



# **WASAGA BEACH DRINKING WATER SYSTEM**

## **PERFORMANCE REPORT**

For the period of  
**JANUARY 1, 2024 to AUGUST 31, 2024**

Prepared by the Ontario Clean Water Agency



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

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**Note:** This report may not represent the most recent available data. In the following months report, missing data will be added.

# 1. Process Performance & Regulatory Compliance

## 1.1 Summary of Non-Compliances & AWQIs

From **January 1, 2024 to August 31, 2024**:

- Number of Non-Compliances = **0**
- Number of Adverse Water Quality Incidents (AWQIs) = **0**

The table below is a summary of Wasaga Beach DWS performance in accordance with the regulatory limits in:

- Municipal Drinking Water License (MDWL) 131-101, Issue 4, expires March 16, 2026
- Permit To Take Water (PTTW) 8041-BFHJV2, expires December 31, 2024
- Ontario Regulation 170/03 and 169/03

2024	Non-Compliances	AWQIs
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September		
October		
November		
December		

### 1.1.1 Description of Non-Compliances

The following is a summary of the requirements of the Safe Drinking Water Act (SDWA), Ontario Regulation 170/03 and 169/03, Certificates of Approval (CofAs), Drinking Water Works Permit (DWWP), Municipal Drinking Water License (MDWL), and any orders applicable to the system that were not during the time period covered by this report; including duration and measures taken to correct a failure:

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

### 1.1.2 Description of AWQIs

The following contains details on 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 the Spills Action Centre:

Date of Incident (yyyy/mm/dd)	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date (yyyy/mm/dd)
N/A	N/A	N/A	N/A	N/A	N/A

## 1.2 Summary of Process Performance

### 1.2.1 Flow – Raw and Treated

#### 1.2.1.1 Raw Water Flow: Jenetta and Powerline Pumphouses

During the reporting period, the raw water takings at the Jenetta and Powerline Pumphouses were **within the limits** of the current PTTW as per the summary of the maximum daily flow for the month.

2024	Jenetta Pumphouse		Powerline Pumphouse	
	Maximum Daily Flow (m <sup>3</sup> /day)	Within Limits (15,707.52 m <sup>3</sup> )	Maximum Daily Flow (m <sup>3</sup> /day)	Within Limits (15,707.52 m <sup>3</sup> )
January	2,613	Yes	4,773	Yes
February	4,686	Yes	4,511	Yes
March	2,342	Yes	4,246	Yes
April	2,499	Yes	5,043	Yes
May	3,574	Yes	8,025	Yes
June	4,728	Yes	9,365	Yes
July	8,604	Yes	10,113	Yes
August	7,631	Yes	8,737	Yes
September				
October				
November				
December				

#### 1.2.1.2 Treated Water Flow: Jenetta Pumphouse

During the reporting period, the Jenetta Pumphouse operated **within the rated capacity** set out in current MDWL.

2024	Average Flow (m <sup>3</sup> /d)	% of Rated Capacity	Maximum Flow (m <sup>3</sup> /d)	% of Rated Capacity	Within Limits (15,707.52 m <sup>3</sup> /d)
January	2,048.94	13.04	2,613	16.64	Yes
February	2,159.17	13.75	4,686	29.83	Yes
March	1,984.94	12.63	2,342	14.91	Yes
April	2,010.87	12.80	2,499	15.91	Yes
May	2,634.21	16.77	3,574	22.75	Yes
June	3,615.20	23.02	4,728	30.10	Yes
July	5,172.26	32.93	8,604	54.78	Yes
August	5,778.19	36.79	7,631	48.58	Yes
September					
October					
November					
December					

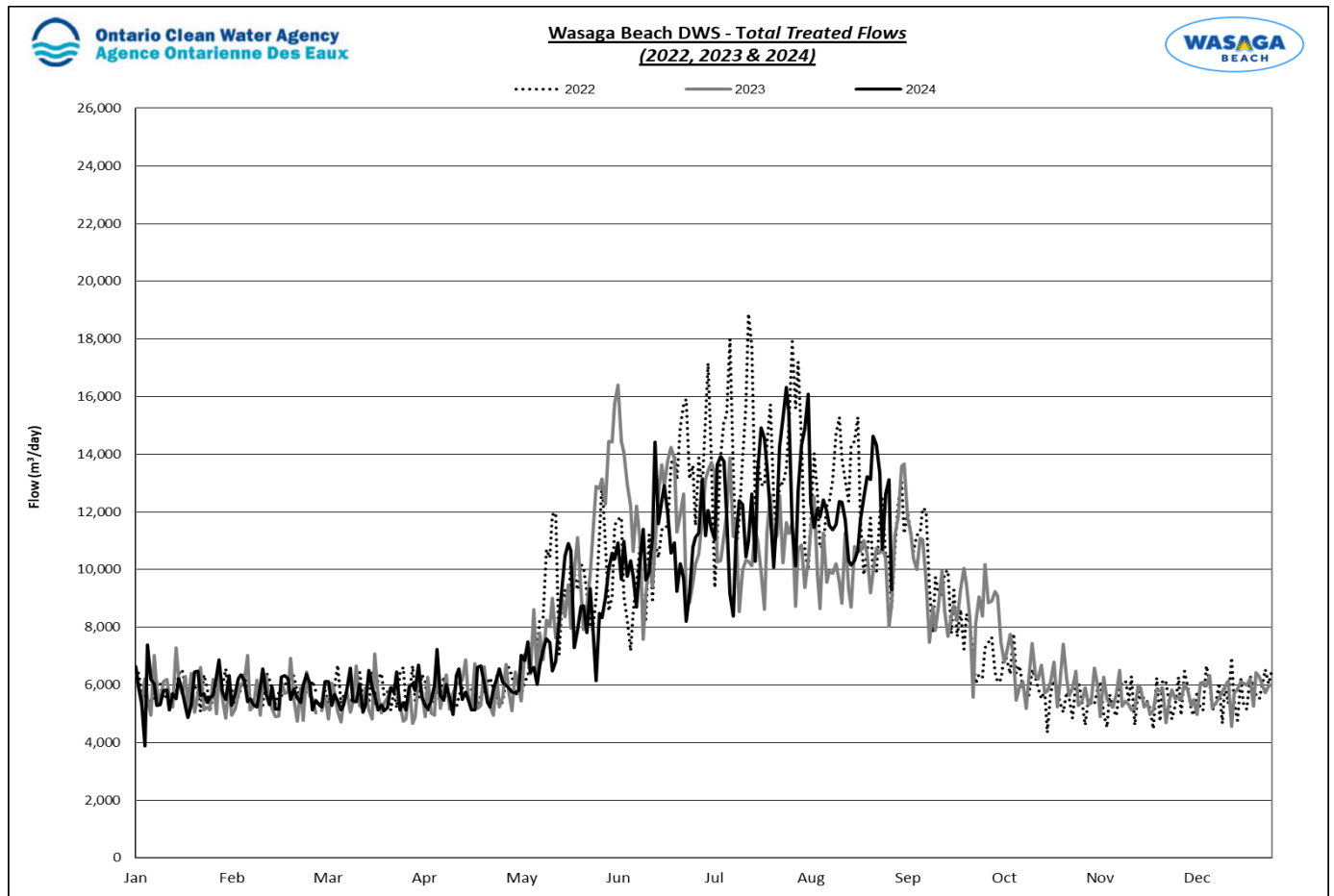
### 1.2.1.3 Treated Water Flow: Powerline Pumphouse

During the reporting period, the Powerline Pumphouse operated **within the rated capacity** set out in current MDWL.

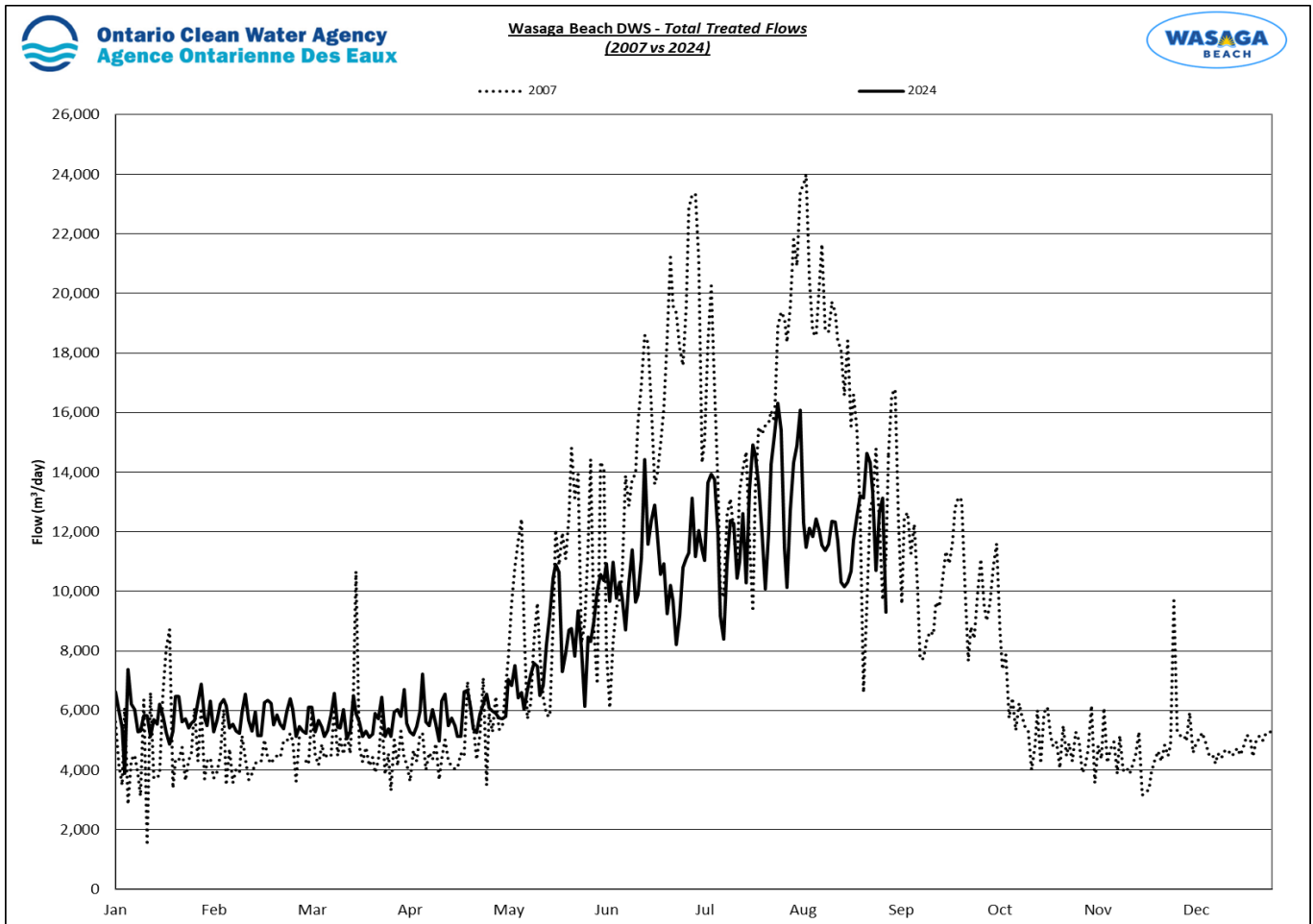
2024	Average Flow (m <sup>3</sup> /d)	% of Rated Capacity	Maximum Flow (m <sup>3</sup> /d)	% of Rated Capacity	Within Limits (15,707.52 m <sup>3</sup> /d)
January	3,733.45	23.77	4,773	30.39	Yes
February	3,576.48	22.77	4,511	28.72	Yes
March	3,642.27	23.16	4,246	27.03	Yes
April	3,813.23	24.44	5,043	31.26	Yes
May	5,202.97	33.12	8,025	47.72	Yes
June	6,947.40	44.23	9,365	59.62	Yes
July	7,172.52	45.66	10,113	64.38	Yes
August	6,515.29	41.48	8,737	55.62	Yes
September					
October					
November					
December					

### 1.2.1.4 Treated Water Flow: Comparison with Previous Years [Graphs]

The following is a graphic representation of the treated water flow over the last three years:



The following is a graphic representation of the comparison of treated water of flow in 2024 with 2007 (before water-meters):



## 1.2.2 Water Quality – Microbiological Testing

### 1.2.2.1 Raw Water Quality: Jenetta Wells and Powerline Wells

2024	# of Samples	E.Coli (cfu/100mL)			Total Coliforms (cfu/100mL)		
		Minimum	Maximum	Within Limits? +	Minimum	Maximum	Within Limits? +
January	21 <sup>1,2</sup>	0	0	N/A	0	0	N/A
February	20 <sup>2</sup>	0	0	N/A	0	0	N/A
March	23 <sup>2</sup>	0	0	N/A	0	0	N/A
April	30 <sup>2</sup>	0	0	N/A	0	0	N/A
May	22 <sup>3</sup>	0	0	N/A	0	0	N/A
June	17 <sup>2,3</sup>	0	0	N/A	0	0	N/A
July	20 <sup>2,3</sup>	0	0	N/A	0	0	N/A
August	20 <sup>3</sup>	0	0	N/A	0	0	N/A
September				N/A			N/A
October				N/A			N/A
November				N/A			N/A
December				N/A			N/A
YTD	173	0	0	N/A	0	0	N/A

+Raw water bacteriological samples do not have regulatory limits.

<sup>1</sup>Jenetta Well 1 - out of service (sampled Jan 30)

<sup>2</sup>Powerline Well 4 – out of service (sampled March 21, June 4)

<sup>3</sup>Jenetta Well 2 – out of service (sampled May 7)

### 1.2.2.2 Treated Water Quality: Jenetta and Powerline Pumphouses

2024	# of Samples	E. Coli (0 cfu/100mL)			Total Coliforms (0 cfu/100mL)			HPC <sup>+</sup> (cfu/100mL)		
		Min.	Max.	Within Limits?	Min.	Max.	Within Limits?	Min.	Max.	Within Limits?
January	10	0	0	NA	0	0	NA	<10	<10	N/A
February	8	0	0	NA	0	0	NA	<10	20	N/A
March	8	0	0	NA	0	0	NA	<10	10	N/A
April	10	0	0	NA	0	0	NA	<10	<10	N/A
May	8	0	0	NA	0	0	NA	<10	<10	N/A
June	8	0	0	NA	0	0	NA	<10	<10	N/A
July	10	0	0	NA	0	0	NA	<10	10	N/A
August	8	0	0	NA	0	0	NA	<10	20	N/A
September				NA			NA			N/A
October				NA			NA			N/A
November				NA			NA			N/A
December				NA			NA			N/A
YTD	70	0	0	NA	0	0	NA	<10	20	N/A

+ There is no regulatory limit for Heterotrophic Plate Count (HPC); it is used as an indicator test.

**1.2.2.3 Distribution Water Quality: Wasaga Beach**

2024	# of Samples	E. Coli (0 cfu/100mL)			Total Coliforms (0 cfu/100mL)			HPC <sup>+</sup> (cfu/100mL)			
		Min	Max	Within Limits?	Min	Max	Within Limits?	# of Samples	Min	Max	Within Limits?
January	45	0	0	Yes	0	0	Yes	15	<10	15	N/A
February	36	0	0	Yes	0	0	Yes	12	<10	12	N/A
March	36	0	0	Yes	0	0	Yes	12	<10	12	N/A
April	45	0	0	Yes	0	0	Yes	15	<10	20	N/A
May	36	0	0	Yes	0	0	Yes	12	<10	10	N/A
June	36	0	0	Yes	0	0	Yes	12	<10	<10	N/A
July	45	0	0	Yes	0	0	Yes	15	<10	10	N/A
August	36	0	0	Yes	0	0	Yes	12	<10	20	N/A
September											N/A
October											N/A
November											N/A
December											N/A
YTD	315	0	0	Yes	0	0	Yes	105	<10	20	N/A

<sup>+</sup> There is no regulatory limit for Heterotrophic Plate Count (HPC); it is used as an indicator test. At least 25% of distribution samples must be tested for Heterotrophic Plate Count (HPC)

**1.2.3 Water Quality – Operational Testing**

**1.2.3.1 Treated Water Quality: Jenetta Pumpouse, Free Chlorine Residual**

2024	Minimum Chlorine (mg/L)	Maximum Chlorine (mg/L)	Within Limits? (CT Achieved)
January	1.39	1.84	Yes
February	1.35	1.83	Yes
March	1.32	1.76	Yes
April	1.26	1.67	Yes
May	1.42	1.71	Yes
June	1.00	1.85	Yes
July	1.35	1.77	Yes
August	1.32	1.71	Yes
September			
October			
November			
December			



**1.2.3.2 Treated Water Quality: Powerline Pumphouse, Free Chlorine Residual**

<b>2024</b>	<b>Minimum Chlorine (mg/L)</b>	<b>Maximum Chlorine (mg/L)</b>	<b>Within Limits? (CT Achieved)</b>
January	1.06	1.47	Yes
February	1.32	2.04	Yes
March	1.15	1.87	Yes
April	1.23	2.00	Yes
May	1.25	1.85	Yes
June	1.20	2.12	Yes
July	1.22	1.81	Yes
August	1.03	1.86	Yes
September			
October			
November			
December			

**1.2.3.3 Distribution Water Quality: Wasaga Beach System, Free Chlorine Residual**

<b>2024</b>	<b>Minimum Chlorine (mg/L)</b>	<b>Maximum Chlorine (mg/L)</b>	<b>Within Limits? (&gt;0.05 mg/L)</b>
January	0.82	1.67	Yes
February	1.09	1.95	Yes
March	0.95	1.93	Yes
April	1.03	1.91	Yes
May	0.95	1.72	Yes
June	1.18	2.42	Yes
July	0.81	1.77	Yes
August	0.72	1.96	Yes
September			
October			
November			
December			

## 1.2.4 Water Quality – Chemical Testing

### 1.2.4.1 Treated Water Quality: Jenetta and Powerline Pumphouses, Nitrites (Quarterly)

2024	Jenetta Pumphouse		Powerline Pumphouse	
	Nitrite Concentration (mg/L)	Within Limits? (1 mg/L)	Nitrite Concentration (mg/L)	Within Limits? (1 mg/L)
January	0.003 <MDL	Yes	0.003 <MDL	Yes
February	-	-	-	-
March	-	-	-	-
April	0.003 <MDL	Yes	0.003 <MDL	Yes
May	-	-	-	-
June	-	-	-	-
July	0.003 <MDL		0.003 <MDL	Yes
August	-	-	-	-
September	-	-	-	-
October				
November	-	-	-	-
December	-	-	-	-

\* Where MDL refers to the Minimum Detection Limit.

### 1.2.4.2 Treated Water Quality: Jenetta and Powerline Pumphouses, Nitrates (Quarterly)

2024	Jenetta Pumphouse		Powerline Pumphouse	
	Nitrate Concentration (mg/L)	Within Limits? (10 mg/L)	Nitrate Concentration (mg/L)	Within Limits? (10 mg/L)
January	0.006 <MDL	Yes	0.006 <MDL	Yes
February	-	-	-	-
March	-	-	-	-
April	0.006 <MDL	Yes	0.006 <MDL	Yes
May	-	-	-	-
June	-	-	-	-
July	0.006 <MDL	Yes	0.006 <MDL	Yes
August	-	-	-	-
September	-	-	-	-
October				
November	-	-	-	-
December	-	-	-	-

\* Where MDL refers to the Minimum Detection Limit.

**1.2.4.3 Distribution Water Quality: Total Trihalomethanes (TTHMs) (Quarterly)**

2024	TTHM Concentration (µg/L)	Running Annual Average (µg/L)	Within Limits? (100 µg/L)
January	19	25	Yes
February	-	-	-
March	-	-	-
April	19	23	Yes
May	-	-	-
June	-	-	-
July	25	23	Yes
August	-	-	-
September	-	-	-
October	-	-	-
November	-	-	-
December	-	-	-

**1.2.4.4 Distribution Water Quality: Haloacetic Acids (HAAs) (Quarterly)**

2024	HAA Concentration (µg/L)	Running Annual Average (µg/L)	Within Limits? (80 µg/L)
January	5.3 <MDL	5.3 <MDL	Yes
February	-	-	-
March	-	-	-
April	5.3 <MDL	5.3 <MDL	Yes
May	-	-	-
June	-	-	-
July	5.3 <MDL	5.3 <MDL	Yes
August	-	-	-
September	-	-	-
October	-	-	-
November	-	-	-
December	-	-	-

\* Where MDL refers to the Minimum Detection Limit.

**1.2.5 Water Quality – Lead, Alkalinity and pH (Semi-Annual)**

**1.2.5.1 Distribution Water: Wasaga Beach**

Lead Semi-Annual sampling is required every 36 months and twice in the applicable year; once in the period from December 15<sup>th</sup> to April 15<sup>th</sup> and once in the period June 15<sup>th</sup> to October 15<sup>th</sup>. Lead sampling is next required in **January, 2026**; the latest samples were taken in January and July 2023 and those results were **within the regulatory limits**

Alkalinity and pH Semi-Annual sampling is required twice a year; once in the period from December 15<sup>th</sup> to April 15<sup>th</sup> and once in the period June 15<sup>th</sup> to October 15<sup>th</sup>.

2024	# of Samples	Lead (µg/L)			Alkalinity (mg/L)			pH		
		Min.	Max.	Within Limits? (10 µg/L)	Min.	Max.	Within Limits? (30-500 mg/L)	Min.	Max.	Within Limits? (6.5-8.5)
January	4	-	-	-	175	183	Yes	7.80	7.98	Yes
February	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
July	4	-	-	-	180	199		7.10	7.41	Yes
August	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-

### 1.2.6 Water Quality – Schedule 23 & Schedule 24 (36 Months)

#### 1.2.6.1 Treated Water: Jenetta and Powerline Pumphouses

Treated water Inorganic and Organic chemicals were last tested on **January 18, 2024** and the sample results were **within the regulatory limits** as per O. Reg. 169/03. The next set of Schedule 23 and Schedule 24 samples are scheduled to be taken in January, 2027.

### 1.2.7 Water Quality – Sodium & Fluoride (60 Months)

#### 1.2.7.1 Treated Water: Jenetta and Powerline Pumphouses

Treated water Sodium and Fluoride was last sampled on **July 18, 2023** and the sample results were **within regulatory limits**. The next set of Sodium and Fluoride samples is scheduled for **July, 2028**.

## 1.3 Reporting

A summary of the reports submitted by OCWA to/on behalf of the Town are summarized in the table below:

Report	Submission Frequency	Submit To	Last Submission Date
Annual Report (Section 11)	Annually	Owner	February 27, 2024
Summary Report (Schedule 22)	Annually	Owner	March 5, 2024

### 1.3.1 Annual Report (Section 11)

As required by Section 11 of O. Reg. 170/03, OCWA prepares a report for the Town that covers the period from January 1 to December 31 by no later than February 28 of the following year. The annual report must:

- a) contain a brief description of the drinking water system, including a list of water treatment chemicals used by the system during the period covered by the report;

- b) summarize any reports made to the Ministry under subsection 18 (1) of the Act or section 16-4 of Schedule 16 during the period covered by the report;
- c) summarize the results of tests required under this Regulation, or under an approval, municipal drinking water license or order, including an OWRA order, during the period covered by the report and, if tests required under this Regulation in respect of a parameter were not required during that period, summarize the most recent results of tests of that parameter;
- d) describe any corrective actions taken under Schedule 17 or 18 during the period covered by the report;
- e) describe any major expenses incurred during the period covered by the report to install, repair or replace required equipment;
- f) in the case of a large municipal residential system or a small municipal residential system, include a statement of where a report prepared under Schedule 22 will be available for inspection under subsection 12 (4); and
- g) in the case of a large municipal residential system, small municipal residential system or non-municipal year-round residential system, specify the number of points sampled during the periods described in subsection 15.1-4 (2) or subsection 15.1-5 (5) of Schedule 15.1 to the Regulation, the number of samples taken, and the number of points where a sample exceeded the prescribed standard for lead during those periods. O. Reg. 170/03, s. 11 (6); O. Reg. 418/09, s. 8; O. Reg. 458/16, s. 6 (1).

“The owner of a drinking water system shall ensure that a copy of an annual report for the system is given, without charge, to every person who requests a copy. If a drinking water system is connected to and receives all of its drinking water from another drinking water system, the owner of the system that obtains the water shall ensure that a copy of an annual report for the system from which the water is obtained is given, without charge, to every person who requests a copy. Every time that an annual report is prepared for a drinking water system, the owner of the system shall ensure that effective steps are taken to advise users of water from the system that copies of the report are available, without charge, and of how a copy may be obtained. If the DWS serves more than 10,000 people, the owner of the system shall ensure that a copy of every report prepared under this section is available to the public at no charge on a website on the Internet.”

### **1.3.2 Summary Report (Schedule 22)**

As required by Schedule 22 of O. Reg. 170/03 OCWA prepares a report on behalf of the Town by no later than March 31 each year for the preceding year. This report is to be given to members of council.

“The report must,

- a) List 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; and
- b) For each requirement referred to that was not met, specify the duration of the failure and the measures that were taken to correct the failure.

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

1. 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.

2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system’s approval, drinking water works permit or municipal drinking water license, or if the system is receiving all of its water from another system under an agreement pursuant to subsection 5 (4), to the flow rates specified in the written agreement.”

## 1.4 Third Party Inspections & Results

The most recent Ministry of Environment, Conservation and Parks (MECP) inspection was an announced inspection which occurred on **January 10, 2024** for the 2023 reporting year. There were no issues of non-compliance or suggested opportunities for improvement. The final inspection report rating was **100%**.

## 1.5 Drinking Water Quality Management Standard (DWQMS)

The Ministry of Environment and Climate Change (now MECP) released a revision of the standard (DWQMS Version 2.0) on April 6, 2017. The Wasaga Beach Well Supply System has its own Operational Plan under DWQMS and it has been updated to reflect the requirements outlined in the DWQMS Standards version 2.0.

### 1.5.1 Risk Assessment

As required by the DWQMS, potential hazardous events and associated risks are ranked and control measures/critical control points are identified during the risk assessment process. A risk assessment is conducted at least once every 36 months and the currency of the risk assessment is verified at least once a year. The risk assessment verification is included as part of the 36 month risk assessment process.

The last annual risk assessment review was performed on **June 28, 2023**. The 36-month risk assessment was performed on **October 21, 2021**; the next 36-month risk assessment is due in October, 2024.

### 1.5.2 Review & Provision of Infrastructure

On an annual basis, Operators and the Senior Operations Manager discuss Capital Works requirements. The Senior Operations Manager conducts a review of the drinking water system’s infrastructure to assess its adequacy for the operation and maintenance of the system.

The output of the review is a Summary of Capital Works Recommendations that is submitted to the owner for review and comment (typically in autumn). Together with the owner, timelines and responsibilities for implementation of priority items are determined and documented. The Senior Operations Manager ensures that results of the review are included as input to the Management Review process.

### 1.5.3 Internal Audits

As required by DWQMS, internal audits occur at least once every calendar year. **June 20, 2024**, the last internal audit was completed. The purpose of the internal audit is to ensure that the requirements of DWQMS were met, and that measurable steps are being taken to continually improve.

### 1.5.4 External Audits

Annually, an external audit is performed by a third-party (SAI Global) so that the Operating Authority may maintain their accreditation of the facility. The external audits run on a 3-year cycle as follows:

- Full scope (re)accreditation

- S1: Surveillance Audit
- S2: Surveillance Audit

The Wasaga Beach DWS underwent a **Full scope (re) accreditation** audit on February 7 (part 1) and March 8 (part 2) in 2022. Reaccreditation by SAI Global was issued on March 17, 2022 and remains valid for three years. February 27, 2024, Wasaga Beach Well Supply System underwent a **12 Month Surveillance System 2 Audit**. The result was zero non-conformances and zero opportunities for improvement.

### 1.5.5 Management Review

A Management Review is to be completed at least once every calendar year and the minutes from the Management Review are sent to the Town following the completion of the review. The most recent Joint-Management Review with the Town of Wasaga Beach was completed on **October 25, 2023**. During the management review, participants are required to review:

- a. incidents of regulatory non-compliance,
- b. incidents of adverse drinking-water tests,
- c. deviations from critical control point limits and response actions,
- d. the efficacy of the risk assessment process,
- e. internal and third-party audit results,
- f. results of emergency response testing,
- g. operational performance,
- h. raw water supply and drinking water quality trends,
- i. follow-up on action items from previous management reviews,
- j. the status of management action items identified between reviews,
- k. changes that could affect the Quality Management System,
- l. consumer feedback,
- m. the resources needed to maintain the Quality Management System,
- n. the results of the infrastructure review,
- o. Operational Plan currency, content and updates, and
- p. Staff suggestions.
- q. Review/consideration of Best Management Practices *[new for DWQMS 2.0]*

## 2. Operations & Maintenance

### 2.1 Major Maintenance, Repair & Capital

2024	Maintenance, Repair & Capital Summary
January	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Monitoring Well TW1-92 level logger replacement</li> <li>• Powerline Sodium hypochlorite tank level sensor replacement</li> <li>• Powerline Well 4 pump motor and column piping replacement</li> <li>• Jenetta Well 1 column piping replacement</li> </ul>

2024	Maintenance, Repair & Capital Summary
February	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Powerline Well 4 pump motor and column piping replacement</li> </ul>
March	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Annual Backflow Device Inspections (PM)</li> <li>• Powerline Well 4 Base plate Modifications</li> </ul>
April	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Chlorine Analyzer Membrane and Electrolyte Replacement (CAP)</li> </ul>
May	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Diesel Genset Annual PM – Powerline (PM)</li> <li>• Jenetta Well 2 Inspection and Pump Refurbishment in progress (CAP)</li> <li>• Powerline DWS Bulk Filling Station Repairs (CAP)</li> </ul>
June	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Jenetta Well 2 Inspection and Pump Refurbishment in progress (CAP)</li> <li>• Powerline Well 4 motor replacement in progress</li> </ul>
July	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Jenetta Well 2 Inspection and Pump Refurbishment in progress (CAP)</li> <li>• Powerline Well 4 motor replacement in progress</li> </ul>



2024	Maintenance, Repair & Capital Summary
August	<ul style="list-style-type: none"> <li>• Analyzer Lab Turbidity &amp; Chlorine Calibration/Testing (PM)</li> <li>• Facility Health and Safety Inspection (PM)</li> <li>• Diesel Genset Testing (PM)</li> <li>• Alarm Dialer Testing (PM)</li> <li>• Well Monitoring Inspection (PM)</li> <li>• MCC Testing (PM)</li> <li>• Jenetta Well 2 Inspection and Pump Refurbishment in progress (CAP)</li> <li>• Powerline Well 4 motor replacement complete</li> <li>• Jenetta Chlorine Tank Level Sensor Replacement (CORR)</li> </ul>
September	
October	
November	
December	

## 2.2 Call-Ins

2024	# of Call-Ins	Details of Call-Ins
January	5	<ul style="list-style-type: none"> <li>• Jan 14, Jenetta pre-chlorine HI/LOW ALARM</li> <li>• Jan 16, Jenetta pre-chlorine HI/LOW ALARM</li> <li>• Jan 19, Powerline pre-chlorine HI/LOW ALARM</li> <li>• Jan 20, Jenetta 2X pre-chlorine HI/LOW ALARM</li> </ul>
February	3	<ul style="list-style-type: none"> <li>• Feb 2, Powerline Reservoir chlorine HI/LOW ALARM</li> <li>• Feb 7, Powerline Reservoir chlorine HI/LOW ALARM</li> <li>• Feb 19, Jenetta pre-chlorine HI/LOW ALARM</li> </ul>
March	1	<ul style="list-style-type: none"> <li>• Mar 19, Powerline Reservoir chlorine LO/LOW ALARM</li> </ul>
April	6	<ul style="list-style-type: none"> <li>• Apr 3, Jenetta &amp; Tower 1 – Power Outage</li> <li>• Apr 6, Powerline – High Lift Pump 3 Fail Alarm</li> <li>• Apr 12, Powerline – Reservoir Low Chlorine Alarm</li> <li>• Apr 13, Powerline – Reservoir Low Chlorine Alarm</li> <li>• Apr 13, Powerline – Power Outage</li> <li>• Apr 14, Powerline – Reservoir Low Chlorine Alarm</li> </ul>
May	1	<ul style="list-style-type: none"> <li>• May 8, Powerline – Reservoir Low Chlorine Alarm</li> </ul>
June	2	<ul style="list-style-type: none"> <li>• June 8, Powerline – Well Pump 4 Fail</li> <li>• June 11, Jenetta - Low Pre Chlorine Alarm</li> </ul>
July	8	<ul style="list-style-type: none"> <li>• Jul 9, Powerline – Well 3 Fault Alarm</li> <li>• Jul 14, Powerline – Resident noise complaint, generators running, power outage, fuse at utility pole</li> <li>• Jul 14, Powerline – Low Fuel</li> <li>• Jul 19, Powerline – Well 3 Fail &amp; Hi/Low chlorine Alarm</li> <li>• Jul 20 X 2, Powerline – Well 3 Fail Alarm</li> <li>• Jul 23 X 2, Powerline – Well 3 Fail Alarm</li> </ul>
August	1	<ul style="list-style-type: none"> <li>• Aug 9, Tower 2 – Communication Alarm</li> </ul>
September		

2024	# of Call-Ins	Details of Call-Ins
October		
November		
December		

### 2.3 Community Complaints/Inquires

2024	# of Comm. Complaints	Details of Community Complaints/Inquires
January	0	• N/A
February	1	• Feb 12, water quality/hardness in inquiry
March	0	• N/A
April	1	• PFA testing inquiry
May	1	• Water treatment inquiry
June	0	• N/A
July	1	• July 3, water hardness inquiry
August	1	• August 19, asking for water quality sample results
September		
October		
November		
December		

## 3. Health & Safety

### 3.1 Health & Safety Incidents

From **January 1, 2024** to **August 31, 2024**:

- Number of Health & Safety Incidents Reported = 0

2024	Health & Safety Incidents	
	# Reported	Details
January	0	N/A
February	0	N/A
March	0	N/A
April	0	N/A
May	0	N/A
June	0	N/A
July	0	N/A
August	0	N/A
September		
October		
November		
December		

## **3.2 Health & Safety Training**

Refer to Section 3.2 in the Wasaga Beach WPCP Monthly Performance Report for safety topics/training provided to staff during this reporting period.