1%
March	783	30.1%	1017	39.1%
April	791	30.4%	1083	41.7%
May	919	35.3%	1417	54.5%
June	1121	43.1%	1433	55.1%
July	982	37.8%	1153	44.3%
August	1013	39.0%	1209	46.5%
September	1009	38.8%	1258	48.4%
October	1002	38.5%	1133	43.6%
November	592	22.8%	1087	41.8%
December	586	22.5%	701	27.0%



ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

POTTAWATOMI
DRINKING WATER SYSTEM

Small Municipal Residential

SCHEDULE 22
SUMMARY REPORT

For the period of
JANUARY 1, 2021 TO DECEMBER 31, 2021

Summary

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario’s Drinking Water System Regulation for the reporting period of January 1, 2021 to December 31, 2021 for the Pottawatomi Drinking Water System (DWS) located in the Township of Georgian Bluffs. The summary includes the following information:

- Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

Issues of Non-Compliance

An MECP Drinking Water System Inspection was performed on May 18, 2021. On July 30, 2021 the report for this inspection was issued, the Pottawatomi DWS received an inspection rating of 100%.

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 period covered by the report; as well as the duration of the failure and the measures that were taken to correct the failure:

- There were no non-compliances during the reporting period.

The Operating Authority reported the following incidents to the MECP as non-compliances. Confirmation of whether the incidents are considered non-compliances will be noted in the MECP Inspection Report.

Reported Non-Compliance(s)	Duration	Required Actions & Corrective Actions
n/a	n/a	n/a

Refer to the Section 11 Annual Report for a summary of any Adverse Water Quality Incident(s) which occurred during the reporting period.

Assessment of Flowrates and Quantity of Water Supplied

The following tables summarize the quantities (Table 1) of the water supplied during the period covered by the report, including monthly average and maximum daily flows as well as a comparison of the summary to the rated capacity approved in the system’s approval, drinking water works permit or municipal drinking water license.

As per Municipal Drinking Water License (MDWL) 083-101 (Issue Number: 3, expires August 13, 2026), the maximum daily volume of treated water that flows from the treatment subsystem to the Drinking Water System shall not exceed a rated capacity of 170 m³/day.

Table 1. Treated Water Monthly Average and Maximum Daily Flows and Comparison to Rated Capacity for 2021

2021	Treated Water Flow			
	Average Flow (m ³ /day)	Percent of Rated Capacity (%)	Maximum Flow (m ³ /day)	Percent of Rated Capacity (%)
January	15.0	8.8%	17.2	10.1%
February	14.5	8.5%	16.3	9.6%
March	16.0	9.4%	19.6	11.5%
April	15.8	9.3%	20.7	12.2%
May	17.0	10.0%	22.0	12.9%
June	19.0	11.2%	28.5	16.8%
July	14.3	8.4%	21.5	12.6%
August	15.5	9.1%	20.6	12.1%
September	14.6	8.6%	27.3	16.1%
October	13.5	7.9%	16.7	9.8%
November	13.5	7.9%	16.4	9.6%
December	14.5	8.5%	19.4	11.4%



ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

OXENDEN
DISTRIBUTION SYSTEM

Large Municipal Residential

SCHEDULE 22
SUMMARY REPORT

For the period of
JANUARY 1, 2021 TO DECEMBER 31, 2021

Summary

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario's Drinking Water System Regulation for the reporting period of January 1, 2021 to December 31, 2021 for the Oxenden Distribution System located in the Township of Georgian Bluffs. The summary includes the following information:

- Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

Issues of Non-Compliance

An MECP Drinking Water System Inspection was performed on September 21, 2021. On October 19, 2021 the report for this inspection was issued, the Oxenden Distribution System received an inspection rating of 100%.

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 period covered by the report; as well as the duration of the failure and the measures that were taken to correct the failure:

- There were no non-compliances during the reporting period.

Refer to the Section 11 Annual Report for a summary of any Adverse Water Quality Incident(s) which occurred during the reporting period.

Assessment of Flowrates and Quantity of Water Supplied

The following table summarize the quantities of the water supplied during the period covered by the report, including monthly average and maximum daily flows as well as a comparison of the summary to the rated capacity approved in the system's approval, drinking water works permit or municipal drinking water license (MDWL).

As per MDWL 083-103 (Issue Number: 3, expires August 13, 2026), there is no maximum rated capacity (daily volume) of treated water that flows from the treatment subsystem to the distribution system and no maximum allowable limit listed in the MDWL for the flowrate of water that flows into a treatment subsystem .

Table 1. Distribution Water Monthly Average and Maximum Daily Flows and Comparison to Rated Capacity for 2021

2021	Treated Water Flow			
	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity
January	81.0	n/a	148.0	n/a
February	79.4	n/a	89.1	n/a
March	81.3	n/a	92.9	n/a
April	94.0	n/a	116.1	n/a
May	121.8	n/a	145.8	n/a
June	143.7	n/a	178.8	n/a
July	150.4	n/a	190.3	n/a
August	130.6	n/a	150.4	n/a
September	105.5	n/a	148.8	n/a
October	101.8	n/a	125.4	n/a
November	95.9	n/a	108.3	n/a
December	107.7	n/a	195.8	n/a