Ontario Clean Water Agency
Agence Ontarienne Des Eaux

March 26, 2026

Saif Sumbal and Pierre Adrien
Ministry of the Environment, Conservation and Parks
733 Exeter Road
London, ON N6E 1L3

Attention: Mr. Sumbal and Mr. Adrien

RE: Parkhill Lagoon Annual Report 2025

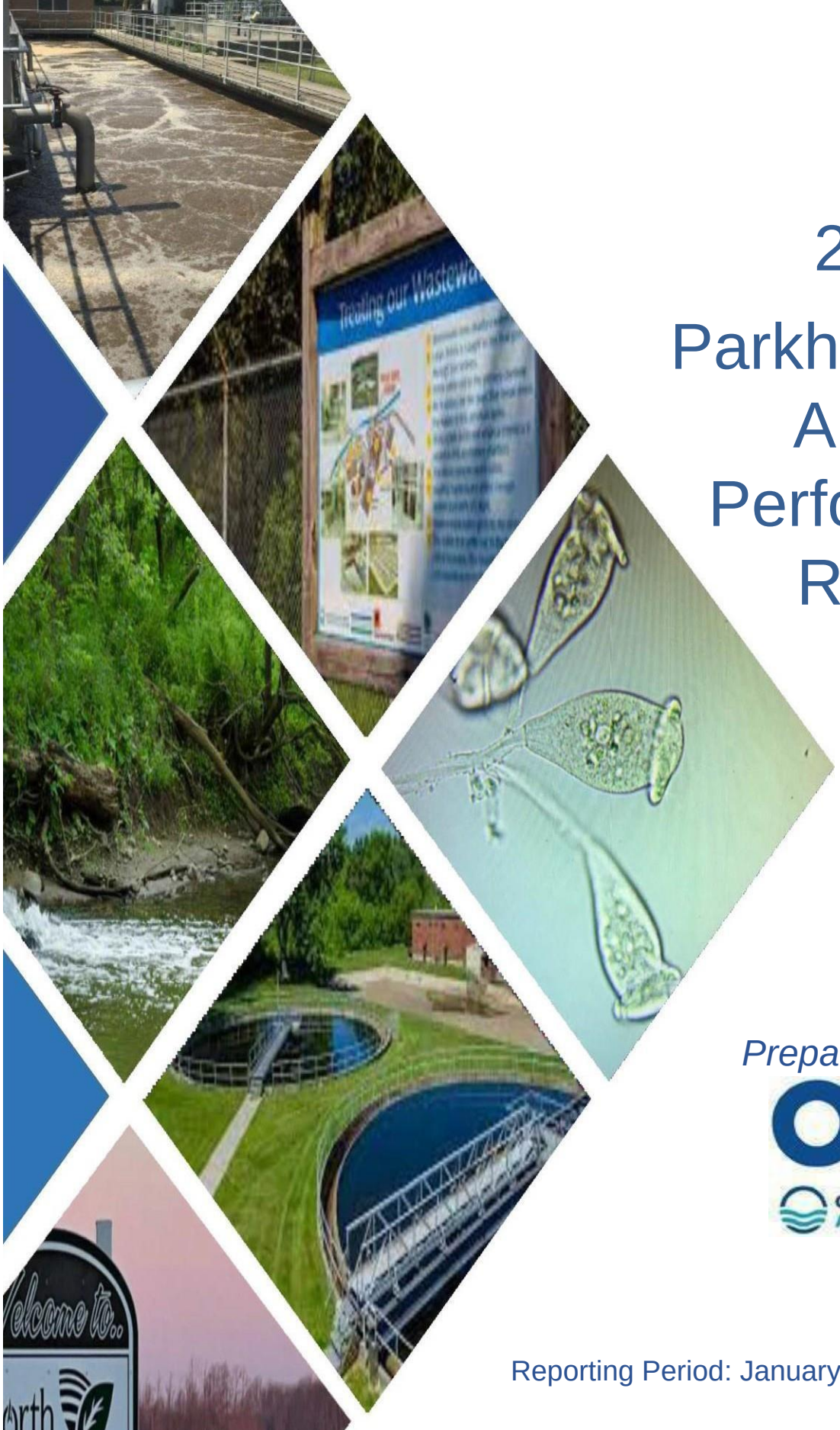
The Ontario Clean Water Agency is the Operating Authority for the Parkhill Lagoon and Wastewater Collection (WWC) System on behalf of the Municipality of North Middlesex. The system is operated under Environmental Compliance Approval #549-CUJJ3V and the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #002-W601. Please find attached the 2025 Annual Report for the Parkhill Lagoon and WWC system.

Feel free to contact me should you require any additional information regarding the report. I can be reached at 519-274-5695.

Sincerely,

Heather Wharram
Process and Compliance Technician
Midwest Region
Ontario Clean Water Agency

c.c. Samuel Shannon, Director of Infrastructure and Operations, Municipality of North Middlesex
Sam Smith, Regional Hub Manager, Ontario Clean Water Agency
Rod Dupuis, Senior Operations Manager, Ontario Clean Water Agency
Maegan Garber, Safety, Process and Compliance Manager, Ontario Clean Water Agency



2025 Parkhill Lagoon Annual Performance Report

Prepared By:

OCWA
ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

Reporting Period: January 1 – December 31, 2025

Re-Issued: April 2, 2026

Contents

Overview

The following report was prepared by Ontario Clean Water Agency on behalf of The Municipality of North Middlesex in accordance with:

- Condition 11(4) (a) through (m) cited in Environmental Compliance Approval #7549-CUJJ3V issued August 21, 2023, to The Corporation of the Municipality of North Middlesex.
- Schedule E (4) cited in Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #002-W601 issued September 26, 2023, to The Corporation of the Municipality of North Middlesex.

System Process Description

The Parkhill Sewage Lagoon is located at 2034 Parkhill Drive, Ontario. The facility has a rated capacity of 1150 m^3/d and is comprised of the following components:

- Wastewater collection (WWC) system and pumpingstations
- Lagoons

Raw Wastewater Collection

Raw sewage flows by gravity through the collection system. Where gravity flow is not possible due to elevation restrictions, there are two pumping stations. Station Street Pumping Station pumps raw sewage through a 4” forcemain to a gravity sewer that feeds into the Victoria Street main sewage pumping station (SPS). The Victoria Street SPS has a 10” forcemain that pumps sewage to the Parkhill Sewage Lagoon. Both stations have two submersible centrifugal pumps (1 duty/1 standby). Pumps at Victoria Street SPS and Station Street SPS have a rated capacity of 44 L/s and 6.3 L/s, respectively. All pumps operate on a start/stop cycle based on wet well levels monitored by floats. Level monitoring via floats also activates high-level alarms. Victoria Street SPS has an emergency back-up generator and an overflow that flows into the Cameron-Gillies Drain.

Sewage Lagoons

Raw sewage flows from the collection system into the inlet chamber at the Parkhill Sewage Lagoon. Currently, flow enters the South Cell and then flows into the North Cell through a cross-over pipe. However, the lagoons can be operated in parallel whereby raw flow enters both cells at the same time.

The Parkhill Sewage Lagoon uses a facultative process where bacteria breaks down organic matter deposited in the lagoons. Prior to discharge, both cells are batch-dosed with a coagulant to provide further treatment. The lagoons discharge seasonally in the spring and fall. Effluent flows from both cells into a joint discharge pipe, entering Parkhill Creek and then the Ausable River.

System Facts:

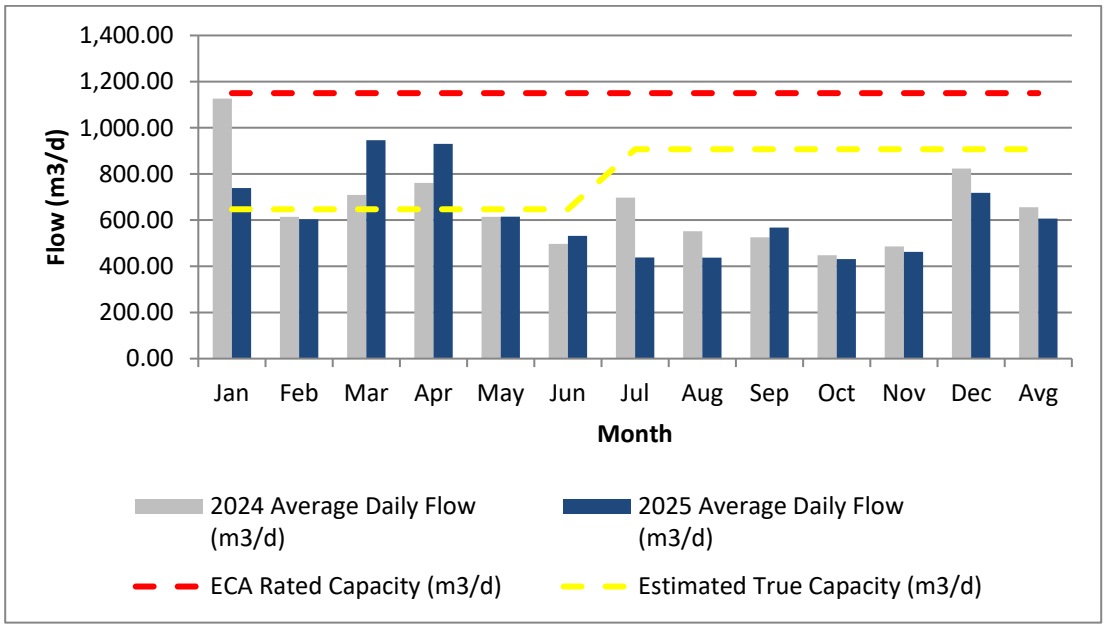
Environmental Compliance Approval (ECA)	#7549-CUJJ3V (issued August 21, 2023)
CLI Environmental Compliance Approval	#002-W601 (issued September 26, 2023)
Rated Capacity	1150m^3/d
Receiving Water	Parkhill Creek/Ausable River

The Parkhill Sewage Lagoon and WWC system were operated in accordance with the provincial regulations as required in ECA #7549-CUJJ3V and CLI-ECA #002-W601.

Influent and Effluent Flow Monitoring

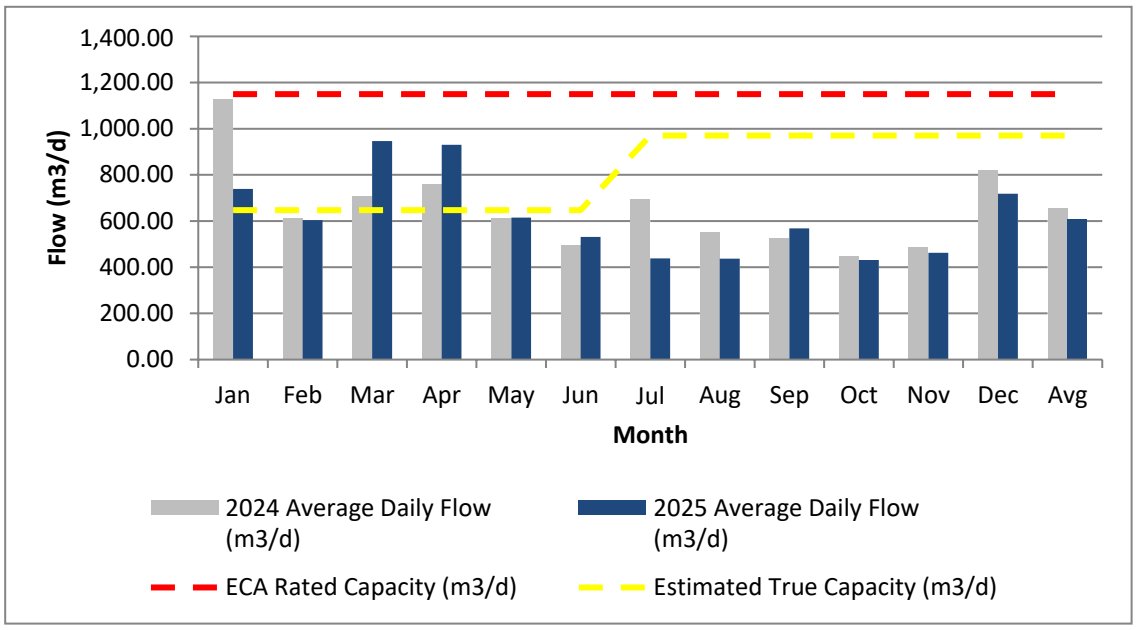
The Parkhill Sewage Lagoon is rated to treat an average flow of 1150 m^3/d. In 2025, the Parkhill Sewage Lagoon operated at 52% of the ECA rated capacity (refer to Figure 1). In 2024, R.V. Anderson and Associates Limited completed a capacity assessment of the lagoons that considered the 2024/2025 biosolids removal and the historic capacity of the Parkhill Lagoon to meet ECA effluent objectives and limits. They estimated a capacity of 907 m^3/d. Using this measure, the Parkhill Lagoon is currently at 67% capacity. A 2023 capacity assessment had previously rated this capacity at 647 m^3/d as reflected in Figure 1 below.

Figure 1: *Influent Flows 2020-2025*



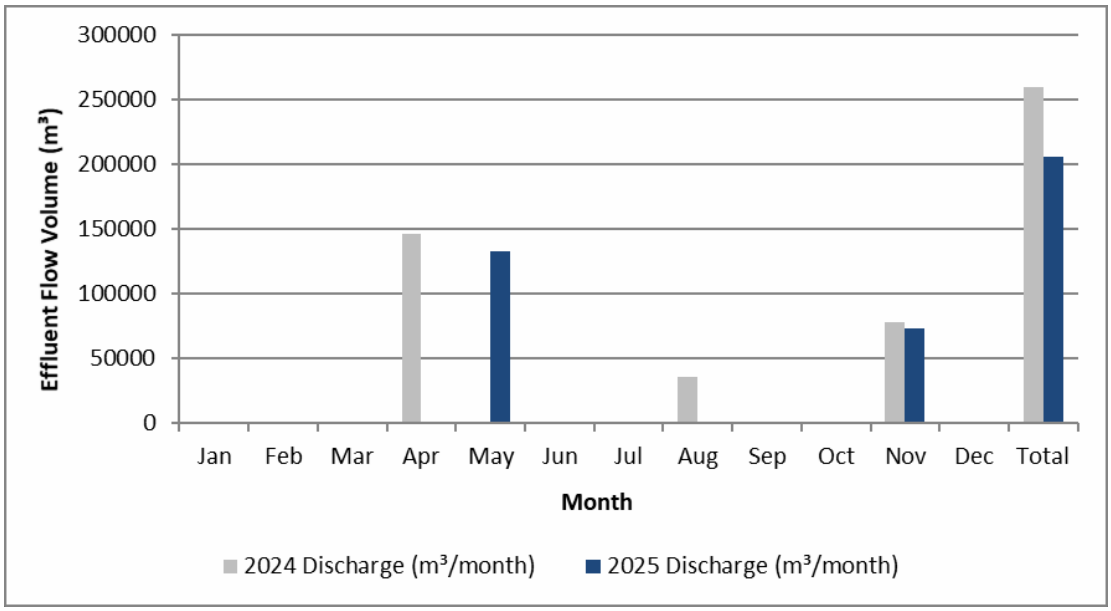
In 2025, the raw sewage average daily flow was 606 m^3/d versus 656 m^3/d in 2024 (refer to Figure 2). This 7% reduction is attributed to the drier conditions during the 2025 reporting year.

Figure 2: *Average Daily Flows by Month*



Typically, the Parkhill Lagoon discharges seasonally—once in the spring and once in the fall. In 2024, an additional discharge occurred in August to facilitate the removal of biosolids in the south lagoon cell. In 2025, seasonal discharges occurred from May 2nd to May 16th and November 5th to November 21st. The total volume discharged was 205,550 m^3, compared to 259,653 m^3 in 2024 (refer to Figure 3). This 20% reduction in discharge volume is partially attributed to a decrease in raw influent flow resulting from drier weather conditions, which reduced wet-weather inflow and infiltration. Evaporative losses during warmer and drier periods may have also contributed to reduced lagoon volumes. In addition, biosolids removal completed in 2024 and 2025 restored available storage capacity and may have improved hydraulic performance by increasing effective retention time and reducing short-circuiting, allowing greater volumes to be retained within the lagoon system.

Figure 3: *Effluent Flow Volume 2024 and 2025*



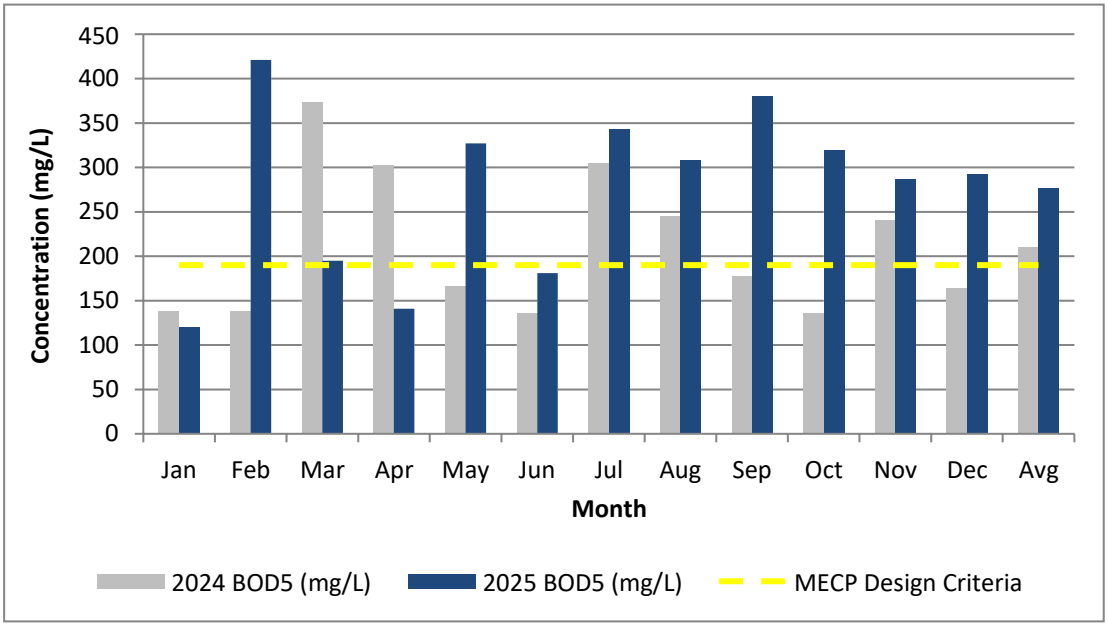
Influent Data

The influent is monitored for Biochemical Oxygen Demand (BOD_5), Total Suspended Solids (TSS), Total Phosphorous (TP) and Total Kjeldahl Nitrogen (TKN) on a monthly basis by way of a grab sample. These parameters are measured against the design criteria of the Parkhill Sewage Lagoon. Values above the design concentrations can result in ineffective treatment of raw sewage and can lead to effluent limit exceedances.

There were multiple exceedances of influent parameters in 2025. However, this did not lead to exceedances of the ECA limits for effluent parameters. See 'Effluent Monitoring' for details.

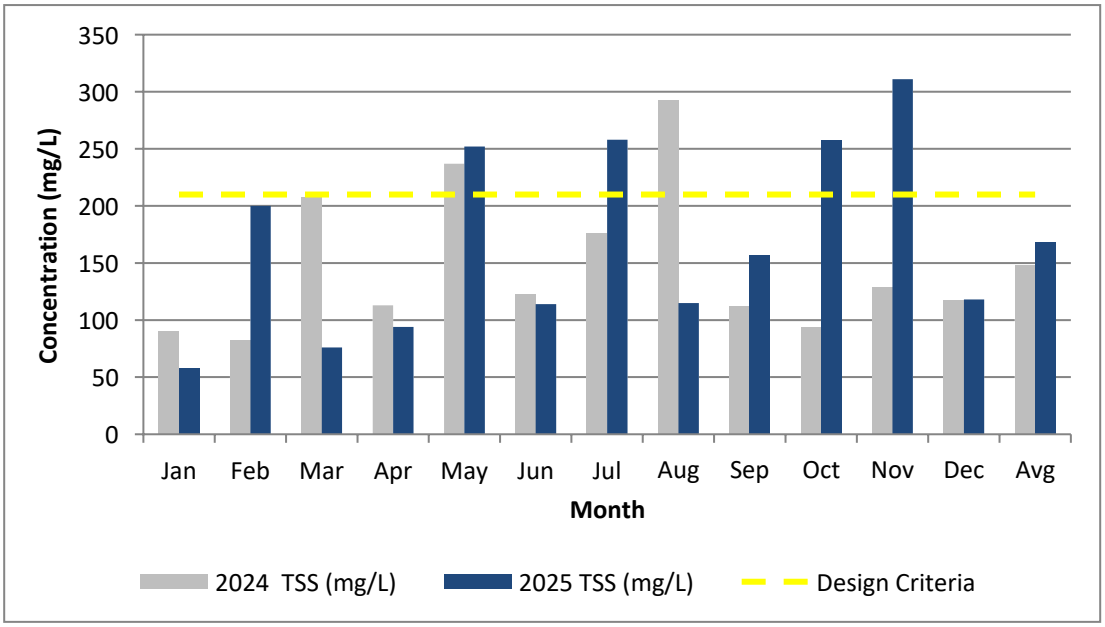
In 2025, the average raw BOD_5 concentration was 276 mg/L, which is a 31% increase from the average concentration in 2024 (refer to Figure 4).

Figure 4: *Raw BOD_5 Concentrations 2024 to 2025, compared to Raw Design Criteria*



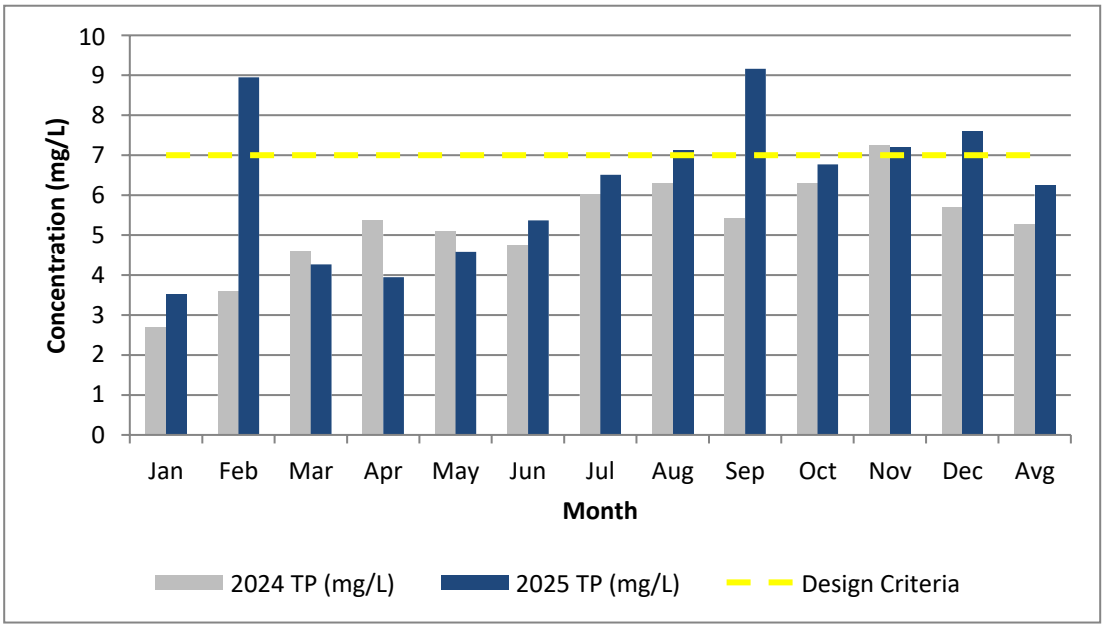
In 2025, the average raw Total Suspended Solids concentration was 168 mg/L, which is a 14% increase from the average concentration in 2024 (refer to Figure 5).

Figure 5: *Raw TSS Concentrations 2024 to 2025, compared to Raw Design Criteria*



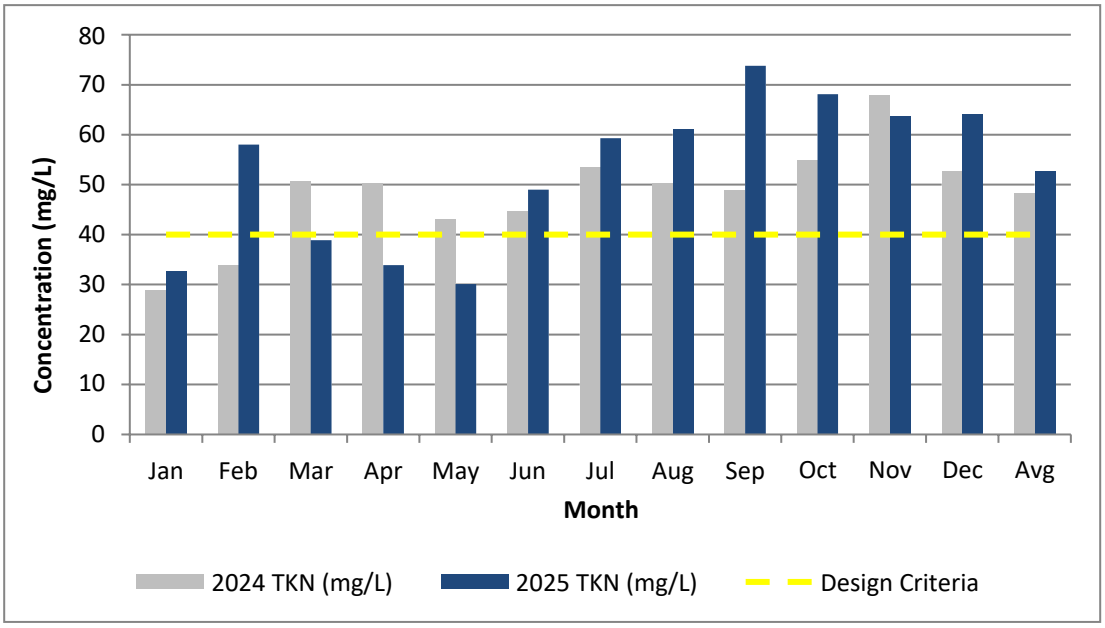
In 2025, the average raw Total Phosphorus concentration was 6.3 mg/L, which is a 19% increase from the average concentration in 2024 (refer to Figure 6).

Figure 6: *Raw TP Concentrations 2024 to 2025, compared to Raw Design Criteria*



In 2025, the average raw Total Kjeldahl Nitrogen concentration was 53 mg/L, which is a 9% increase from the average concentration in 2024 (refer to Figure 7).

Figure 7: *Raw TKN Concentrations 2024 to 2025, compared to Raw Design Criteria*



Effluent Monitoring

Cell Content Sampling

Prior to discharge, the Parkhill Sewage Lagoon ECA requires that lagoon contents are sampled for Carbonaceous Biochemical Oxygen Demand ($cBOD_5$), TSS, TP, TKN, and pH. Three grab samples are taken at the top, middle and bottom of each cell and combined into composite samples. Content samples assist in determining the amount of coagulation treatment to apply to the lagoons prior to discharge to achieve quality effluent.

In 2025, lagoon content samples were collected prior to both the spring and fall discharge periods. For the spring discharge, content samples were taken from both the north and south lagoon cells, as effluent from both cells was discharged. For the fall discharge, content samples were collected only from the south cell, as it was the sole cell discharged. The north cell had been emptied earlier in the year during biosolids removal that was conducted between July and September 2025. Refer to Table 1 for the 2025 lagoon content sample results.

Table 1: *Lagoon Content Sample Results 2025*

	Spring Sample April 7, 2025		**Fall Sample October 14, 2025**
Parameter	**North Cell**	**South Cell**	**South Cell**
$cBOD_5$ (mg/L)	34	21	18
Total Suspended Solids (mg/L)	14	21	54
Total Phosphorus (mg/L)	1.11	0.16	0.3
Total Kjeldahl Nitrogen (mg/L)	18.6	3.2	5.7
E. coli (mpn/100mL)	110	5475	24,200
pH	7.93	9.16	7.78

Effluent Sampling

During seasonal discharge, samples must be obtained twice weekly. A minimum of five effluent samples must be obtained for the duration of discharge—once at the beginning of discharge, once each at approximately 25%, 50% and 75% of lagoon cell drawdown and once at discharge completion. In 2025, five samples were obtained in the spring discharge and eight in the fall.

As per the ECA, effluent is analyzed for $cBOD_5$, TSS, TP, Total Ammonia Nitrogen (TAN), TKN, Nitrite (NO_2), Nitrate (NO_3), E.coli, pH and temperature. The Parkhill Sewage Lagoon ECA specifies objectives for $cBOD_5$, TSS, and TP and limits for $cBOD_5$ and TSS.

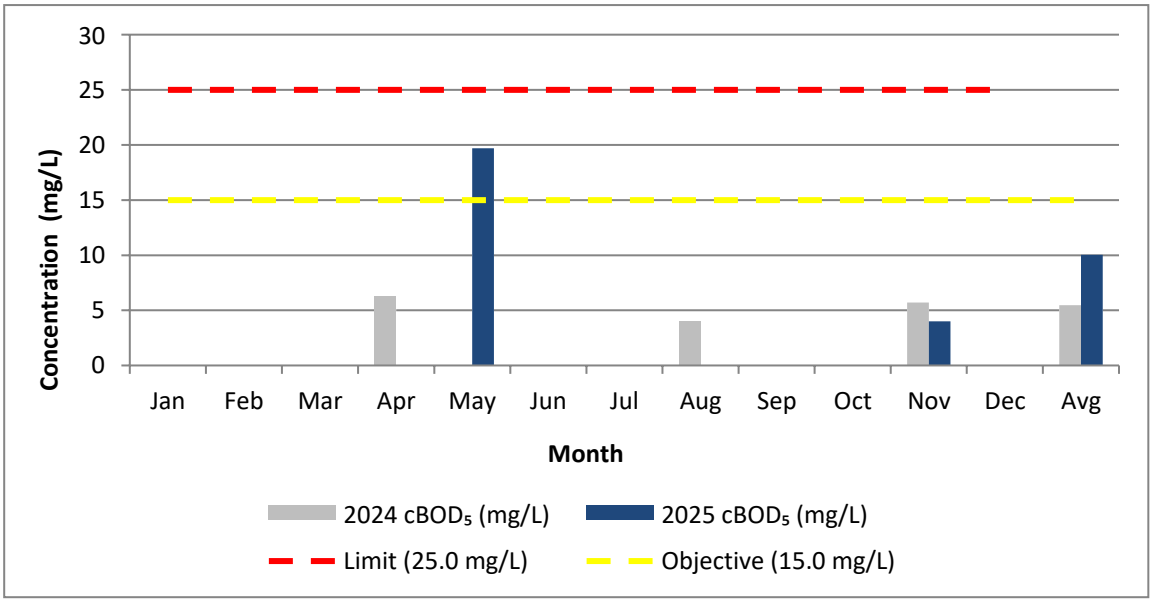
Comparison to Compliance Limits and Objectives

In 2025, effluent parameter concentrations were higher in the spring discharge than in the fall discharge with the exception of nitrate (NO_3) and nitrite (NO_2). Effluent quality differences between spring and fall discharges are largely driven by seasonal treatment conditions within the lagoon. In the spring, colder winter temperatures can reduce biological activity, allowing solids, organic material and ammonia to accumulate, while ice breakup and spring turnover can re-suspend settled material, resulting in higher parameter concentrations for $cBOD_5$, TSS, TAN, TP, and TKN. Nitrate and nitrite concentrations are often higher in the fall because warmer summer temperatures support active biological processes that convert ammonia into nitrate and nitrite.

In the Parkhill Lagoon ECA, effluent parameter objectives and limits are based on an annual average of the sample result concentrations from both the spring and fall discharge. Despite the higher effluent parameter concentrations seen in the spring discharge, all ECA objectives and limits were met in 2025.

In 2025, the average effluent $cBOD_5$ concentration was 10.0 mg/L, which is an 84% increase compared to the average concentration in 2024 (refer to Figure 8). This increase is attributed to higher $cBOD_5$ concentrations observed during the spring discharge period in 2025, which is consistent with colder winter conditions that reduced biological treatment and allowed organic material to accumulate prior to discharge. Despite the higher concentrations, the ECA annual average limit and objective were met.

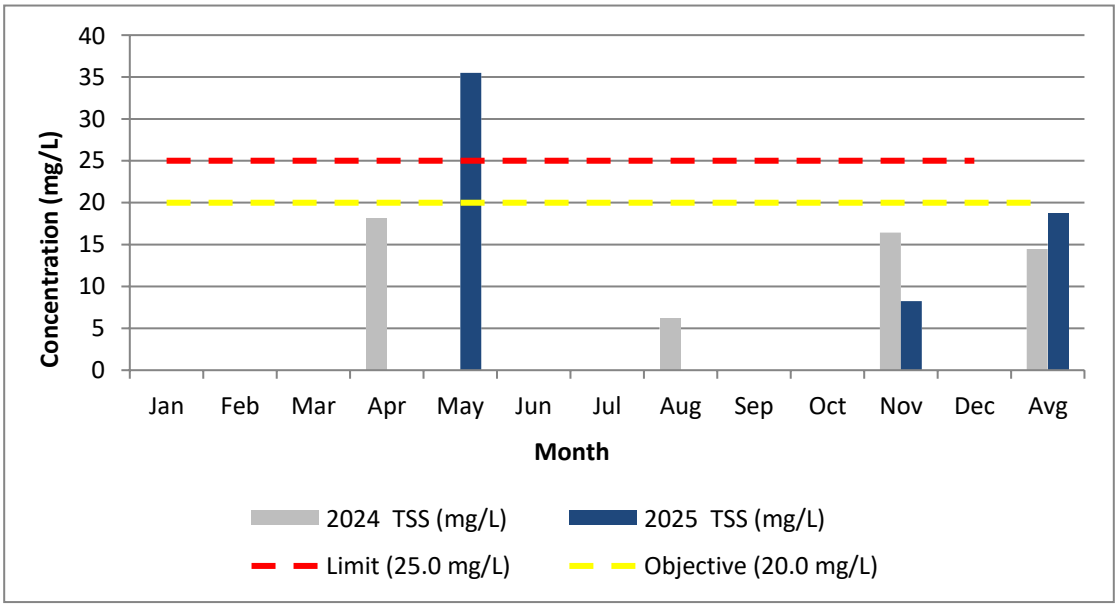
Figure 8: *Effluent $cBOD_5$ Concentrations 2024 to 2025, against ECA Objective and Limit*



In 2025, the average effluent Total Suspended Solids concentration was 19 mg/L, which is a 29% increase compared to the average concentration in 2024 (refer to Figure 9). This increase is attributed to higher TSS concentrations observed during the spring discharge period in 2025. Colder winter conditions in 2025

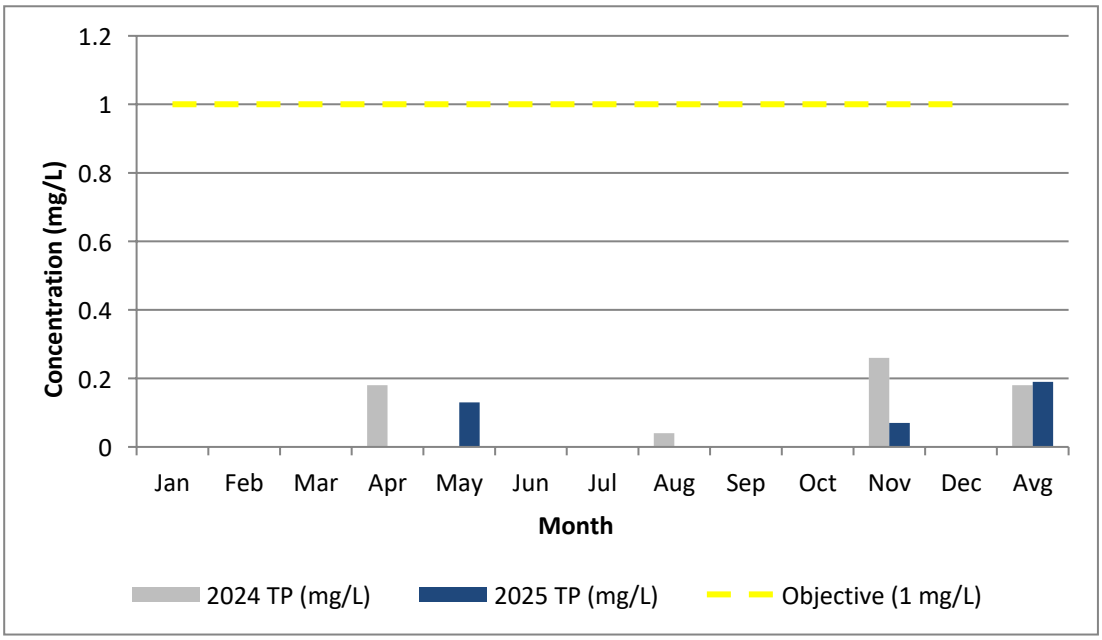
limited biological activity and mixing within the lagoon, allowing settled solids to accumulate. During spring discharge, ice breakup and lagoon turnover can re-suspend these solids, resulting in higher TSS concentrations in the effluent. Despite these conditions, the ECA annual average limits and objectives for TSS were met.

Figure 9: *Effluent TSS Concentrations 2024 to 2025, against ECA Objective and Limit*



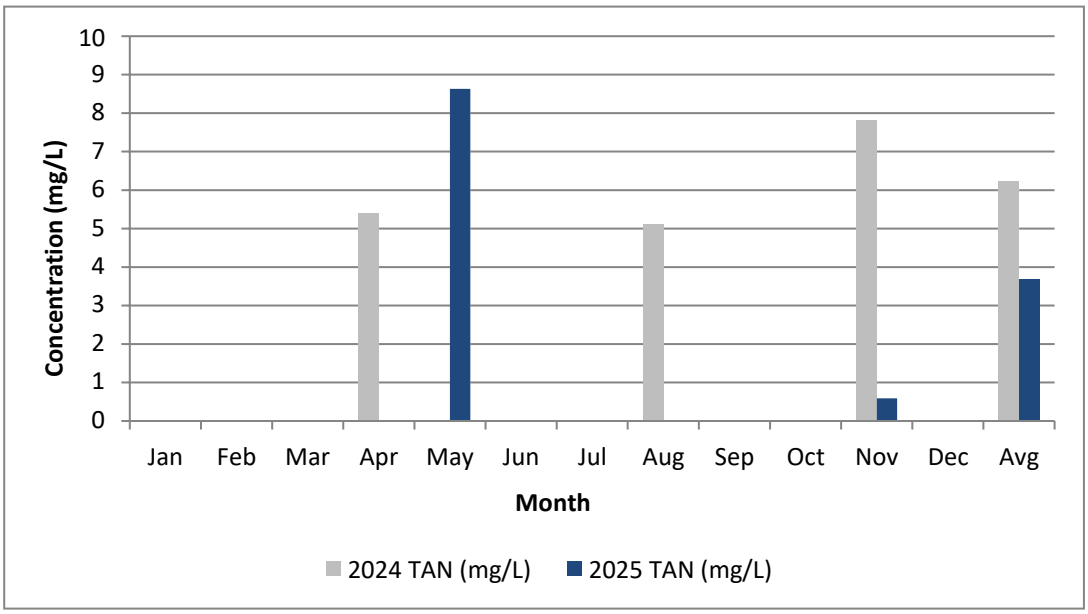
In 2025, the average effluent Total Phosphorus concentration was 0.19 mg/L, which is a 6% increase compared to the average concentration in 2024 (refer to Figure 10). The ECA annual average objective was met.

Figure 10: *Effluent TP Concentrations 2024 to 2025, against ECA Objective*



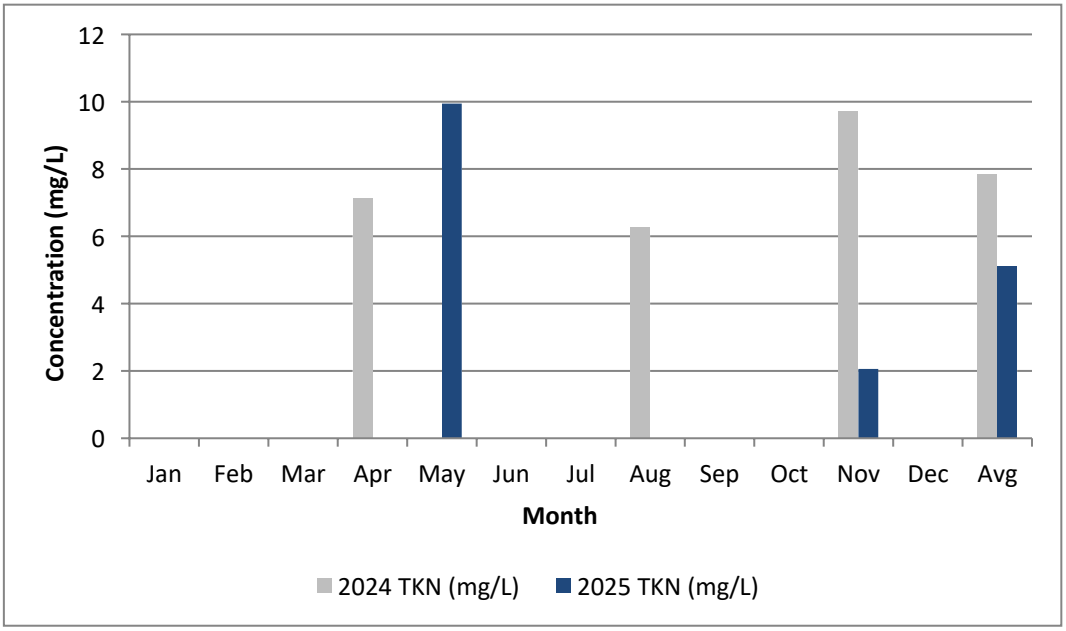
In 2025, the average effluent TAN was 3.68 mg/L, which is a 41% decrease compared to the average concentration in 2024 (refer to Figure 11).

Figure 11: *Effluent TAN Concentrations 2024 to 2025*



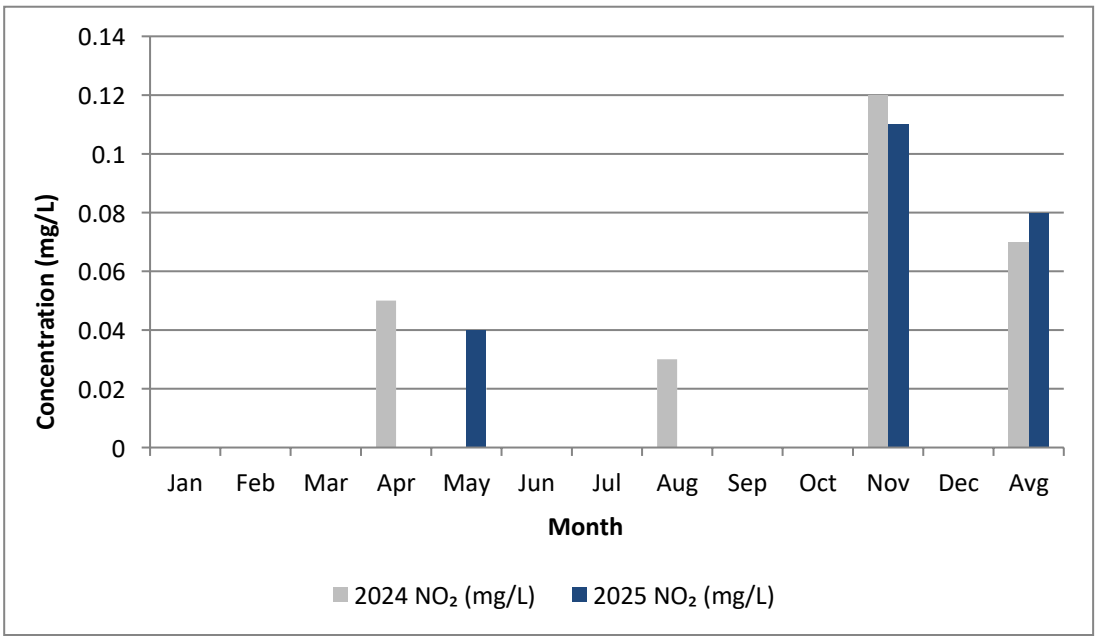
In 2025, the average effluent Total Kjeldahl Nitrogen was 5.09 mg/L, which is a 35% decrease compared to the average concentration in 2024 (refer to Figure 12).

Figure 12: *Effluent TKN Concentrations 2024 to 2025*



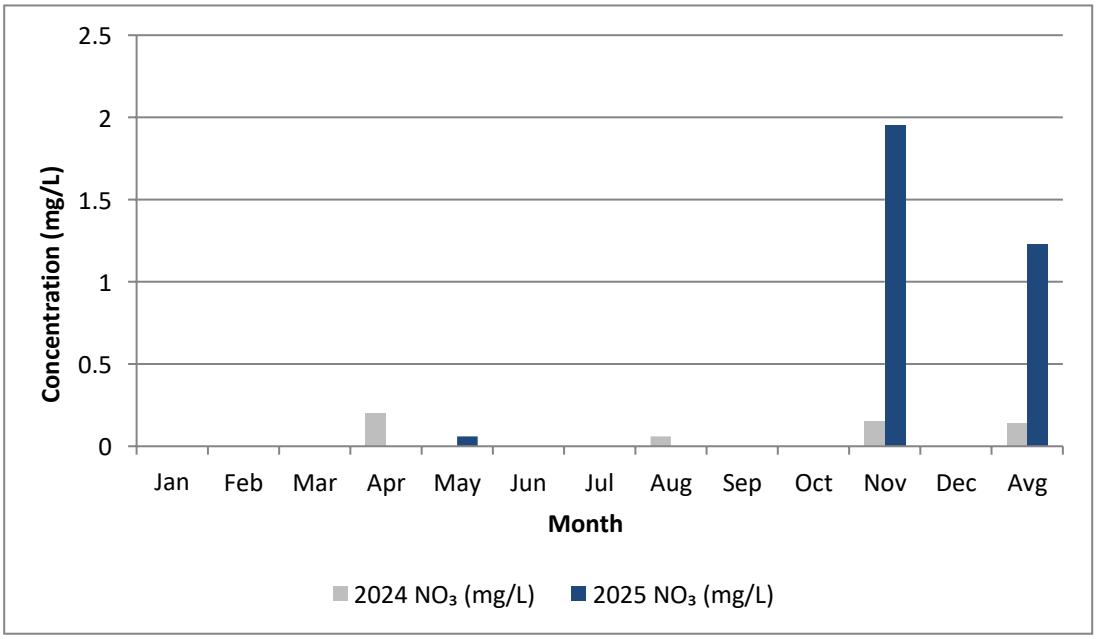
In 2025, the average effluent Nitrite was 0.08 mg/L, which is a 14% increase compared to the average concentration in 2024 (refer to Figure 13).

Figure 13: *Effluent NO_2 Concentrations 2024 to 2025*



In 2025, the average effluent Nitrate was 1.23 mg/L, which is a significant increase from 2024 (refer to Figure 14). Elevated nitrate concentrations observed in November 2025 relative to 2024 are indicative of more complete ammonia removal during the treatment season.

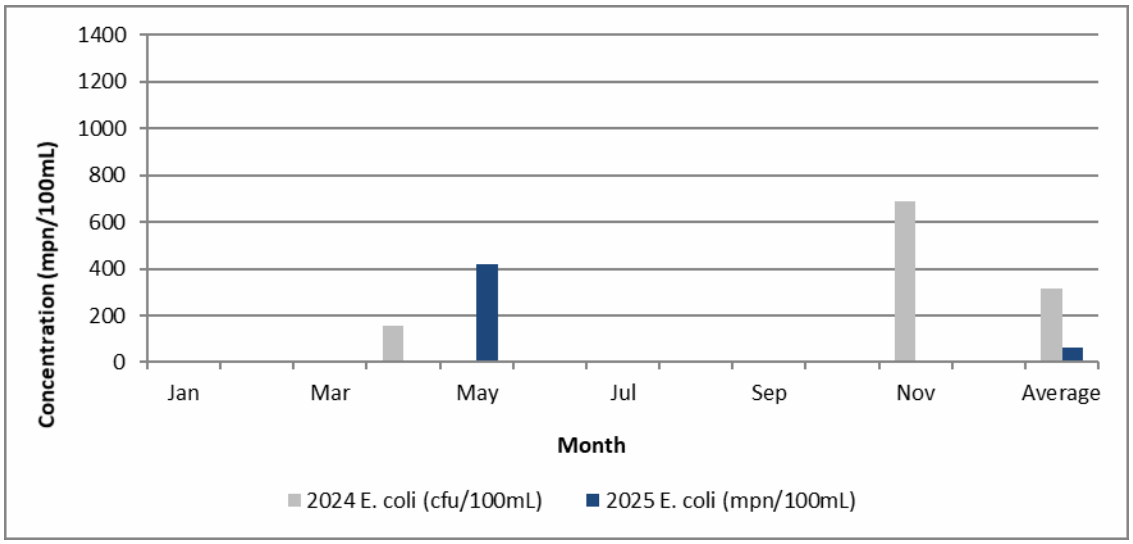
Figure 14: *Effluent NO_3 Concentrations 2024 to 2025*



In 2025, SGS lab updated their E. coli measurement method to mpn/100mL (most probable number) rather than cfu/100mL. This is reflected on Figure 15 below.

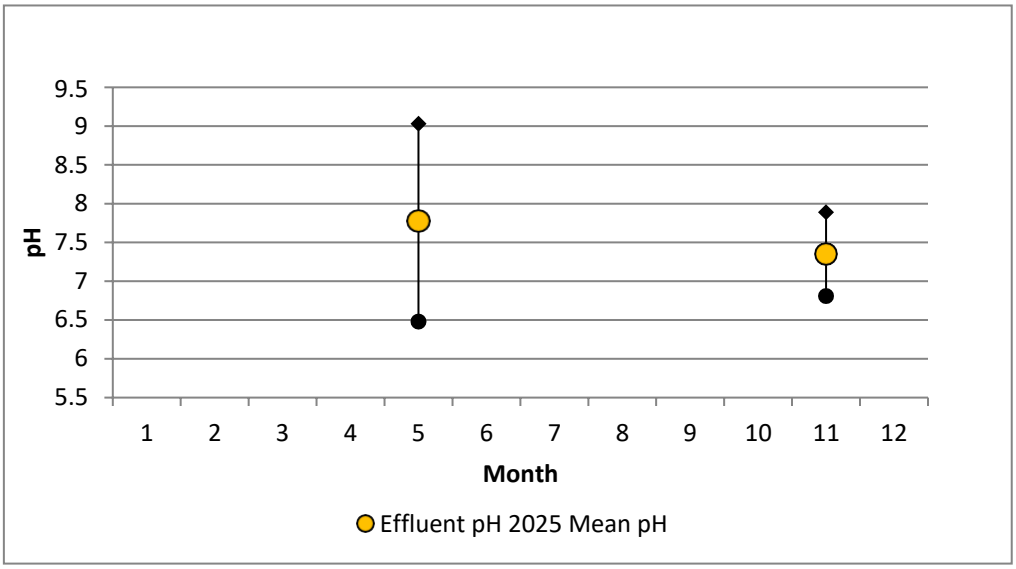
The monthly geometric mean effluent E. coli concentration in 2025 was 63 mpn/100mL, which is an 80% decrease from 2024 (refer to Figure 15).

Figure 15: *Effluent E. coli Concentrations 2024 to 2025*



In 2025, pH in the Parkhill Sewage Lagoons final effluent ranged from 6.48 to 9.03 (refer to Figure 16). There are no minimum ECA limits or objectives for pH, however the standard operating range is 6.5 to 8.5.

Figure 16: *Effluent pH Values 2025*



Operating Problems and Corrective Actions

The biggest challenge facing the Parkhill Sewage Lagoon and WWC system has historically been capacity. In 2024 and 2025, a total of 8696.1 dry tonnes of biosolids were moved from the south and north cell of the Parkhill Lagoon. While this increased capacity, the ECA identifies proposed works for an upgraded sewage treatment plant in the future. The Municipality of North Middlesex is currently working with an engineering firm to obtain plant designs.

Another challenge is aging infrastructure, specifically within the collection system. The Victoria Street Sewage Pumping Station (SPS) has been identified as needing upgrades. This is planned to be addressed through the construction of an upgraded plant.

Capital and major maintenance recommendations were submitted by OCWA to the Municipality of North Middlesex. These recommendations address aging infrastructure and ongoing maintenance requirements for the Parkhill Sewage Lagoon and WWC system so that high quality effluent can continue to be produced. Items on the list for 2026 include:

- Upgrade Design – Parkhill Lagoon
- HVAC Upgrade – Victoria Street SPS
- Generator Upgrade – Victoria Street SPS
- Pump/Check Valve/Valve Replacement – Victoria and Station Street SPS
- Roof replacement – Victoria Street SPS
- Generator Installation – Station Street SPS
- Instrumentation and Control Assessment Replacement – Station Street SPS
- Pump Replacement and Rehabilitation – Station Street SPS

Maintenance Activities

Preventative and corrective maintenance is assigned and monitored within the Workplace Management System (WMS) program. Refer to Appendix A for the 2025 maintenance summary. Refer to Table 2 for a list of major repairs and replacements that took place in 2025.

Table 2: *Major Maintenance in 2025*

Major Maintenance Wastewater
Pump and Check Valve Replacement – Victoria Street SPS
Transducer, Miltronics, Fuses, Relays and Float Replacement – Victoria Street SPS
Pump and Guiderail Replacement – Station Street SPS
Biosolids Removal – North Cell, Parkhill Lagoon
North Discharge Chamber Valve Replacement – Parkhill Lagoon

Effluent Quality Assurance

Effluent quality assurance is evaluated by monitoring parameters and changes throughout the facility's processes. Monthly raw samples are taken and submitted to an accredited lab for analysis and results are assessed by operational and compliance staff. Data from these tests provides valuable information as to the quality of raw influent. Lagoon cell content samples are also obtained prior to discharge.

Information from both the monthly raw and seasonal lagoon content samples enables Operators to adjust the treatment process as needed prior to discharge to ensure effluent limits are met.

Lagoon cell contents are also submitted to Ontario Clean Water Agency's Essex Hub to perform a jar analysis to optimize coagulant dosage for batch dosing the lagoon prior to discharge. During discharge, operational and compliance staff assess lab reports from submitted effluent samples to ensure ECA limits and objectives are met.

In total there were thirteen (13) effluent monitoring samples collected in 2025. Refer to 'Comparison to Compliance Limits and Objectives' for details on effluent analysis.

Calibration Records

Pierce Services and Solutions Inc. calibrated the influent flow meter at the Victoria Street Pumping Station on March 19, 2025. The flow meter met the accuracy tolerance of being within 15% of the actual flow rate. Operational staff complete routine pH meter calibrations and verifications. Refer to Appendix B for 2025 Calibration Records.

Summary of Efforts Made to Achieve Design Objectives

The design objectives were met more 50% of the time for all parameters identified in the ECA. The facility is below 80% of its average daily flow rated capacity. There were no objective or limit exceedances reported during the seasonal discharges in 2025.

Sludge Generation

In 2025, there was an estimated 249 m^3 of sludge generated at the Parkhill Sewage Lagoon. Sludge generation in 2026 is expected to be approximately to be 280 m^3.

In August, 2024, 4815 dry tonnes (22 630 m^3 at 20% solids) of sludge was removed from the south cell for maintenance. This sludge was land applied to NASM Sites including: 61695, 61696, and 61712.

Between July and September 2025, 3478.39 dry tonnes (16 262 m^3 at 21% solids) of sludge was removed from the north cell. This sludge was land applied to NASM Sites including: 25077, 24610, and 22503.

Refer to Table 4 for sludge volumes for the Parkhill Lagoon from 2020 to 2025. Data for 2020 was obtained through a sludge survey. In the interim years, sludge volumes were estimated based on the initial volume, incoming raw sewage, and in the case of the south cell in 2024, biosolids removed.

Table 4*: Estimated Sludge Volumes in the Parkhill Lagoon*

Parkhill Lagoon	2020 Sludge Volume (m^3)	2021 Sludge Volume (m^3)	2022 Sludge Volume (m^3)	2023 Sludge Volume (m^3)	2024 Sludge Volume (m^3)	2025 Sludge Volume (m3)
North Cell	20 802	21 017	21 232	21 447	21 665	5652 (post-biosolids removal)
South Cell	37 568	37 783	37 998	38 213	15 801 (post-biosolids removal)	16 050

Complaints

There were no complaints received for the Parkhill Sewage Lagoon or the WWC system in 2025.

Bypass, Overflows, Spills & Abnormal Discharge Events

The ECA requires additional daily sampling when the lagoons are operated outside of normal operating conditions or in the event of a bypass or overflow. No bypasses or spills occurred in 2025. There were, however, two (2) overflow events, one (1) due to heavy rain and the other due to snow melt. The designed overflow at the Victoria Street Pump Station discharges into the Cameron-Gillies Drain and then into the Parkhill Creek. There is no disinfection applied. During the above noted overflow events no adverse impacts were noted. Refer to Table 5 for a summary of events and sample results. Refer to Table 6 for loading calculations.

Table 5: *2025 Victoria Street SPS Overflow Event Summary and Sample Results*

Date (yyyy-mm-dd)	Duration	Reason	Volume Discharged	Sample Results				
				E. coli (mpn/100ml)	BOD_5 (mg/L)	TSS (mg/L)	TP (mg/L)	TKN (mg/L)
2025-04-02/03	18 hours, 42 minutes	Heavy Rain	1883.4 m^3	547,500	77	138	0.96	6.4
2025-12-28/29	10.5 hours	Snow Melt	1073.6 m^3	1,203,300	63	56	0.59	4.8

Table 6: *2025 Overflow Events – Victoria Street SPS Effluent Parameter Loadings*

	April 2-3, 2025		December 28-29, 2025	
Parameter	Result (mg/L)	Loading (kg/d)	Result (mg/L)	Loading (kg/d)
BOD_5	77	145	63	67.6
TSS	138	259.9	56	60.1
TP	0.96	1.8	0.59	0.63
TKN	6.4	12.1	4.8	5.2

Notice of Modification to the Works

A Notice of Modification to Sewage Works was completed on April 28, 2025. This notification was for sludge removal from the Parkhill Lagoon North Cell to an approved site.

Summary of Efforts made to achieve conformance with F-5-1

Parkhill has a separated collection system, therefore a Pollution Prevention Control Program is not required to be established or maintained.

There is one designed overflow in the Parkhill collection system at the Victoria Street SPS. To accommodate growth in the community, this pumping station has been identified as needing upgrades. The Municipality of North Middlesex is working with an engineering firm to obtain treatment plant designs for upgrades. The Municipality of North Middlesex is also currently working to finalize a new sewer use bylaw to address improper connections to the sanitary sewer system.

Changes or Updates to the Schedule for the Completion of Construction

The Proposed Works identified in ECA NUMBER 7549-CUJJ3V are no longer being considered. The Municipality is currently working with an engineering firm on obtaining alternative plant designs. The appropriate documentation will be submitted to the MECP once the scope of the new proposed sewage works is determined.

Appendix A

Maintenance Summary

ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

Workorder Summary Report

Report Start Date: Jan 1, 2025 12:00 AM
Report End Date: Dec 31, 2025 11:59 PM
Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4287915	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	1/1/25 12:00 AM	1/20/25 12:19 PM	1/20/25 12:19 PM	Alarn Dialer Verbatim Testing (1m) 6001 - • verbatim called on call phone during a low level event
4288627	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	1/1/25 12:00 AM	1/22/25 11:11 AM	1/22/25 11:29 AM	Monthly Generator Test -Checked fluid levels in engine Ran generator for 1 hour Generator transferred properly Recorded values from gauges Verbatim called on call phone Generator in good condition
4288703			6001, Parkhill WWL & CS	PM	HEALTH AND SAFETY	0		WHMIS/MSDS/NSF Review and Update (1y) 6001	CLOSE	1/1/25 12:00 AM	1/24/25 09:59 AM	1/24/25 09:59 AM	Redundant WO, inactived PM -
4319394			6001, Parkhill WWL & CS	PM	Compliance	1	YEARS	RP03 Annual Report ECA (1y) 6001	CLOSE	1/1/25 12:00 AM	3/31/25 01:38 PM	3/31/25 01:38 PM	Completed, sent to MECP and Owner - see Sharepoint -
4322417			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	1/1/25 12:00 AM	1/14/25 07:41 AM	1/14/25 07:41 AM	Health and Safety Inspections (1M) 6001 - Completed all monthly health and safety inspections
4333572			6001, Parkhill WWL & CS	PM	Compliance	1	YEARS	WSER Annual Reporting (1y) 6001	CLOSE	1/6/25 12:00 AM	1/20/25 09:07 AM	1/20/25 09:07 AM	Completed Annual WSER -
4343802	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	2/1/25 12:00 AM	2/19/25 03:19 PM	2/19/25 03:19 PM	Monthly Test - • Alarm Dialer Called out during generator test as it should
4343959			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Spill Kit Inspect Victoria St P.S. (6m) 6001	CLOSE	2/1/25 12:00 AM	2/21/25 02:30 PM	2/21/25 02:30 PM	Inspection Complete - • Spill kit inspection complete
4344421	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	2/1/25 12:00 AM	2/19/25 03:20 PM	2/19/25 03:20 PM	Monthly Test - • OIT Dylan Rooney ran generator for monthly test. All good.
4369152			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	2/1/25 12:00 AM	2/7/25 12:55 PM	2/7/25 12:55 PM	Health and Safety Inspections (1M) 6001 - Completed monthly health and safety checklist for the month of February

ONTARIO CLEAN WATER AGENCY
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Workorder Summary Report

Report Start Date: Jan 1, 2025 12:00 AM
Report End Date: Dec 31, 2025 11:59 PM
Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4387612	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	3/1/25 12:00 AM	3/21/25 07:44 AM	3/21/25 07:44 AM	Alarn Dialer Verbatim Testing (1m) 6001 - Completed monthly alarm dialer test
4388264	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	3/1/25 12:00 AM	3/21/25 07:42 AM	3/21/25 07:42 AM	Engine Diesel Victoria PS Insp/Test (1m) 6001 - Completed monthly generator run test
4413982			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	3/1/25 12:00 AM	3/14/25 07:30 AM	3/14/25 07:30 AM	Health and Safety Inspections (1M) 6001 - Completed all monthly health and safety inspections
4434447	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	4/1/25 12:00 AM	4/16/25 11:10 AM	4/16/25 11:11 AM	Verbatim Test -Verbatim called on call phone during generator test
4434630			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon Treatment(Batch Dosing) (6m) 6001	CLOSE	4/1/25 12:00 AM	5/30/25 07:49 AM	5/30/25 07:49 AM	Lagoon Treatment(Batch Dosing) (6m) 6001 - Completed all lagoons treatment prior to discharge
4434641			6001, Parkhill WWL & CS	PM	Inspection	6	MONTHS	Air Relief Chamber Inspection (6m) 6001	CLOSE	4/1/25 12:00 AM	6/18/25 07:40 AM	6/18/25 07:40 AM	Completed - • Completed with CT Environmental
4435126	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	4/1/25 12:00 AM	4/16/25 11:11 AM	4/16/25 11:13 AM	Monthly Test -Checked fluid in engine Ran generator 1 hour Generator transferred properly Recorded values from gauges Generator in good condition
4435152			6001, Parkhill WWL & CS	PM	Compliance	1	YEARS	OG35 FEP Review (1y) 6001	CLOSE	4/1/25 12:00 AM	7/15/25 11:28 AM	7/15/25 11:28 AM	FEP Review and Updates Completed -
4465906			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon Treatment (Contents Sampling) (6m) 6001	CLOSE	4/1/25 12:00 AM	4/11/25 02:37 PM	4/11/25 02:37 PM	Lagoon Treatment (Contents Sampling) (6m) 6001 - Completed lagoon contents sampling
4465917			6001, Parkhill WWL & CS	PM	Inspection	1	YEARS	Lagoon Biosolids Sampling (1y) 6001	CLOSE	4/1/25 12:00 AM	6/10/25 11:10 AM	6/10/25 11:10 AM	- collected the annual bio solids samples from each cell of the lagoons

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Report End Date: Dec 31, 2025 11:59 PM
Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4467260			6001, Parkhill WWL & CS	PM	Inspection	6	MONTHS	Parkhill Lagoon Inspection (6m) - 6001	CLOSE	4/1/25 12:00 AM	5/2/25 07:39 AM	5/2/25 07:39 AM	Parkhill Lagoon Inspection (6m) - 6001 - Completed parkhill Lagoon inspection
4467272			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	4/1/25 12:00 AM	4/11/25 02:36 PM	4/11/25 02:36 PM	Health and Safety Inspections (1M) 6001 - Completed all health and safety checklist for the month of April
4489031	0000068790	LAGOON CELL 01 SOUTH PARKHILL LAGOON	6001, Parkhill WWL & CS	PM	Inspection	6	MONTHS	Lagoon Cell South Inspection/ Service (6m/1y) 6001	CLOSE	4/25/25 12:00 AM	5/2/25 07:40 AM	5/2/25 07:40 AM	Lagoon Cell South Inspection/ Service (6m/1y) 6001 - Completed lagoon south cell inspection
4495174	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	5/1/25 12:00 AM	5/30/25 07:50 AM	5/30/25 07:50 AM	Alarn Dialer Verbatim Testing (1m) 6001 - completed monthly alarm dialer test
4495824	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	5/1/25 12:00 AM	5/21/25 12:50 PM	5/21/25 12:50 PM	Engine Diesel Victoria PS Insp/Test (1m) 6001 - • checked fluid levels in engine • ran generator for 1 hour • generator transferred properly • recorded values from gauges • generator in good condition
4510621			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Wet Well Inspection (6m) 6001	CLOSE	5/1/25 12:00 AM	6/12/25 01:04 PM	6/12/25 01:04 PM	- wet wells were cleaned and inspected on June 11th - all good
4524407			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	5/1/25 12:00 AM	5/23/25 11:59 AM	5/23/25 11:59 AM	Health and Safety Inspections (1M) 6001 - • inspections completed for the month
4528001			6001, Victoria St Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Overflow 1940 Victoria Street SPS Inspection (1y) 6001	CLOSE	5/1/25 12:00 AM	6/3/25 08:26 AM	6/3/25 08:26 AM	Overflow 1940 Victoria Street SPS Inspection (1y) 6001 - Completed annual overflow inspection for victoria St.
4561916	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	6/1/25 12:00 AM	6/18/25 07:41 AM	6/18/25 07:41 AM	Completed - • Completed, called out as it should

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Workorder Summary Report

Report Start Date: Jan 1, 2025 12:00 AM
Report End Date: Dec 31, 2025 11:59 PM
Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4562698	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	6/1/25 12:00 AM	6/18/25 07:42 AM	6/18/25 07:42 AM	Completed - • Completed for June 2025, ran as it should
4592767			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	6/1/25 12:00 AM	6/30/25 02:10 PM	6/30/25 02:10 PM	Health and Safety Inspections (1M) 6001 -Completed monthly health and safety inspections
4625066	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	7/1/25 12:00 AM	7/18/25 08:00 AM	7/18/25 08:00 AM	Alarn Dialer Verbatim Testing (1m) 6001 -Completed alarm dialer testing for month of July.
4625731	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	7/1/25 12:00 AM	7/18/25 07:59 AM	7/18/25 07:59 AM	Engine Diesel Victoria PS Insp/Test (1m) 6001 -Completed generator testing for month of July.
4656860			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	7/3/25 12:00 AM	7/4/25 02:54 PM	7/4/25 02:54 PM	Health and Safety Inspections (1M) 6001 -Completed monthly health and safety inspection and checklists
4669728	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	8/1/25 12:00 AM	8/20/25 11:57 AM	8/20/25 11:57 AM	Alarn Dialer Verbatim Testing (1m) 6001 - • verbatim called on call phone during generator test
4669876			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Spill Kit Inspect Victoria St P.S. (6m) 6001	CLOSE	8/1/25 12:00 AM	8/18/25 01:10 PM	8/18/25 01:10 PM	Spill Kit Inspect Victoria St P.S. (6m) 6001 - • contents complete
4669878			6001, Parkhill WWL & CS	PM	HEALTH AND SAFETY	12	MONTHS	SDS Review - (1y) 6001	CLOSE	8/1/25 12:00 AM	12/22/25 10:19 AM	12/22/25 10:19 AM	SDS Review of Phopshate reagent - used as needed for Parkhill. -
4670399	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	8/1/25 12:00 AM	8/20/25 11:55 AM	8/20/25 11:55 AM	Engine Diesel Victoria PS Insp/Test (1m) 6001 - • ran generator for monthly test
4696107			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	8/1/25 12:00 AM	8/15/25 03:17 PM	8/15/25 03:17 PM	Completed by Erica Besterd - • Completed by H&S Rep

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Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4710574			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	0		2130 Parkhill Dr Pinetree Daycare Sanitary Lateral Repair, 6001	CLOSE		9/30/25 11:27 AM	9/30/25 11:27 AM	4 INCH Sanitary Lateral Repair -Weber Contracting accidently directionally bored their fiber through the 4 inch sanitary lateral for the Pinetree Daycare located at 2130 Parkhill Dr. OCWA Staff onsite to repair with Weber Contracting. - 4" Sanitary Later Repair & Parts List - 4" Sanitary lateral for 2130 Parkhill Drive was directionally drilled through right at the wye cleanout. Wye Cleanout and riser replaced as well as section of schedule 40 pipe. Repair Materials: • 4" Fernco • 36" Sched 40 Pipe • 4" T Wye with gaskets (Karl Robinson) • 4" 45 degree elbow with gaskets (Karl Robinson) • 4: Cap with Gasket (Karl Robinson) 2130 Parkhill Dr Pinetree Daycare Sanitary Lateral Repair, 6001 - • sanitary lateral repair Completed -Completed repair during business hours
4716884	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	9/1/25 12:00 AM	9/15/25 07:48 AM	9/15/25 07:48 AM	Alarn Dialer Verbatim Testing (1m) 6001 -Completed alarm dialer testing for month of September.
4716889	0000068765	PUMP SUBMERSIBLE RAW SEWAGE 01 STATION ST PS	6001, Station St Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Subm 01 Station St Ps Insp/ Service (1y) 6001	CLOSE	9/1/25 12:00 AM	9/23/25 10:48 AM	9/23/25 10:48 AM	Pump Subm 01 Station St Ps Insp/ Service (1y) 6001 - Running checks completed weekly Pump 1 was newly installed April 14 2925

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Workorder Summary Report

Report Start Date: Jan 1, 2025 12:00 AM
Report End Date: Dec 31, 2025 11:59 PM
Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4716898	0000068775	PUMP SUBMERSIBLE RAW SEWAGE 01 VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Subm 01 Victoria St Ps Insp/ Service (1y) 6001	CLOSE	9/1/25 12:00 AM	9/25/25 03:35 PM	9/25/25 03:35 PM	Pump Subm 01 Victoria St Ps Insp/ Service (1y) 6001 - Running checks completed weekly All other checks done while testing PLC panel in April 2025
4716907	0000068766	PUMP SUBMERSIBLE RAW SEWAGE 02 STATION ST PS	6001, Station St Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Subm 02 Station St Ps Insp/ Service (1y) 6001	CLOSE	9/1/25 12:00 AM	9/23/25 10:51 AM	9/23/25 10:51 AM	Pump Subm 02 Station St Ps Insp/ Service (1y) 6001 - running checks completed weekly all other checks were completed while checking PLC panel in April 2025
4716916	0000068776	PUMP SUBMERSIBLE RAW SEWAGE 02 VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Subm 02 Victoria St Ps Insp/ Service (1y) 6001	CLOSE	9/1/25 12:00 AM	9/25/25 03:36 PM	9/25/25 03:36 PM	Pump Subm 02 Victoria St Ps Insp/ Service (1y) 6001 - Running checks completed weekly All other checks done while testing PLC panel in April 2025
4717867	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	9/1/25 12:00 AM	9/15/25 07:49 AM	9/15/25 07:49 AM	Engine Diesel Victoria PS Insp/Test (1m) 6001 -Completed generator testing for month of September,
4747208			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	9/1/25 12:00 AM	9/23/25 10:39 AM	9/23/25 10:39 AM	Health and Safety Inspections (1M) 6001 -Completed monthly health and safety checklists and inspections
4770140	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	10/1/25 12:00 AM	10/23/25 12:39 PM	10/23/25 12:39 PM	Completed - • Completed for October
4770282			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	5	YEARS	Sludge Depth Testing (1y) 6001	CLOSE	10/1/25 12:00 AM	11/3/25 02:22 PM	11/3/25 02:22 PM	Completed -See RV Anderson Sludge Removal Report. Both South & North Cell's had biosolids removed in 2024 & 2025.
4770286			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon Treatment(Batch Dosing) (6m) 6001	CLOSE	10/1/25 12:00 AM	11/4/25 11:04 AM	11/4/25 11:04 AM	Completed Nov 4 2025 - • Completed by OCWA Lagoon crew Nov 4, 2025

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Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4770297			6001, Parkhill WWL & CS	PM	Inspection	6	MONTHS	Air Relief Chamber Inspection (6m) 6001	CLOSE	10/1/25 12:00 AM	11/4/25 11:07 AM	11/4/25 11:07 AM	Completed Spring 2025 - • Completed Spring 2025
4770842	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	10/1/25 12:00 AM	10/23/25 12:38 PM	10/23/25 12:38 PM	Sommers Service - • Generator Ran for Sommers Service
4800530			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon Treatment (Contents Sampling) (6m) 6001	CLOSE	10/1/25 12:00 AM	10/15/25 03:38 PM	10/15/25 03:38 PM	Lagoon Treatment (Contents Sampling) (6m) 6001 -Completed fall lagoon contents samples
4801431			6001, Parkhill WWL & CS	PM	Inspection	6	MONTHS	Parkhill Lagoon Inspection (6m) - 6001	CLOSE	10/1/25 12:00 AM	11/6/25 10:40 AM	11/6/25 10:40 AM	Completed - • Completed at start of fall discharge
4801443			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	10/1/25 12:00 AM	10/14/25 03:40 PM	10/14/25 03:40 PM	Health and Safety Inspections (1M) 6001 -Completed all monthly health and safety inspections
4824203	0000068790	LAGOON CELL 01 SOUTH PARKHILL LAGOON	6001, Parkhill WWL & CS	PM	Inspection	6	MONTHS	Lagoon Cell South Inspection/ Service (6m/1y) 6001	CLOSE	11/1/25 12:00 AM	11/6/25 10:43 AM	11/6/25 10:43 AM	Completed - • Completed at start of fall discharge
4824213	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	11/1/25 12:00 AM	11/24/25 11:45 AM	11/24/25 11:45 AM	Alarm Dialer Verbatim Testing (1m) 6001 -Completed monthly alarm dialer test
4824959	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	11/1/25 12:00 AM	11/24/25 11:46 AM	11/24/25 11:46 AM	Engine Diesel Victoria PS Insp/Test (1m) 6001 -Completed monthly one hour generator run test
4836818			6001, Parkhill WWL & CS	PM	Refurbish/ Replace/Repair	6	MONTHS	Wet Well Inspection (6m) 6001	CLOSE	11/1/25 12:00 AM	11/4/25 11:06 AM	11/4/25 11:06 AM	Denied By Client - • Denied by client
4849903			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	11/1/25 12:00 AM	11/24/25 11:48 AM	11/24/25 11:48 AM	Health and Safety Inspections (1M) 6001 -Completed all monthly health and safety inspections and checklists

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Workorder Summary Report

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Location: 6001,6001-SPST,6001-SPVC,6001-WLPH
Work Order Type: PM
Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4869384	0000154310	PANEL ALARM/ DIALER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Alarn Dialer Verbatim Testing (1m) 6001	CLOSE	12/1/25 12:00 AM	12/11/25 01:07 PM	12/11/25 01:07 PM	Alarn Dialer Verbatim Testing (1m) 6001 -Completed monthly alarm test
4870116	0000248888	ENGINE DIESEL EMERG POWER VICTORIA ST PS	6001, Victoria St Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Victoria PS Insp/Test (1m) 6001	CLOSE	12/1/25 12:00 AM	12/11/25 01:10 PM	12/11/25 01:10 PM	Engine Diesel Victoria PS Insp/Test (1m) 6001 -Completed monthly generator one hour run test
4895107			6001, Victoria St Pumping Station	PM	HEALTH AND SAFETY	1	MONTHS	Health and Safety Inspections (1M) 6001	CLOSE	12/1/25 12:00 AM	12/11/25 01:03 PM	12/11/25 01:03 PM	Health and Safety Inspections (1M) 6001 -Completed monthly health and safety inspections

Appendix B

Calibration Records

45WillonRoad
Guelph, ONN1E7LS

Pierce Services
& Sol urions Tnc.

Phooo: 61Q.820.4853
Fu : 519.824.9402

Flowmeter Report

Verification: x

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Manufacturer.!All Bc.._____ ___

Checked By: Gre1 Pierce

Waterm stet

S.. rial No.: 3K620000209373

Inventory Na.: _ _ _ _ _ _

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confirmedRunMode:X **Returntose:,vke: x** _ _ _

Service Comments:

flowmeter Jn!orm:.k>n

Row Unit ; l/•

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t. So lu tluu " lnr ,

519.820.4853 Fax519.824.9402

Instrument Verification Sheet

ClientName: Ontmio Caean Weter Agency

ra:Mall:h 19.2025

Equipment CJrescliprion: Level Transmitter

Assigned Nsmb<!f: LIT 101

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Appendix C

Monitoring Data

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Performance Assessment Report

From 1/1/2025 to 12/31/2025 11:59:59 PM

6001 PARKHILL WASTEWATER TREATMENT LAGOON 110002461

	1 / 2025	2/ 2025	3/ 2025	4/ 2025	5/ 2025	6/ 2025	7/ 2025	8/ 2025	9/ 2025	10/ 2025	11/ 2025	12/ 2025	<--Total-->	<--Avg-->	<--Max-->	<-Criteria->
Flows																
Raw Flow: Total - Raw Sewage m³/d	22,912.00	16,911.00	29,337.00	27,917.00	19,062.00	15,945.00	13,593.00	13,552.00	12,660.00	13,368.00	13,870.00	22,264.00	221,391.00			0.00
Raw Flow: Avg - Raw Sewage m³/d	739.10	603.96	946.35	930.57	614.90	531.50	438.48	437.16	422.00	431.23	462.33	718.19		606.55		1,150.00
Raw Flow: Max - Raw Sewage m³/d	1,594.00	1,030.00	2,355.00	3,482.00	830.00	747.00	507.00	478.00	568.00	521.00	576.00	1,200.00			3,482.00	0.00
Raw Flow: Count - Raw Sewage m³/d	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00			0.00
Eff. Flow: Total - North Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	91,630.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91,630.60			0.00
Eff. Flow: Total - South Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	41,275.10	0.00	0.00	0.00	0.00	0.00	72,644.50	0.00	113,919.60			0.00
Eff. Flow: Total - Combined Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	132,905.70	0.00	0.00	0.00	0.00	0.00	72,644.50	0.00	205,550.20			0.00
Eff. Flow: Avg - North Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	6,108.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00		6,108.71		
Eff. Flow: Avg - South Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	2,751.67	0.00	0.00	0.00	0.00	0.00	4,273.21	0.00		3,559.99		
Eff. Flow: Avg - Combined Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	8,306.61	0.00	0.00	0.00	0.00	0.00	4,273.21	0.00		1,343.47		
Eff. Flow: Max - North Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	18,161.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			18,161.00	0.00
Eff. Flow: Max - South Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	6,604.00	0.00	0.00	0.00	0.00	0.00	6,604.00	0.00				0.00
Eff. Flow: Max - Combined Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	24,765.00	0.00	0.00	0.00	0.00	0.00	6,604.00	0.00			24,765.00	0.00
Eff Flow: Count - North Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00			0.00
Eff Flow: Count - South Cell Final Effluent m³/d	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	17.00	0.00	32.00			0.00
Eff Flow: Count - Combined Cell Final Effluent m³/d	31.00	28.00	31.00	30.00	16.00	0.00	0.00	0.00	0.00	0.00	17.00	0.00	153.00			0.00
Carbonaceous Biochemical Oxygen Demand: CBOD																
Eff: Avg cBOD5 - North Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		12.60	12.60	
Eff: Avg cBOD5 - South Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	26.80	0.00	0.00	0.00	0.00	0.00	< 4.00	0.00		12.77	26.80	
Eff: Avg cBOD5 - Combined Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	19.70	0.00	0.00	0.00	0.00	0.00	< 4.00	0.00		10.04	19.70	25.00
Eff: # of samples of cBOD5 - North Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00			0.00
Eff: # of samples of cBOD5 - South Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00
Eff: # of samples of cBOD5 - Combined Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00
Biochemical Oxygen Demand: BOD5																
Raw: Avg BOD5 - Raw Sewage mg/L	120.00	421.00	195.00	141.00	327.00	181.00	343.00	308.00	380.00	319.00	287.00	292.00		276.17	421.00	0.00
Raw: # of samples of BOD5 - Raw Sewage	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Total Suspended Solids: TSS																
Raw: Avg TSS - Raw Sewage mg/L	58.00	200.00	76.00	94.00	252.00	114.00	258.00	115.00	157.00	258.00	311.00	118.00		167.58	311.00	0.00
Raw: # of samples of TSS - Raw Sewage	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Eff: Avg TSS - North Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	30.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		30.40	30.40	
Eff: Avg TSS - South Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	40.60	0.00	0.00	0.00	0.00	0.00	8.25	0.00		20.69	40.60	
Eff: Avg TSS - Combined Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	35.50	0.00	0.00	0.00	0.00	0.00	8.25	0.00		18.73	35.50	25.00
Eff: # of samples of TSS - North Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00			0.00
Eff: # of samples of TSS - South Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00
Eff: # of samples of TSS - Combined Cell Final Effluent	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	18.00			0.00
Percent Removal: TSS - North Cell Final Effluent %	0.00	0.00	0.00	0.00	87.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00			87.94	0.00
Percent Removal: TSS - South Cell Final Effluent %	0.00	0.00	0.00	0.00	83.89	0.00	0.00	0.00	0.00	0.00	97.35	0.00			97.35	0.00
Total Phosphorus: TP																
Raw: Avg TP - Raw Sewage mg/L	3.52	8.95	4.27	3.98	4.58	5.37	6.51	7.11	9.16	6.77	7.20	7.61		6.25	9.16	0.00

Performance Assessment Report

From 1/1/2025 to 12/31/2025 11:59:59 PM

Raw: # of samples of TP - Raw Sewage	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Eff: Avg TP - North Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.12	0.12	
Eff: Avg TP - South Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	< 0.07	0.00		0.10	0.14	
Eff: Avg TP - Combined Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	< 0.07	0.00		0.19	0.13	1.00
Eff: # of samples of TP - North Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00			0.00
Eff: # of samples of TP - South Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00
Eff: # of samples of TP - Combined Cell Final Effluent	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	18.00			0.00
Percent Removal: TP - North Cell Final Effluent %	0.00	0.00	0.00	0.00	97.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00			97.42	0.00
Percent Removal: TP - South Cell Final Effluent %	0.00	0.00	0.00	0.00	96.94	0.00	0.00	0.00	0.00	0.00	98.99	0.00			98.99	0.00

Nitrogen Series

Raw: Avg TKN - Raw Sewage mg/L	32.60	58.00	38.90	33.90	30.10	49.00	59.30	61.10	73.80	68.10	63.60	64.10		52.71	73.80	0.00
Raw: # of samples of TKN - Raw Sewage	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Eff: Avg TAN - North Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	14.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00		14.24	14.24	
Eff: Avg TAN - South Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	3.02	0.00	0.00	0.00	0.00	0.00	0.59	0.00		1.52	3.02	
Eff: Avg TAN - Combined Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	8.63	0.00	0.00	0.00	0.00	0.00	0.59	0.00		3.68	8.63	
Eff: # of samples of TAN - North Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00			0.00
Eff: # of samples of TAN - South Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00
Eff: # of samples of TAN - Combined Cell Final Effluent	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	18.00			0.00
Eff: Avg NO3-N - Combined Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	< 0.06	0.00	0.00	0.00	0.00	0.00	1.95	0.00		< 1.01	< 1.95	0.00
Eff: # of samples of NO3-N - Combined Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00
Eff: Avg NO2-N - Combined Cell Final Effluent mg/L	0.00	0.00	0.00	0.00	< 0.04	0.00	0.00	0.00	0.00	0.00	0.11	0.00		< 0.07	< 0.11	0.00
Eff: # of samples of NO2-N - Combined Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00

Disinfection

Eff: GMD E. Coli MPN - North Cell Final Effluent MPN	0.00	0.00	0.00	0.00	62.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
Eff: GMD E. Coli MPN - South Cell Final Effluent MPN	0.00	0.00	0.00	0.00	2,789.59	0.00	0.00	0.00	0.00	0.00	9.60	0.00				
Eff: # of samples of E. Coli MPN - North Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00			0.00
Eff: # of samples of E. Coli MPN - South Cell Final Effluent	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	13.00			0.00