



# **WASAGA BEACH WATER POLLUTION CONTROL PLANT**

## **PERFORMANCE REPORT**

**For the period of  
JANUARY 1, 2025 to APRIL 30, 2025**

Prepared by the Ontario Clean Water Agency



## **Table of Contents**

<b>1. Process Performance &amp; Regulatory Compliance.....</b>	<b>3</b>
1.1 Summary of Compliance Limit and Objective Exceedances & Non-Compliances.....	3
1.1.1 Description of ECA Limit and Objective Exceedances .....	3
1.1.2 Description of Single Sample Exceedances .....	3
1.1.3 Description of Non-Compliances .....	4
1.2 Summary of Process Performance .....	5
1.2.1 Raw Flow – Current Year .....	5
1.2.2 Raw Flow – Comparison with Previous Years.....	6
1.2.3 Weather Conditions.....	6
1.2.4 Effluent Quality.....	7
1.3 Sludge Haulage .....	8
1.3.1 Volume of Biosolids .....	8
1.4 Reportable Events: Spills & By-Pass/Overflow Events .....	9
1.5 Report Submissions .....	13
1.5.1 Annual Performance Report.....	14
1.5.2 Discharge Data Report (MECP) .....	15
1.5.3 Monitoring Reports (WSER).....	15
1.6 Third-Party Inspections & Results .....	15
<b>2. Operations &amp; Maintenance .....</b>	<b>15</b>
2.1 Major Maintenance, Repair & Capital.....	15
2.2 Call-Ins .....	16
2.3 Community Complaints/Inquires .....	17
<b>3. Health &amp; Safety .....</b>	<b>17</b>
3.1 Health & Safety Incidents .....	17
3.2 Health & Safety Training.....	18

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

# 1. Process Performance & Regulatory Compliance

## 1.1 Summary of Compliance Limit and Objective Exceedances & Non-Compliances

From **January 1, 2025** to **April 30, 2025**:

- Number of Regulatory Limit Exceedances = **1**
- Number of Regulatory Objective Exceedances = **1**
- Number of Non-Compliances = **1**

The Wasaga Beach WPCP performed within the regulatory limits set out in:

- Environmental Compliance Approval (ECA) #0766-CM9RQA
- The Federal Wastewater Systems Effluent Regulation (WSER)

2025	ECA Limit Exceedance	ECA Objective Exceedance	Non-Compliances
January	1	1	1
February	0	0	0
March	0	0	0
April	0	0	0
May			
June			
July			
August			
September			
October			
November			
December			

### 1.1.1 Description of ECA Limit and Objective Exceedances

The following is a summary of any environmental compliance approval limit and objective exceedances, their respective cause; as well as the measures that were taken to correct the issue:

Exceedance(s)	Cause	Corrective Actions
For January 2025, the total phosphorus (TP) monthly average was 0.21 mg/L, which was higher than the ECA limit (0.20 mg/L) and Objective (0.15 mg/L)	Treatment process upsets, the January 8 bypass incident and filter issues all resulted in the exceedance	Corrective actions include: improving upstream treatment processes, filter repairs and preventive maintenance

### 1.1.2 Description of Single Sample Exceedances

The following is a summary of any single sample environmental compliance approval limit and/or objective exceedances, their respective cause, as well as the measures that were taken to correct the issue. Note that single sample exceedances are occurrences where an individual sample may have contained a result above the ECA limit/objective but does not result in an exceedance of the monthly/annual average ECA limit or objective exceedance as defined by the facility ECA.

Exceedance(s)	Cause	Corrective Actions
Jan 7 – Total Phosphorus (TP) was 0.28 mg/L > 0.15 mg/L (objective limit)	Filter Issues	Repaired filter
Jan 21 – TP 0.17 mg/L > 0.15 mg/L (objective limit)	Filter Issues	Repaired filter
Jan 28 – Total Suspended Solids (TSS) was 11 mg/L > 5 mg/L (objective limit) Jan 28 – TP was 0.25 mg/L > 0.15 mg/L (objective limit)	Filter issues and high solids inventory	Repaired filter and increased wasting

### 1.1.3 Description of Non-Compliances

The following is a summary of the requirements of the wastewater systems effluent regulation, the environmental compliance approvals, and any orders applicable to the system that were not met at any time during the time period covered by this report; as well as the duration of the failure and the measures that were taken to correct the failure:

Non-Compliance(s)	Duration	Required Actions & Corrective Actions
<b>Incident Description</b> <ul style="list-style-type: none"> <li>Wasaga Beach WPCP exceeded the monthly final effluent concentration for Total Phosphorus for the month of January, 2025. The monthly average TP concentration was 0.24 mg/L and the ECA limit is 0.20 mg/L, overage of 0.04 mg/L</li> <li>External Total Phosphorus laboratory results from weekly sampling on January 7, January 14, January 21 and January 28 were 0.28, 0.14, 0.17 and 0.25 mg/L respectively.</li> <li>Causes: On January, 2025 the disk filters were not keeping up with plant flows due to excess solids inventory within the secondary treatment process leading to high TSS concentration (30-40 mg/L) in the secondary effluent above the recommended operating conditions for the disk filters (under 20 mg/L), bypass incident 1-FREB8T occurred, which produced a sample result of 0.35 mg/L for TP, elevating the monthly average.</li> </ul>	N/A	<b>Corrective Actions</b> <ul style="list-style-type: none"> <li>More frequent analysis of secondary effluent TSS was done.</li> <li>Increased wasting to reduce solids inventory should result in better settling and lower TSS concentrations in the secondary effluent.</li> <li>Operations staff continued to monitor and adjust the plant processes to improve the secondary effluent</li> <li>Operations staff continued to trouble shoot disk filter issues in order to keep sand filters off line.</li> <li>Secondary effluent is improving, and in-house and lab (SGS) final effluent TP is trending down</li> <li>All other ECA parameters are within compliance limits</li> </ul>

## 1.2 Summary of Process Performance

### 1.2.1 Raw Flow – Current Year

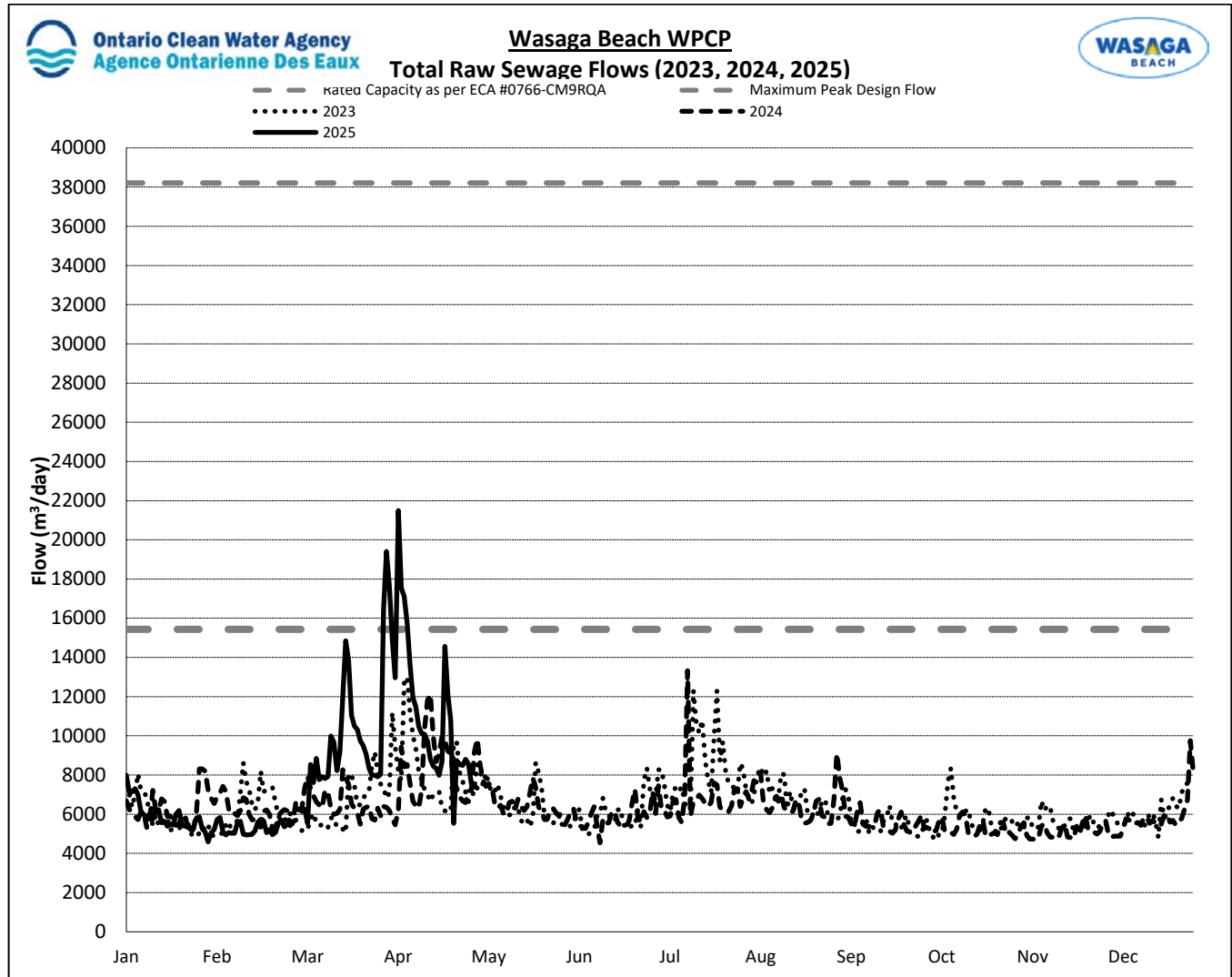
For 2025 to date the Wasaga Beach WPCP has operated within the Peak Design Flow of the wastewater treatment plant. For March and April 2025, the WPCP operated outside of the rated capacity, this is not a reportable non-compliance.

2025	Maximum Daily Raw Sewage Flow (m <sup>3</sup> /d)	% of Rated Capacity	Within Rated Capacity (15,433 m <sup>3</sup> /d)	% of Peak Design Flow Rate	Within Peak Design Flow Rate (38,210 m <sup>3</sup> /d)
January	7,961	51.58%	Yes	20.83%	Yes
February	5,833	37.80%	Yes	15.27%	Yes
March	19,409	125.76%	No	50.80%	Yes
April	21,493	139.26%	No	56.24%	Yes
May					
June					
July					
August					
September					
October					
November					
December					

The following is a graphic representation of 2025 raw sewage flow compared to Rated Capacity and Maximum Peak Design Flow Rate:

### 1.2.2 Raw Flow – Comparison with Previous Years

The following is a graphic representation of the raw sewage flow over the last three years (2023-2025):



The total raw sewage flows for January 2025 was 306,006 m<sup>3</sup> for the Wasaga Beach WPCP which was lower than April 2025 327,967 m<sup>3</sup>, but higher than April 2024, 246,651 m<sup>3</sup>.

### 1.2.3 Weather Conditions

- January 2025 had 25.0 mm of precipitation (compared to 68.9 mm in January 2024), and an average temperature of -8.7°C (compared with -4.2°C in January 2024) with a minimum of -26.2°C (compared with -19.4°C in January 2024) and a maximum of 1.3°C (compared with 5.9°C in January 2024).
- February 2025 had 69.9 mm of precipitation (compared to 38.2 mm in February 2024), and an average temperature of -4.3°C (compared with -2.9°C in February 2024) with a minimum of -24.3°C (compared with -18.9°C in February 2024) and a maximum of 6.2°C (compared with 13.7°C in February 2024).

- March 2025 had 43.2 mm^ of precipitation (compared to 81.2 mm in March 2024), and an average temperature of 0.0°C^ (compared with -2.1°C in March 2024) with a minimum of -21.5°C^ (compared with -12.5°C in March 2024) and a maximum of 18.5°C^ (compared with 16.0°C in March 2024)
- April 2025 had 77.1 mm^ of precipitation (compared to 195.9 mm in April 2024), and an average temperature of 4.4°C^ (compared to 6.4°C in April 2024) with a minimum of -1.2°C^ (compared with -4.0°C in April 2024) and a maximum of 28.1°C^ (compared to 21.1°C in April 2024)

\*Weather Data from Environment Canada (Historical Weather Database)

^Environment Canada for March 2025 currently has incomplete data

## 1.2.4 Effluent Quality

### 1.2.4.1 Effluent Quality vs. ECA Compliance Limits & Objectives

2025	CBOD <sub>5</sub>				Total Suspended Solids			
	Monthly Average (mg/L)	Annual Average (mg/L)	Within Limits (10 mg/L)	Within Objectives (5.0 mg/L)	Monthly Average (mg/L)	Annual Average (mg/L)	Within Limits (10 mg/L)	Within Objectives (5.0 mg/L)
January	4.67	3.67	Yes	Yes	14.00	5.33	Yes	No
February	3.75				6.50			
March	7.00				7.00			
April	<2.00				3.00			
May								
June								
July								
August								
September								
October								
November								
December								

2025	Total Phosphorous			E.Coli <sup>+</sup>		
	Monthly Average including bypasses (mg/L)	Within Limits (0.20 mg/L)	Within Objectives (0.15 mg/L)	Monthly Geometric Mean Density (orgs/100 mL)	Within Limits (200 orgs/100 mL)	Within Objectives (150 orgs/100 mL)
January	0.24	No	No	4.75	Yes	Yes
February	0.15	Yes	Yes	0.50	Yes	Yes
March	0.13	Yes	Yes	11.00	Yes	Yes
April	0.08	Yes	Yes	3.15	Yes	Yes
May						
June						
July						
August						
September						
October						

2025	Total Phosphorous			E.Coli+		
	Monthly Average including bypasses (mg/L)	Within Limits (0.20 mg/L)	Within Objectives (0.15 mg/L)	Monthly Geometric Mean Density (orgs/100 mL)	Within Limits (200 orgs/100 mL)	Within Objectives (150 orgs/100 mL)
November						
December						

+ Based on a monthly geometric mean density of E.Coli lab results from weekly sampling.

2025	Ammonia (Dec 1 – Apr 30)			Ammonia (May 1 – Nov 30)		
	Maximum Daily (mg/L)	Within Limits (5.0 mg/L)	Within Objectives (4.0 mg/L)	Maximum Daily (mg/L)	Within Limits (1.1 mg/L)	Within Objectives (1.0 mg/L)
January	0.30	Yes	Yes	-	-	-
February	0.50	Yes	Yes	-	-	-
March	0.10	Yes	Yes	-	-	-
April	0.10	Yes	Yes	-	-	-
May	-	-	-			
June	-	-	-			
July	-	-	-			
August	-	-	-			
September	-	-	-			
October	-	-	-			
November	-	-	-			
December				-	-	-

### 1.3 Sludge Haulage

The hauling and spreading of sludge from the Wasaga Beach WPCP occurs as required (storage capacity). Sludge haulage and agricultural land application is contracted to Region of Huronia Environmental Services.

As required by the Nutrient Management Act, chemical analyses of the sludge storage tanks contents are to be completed and the results sent to the contractor prior to haulage and spreading. Samples are taken on a monthly basis and sent for chemical analysis.

Agriculture, Food and Rural Affairs (OMAFRA) approved Non-Agricultural Source Material Plans (NASM Plans) and Certificates of Approval based on Ontario Regulation 338/09 made under the Nutrient Management Act, 2002. NASM Plans under the Nutrient Management Act are issued to the owner (farmer) who is responsible for managing the plan with assistance from the NASM Plan Developer.

#### 1.3.1 Volume of Biosolids

From **January 1, 2025 to April 30, 2025:**

- Total Sludge Haulage (2025) to date = 7,031.2 m<sup>3</sup>

2025	Monthly Sludge Haulage Volume (m <sup>3</sup> )	NASM Disposal Site
January	0	N/A



2025	Monthly Sludge Haulage Volume (m <sup>3</sup> )	NASM Disposal Site
February	0	N/A
March	1514.00	N/A
April	5517.20	N/A
May		
June		
July		
August		
September		
October		
November		
December		

#### 1.4 Reportable Events: Spills & By-Pass/Overflow Events

From **January 1, 2025** to **April 30, 2025**:

- Number of Reportable Events to date= 6

2025	Date (yyyy/mm/dd)	Event	Details
January	2025/01/08	Partial Bypass Filter 2	<p>SAC Reference Number: 1-FREB8T  Bypass Time: 1323 to 1324 hrs  Duration: 1 minute  Bypass Contents: Partially Treated, UV Disinfected Secondary Effluent  Approximate Volume: 0.5 m<sup>3</sup></p> <p><u>Incident Description</u>  During maintenance/trouble shooting, disk filter 2 was unable to keep up with the flow passing through the facility. All effluent passed through UV disinfection.</p> <p><u>Corrective Actions</u>  In response to this event, the sand filter inlets were opened partially.</p> <p><u>Reporting</u>  Verbal notification provided to SAC, MoH, MECP provided on January 8, 2025. No further actions advised. Written notification to the same provided on January 9, 2025.</p>
February	2025/02/18	Partial Bypass Filter 2	<p>SAC Reference Number: 1-HJO42N  Bypass Location: Disk Filter #2  Bypass Time: 0603 to 0716 hrs and 1120 to 1130 hrs  Duration: 1 hour, 13 minutes and 10 minutes;  Total time between the two events 1 hour and 23 minutes  Bypass Contents: Partially Treated, UV Disinfected Secondary Effluent</p>

2025	Date (yyyy/mm/dd)	Event	Details
			<p>Approximate Volume: approximately <math>25 + 6.3 = 31.3 \text{ m}^3</math></p> <p><u>Incident Description:</u>  On February 18, OCWA staff received a Disc Filter 2 Backwash pump low pressure alarm. Staff responded by shutting down Backwash Pump 2. Filter 2 became fouled and started to overflow into the UV disinfection channel.</p> <p><u>Corrective Actions:</u>  - Sand filters were put online to keep up with incoming flow.  - Grab samples were taken as per ECA.  - In response to Low Pressure Alarms, Disc Filter 2 was shutdown for maintenance.  - Leaking backwash heads were replaced.</p> <p><u>Reporting:</u>  Verbal notification provided to SAC, MoH, MECP provided on February 18, 2025. No further actions advised. Written notification was given to the same on February 26, 2025.</p>
February	2025/02/19	Partial Bypass Filter 1	<p>SAC Incident Number: 1-HLXQX2  Duration: 4 minutes  Bypass Contents: Partially Treated, UV Disinfected Secondary Effluent  Approximate Volume: <math>5.5 \text{ m}^3</math></p> <p><u>Incident Description:</u>  On Wednesday February 19, 2025, operations staff were onsite to immediately respond to a partial bypass of Disk Filter 1. Due to ineffective backwashing of the filters causing reduced pressure, the filters are not cleaning adequately. Disk Filter 2 was still operating during this time.</p> <p><u>Corrective Actions:</u>  - Influent flows through Disk Filter 1 were reduced.  - Influent flows through Disk Filter 2 were increased.  - An additional filter, Sand Filter 3 was brought online to mitigate flows.  - Samples were collected as per ECA requirements.</p> <p><u>Reporting:</u> Verbal notification provided to SAC, MoH, MECP provided on February 19, 2025. No further actions advised. Written notification was given to the same on February 24, 2025.</p>
March	2025/03/29	Partial Bypass Effluent Filters	<p>SAC Incident Number: 1-MZ9SW7  Bypass Location: Final Effluent Filters</p>

2025	Date (yyyy/mm/dd)	Event	Details
			<p>Bypass Time: 10:40 to 10:50 (10 minutes)  Bypass Contents: Disinfected, Partially Bypassed Tertiary Effluent  Volume: 1 m<sup>3</sup>  <u>Incident Description</u>  On Saturday, March 29, 2025, operations staff responded to a High Filter Inlet Channel Alarm. An ice storm/rain fall event was causing high flows into the plant (16,418 m<sup>3</sup>/day). The high inflow caused Clarifier 1 to flow over the scum ring. The flow over the scum ring caused high solids concentration to enter the filters. The high concentration of solids was outside the parameters of the filter specifications. As a result, the disk filter filterability was unable to keep up with the inflow. The before mentioned conditions caused the filter inlet channel to overflow into the filter outlet box, bypassing the filters.  <u>Corrective Actions</u>  - Opened Sand Filter 4  - Increased Return Activated Sludge (RAS) flow rate  <u>Reporting Communications</u>  Verbal notification provided to SAC, MoH, MECF provided on March 29, 2025. Written notification provided on April 3, 2025. No further actions advised.</p>
March	2025/03/30	Partial Bypass Effluent Filters	<p>SAC Incident Number: 1-MZDBZG  Bypass Location: Bypassed Final Effluent Filters  Bypass Date &amp; Time: March 30, 2025 04:20 to 04:25 (10 minutes)  Bypass Contents: UV Disinfected, Partially Bypassed Tertiary Effluent  Volume: 2 m<sup>3</sup>  <u>Incident Description</u>  On Sunday, March 30, 2025, operations staff responded to a High Filter Inlet Channel Alarm. An ice storm/rain fall event caused high flows into the plant (19,409 m<sup>3</sup>/day), and a large power outage. The high inflow caused Clarifier 1 to flow over the scum ring. The flow over the scum ring caused high solids concentration to enter the filters. A combination of the two conditions caused the disk filter filterability to drop below acceptable causing the filter inlet channel to overflow into the filter outlet box, bypassing the filters. In addition, the emergency backup power</p>

2025	Date (yyyy/mm/dd)	Event	Details
			<p>generator failed to start, no power caused the disk filters to stop backwashing, resulting in extremely low flow through the disc filters.</p> <p><u>Corrective Actions</u></p> <ul style="list-style-type: none"> <li>- Opened Sand Filter 4</li> <li>- Increased Return Activated Sludge (RAS) flow rate</li> </ul> <p><u>Reporting Communications</u></p> <p>Verbal notification provided to SAC, MoH, MECP on March 29, 2025. Written notification provided on April 3, 2025. No further actions advised.</p>
April	2025/04/03	Collection System Overflow- SPS 9	<p>SAC Incident Number: 1-N74T59  Date &amp; Time of Start: April 3, 2025 at 0210 hrs  Date &amp; Time of End: April 3, 2025 at 0225 hrs  Duration: 15 minutes  Volume: 30 m<sup>3</sup>  Discharge Location: Nottawasaga River, under Schoonertown Bridge</p> <p><u>Incident Description</u></p> <p>Thursday, April 3, 2025, On call OCWA Operator arrived on site paged for Pump Station 9 High Level Alarm. Operator arrived on site and observed all four (4) pumps faulted out on VFDs with over temperature alarms. No visual observation of overflow; however milltronics readings indicated that an overflow occurred</p> <p><u>Corrective Actions</u></p> <p>Operator reset all VFDs, wet well levels dropped  Turned off duty 4 pump to reduce flow towards the plant to prevent a slug from bypassing  Pumps were reset after another fault, and jackets flushed. Pumps were continuously rotated to allow Duty Pump 4 to cool down.  Visual observations – no apparent flow from wet well into bypass. Samples collected as required.</p> <p><u>Reporting Communications</u></p> <p>Verbal notification provided to SAC, MECP and MoH on April 3, 2025. Written notification provided April 4, 2025.</p>
April	2025/04/03	Spill	<p>SAC Incident Number: 1-N7HNV8  Spill Contents: Raw Sewage  Spill Location: Parking Lot/Grass on site at Wasaga Beach WPCP  Date &amp; Time of Start: April 3, 2025 at 0540 hrs  Date &amp; Time of End: April 3, 2025 at 0600 hrs  Duration: 20 minutes  Approximate Volume: 40 m<sup>3</sup></p>

2025	Date (yyyy/mm/dd)	Event	Details
			<u>Incident Description</u> Inclement weather and high flows caused increased flows towards the inlet works of the WPCP. All pumps faulted out, alarm received and responded to. Upon arrival operations staff observed that the incoming flow exceeded the capacity to divert flow to the raw EQ tank and flooded the grit bin bay. Raw sewage escaped under the bay and entry doors into the parking lot and surrounding grass area, but remained on site. <u>Corrective Actions</u> Operator reset pumps, pumps restored operations, and wet well level dropped within a couple of minutes. Visual observations – spill observed on site, Continued to monitor flows Samples were collected as required by the ECA Spill contents hosed down, and large debris removed <u>Reporting Communications</u> Verbal notification provided to SAC, MECP, and MoH on April 3, 2025. Written notification provided April 4, 2025.
May			
June			
July			
August			
September			
October			
November			
December			

## 1.5 Report Submissions

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

Report	Submission Frequency	Submitted To	Last Submission Date	Next Report Due
Annual Performance Report	Annual (March 31 <sup>st</sup> )	MECP – District Manager	March 31, 2025 (2024 Report)	March 31, 2026 (2025 Report)
Discharge Data Reports	45 days after the Quarter	MECP	February 14, 2024 (2024 Q4 Report)	May 15, 2025 (2025 Q1 Report)
Monitoring Reports – Wastewater Systems Effluent	45 days after the Quarter	Environment Canada – Effluent Regulatory Reporting	February 14, 2024 (2024 Q4 Report)	May 15, 2025 (2025 Q1 Report)

Report	Submission Frequency	Submitted To	Last Submission Date	Next Report Due
Regulation (WSER)		Information System (ERRIS)		

### 1.5.1 Annual Performance Report

An Annual Performance Report is submitted as required by the ECA for the Wasaga Beach WPCP within 90 days following the end of the period being reported upon. The most recent Annual Performance Report was submitted as per ECA #0766-CM9RQA. The following items are required to be included in the report:

- (a) a summary and interpretation of all Influent, and Imported Sewage monitoring data, and a review of the historical trend of the sewage characteristics and flow rates;
- (b) a summary and interpretation of all Final Effluent monitoring data, including concentration, flow rates, loading and a comparison to the design objectives and compliance limits in this Approval, including an overview of the success and adequacy of the Works;
- (c) a summary of all operating issues encountered and corrective actions taken;
- (d) a summary of all normal and emergency repairs and maintenance activities carried out on any major structure, equipment, apparatus or mechanism forming part of the Works;
- (e) a summary of any effluent quality assurance or control measures undertaken;
- (f) a summary of the calibration and maintenance carried out on all Influent, Imported Sewage and Final Effluent monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
- (g) a summary of efforts made to achieve the design objectives in this Approval, including an assessment of the issues and recommendations for pro-active actions if any are required under the following situations:
  - i. when any of the design objectives is not achieved more than 50% of the time in a year, or there is an increasing trend in deterioration of Final Effluent quality;
  - ii. when the Annual Average Daily Influent Flow reaches 80% of the Rated Capacity;
- (h) a tabulation of the volume of sludge generated, an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed;
- (i) a summary of any complaints received and any steps taken to address the complaints;
- (j) a summary of all Bypasses, Overflows, other situations outside Normal Operating Conditions and spills within the meaning of Part X of EPA and abnormal discharge events;
- (k) a summary of all Notice of Modifications to Sewage Works completed under Paragraph 1.d. of Condition 10, including a report on status of implementation of all modification.
- (l) a summary of efforts made to achieve conformance with Procedure F-5-1 including but not limited to projects undertaken and completed in the sanitary sewer system that result in overall Bypass/Overflow elimination including expenditures and proposed projects to eliminate Bypass/Overflows with estimated budget forecast for the year following that for which the report is submitted;
- (m) any changes or updates to the schedule for the completion of construction and commissioning operation of major process(es) / equipment groups in the Proposed Works;
- (n) a summary of any deviation from the monitoring schedule and reasons for the current reporting year and a schedule for the next reporting year;

## 1.5.2 Discharge Data Report (MECP)

The Ontario Clean Water Agency (OCWA) has an agreement with the Ministry of Environment, Conservation and Parks (MECP) to submit quarterly discharge data for all OCWA operated municipal sewage treatment facilities 45 days at the end of each quarter. Monitoring data is submitted via the Ministry of Environment Wastewater System (MEWS). The MECP stores these reports in a shared location where MECP Inspectors can obtain and review them. There are no limits/objectives for the quarterly Discharge Data Report.

## 1.5.3 Monitoring Reports (WSER)

A monitoring report required under the Wastewater Systems Effluent Regulation (WSER) is submitted on a quarterly basis to Environment Canada via the Effluent Regulatory Reporting Information System (ERRIS). The quarterly monitoring report requires that the following information be reported for the Wasaga Beach WPCP:

- Number of days effluent was deposited
- Total volume of effluent deposited
- Average CBOD (limit of 25 mg/L)
- Average concentration of suspended solids (limit of 25 mg/L)
- Acute Toxicity (limit of 50% mortality rate)

## 1.6 Third-Party Inspections & Results

There have been no third party inspections performed during the reporting period. The last MECP Inspection was performed on **January 10, 2019**.

# 2. Operations & Maintenance

## 2.1 Major Maintenance, Repair & Capital

2025	Maintenance, Repair & Capital Summary
January	<ul style="list-style-type: none"> <li>• Monthly Facility Inspections- Clarifier, H&amp;S, Panels, Genset, Valve Gate, UV, Compressor, MCC, O&amp;M Inspections (PM)</li> <li>• Inlet Building Emergency HVAC Repairs (CORR)</li> </ul>
February	<ul style="list-style-type: none"> <li>• Monthly Facility Inspections- Clarifier, H&amp;S, Panels, Genset, Valve Gate, UV, Compressor, MCC, O&amp;M Inspections (PM)</li> </ul>
March	<ul style="list-style-type: none"> <li>• Monthly Facility Inspections- Clarifier, H&amp;S, Panels, Genset, Valve Gate, UV, Compressor, MCC, O&amp;M Inspections (PM)</li> </ul>
April	<ul style="list-style-type: none"> <li>• Monthly Facility Inspections- Clarifier, H&amp;S, Panels, Genset, Valve Gate, UV, Compressor, MCC, O&amp;M Inspections (PM)</li> <li>• Sunnidale Generator Transfer Switch Repair (CORR)</li> <li>• Biosolids Complex Upgrades In Progress (CAP)</li> </ul>
May	
June	
July	
August	
September	
October	

2025	Maintenance, Repair & Capital Summary
November	
December	

Where, PM is Preventive Maintenance, CAP is Capital, CORR is Corrective

## 2.2 Call-Ins

2025	# of Call-Ins	Details of Call-Ins
January	10	<ul style="list-style-type: none"> <li>January 1, WPCP - Disk Filter Influent Box High Level Alarm</li> <li>January 4, WPCP - Disk Filter Influent Box High Level Alarm</li> <li>January 7, WPCP -Disk Filter Influent Box High Level Alarm</li> <li>January 9, WPCP - Disk Filter Influent Box High Level Alarm</li> <li>January 13, Pump Station 3 – Wetwell High Level Alarm</li> <li>January 19, WPCP - Disk Filter Influent Box High Level Alarm</li> <li>January 22, WPCP – RAS2 Clarifier Torque Alarm</li> <li>January 23, WPCP - High Filter Inlet Alarm</li> <li>January 25, WPCP – High Filter Inlet Channel Alarm</li> <li>January 26, Pump Station 20 – Late to Test Alarm</li> </ul>
February	8	<ul style="list-style-type: none"> <li>February 8, Pump Station 19 – Late to test Alarm</li> <li>February 11, WPCP – Inlet Sump High Level Alarm</li> <li>February 17, Pump Station 6 – General Alarm</li> <li>February 18, Disk Filter Influent Box High Level Alarm</li> <li>February 19, Pump Station 6 High Level Alarm</li> <li>February 19, WPCP – Clarifier Torque Alarm</li> <li>February 20, Pump Station 6 – High Level Alarm</li> <li>February 22, WPCP – Filter Inlet High Level Alarm</li> </ul>
March	11	<ul style="list-style-type: none"> <li>March 6, WPCP – Disk Filter Influent Box High Level Alarm</li> <li>March 7, WPCP – Disk Filter Influent Box High Level Alarm</li> <li>March 8, WPCP – Disk Filter Influent High Level Alarm</li> <li>March 15, WPCP – Disk Filter Influent High Level Alarm</li> <li>March 15, Pump Station 9 – Temperature Alarm</li> <li>March 16, Pump Station 9 – Temperature Alarm</li> <li>March 16, WPCP – Disk Filter Influent High Level Alarm</li> <li>March 28, WPCP – Disk Filter Influent High Level Alarm</li> <li>March 29, WPCP – Disk Filter Influent High Level Alarm</li> <li>March 30, WPCP – Disk Filter Influent High Level Alarm</li> <li>March 31, WPCP – Disk Filter Influent High Level Alarm</li> </ul>
April		<ul style="list-style-type: none"> <li>April 3, PS09 – High Level Alarm</li> <li>April 3, PS09 – High Level Alarm</li> <li>April 5, PS09 – Wet Well High and Drive Fail Alarm</li> <li>April 5, WPCP – Less than 2 Blowers Running Alarm</li> <li>April 5, WPCP – Disk Filter Inlet High Level Alarm</li> <li>April 6, PS02 – General and High Level Alarm</li> </ul>



2025	# of Call-Ins	Details of Call-Ins
		<ul style="list-style-type: none"> <li>April 9, WPCP – RAS 2 High Level Alarm</li> <li>April 18, WPCP – Disk Filter Influent High Level Alarm</li> <li>April 19, WPCP – Disk Filter Influent High Level Alarm</li> <li>April 19, WPCP – Disk Filter Influent High Level Alarm</li> </ul>
May		
June		
July		
August		
September		
October		
November		
December		

## 2.3 Community Complaints/Inquires

2025	# of Comm. Complaints	Details of Community Complaints/Inquires
January	0	<ul style="list-style-type: none"> <li>N/A</li> </ul>
February	0	<ul style="list-style-type: none"> <li>N/A</li> </ul>
March	0	<ul style="list-style-type: none"> <li>N/A</li> </ul>
April	1	<ul style="list-style-type: none"> <li>April 29, 2025 – Oxbow Park Drive – Odour Complaint</li> </ul>
May		
June		
July		
August		
September		
October		
November		
December		

## 3. Health & Safety

### 3.1 Health & Safety Incidents

From **January 1, 2025** to **April 30, 2025**:

- Number of Health & Safety Incidents Reported = 0

2025	Health & Safety Incidents	
	# Reported	Details
January	0	N/A
February	0	N/A
March	0	N/A
April	0	N/A

2025	Health & Safety Incidents	
	# Reported	Details
May		
June		
July		
August		
September		
October		
November		
December		

### 3.2 Health & Safety Training

The following safety training and safety topics were provided to staff:

2025	H&S Topics
January	<ul style="list-style-type: none"> <li>Monthly Safety Topic: Eye Protection</li> <li>Health, Safety &amp; Wellness First: Making STOP Part of Your 2025 Safety Commitment</li> <li>Health, Safety &amp; Wellness First: Eye Protection</li> <li>Weekly Health &amp; Safety Topic: Back Injury Prevention</li> <li>Weekly Health &amp; Safety Topic: Get Up Day</li> </ul>
February	<ul style="list-style-type: none"> <li>Monthly Safety Topic: Respect for Each Other</li> <li>Health, Safety &amp; Wellness First: S.T.O.P. and only proceed when it is safe</li> <li>Health, Safety &amp; Wellness First: Winter Safe Diving</li> <li>Health, Safety &amp; Wellness First: How Cold Weather Impacts Mental Health</li> <li>Health, Safety &amp; Wellness First: Ladder Safety Tips</li> </ul>
March	<ul style="list-style-type: none"> <li>Monthly Safety Topic: Housekeeping</li> <li>Health, Safety &amp; Wellness First: Time Changes</li> <li>Health, Safety &amp; Wellness First: Finding Balance</li> <li>Health, Safety &amp; Wellness First: Don't Walk By</li> </ul>
April	<ul style="list-style-type: none"> <li>Monthly Safety Topic: Support for Our Family</li> <li>Health, Safety &amp; Wellness First: Distracted Driving</li> <li>Health, Safety &amp; Wellness First: Don't Walk By</li> <li>Health, Safety &amp; Wellness First: Health, Safety and Wellness Week 2025</li> <li>Health, Safety &amp; Wellness First: Important Notice</li> </ul>
May	
June	
July	
August	
September	
October	
November	
December	