ONTARIO CLEAN WATER AGENCY
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2025 Annual Performance Report for the Matheson Drinking Water System

January 1, 2025 to December 31, 2025

PREPARED BY

Ontario Clean Water Agency
on behalf of the Corporation of the Township of Black River-Matheson

Date: February 20, 2026
Rev: 0

Revision History

Rev. No.	Date	Prepared by:	Approved by:	Description
0	February 20, 2026	Alex Leclerc, PCT	Chris Ciarrocca, Senior Operations Manager	Revision 0 issued

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Introduction

Municipalities throughout Ontario are required to comply with Ontario Regulation 170/03 made under the Safe Drinking Water Act (SDWA) since June 2003. The Act was passed following recommendations made by Commissioner O'Conner after the Walkerton Inquiry. The Act's purpose is to protect human health through the control and regulation of drinking-water systems. O. Reg. 170/03 regulates drinking water testing, use of licensed laboratories, treatment requirements and reporting requirements.

O. Reg. 170/03 requires the owner to produce an Annual Report, under Section 11. This report must include the following:

1. Description of system and chemical(s) used
2. Summary of any adverse water quality reports and corrective actions
3. Summary of all required testing
4. Description of any major expenses incurred to install, repair or replace equipment

This Annual Report must be completed by February 28 of each year.

The regulation also requires a Summary Report which must be presented and accepted by Council by March 31 of each year for the preceding calendar year reporting period.

The report must list the requirements of the Act, its regulations, the system's Drinking Water Works Permit (DWWP), Municipal Drinking Water Licence (MDWL), Certificate of Approval (if applicable), and any regulatory requirement the system failed to meet during the reporting period. The report must also specify the duration of the failure, and for each failure referred to, describe the measures that were taken to correct the failure.

The Safe Drinking Water Act, 2002 and the drinking water regulations can be viewed at the following website: http://www.e-laws.gov.on.ca.

To enable the Owner to assess the rated capacity of their system to meet existing and future planned water uses, the following information is also required in the report.

1. A summary of the quantities and flow rates of water supplied during the reporting period, including the monthly average and the maximum daily flows.
2. A comparison of the summary to the rated capacity and flow rates approved in the systems approval, drinking water works permit or municipal drinking water licence or a written agreement if the system is receiving all its water from another system under an agreement.

The reports have been prepared by the Ontario Clean Water Agency (OCWA) on behalf of the Owner and presented to council as the 2025 Annual/Summary Report.

Section 11 – Annual Report

1. Introduction

Drinking-Water System Name	**Matheson Drinking Water System**
Drinking-Water System Number	220002574
Drinking-Water System Owner	The Corporation of the Township of Black River - Matheson
Drinking-Water System Category	Large Municipal, Residential System
Municipal Drinking Water License No.	204-103 (Issue 6 - March 14, 2022)
Drinking Water Works Permit No.	204-203 (Issue 4 - March 14, 2022)
Permit to Take Water No.	300-1137081725 (Issued July 23, 2021)
Reporting Period	January 1, 2025 to December 31, 2025

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 at: https://www.twpbrm.ca/your-township-government/ocwa-reports/

Location where Report required under O. Reg. 170/03 Schedule 22 will be available for inspection:

Black River - Matheson Municipal Office
367 Fourth Avenue,
Matheson ON P0K 1N0

Drinking-Water Systems that receive drinking water from the Matheson Drinking Water System

The Matheson Drinking Water System provides all of its drinking water to the community of Matheson, within the township of Black River-Matheson.

The Annual Report was not provided to any other Drinking Water System Owners

The Ontario Clean Water Agency prepared the 2025 Annual/Summary Report for the Matheson Drinking Water System and provided a copy to the system owner; the Corporation of the Township of Black River - Matheson. The Matheson Drinking Water System is a stand-alone system that does not receive water from or send water to another system.

Notification to system users that the Annual Report is available for viewing is accomplished through:

- Notice on the Township's website
- Notice in the local newspaper

2. Matheson Drinking Water System (DWS No. 220002574)

The Matheson Drinking Water System is owned by the Corporation of the Township of Black River-Matheson and consists of a Class 2 water treatment subsystem and a Class 3 water distribution subsystem. It is a groundwater system that services the community of Matheson. The Ontario Clean Water Agency is the accredited operating authority and is designated as the Overall Responsible Operator for both the water treatment and water distribution facilities.

Raw Water Supply

The Matheson Drinking water system is classified as a large municipal residential system that is fed from four wells which are situated on the west shore of Belleek Lake.

Well No. 1 is a 150 mm diameter, 38.2 m deep, drilled groundwater production well utilizing a submersible deep well pump rated at 11.34 L/sec. Discharge from this well is through a 100 mm diameter discharge line connected to a well pump header which is located in the Matheson Treatment Plant. This well commenced production in March/April 2000.

Well No. 2 is a 150 mm diameter, 43.6 m deep, drilled groundwater production well utilizing a submersible deep well pump rated at 5.70 L/sec. Discharge from this well is through a 75 mm diameter discharge line connected to a well pump header which is located in the Matheson Treatment Plant. This well commenced production in March/April 2000.

Well No. 3 is a 200 mm diameter, 39.6 m deep, drilled groundwater production well utilizing a submersible deep well pump rated at 11.34 L/s. Discharge from this well is through a 100 mm diameter discharge line connected to a well pump header which is located in the Matheson Treatment Works. This well commenced production in March/April 2000.

Well No. 4 is a 150 mm diameter, 35.3 m deep, drilled groundwater production well utilizing a submersible deep well pump rated at 2.66 L/s. Discharge from this well is through a 50 mm diameter discharge line connected to a well pump header which is located in the Matheson Treatment Plant. This well commenced production in March/April 2000.

Water Treatment

The Matheson water treatment plant and four wells are situated on the west shore of Belleeck Lake. This facility commenced operation in 2000 and was later reclassified as a Water Distribution and Supply Subsystem Class 2 facility. Within the treatment works, the four individual well discharge pipes are metered for flow and then join into one common header where the water is injected with a sodium hypochlorite solution. Raw water sample taps are

located on each of the four well discharge headers. The disinfection system consists of two (2) chemical metering pumps, one duty and one on standby; and one 450 L chemical solution tank. One chlorine pump is capable of pumping sodium hypochlorite solution at a rate of 2.3 L/hr and the other at a rate of 1.3 L/hr. After the water is injected with sodium hypochlorite, it is metered then discharged from the treatment works through a 150 mm diameter pipe which runs 1250 metres in length to provide for the minimum 15 minute chlorine contact time. The 1250 m water main also serves as discharge to the reservoir and to the distribution system.

Water Storage

The single chamber reservoir is located on a high point of land and has a storage capacity of 450 cubic metres. A 1,250 m treated water main runs from the water treatment plant to a valve chamber at the reservoir. This watermain is the chlorine contact vessel. The valve chamber at the end of the watermain directs the treated water either to storage or directly into the distribution system, depending on the time of day and/or the system pressure. Throughout the day, treated water is discharged to the distribution system while the reservoir provides storage/emergency supply. When demand is low (i.e. at night), the water is directed into the reservoir.

Control System

The Matheson Water Treatment System is controlled by a dedicated Programmable Logic Controller (PLC) and monitored through a Control System Supervisory Control and Data Acquisition (SCADA) system. All analyzing, monitoring and control module equipment information is routed through the SCADA system for operator monitoring and control. Control of equipment can be accomplished locally using the Human Machine Interface (HMI) touch screen at the Matheson water treatment plant. Operators can also access the system using their computers and cell phones. Alarm capability and set point adjustment along with trend monitoring are also available through SCADA system controls.

Emergency Power

An emergency stand-by 75 kW diesel-powered generator is available at the water treatment plant to ensure continued operation of the facility during a power outage.

A 10 kW standby diesel generator is available at the Matheson Reservoir in case of power failures.

Distribution System

The water supply/treatment/storage system is located in the community of Matheson and serves an estimated population of 900 persons with approximately 390 residential service connections. There are approximately 32 fire hydrants. Watermains range in size from 25 mm to 250 mm and are made of PVC, asbestos-cement or galvanized steel.

3. List of Water Treatment Chemicals Used

The following chemicals were used in the Matheson Drinking Water System treatment process:

- Sodium Hypochlorite – disinfection

All treatment chemicals meet AWWA and NSF/ANSI standards.

4. Significant Expenses Incurred to the Drinking Water System

OCWA is committed to maintaining the assets of the drinking water system and sustains a program of scheduled inspection and maintenance activities using a computerized Work Management System (WMS).

Significant expenses incurred in the drinking water system include the following:

- Quality and Environmental Management System (QEMS) external surveillance audit conducted by Intertek-SAI Global.
- Generator Servicing.
- Sodium Hypochlorite spare parts kit.
- Reservoir chlorine analyzer feed pump replacement.
- Reservoir chlorine analyzer recirculation pump rebuild.
- Fire extinguisher inspection/certification.
- Well #1 pipe replacement.
- Eyewash solution.
- Spring and fall watermain flushing.
- Hydrant winterization.
- Quinn Street watermain repair (Boil Water Advisory).
- Water service and curb-stop repairs.

5. Details on Notices of Adverse Test Results and Other Problems Reported to & Submitted to the Spills Action Center

Based on information kept on record by OCWA, two (2) adverse water quality incidents were reported to the Ministry's Spills Action Centre in 2025.

Incident #1: Loss of Pressure/Boil Water Advisory	
Date:	May 20th, 2025
Details:	During contractor work, a watermain valve was accidentally closed, resulting in a loss of pressure to 60 homes. The local Health Unit was notified and issued a precautionary boil water advisory (BWA) for the affected residences.
Corrective Actions:	After the pressure was restored, the area was flushed until an acceptable chlorine residual was achieved. Two sets of 3 bacteriological samples were collected (upstream, downstream and at the site of the work) on May 20th and 21st. All results were acceptable having zero total coliforms and E.coli. The Health Unit lifted the BWA on May 23rd, 2025.

Incident #2: Loss of Pressure/Boil Water Advisory	
Date:	August 25th, 2025
Details:	During planned work on a service line to an empty lot (485 7th Avenue), the valve to a line servicing 482 7th Avenue was accidentally shut off, resulting in a loss of pressure. The local Health Unit was notified and issued a precautionary boil water advisory (BWA) for the affected residences.
Corrective Actions:	After the pressure was restored, the area was flushed until an acceptable free chlorine residual was achieved. Two sets of 3 bacteriological samples were collected (1 upstream, 1 downstream and 1 near the site of the work) on August 26th and 27th. All results were acceptable having zero total coliforms and E.coli. The Health Unit lifted the BWA on August 28th, 2025.

6. Microbiological Testing

Table 1: Summary of Microbiological Data

Sample Type	# of Samples	*Range of E.coli* Results *(min to max)*	Range of Total Coliform Results *(min to max)*	# of HPC Samples	Range of HPC Results *(min to max)*
Raw – Well 1	50	0 to 0	0 to 0	N/A	N/A
Raw – Well 2	52	0 to 0	0 to 0	N/A	N/A
Raw – Well 3	52	0 to 0	0 to 0	N/A	N/A
Raw – Well 4	52	0 to 0	0 to 0	N/A	N/A
Treated	52	0 to 0	0 to 0	52	<10 to 90
Distribution	104	0 to 0	0 to 0	52	<10 to 10

Maximum Acceptable Concentration (MAC) for treated and distribution samples: *E. coli* = 0 CFUs/100 mL and MAC for Total Coliforms = 0 CFUs/100 mL

"<" denotes less than the laboratory's method detection limit

Notes:

1. One microbiological sample is collected and tested each week from the raw and treated water supply. A total of two microbiological samples are collected and tested each week from the distribution system. At least 25% of the distribution samples must be tested for HPC bacteria.
2. Well 1 was not operational for several weeks due to maintenance, and therefore sampling was not conducted every week.

7. Operational Testing

Table 2: Summary of Raw Water Turbidity Results

Parameter	# of Samples	Range of Results *(min to max)*	Unit of Measure	Standard
Turbidity – Well 1	13	0.24 to 0.53	NTU	N/A
Turbidity – Well 2	13	0.15 to 0.69	NTU	N/A
Turbidity – Well 3	13	0.28 to 0.89	NTU	N/A
Turbidity – Well 4	13	0.55 to 0.93	NTU	N/A

Notes:

1. Raw water turbidity sampling is required once every month.

Table 3: Continuous Monitoring in the Treatment Process

Parameter	No. of Samples	Range of Results *(min to max)*	Unit of Measure	Standard
Free Chorine Residual	8760	0.27 to 1.94	mg/L	CT**

Notes:

1. For continuous monitors, 8760 is used as the number of samples.
2. ** CT is the concentration of chlorine in the water times the time of contact that the chlorine has with the water. It is used to demonstrate the level of disinfection treatment in the water. CT calculations are performed for the Matheson water plant if the free chlorine residual level drops below 0.325 mg/L at <5.0 °C and 0.216 mg/L at ≥5.0 °C to ensure primary disinfection is achieved.

Table 4: Summary of Chlorine Residuals in the Distribution System

Parameter	No. of Samples	Range of Results (min to max)	Unit of Measure	Standard
Free Chlorine Residual	393	0.85 to 1.34	mg/L	≥ 0.05

Note: A total of seven operational checks for chlorine residual in the distribution system are collected each week. Four (4) samples are tested one day and three (3) on a second day. The sample sets are collected at least 48-hours apart and samples collected on the same day are from different locations.

Additional residuals were collected in response to complaints, water main breaks or adverse water quality incidents.

Refer to *Appendix A* for a monthly summary of the above microbiological and operational data.

8. Chemical Testing

Table 5: Summary of Nitrate & Nitrite Data from the Water Treatment Plant

Date of Sample	Nitrate Result	Nitrite Result	Unit of Measure	Exceedance
January 13	0.2	<0.01	mg/L	No
April 22	0.3	<0.01	mg/L	No
July 14	0.2	<0.01	mg/L	No
October 20	0.11	<0.05	mg/L	No

Note: Maximum Allowable Concentration (MAC) for Nitrate = 10 mg/L and for Nitrite = 1 mg/L

Table 6: Summary of Total Trihalomethane Results from the Distribution System

Date of Sample	THM Result	Unit of Measure	Running Average	Exceedance
January 13	1.4	ug/L	Q1 = 1.38	No
April 22	0.8	ug/L	Q2 = 1.18	No
July 14	2.1	ug/L	Q3 = 1.45	No
October 20	1.8	ug/L	Q4 = 1.53	No

Note: Maximum Allowable Concentration (MAC) for Total Trihalomethanes = 100 ug/L (Four Quarter Running Average)

Table 7: Summary of Total Haloacetic Acid Results from the Distribution System

Date of Sample	THM Result	Unit of Measure	Running Average	Exceedance
January 13	<8.0	ug/L	Q1 = <8.0	No
April 22	<8.0	ug/L	Q2 = <8.0	No
July 14	<8.0	ug/L	Q3 = <8.0	No
October 20	<8.0	ug/L	Q4 = <8.0	No

Note: Maximum Allowable Concentration (MAC) for Total Haloacetic Acid = 80 ug/L (Four Quarter Running Average)

Table 8: Summary of Lead Results under Schedule 15.1 (from the distribution system)

Date of Sample	# of Samples	Field pH *(min to max)*	Field Temperature (°C) *(min to max)*	Alkalinity (mg/L) *(min to max)*	Lead (ug/L) *(min to max)*
April 9	2	8.25 to 8.30	7.4 to 8.0	133 to 139	N/A
October 10	2	8.58 to 8.59	13.2 to 13.4	137 to 138	N/A

Note: *The system is required to test for total alkalinity and pH in two distribution samples collected during the period of December 15 to April 15 (winter period) and two distribution samples during the period of June 15 to October 15 (summer period). This testing is required in every 12-month period with lead testing in every third 12-month period. Lead testing was last performed in 2023, and the results ranged from <0.1 to <0.1 ug/L sampled on April 13th and from 0.1 to 0.1 ug/L sampled on October 5th. The next lead sampling events are scheduled for 2026.*

Table 9: Most Recent Schedule 23 Inorganic Results from the Water Treatment Plant

Parameter	Result Value	Unit of Measure	MAC	MAC Exceedance	½ MAC Exceedance
Antimony	<0.5	ug/L	6	No	No
Arsenic	3.0	ug/L	10	No	No
Barium	8.0	ug/L	1000	No	No
Boron	<2.0	ug/L	5000	No	No
Cadmium	<0.1	ug/L	5	No	No
Chromium	2.0	ug/L	50	No	No
Mercury	0.1	ug/L	1	No	No
Selenium	0.2	ug/L	50	No	No
Uranium	<1.0	ug/L	20	No	No

Note: Sampling required every 36 months (sample date = *October 24, 2023). Next sampling scheduled for October 2026.*

Table 10: Most Recent Schedule 24 Organic Results from the Water Treatment Plant

Parameter	Result Value	Unit of Measure	Standard	MAC Exceedance	½ MAC Exceedance
Alachlor	<0.31	ug/L	5	No	No
Atrazine + N-dealkylated metobolites	<0.50	ug/L	5	No	No
Azinphos-methyl	<0.23	ug/L	20	No	No
Benzene	<0.1	ug/L	1	No	No
Benzo(a)pyrene	<0.01	ug/L	0.01	No	No
Bromoxynil	0.1	ug/L	5	No	No
Carbaryl	<2.0	ug/L	90	No	No
Carbofuran	<3.0	ug/L	90	No	No
Carbon Tetrachloride	<0.2	ug/L	2	No	No
Chlorpyrifos	<0.23	ug/L	90	No	No
Diazinon	<0.23	ug/L	20	No	No
Dicamba	<0.09	ug/L	120	No	No

Parameter	Result Value	Unit of Measure	Standard	MAC Exceedance	½ MAC Exceedance
1,2-Dichlorobenzene	<0.20	ug/L	200	No	No
1,4-Dichlorobenzene	<0.30	ug/L	5	No	No
1,2-Dichloroethane	<0.20	ug/L	5	No	No
1,1-Dichloroethylene (vinylidene chloride)	<0.30	ug/L	14	No	No
Dichloromethane	<1.0	ug/L	50	No	No
2-4 Dichlorophenol	<0.20	ug/L	900	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	<0.38	ug/L	100	No	No
Diclofop-methyl	<0.13	ug/L	9	No	No
Dimethoate	<0.23	ug/L	20	No	No
Diquat	<0.20	ug/L	70	No	No
Diuron	<10	ug/L	150	No	No
Glyphosate	<20	ug/L	280	No	No
Malathion	<0.23	ug/L	190	No	No
Metolachlor	<0.15	ug/L	50	No	No
Metribuzin	<0.15	ug/L	80	No	No
Monochlorobenzene	<0.50	ug/L	80	No	No
Paraquat	<0.20	ug/L	10	No	No
Polychlorinated Biphenyls (PCBs)	<0.04	ug/L	3	No	No
Pentachlorophenol	<0.30	ug/L	60	No	No
Phorate	<0.15	ug/L	2	No	No
Picloram	<0.09	ug/L	190	No	No
Prometryne	<0.08	ug/L	1	No	No
Simazine	<0.23	ug/L	10	No	No
Terbufos	<0.15	ug/L	1	No	No
Tetrachloroethylene	<0.30	ug/L	10	No	No

Parameter	Result Value	Unit of Measure	Standard	MAC Exceedance	½ MAC Exceedance
2,3,4,6-Tetrachlorophenol	<0.30	ug/L	100	No	No
Triallate	<0.15	ug/L	230	No	No
Trichloroethylene	<0.20	ug/L	5	No	No
2,4,6-Trichlorophenol	<0.20	ug/L	5	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA)	<6.39	ug/L	100	No	No
Trifluralin	<0.15	ug/L	45	No	No
Vinyl Chloride	<0.10	ug/L	1	No	No

Note: Sampling required every 36 months (sample date = *October 24, 2023). Next sampling scheduled for October 2026.*

Inorganic or Organic Parameter(s) that Exceeded Half the Standard Prescribed in Schedule 2 of Ontario Drinking Water Quality Standards

No inorganic or organic parameter(s) listed in Schedule 23 and 24 of Ontario Regulation 170/03 (parameters listed in Table 9 and Table 10 of this report) exceeded half the standard found in Schedule 2 of the Ontario Drinking Water Standard (O. Reg.169/03) during the reporting period.

Table 11: Most Recent Sodium Data (from the Water Treatment Plant)

Date of Sample	Number of Samples	Result Value	Unit of Measure	MAC	Exceedance
October 20, 2025	1	3.33	mg/L	20	No

Note: Sample required every 60 months. Next sampling scheduled for October 2030.

The aesthetic objective for sodium in drinking water is 200 mg/L at which it can be detected by a salty taste. It is required that the local Medical Officer of Health be notified when the concentration exceeds 20 mg/L so that persons on sodium restricted diets can be notified by their physicians.

Table 12: Most Recent Fluoride Data Sampled at the Water Treatment Plant

Date of Sample	Number of Samples	Result Value	Unit of Measure	MAC	Exceedance
October 20, 2025	1	<0.05	mg/L	1.5	No

Note: Sample required every 60 months. Next sampling scheduled for October 2030.

9. Additional Testing Performed in Accordance with a Legal Instrument

No additional testing was required in 2025.

Schedule 22 – Summary Reports for Municipalities

10. Requirements the System Failed to Meet

The following table lists the requirements of the Safe Drinking Water Act (2002), the drinking water regulations, the Permit to Take Water (PTTW), the Municipal Drinking Water Licence (MDWL), the Drinking Water Works Permit (DWWP), and any other orders applicable to the system that were not met at any time during the reporting period.

According to information kept on record by OCWA, the Matheson Drinking Water System failed to meet the following requirements which were identified by operations staff during 72h reviews.

Table 13: Requirements the System Failed to Meet

Legislation	Requirement(s) not Met	Duration	Corrective Action(s)
PTTW No. 300-1137081725 (Well 2 flow rate maximum of 5.78 L/s)	The raw flow rate for well #2 was exceeded on multiple occasions from February 4-8, 2025. Scaling dried out in the plunger valve when High-Lift Pump 2 was offline for several months, causing issues with the plunger. The daily maximum water taking volumes were not exceeded during this time.	Combined total of 15 hours, 27 minutes.	OCWA provided training to operational staff and provided the training records to the MECP. ORO adjusted the flow rate of the pump to 5 L/s.

It should be noted that two (2) adverse water quality incidents were reported to the Ministry's Spills Action Center during the reporting period. Refer to *Section 5* - Details on Notices of Adverse Test Results and Other Problems Reported to & Submitted to the Spills Action Center on page 5 of this report for details.

11. Summary of Quantities and Flow Rates

11.1 Flow Monitoring

Municipal Drinking Water Licence (MDWL) No. 204-103 requires the owner to install a sufficient number of flow-measuring devices to permit the continuous measurement and recording of:

- the flow rate and daily volume of water conveyed from the treatment system to the distribution system, and
- the flow rate and daily volume of water conveyed into the treatment system.

The flow monitoring equipment identified in the MDWL is present and operating as required.

The system's Permit to Take Water (PTTW) No. 300-1137081725 requires that on each day water is taken from the source, the date, the volume of water taken on that date and the rate at which it was taken be recorded.

The Matheson Drinking Water System has a total of four flow meters to monitor the raw water from each well entering the treatment plant and one to monitor the treated water entering the distribution system. These flow metering devices were calibrated in accordance to manufacturers' specifications on an annual basis and are operating as required.

11.2 Rated Capacity and Flow Rates

The system's PTTW No. 300-1137081725 allows the plant to withdraw a total combined volume of 2690 cubic meters (m^3) each day. Wells No. 1 and 3 are each permitted to take 980 m^3 per day, and wells No. 2 and 4 are permitted to take 500 m^3 and 230 m^3 per day, respectively. A review of the raw water flow data indicates that the system did not exceed these allowable limits.

The Permit also allows a maximum flow rate of 680 L/minute from wells No. 1 and 3. Wells No. 2 and 4 are permitted a maximum flow rate of 347 L/minute and 160 L/minute, respectively. With the exception of the PTTW exceedance reported in February 2025, all raw water flow rate exceedances in 2025 were examined and determined to be inflated numbers due to momentary spikes on pump start-up/shutdown that lasted less than 3 minutes. As such, these spikes are not representative of actual maximum flow rates, which are depicted in the tables below.

Condition 1.0 (1.1) to Schedule C of MDWL No. 204-103 states that the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system must not exceed a maximum flow of 1710 m^3 on any calendar day. The Matheson DWS complied with this limit, having recorded a daily maximum volume of 588 m^3/day, which is 34% of the rated capacity.

The following tables (Tables 14 – 19) indicate the quantities and flow rates of water taken and produced during the reporting period, including monthly average flows, maximum daily flows and total monthly volumes. A comparison of the water data is made to the rated capacity and

flow rates specified in the system's Permit to Take Water and the Municipal Drinking Water License.

Figure 1 is a comparison of the maximum allowed water taking identified in the system's PTTW to the average and maximum raw water flows entering the water treatment plant.

Figure 2 is a comparison of the maximum rate specified in the system's MDWL to the average and maximum flows entering the treatment system.

Table 20 lists historical maximum raw and treated flows from 2019 to 2025.

Table 14: 2025 – Monthly Summary of Water Takings from the Source (Well No. 1)

Regulated by Permit to Take Water (PTTW) #300-1137081725 , issued July 23, 2021

Well No. 1	***Jan***	***Feb***	***Mar***	***Apr***	***May***	***Jun***	***Jul***	***Aug***	***Sep***	***Oct***	***Nov***	***Dec***	***Annual***
Total Volume (m^3)	0	5661	4752	4230	4449	4205	4299	4700	4302	4602	4176	4274	49650
Average Volume (m^3/d)	0	202	153	141	144	140	139	152	143	148	139	138	137
Maximum Volume (m^3/d)	0	345	190	182	179	195	230	183	194	253	180	177	345
PTTW - Maximum Allowable Volume (m^3/day)	980	980	980	980	980	980	980	980	980	980	980	980	980
Maximum Flow Rate (L/min)	16	678	679	671	680	677	675	680	679	679	670	667	680
PTTW - Maximum Allowable Flow Rate (L/min)	680	680	680	680	680	680	680	680	680	680	680	680	680

Table 15: 2025 – Monthly Summary of Water Takings from the Source (Well No. 2)

Regulated by Permit to Take Water (PTTW) #300-1137081725 , issued July 23, 2021

Well No. 2	***Jan***	***Feb***	***Mar***	***Apr***	***May***	***Jun***	***Jul***	***Aug***	***Sep***	***Oct***	***Nov***	***Dec***	***Annual***
Total Volume (m^3)	1692	3579	4654	4158	4403	4048	4180	4465	4104	4260	4051	4104	47698
Average Volume (m^3/d)	55	128	150	139	142	135	135	144	137	137	135	132	130.7
Maximum Volume (m^3/d)	144	162	190	151	161	159	153	172	190	156	153	146	190
PTTW - Maximum Allowable Volume (m^3/day)	500	500	500	500	500	500	500	500	500	500	500	500	500
Maximum Flow Rate (L/min)	304	453	337	335	332	333	337	334	335	333	331	329	453
PTTW - Maximum Allowable Flow Rate (L/min)	347	347	347	347	347	347	347	347	347	347	347	347	347

Table 16: 2025 – Monthly Summary of Water Takings from the Source (Well No. 3)

Regulated by Permit to Take Water (PTTW) #300-1137081725 , issued July 23, 2021

Well No. 3	***Jan***	***Feb***	***Mar***	***Apr***	***May***	***Jun***	***Jul***	***Aug***	***Sep***	***Oct***	***Nov***	***Dec***	***Annual***
Total Volume (m^3)	11688	3626	4610	4118	4552	3967	4152	4669	4287	4239	4162	4195	58265
Average Volume (m^3/d)	377	130	149	137	147	132	134	151	143	137	139	135	159
Maximum Volume (m^3/d)	490	165	198	157	352	173	158	183	299	200	163	164	490
PTTW - Maximum Allowable Volume (m^3/day)	980	980	980	980	980	980	980	980	980	980	980	980	980
Maximum Flow Rate (L/min)	642	675	643	644	641	646	679	680	680	680	670	669	680
PTTW - Maximum Allowable Flow Rate (L/min)	680	680	680	680	680	680	680	680	680	680	680	680	680

Table 17: 2025 – Monthly Summary of Water Takings from the Source (Well No. 4)

Regulated by Permit to Take Water (PTTW) #300-1137081725 , issued July 23, 2021

Well No. 4	***Jan***	***Feb***	***Mar***	***Apr***	***May***	***Jun***	***Jul***	***Aug***	***Sep***	***Oct***	***Nov***	***Dec***	***Annual***
Total Volume (m^3)	6	4	5	4	3	4	4	3	5	3	4	7	52
Average Volume (m^3/d)	0.19	0.14	0.16	0.13	0.10	0.13	0.13	0.10	0.17	0.10	0.13	0.23	0.14
Maximum Volume (m^3/d)	2	1	1	1	1	1	2	2	2	2	2	4	4
PTTW - Maximum Allowable Volume (m^3/day)	230	230	230	230	230	230	230	230	230	230	230	230	230
Maximum Flow Rate (L/min)	154	154	151	147	149	145	151	145	154	152	143	148	154
PTTW - Maximum Allowable Flow Rate (L/min)	160	160	160	160	160	160	160	160	160	160	160	160	160

Table 18: 2025 – Monthly Summary of Combined Water Takings from the Source

Combined (Well 1, 2, 3 & 4)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Total Volume (m^3)	13386	12870	14021	12510	13407	12224	12635	13837	12698	13104	12393	12580	155665
Average Volume (m^3/d)	432	460	452	417	432	407	408	446	423	423	413	406	426
Maximum Volume (m^3/d)	490	581	569	449	649	483	462	528	589	481	483	443	649
PTTW - Maximum Allowable Volume (m^3/day)	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690	2690

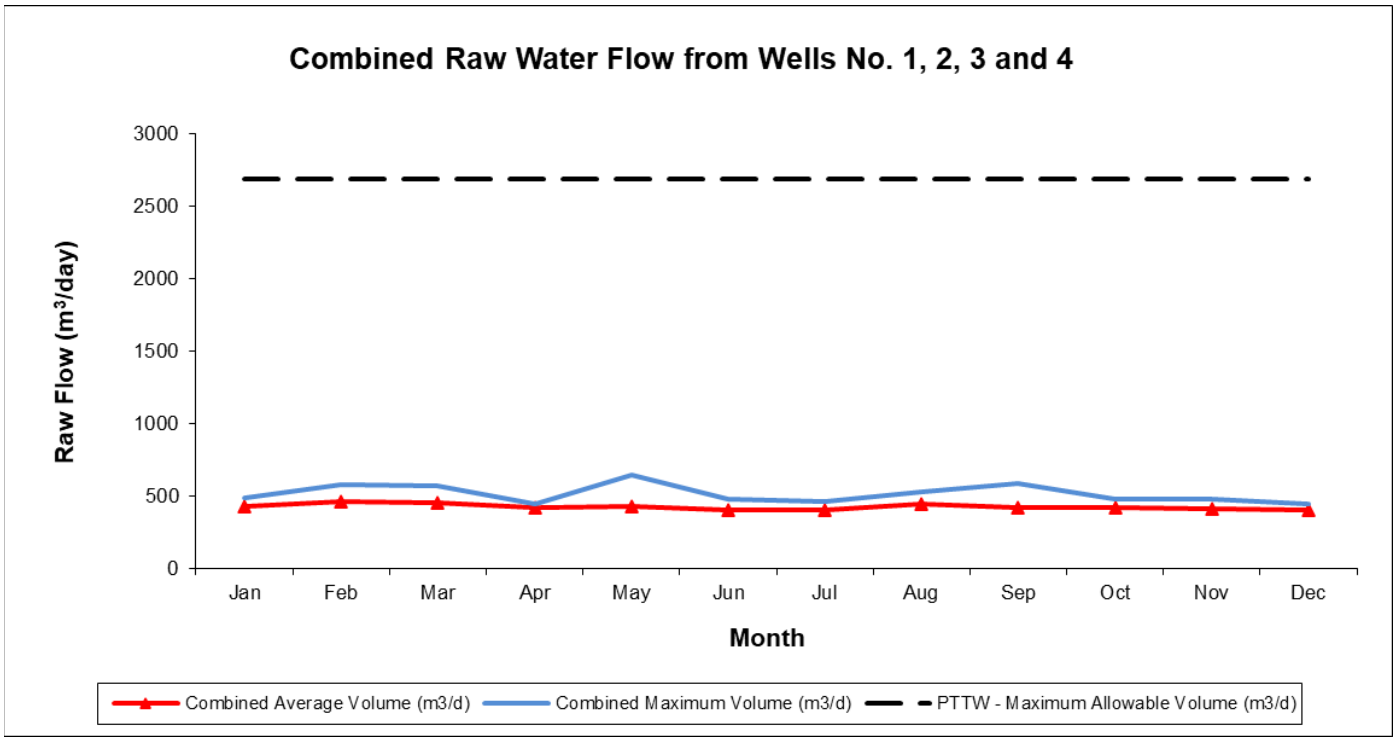

Figure 1: Comparison of Raw Water Flows to the Maximum Allowable Water Taking

Table 19: 2025 – Monthly Summary of Treated Water Supplied to the Distribution System

Regulated by Municipal Drinking Water Licence (MDWL) #204-103-6, issued March 14, 2022

Treatment Plant	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Total Volume (m^3)	13405	12532	14073	12552	13239	12249	12667	13805	12673	13073	12403	12644	155315
Average Volume (m^3/d)	432	448	454	418	427	408	409	445	422	422	413	408	426
Maximum Volume (m^3/d)	490	484	571	450	486	484	462	529	588	480	482	445	588
MDWL - Rated Capacity (m^3/day)	1710	1710	1710	1710	1710	1710	1710	1710	1710	1710	1710	1710	1710
% Rated Capacity	29	28	33	26	28	28	27	31	34	28	28	26	34

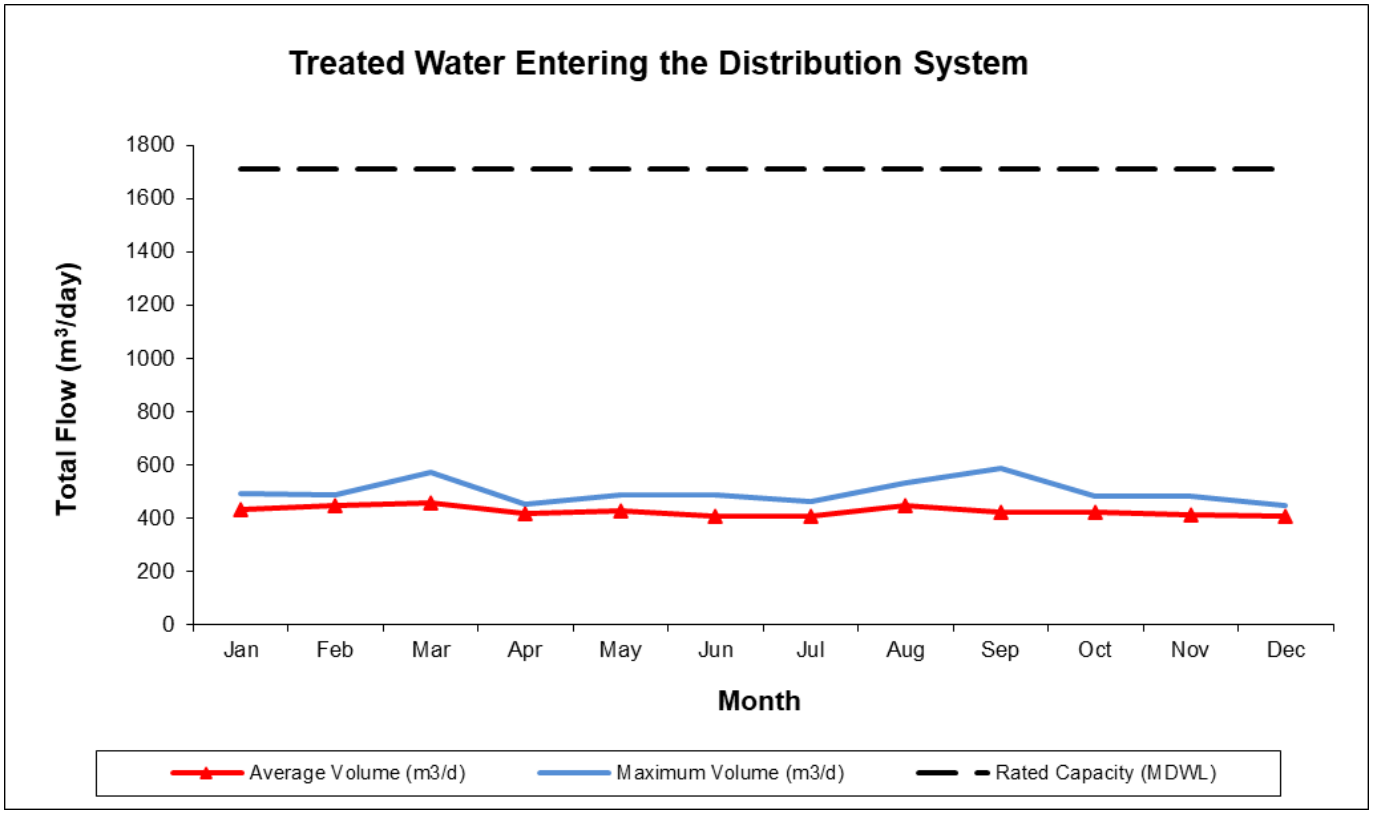

Figure 2: Comparison of Treated Flows to the Maximum Rated Capacity

11.3 System Performance

The following information is provided to enable the Owner to assess the capability of the system to meet existing and future water usage needs:

Rated Capacity of the Plant (MDWL)	1710 m^3/day	
Average Daily Flow for 2025	426 m^3/day	25% of the rated capacity
Maximum Daily Flow for 2025	588 m^3/day	34 % of the rated capacity
Total Treated Water Produced in 2025	155,315 m^3	

Table 20: 2025 – Historical Maximum Flows (2019 to 2025)

Year	Maximum Raw Flow (m^3/d)	Max. Day % of PTTW Allowable (2690 m3/d)	Maximum Treated Flow (m^3/d)	Max. Day % of MDWL Capacity (1710 m^3/d)
2025	649	24 %	588	34 %
2024	535	20 %	534	31 %
2023	636	24 %	629	37 %
2022	546	20 %	547	32 %
2021	512	19 %	509	30 %
2020	713	27 %	723	42 %
2019	604	22 %	598	35 %

Conclusion

The water quality data collected in 2025 demonstrates that the Matheson Drinking Water System provided high quality drinking water to its users.

The system was able to operate in accordance with the terms and conditions of the Permit to Take Water, with the exception of the incident listed in Section 8.0 *Requirements the System Failed to Meet.* Furthermore, the system operated in accordance with the rated capacity of the Municipal Drinking Water Licence while meeting the community's demand for water use.

Any non-compliances that were identified during the reporting period were addressed promptly and effectively. All Adverse Water Quality Incidents and events that occurred were reported to the Local Health Unit and the Ministry's Spills Action Center as required. All corrective actions were completed and the incidents were resolved as soon as possible.

APPENDIX A
Monthly Summary of Operational Data

Customized Monthly Report

From 01/01/2025 to 12/31/2025

Facility Name: MATHESON DRINKING WATER SYSTEM
Receiver:

Facility Org Number: 6011
Facility Owner: Municipality: Black River - Matheson
Service Population: 900

Works: 220002574
Facility Classification: Class 2 Water Treatment
Total Design Capacity: 1710 m3/day

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Distribution Water

1st Bacti/Residual	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	2025 Total	2025 Avg	2025 Max	2025 Min
Cl Residual: Free - mg/L																
Count	9.00	8.00	9.00	8.00	8.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	103.00			
IH Edited Count	9.00	8.00	9.00	8.00	8.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	103.00			
IH Month.Max	1.26	1.11	1.17	1.12	1.29	1.25	1.22	1.16	1.22	1.22	1.29	1.27			1.29	
IH Month.Mean	1.18	1.07	1.10	1.09	1.16	1.22	1.17	1.13	1.17	1.15	1.25	1.24		1.16		
IH Month.Min	1.09	1.02	0.99	1.03	0.91	1.19	1.13	1.06	1.09	1.09	1.18	1.18				0.91
E. Coli - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
HPC - cfu/mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	< 10.00	10.00	10.00	10.00	< 10.00	< 10.00	10.00	< 10.00	10.00	10.00	10.00	10.00			10.00	
Lab Month.Mean	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00		< 10.00		
Lab Month.Min	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00				< 10.00
Total Coliform: TC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00

2nd Bacti/Residual	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	2025 Total	2025 Avg	2025 Max	2025 Min
Cl Residual: Free - mg/L																
Count	6.00	5.00	6.00	6.00	5.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	89.00			
IH Edited Count	6.00	5.00	6.00	6.00	5.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	89.00			
IH Month.Max	1.21	1.12	1.12	1.15	1.25	1.26	1.24	1.20	1.26	1.21	1.34	1.26			1.34	
IH Month.Mean	1.17	1.05	1.10	1.09	1.21	1.22	1.18	1.13	1.20	1.17	1.25	1.24		1.17		
IH Month.Min	1.11	0.96	1.05	1.06	1.16	1.18	1.11	1.00	1.11	1.08	1.16	1.21				0.96
E. Coli - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00

Total Coliform: TC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00

													2025			
3rd Bacti/Residual	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
Cl Residual: Free - mg/L																
Count	7.00	7.00	8.00	7.00	8.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	98.00			
IH Edited Count	7.00	7.00	8.00	7.00	8.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	98.00			
IH Month.Max	1.21	1.13	1.12	1.12	1.22	1.26	1.20	1.18	1.22	1.12	1.28	1.26			1.28	
IH Month.Mean	1.16	1.03	1.07	1.08	1.14	1.18	1.14	1.12	1.12	1.07	1.22	1.22		1.13		
IH Month.Min	1.09	0.85	1.01	1.00	0.96	1.07	1.07	1.07	0.85	0.95	1.09	1.17				0.85

													2025			
4th Residual	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
Cl Residual: Free - mg/L																
Count	9.00	8.00	9.00	8.00	8.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	103.00			
IH Edited Count	9.00	8.00	9.00	8.00	8.00	9.00	8.00	9.00	9.00	9.00	8.00	9.00	103.00			
IH Month.Max	1.23	1.15	1.12	1.18	1.29	1.23	1.20	1.13	1.23	1.20	1.27	1.28			1.29	
IH Month.Mean	1.18	1.07	1.09	1.10	1.19	1.21	1.14	1.08	1.13	1.11	1.22	1.23		1.15		
IH Month.Min	1.08	1.02	1.06	1.05	1.06	1.19	1.09	1.00	1.04	1.04	1.14	1.16				1.00

Raw Water

													2025			
Well 1	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
E. Coli: EC - cfu/100mL																
Count	2.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	50.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Total Coliform: TC - cfu/100mL																
Count	2.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	50.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Turbidity - NTU																
Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Edited Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Month.Max	0.41	0.24	0.32	0.38	0.30	0.28	0.26	0.53	0.42	0.49	0.48	0.40			0.53	
IH Month.Mean	0.41	0.24	0.32	0.38	0.30	0.26	0.26	0.53	0.42	0.49	0.48	0.40		0.37		
IH Month.Min	0.41	0.24	0.32	0.38	0.30	0.24	0.26	0.53	0.42	0.49	0.48	0.40				0.24

													2025			
Well 2	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
E. Coli: EC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Total Coliform: TC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Turbidity - NTU																
Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Edited Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Month.Max	0.68	0.69	0.20	0.32	0.15	0.34	0.24	0.45	0.52	0.42	0.38	0.23			0.69	
IH Month.Mean	0.68	0.69	0.20	0.32	0.15	0.31	0.24	0.45	0.52	0.42	0.38	0.23		0.38		
IH Month.Min	0.68	0.69	0.20	0.32	0.15	0.27	0.24	0.45	0.52	0.42	0.38	0.23				0.15

													2025			
Well 3	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
E. Coli: EC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Total Coliform: TC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Turbidity - NTU																
Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Edited Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Month.Max	0.70	0.36	0.28	0.41	0.38	0.39	0.59	0.83	0.89	0.65	0.65	0.33			0.89	
IH Month.Mean	0.70	0.36	0.28	0.41	0.38	0.34	0.59	0.83	0.89	0.65	0.65	0.33		0.52		
IH Month.Min	0.70	0.36	0.28	0.41	0.38	0.28	0.59	0.83	0.89	0.65	0.65	0.33				0.28

Well 4	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
E. Coli: EC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Total Coliform: TC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Turbidity - NTU																
Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Edited Count	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
IH Month.Max	0.63	0.91	0.93	0.92	0.71	0.89	0.55	0.77	0.61	0.92	0.84	0.79			0.93	
IH Month.Mean	0.63	0.91	0.93	0.92	0.71	0.79	0.55	0.77	0.61	0.92	0.84	0.79		0.78		
IH Month.Min	0.63	0.91	0.93	0.92	0.71	0.68	0.55	0.77	0.61	0.92	0.84	0.79				0.55

Treated Water

Reservoir	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	2025 Total	2025 Avg	2025 Max	2025 Min
Cl Residual: Free - mg/L																
OL Month.Max	1.29	1.26	1.17	1.19	1.94	1.27	1.93	1.24	1.23	1.93	1.35	1.47			1.94	
OL Month.Mean	1.17	1.03	1.01	1.02	1.10	1.13	1.09	1.07	1.07	1.04	1.17	1.18		1.09		
OL Month.Min	1.06	0.88	0.48	0.27	0.97	0.37	0.94	0.35	0.97	0.92	1.01	0.80				0.27

Treated Water	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	2025 Total	2025 Avg	2025 Max	2025 Min
E. Coli: EC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
HPC - cfu/mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	< 10.00	< 10.00	10.00	10.00	10.00	< 10.00	90.00	70.00	60.00	10.00	< 10.00	< 20.00			90.00	
Lab Month.Mean	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 42.00	< 27.50	< 20.00	< 10.00	< 10.00	< 12.00		< 15.49		
Lab Month.Min	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00	< 10.00				< 10.00
Total Coliform: TC - cfu/100mL																
Count	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	

		Lab Month.Mean		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00				0.00				
		Lab Month.Min		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00								0.00