March 30, 2026
Director
Ministry of the Environment, Conservation and Parks
Southwest Region
733 Exeter Rd
London, ON N6E 1L3

Re: Lucknow Sewage Treatment Facility and Huron-Kinloss Municipal Sewage Collection System Annual Performance Report

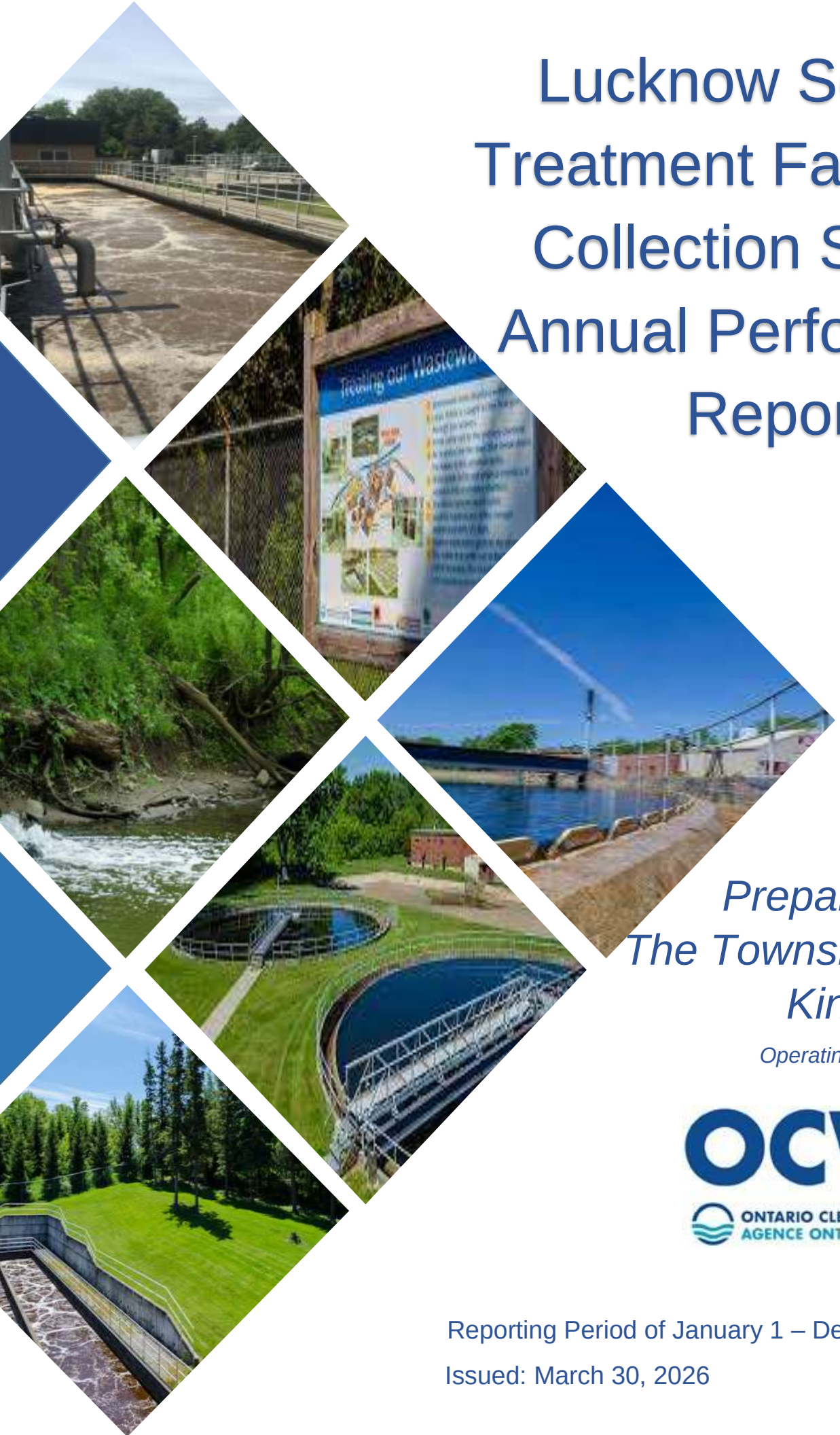
Attached is the 2025 Annual Performance Report for the Lucknow Sewage Treatment Facility and the Huron-Kinloss Municipal Sewage Collection System. This report has been completed in accordance with Condition 10(6) of Environmental Compliance Approval No. 3567-999KAF dated August 6, 2013, and Schedule E, Condition 4.0 (4.6) of CLI-ECA No. 087-W601 issued on December 22, 2022. This report was prepared by the Ontario Clean Water Agency on behalf of the Township of Huron-Kinloss based on the information we have in our records. The report covers the period of January 1st to December 31st, 2025.

If you have any questions, please do not hesitate to contact me. 519-441-0441.

Sincerely,

Katelyn Barrowcliffe
Process and Compliance Technician
Ontario Clean Water Agency

Cc Scott Gass, MECP, District Manager
Sam Smith, OCWA, Regional Hub Manager
Paul Sherban, OCWA, Senior Operations Manager
Maegan Garber, OCWA, Safety, Process and Compliance Manager
Geoff Aitken, Township of Huron-Kinloss, Manager of Environmental Services
John Yungblut, Township of Huron-Kinloss, Director of Public Works



Lucknow Sewage Treatment Facility and Collection System Annual Performance Report

Prepared For:
The Township of Huron-Kinloss

Operating Authority:

OCWA
ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

Reporting Period of January 1 – December 31, 2025

Issued: March 30, 2026

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Overview

The following report was prepared by Ontario Clean Water Agency on behalf of The Township of Huron-Kinloss in accordance with:

- Condition 10(6) (a) through (k) cited in Environmental Compliance Approval (ECA) #3567-999KAF issued August 6 ,2013, to The Corporation of the Township of Huron-Kinloss.
- Schedule E(4) cited in the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #087-W601 issued December 22, 2022, to The Corporation of the Township of Huron-Kinloss.

System Process Description

The Lucknow Sewage Treatment Facility is located at Lot 53, Concession 1 in Lucknow, Ontario. The system has a rated capacity of 750 m^3/d and is comprised of the following components:

- Wastewater collection system (WWC) and pumping stations
- Three facultative lagoons with supplementary treatment
- Six (6) rapid infiltration basins
- Emergency storage lagoon
- Final effluent disposal

Raw Wastewater Collection

Raw sewage flows by gravity through the collection system. Sewage is pumped to the lagoons from the Lucknow Sewage Pumping Station (SPS) located at 432 Inglis Street in the Village of Lucknow.

There is one designed overflow in the Lucknow Sewage Treatment Facility (SEWAGE TREATMENT FACILITY). At the Lucknow SPS, a 375 mm overflow discharges to the Ackert Drain.

The Lucknow SPS is equipped with a stand-by generator. There are three (3) submersible pumps, miltronics to monitor wet well levels, which control the start/stop cycle of all pumps and alarms and a magnetic flowmeter. The system records flows via datalogger.

Sewage Lagoons

Raw sewage is pumped to the Lucknow Sewage Treatment Facility from the Lucknow SPS and enters Cell No. 1 through the force main. The three cell aerated facultative lagoon system operates in series and receives an annual average daily influent flow of 750 m^3, the lagoon cells have a combined volume of 32,000 m^3. Sewage flows from one cell to the next through transfer chambers before being directed to the rapid infiltration basins (RIBs), where the effluent is filtered into the groundwater and eventually flows into the wetland located behind the lagoon. This lagoon system is approved for year round discharge.

A liquid aluminum sulfate feed system consisting of one 27,000 L chemical storage tank and two metering pumps, is located at Lucknow Sewage Treatment Facility. Aluminum sulfate is injected at the aerated facultative lagoon inlet structure with a secondary injection point available in the transfer structure between Cells No. 1 and No. 2 for dual point alum addition. The alum promotes coagulation, allowing particles to grow and settle more readily. This process assists in removing phosphorus from the wastewater prior to discharge from the lagoon.

Aerated Lagoon Effluent Disposal Facility

Discharge of the lagoons is permitted year round. Effluent is directed from Cell No.3 to the effluent pumping station which is equipped with two (2) pumps discharging to the distribution chamber upstream of the rapid infiltration basins or into the emergency storage lagoon. The six (6) rapid infiltration basins operate in series at a maximum flow rate of 1,000 m^3/d. Effluent drains through the rapid infiltration basins to re-charge the groundwater.

Winter Storage Lagoon (ESL)

The winter storage lagoon at the Lucknow Sewage Treatment Facility has a total operating volume of 67,500 m^3. The ESL is unlined and has a natural gravel base that allows any influent to the ESL to drain. When bypassing the RIBs the Lagoon effluent enters the ESL at a single location and disperses over an area approximately equal to or less than the RIB area before recharging.

System Facts:

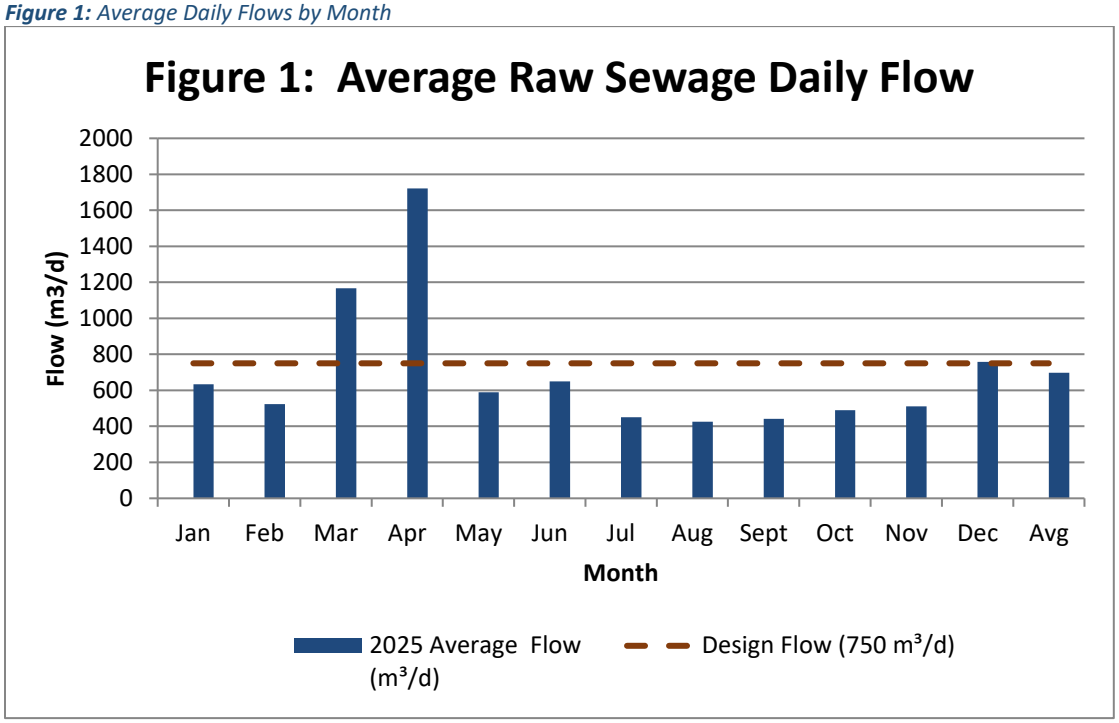
Environmental Compliance Approval	#3567-999KAF (issued August 6, 2013)
CLI Environmental Compliance Approval	#087-W601 (issued December 22, 2022)
Rated Capacity	750 m^3/d
Receiving Water	Groundwater Recharge

The Lucknow Sewage Treatment Facility and WWC system were operated in accordance with the provincial regulations as required in ECA #3567-999KAF and CLI-ECA #087-W601.

Influent and Effluent Flow Monitoring

The Lucknow Sewage Treatment Facility has a rated capacity of 750 m^3/day and receives sewage from the Village of Lucknow. Figure 1 illustrates the monthly average daily flow for the past year compared to the facility's rated capacity. In 2025, the raw sewage average daily flow was 696.80 m^3/day, which is an increase from the 594.79 m^3/day reported by the previous operating authority in 2024. This 17.15% increase is attributed to significant rainfall events and snowmelt that occurred in March and April, which caused influent flows to exceed the rated capacity at times. Overall, the facility is currently operating at 93% of its rated capacity of 750 m^3/day. The Lucknow Sewage Treatment Facility is not equipped with a final effluent totalizer. Instead, the influent flow is used as the representative value for the effluent discharge volume.

***Figure 1:** Average Daily Flows by Month*

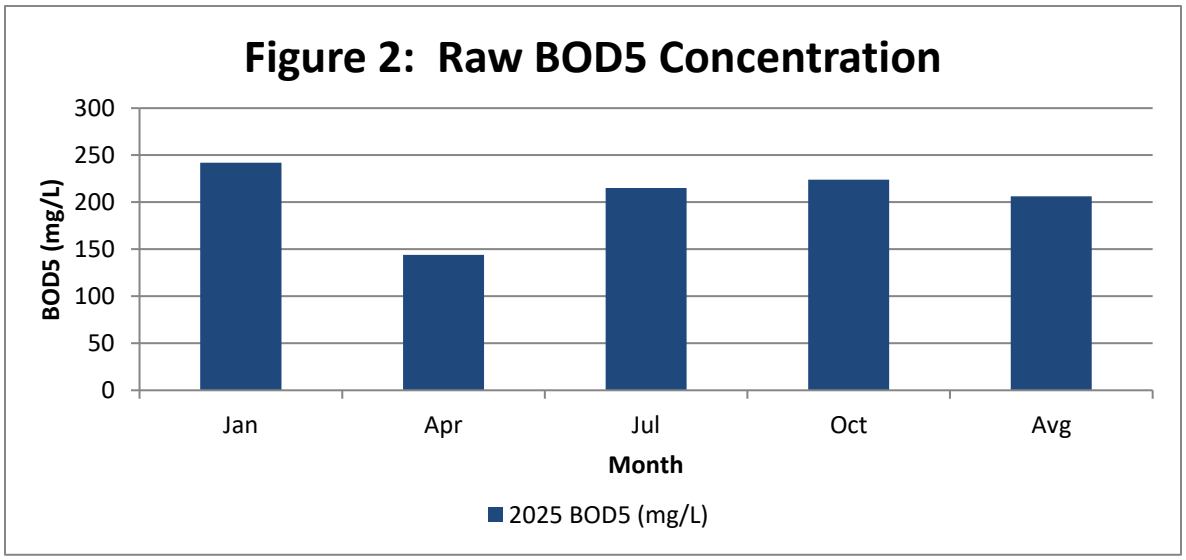


Influent Data

Influent is monitored for Biological Oxygen Demand (BOD_5), Total Suspended Solids (TSS), Total Phosphorus (TP), and Total Kjeldahl Nitrogen (TKN) on a quarterly basis through grab samples collected at the Lucknow SPS. Refer to Appendix A for a summary of all monitoring data.

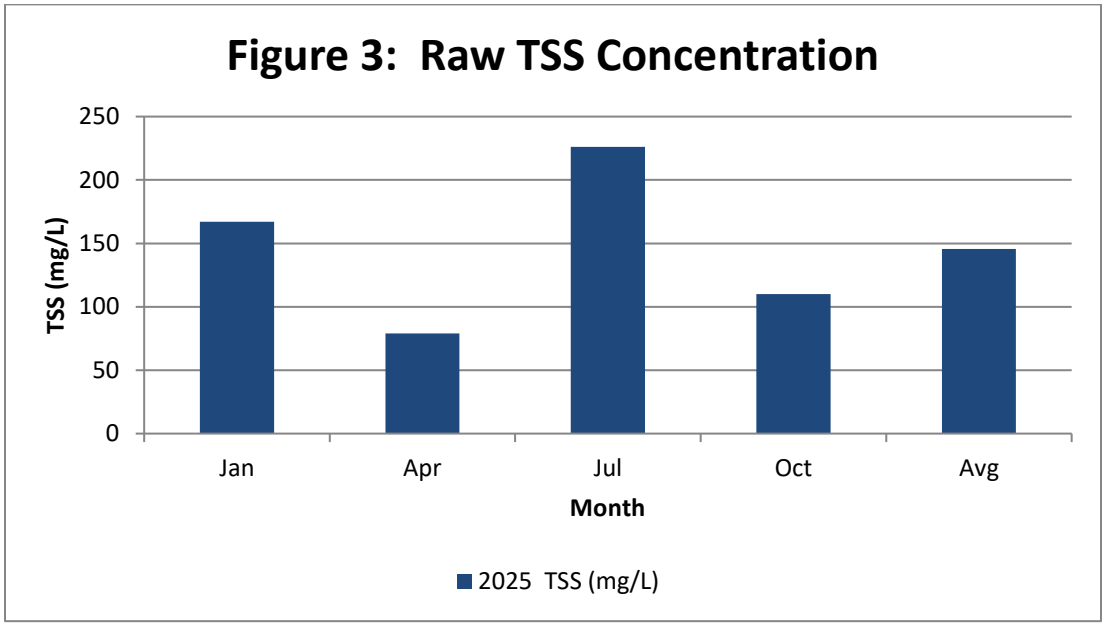
In 2025, the average raw BOD_5 concentration was 206.25 mg/L, compared to 165.50 mg/L reported by the previous operating authority in 2024, representing a 25% increase. Refer to Figure 2 for the 2025 monthly raw BOD_5 concentrations.

Figure 2: *Raw BOD_5 Concentrations*



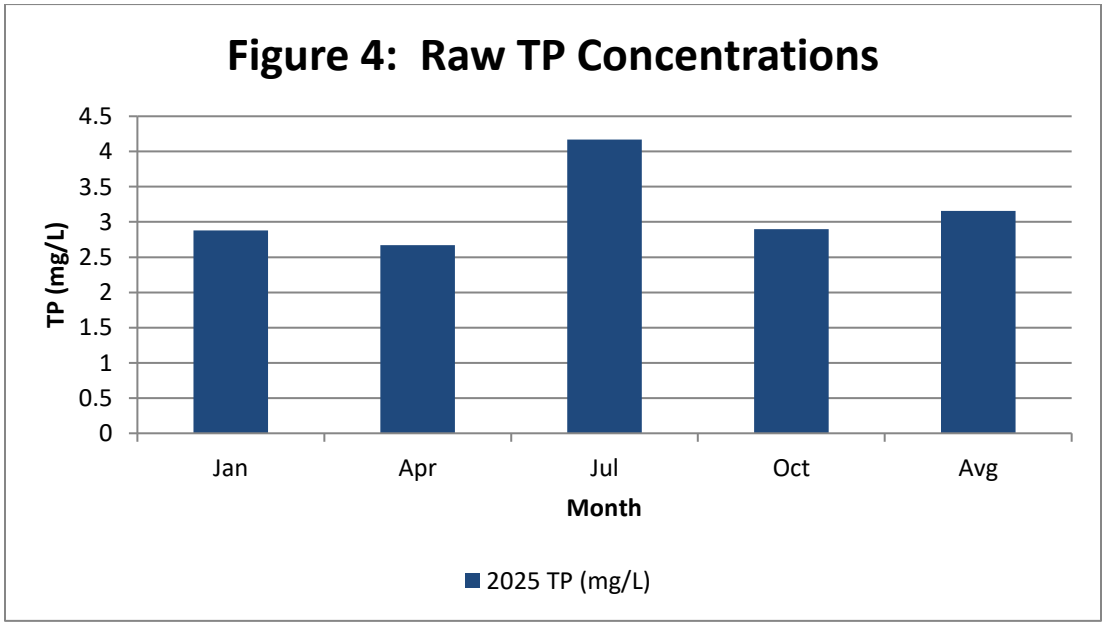
In 2025, the average raw TSS concentration was 145.5 mg/L, compared to 210 mg/L reported by the previous operating authority in 2024, representing a 30% decrease. Refer to Figure 3 for the 2025 monthly raw TSS concentrations.

Figure 3: *Raw TSS Concentrations*



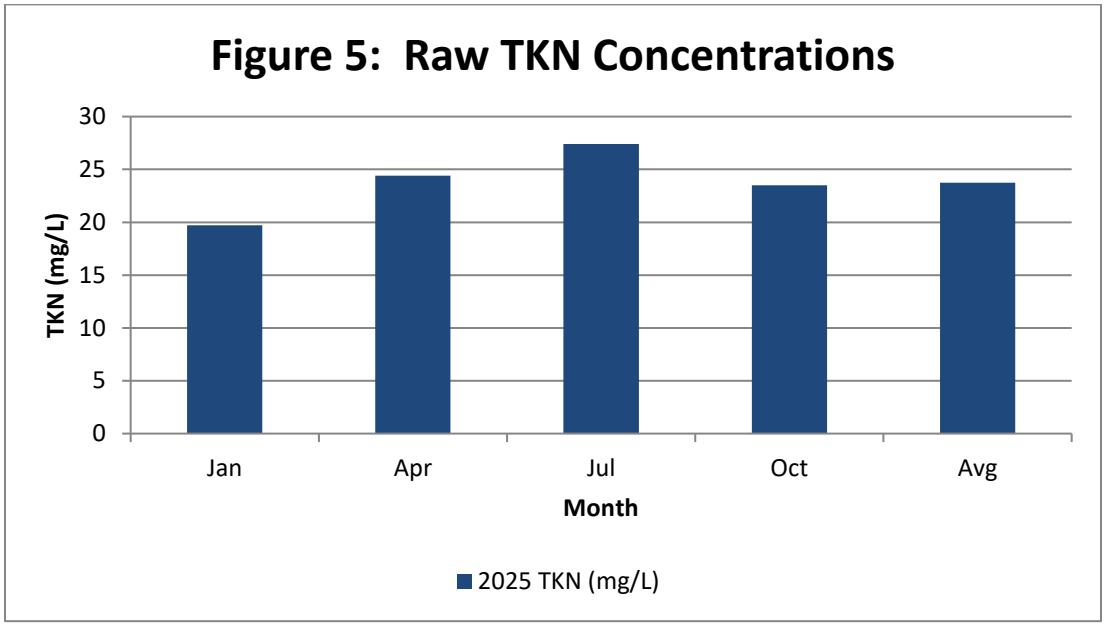
In 2025, the average raw TP concentration was 3.15 mg/L, compared to 2.26 mg/L reported by the previous operating authority in 2024, representing a significant increase. Refer to Figure 4 for the 2025 monthly raw TP concentrations.

Figure 4: *Raw TP Concentrations*



In 2025, the average raw TKN concentration was 23.75 mg/L, compared to 21.53 mg/L reported by the previous operating authority in 2024, representing a 10% increase. Refer to Figure 5 for the 2025 monthly raw TKN concentrations.

Figure 5: *Raw TKN Concentrations*



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Effluent Monitoring

The lagoon effluent is permitted for year-round discharge in accordance with the ECA. Groundwater monitoring samples are collected weekly as grab samples and are analyzed for $CBOD_5$, TSS, TP, TAN, unionized ammonia, E. coli, pH, and temperature. For details regarding objective and limit exceedances, refer to the Summary of Efforts Made to Achieve Design Objectives.

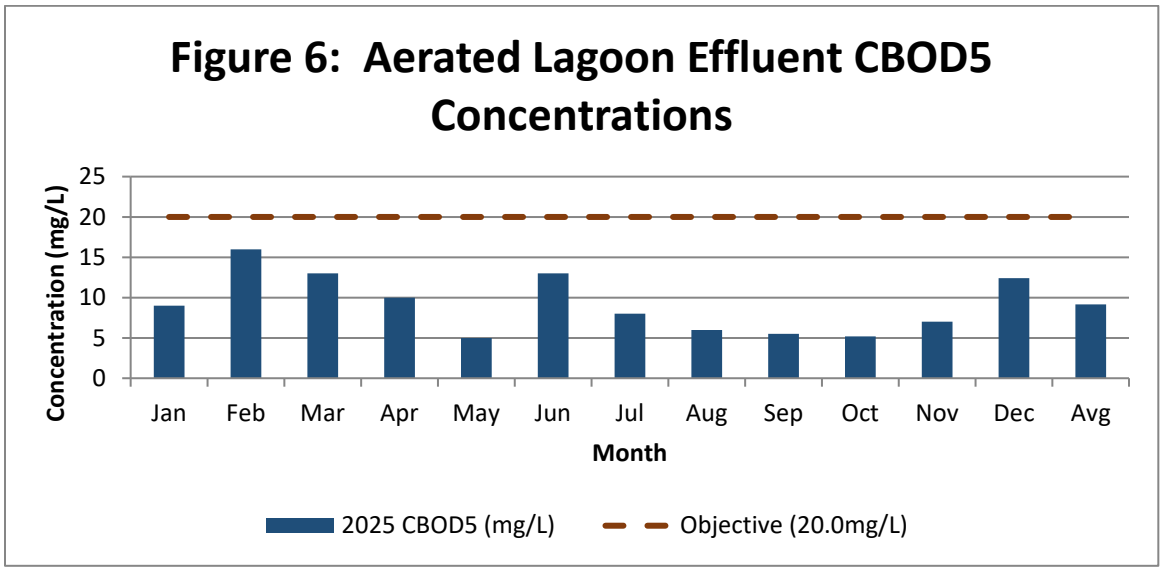
Aerated lagoon effluent samples are collected monthly as grab samples and are analyzed for $CBOD_5$, TSS, TP, TAN, unionized ammonia, E. coli, pH, and temperature. While the aerated lagoon effluent is not subject to limits, it does have design objectives that must be met using best efforts. For details regarding objective exceedances, refer to the Summary of Efforts Made to Achieve Design Objectives.

Additional aerated lagoon samples have been required by the Ministry of Environment, Conservation and Parks (MECP) during the ongoing bypass of the rapid infiltration basins (RIBs). The RIBs have been bypassing since September 22, 2025 due to the system's inability to adequately filter the effluent. During this bypass period, weekly aerated lagoon effluent samples must be collected and analyzed for the same parameters outlined in the ECA. For further details on this active bypass, refer to the Bypass, Overflows, Spills and Abnormal Discharge Events section.

Comparison to Compliance Limits and Objectives – Aerated Lagoon Effluent

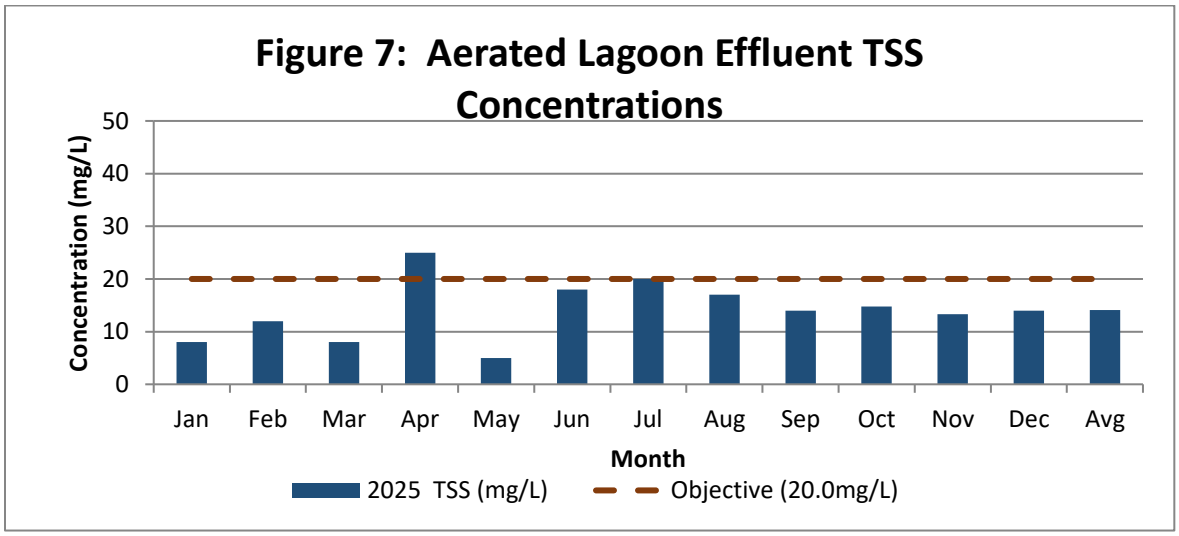
In 2025, the average monthly aerated effluent $CBOD_5$ concentration was 9.17 mg/L, compared to 6.91 mg/L reported by the previous operating authority in 2024, representing a 33% increase. This increase is attributed to the additional sampling required beginning in September, which raised the overall yearly average. All monthly averages remained within the ECA objective during the reporting period. Refer to Figure 6 for the 2025 monthly aerated effluent $CBOD_5$ concentrations.

Figure 6: *Aerated Effluent $CBOD_5$ Concentrations*



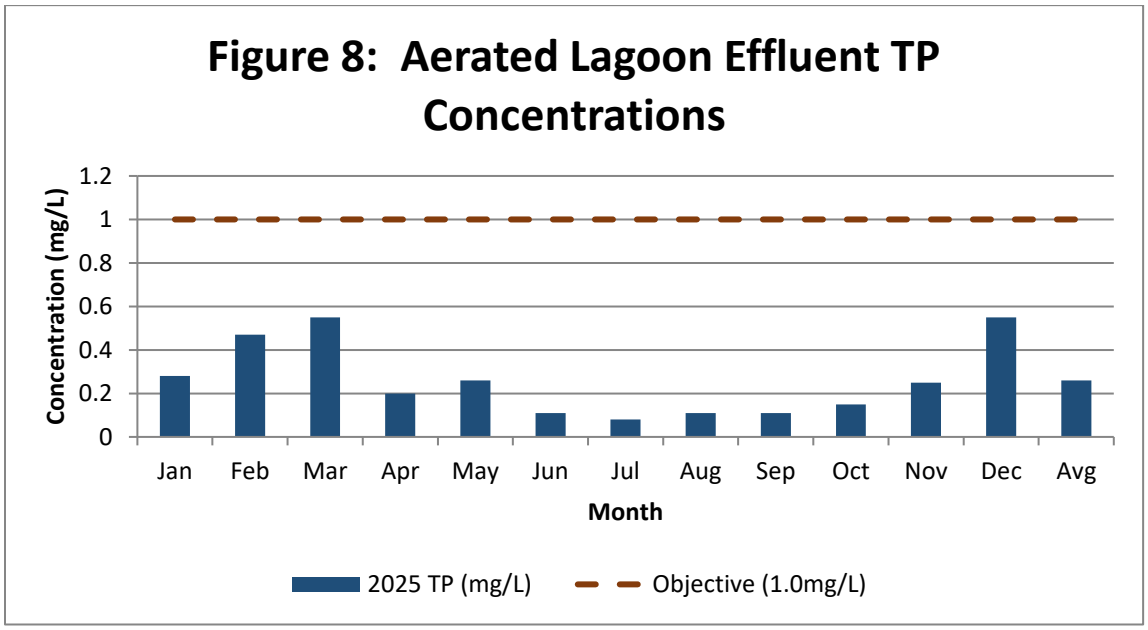
In 2025, the average monthly aerated effluent TSS concentration was 14.09 mg/L, compared to 12.59 mg/L reported by the previous operating authority in 2024, representing a 12% increase. This increase is attributed to the objective exceedance in April, which occurred due to heavy rainfall and snowmelt increasing influent flows and reducing the available settling time in the aerated lagoon cell. All monthly averages, with the exception of April remained within the ECA objective during the reporting period. Refer to Figure 6 for the 2025 monthly aerated effluent TSS concentrations.

Figure 7: *Aerated Effluent TSS Concentrations*



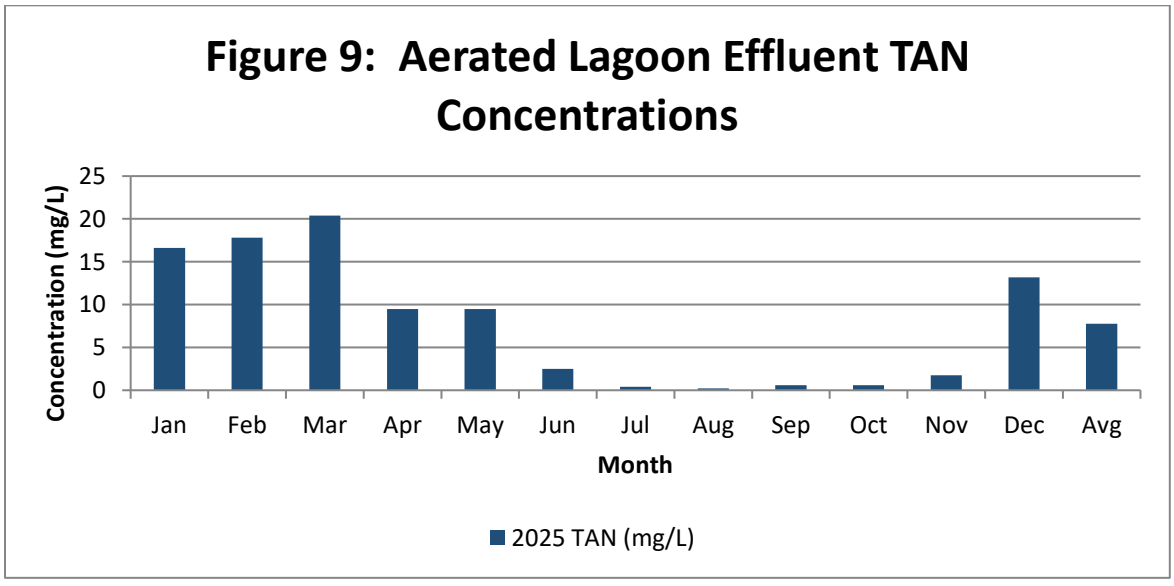
In 2025, the average monthly aerated effluent TP concentration was 0.26 mg/L, compared to 0.16 mg/L reported by the previous operating authority in 2024, representing a 62% increase. This increase is attributed to the additional sampling required beginning in September, which raised the overall yearly average. All monthly averages remained within the ECA objective during the reporting period. Refer to Figure 6 for the 2025 monthly aerated effluent TP concentrations

Figure 8: *Aerated Effluent TP Concentrations*



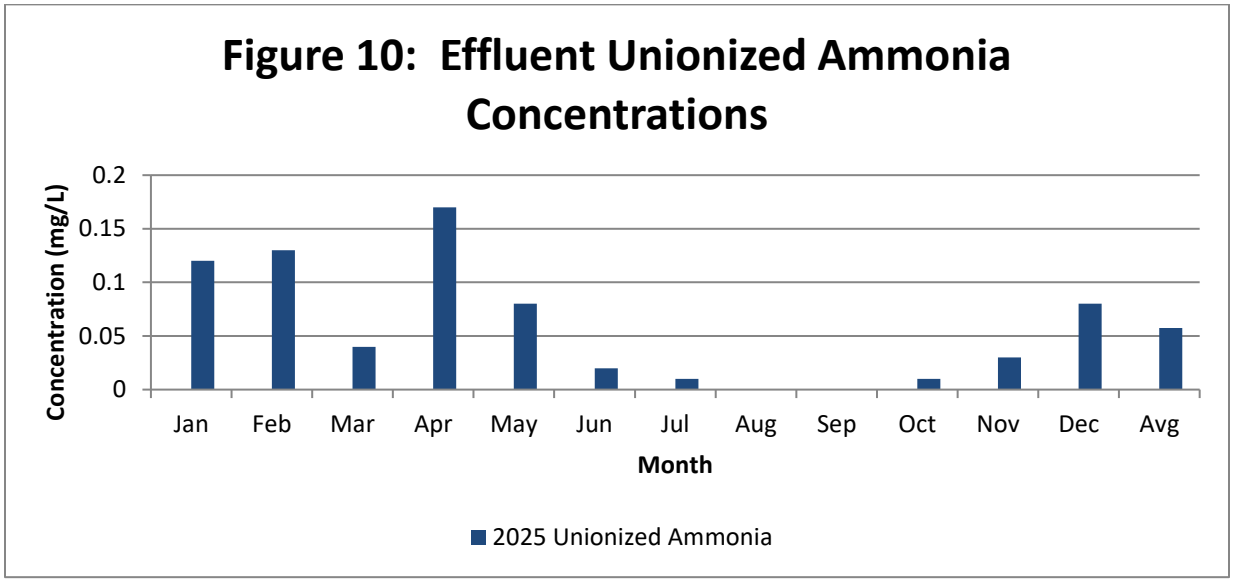
In 2025, the average monthly aerated effluent TAN concentration was 7.75 mg/L, compared to 9.95 mg/L reported by the previous operating authority in 2024, representing a 22% decrease. There is no objective outlined in the ECA for this parameter. Refer to Figure 9 for the 2025 monthly aerated effluent TAN concentrations

Figure 9*: Aerated Effluent TAN Concentrations*



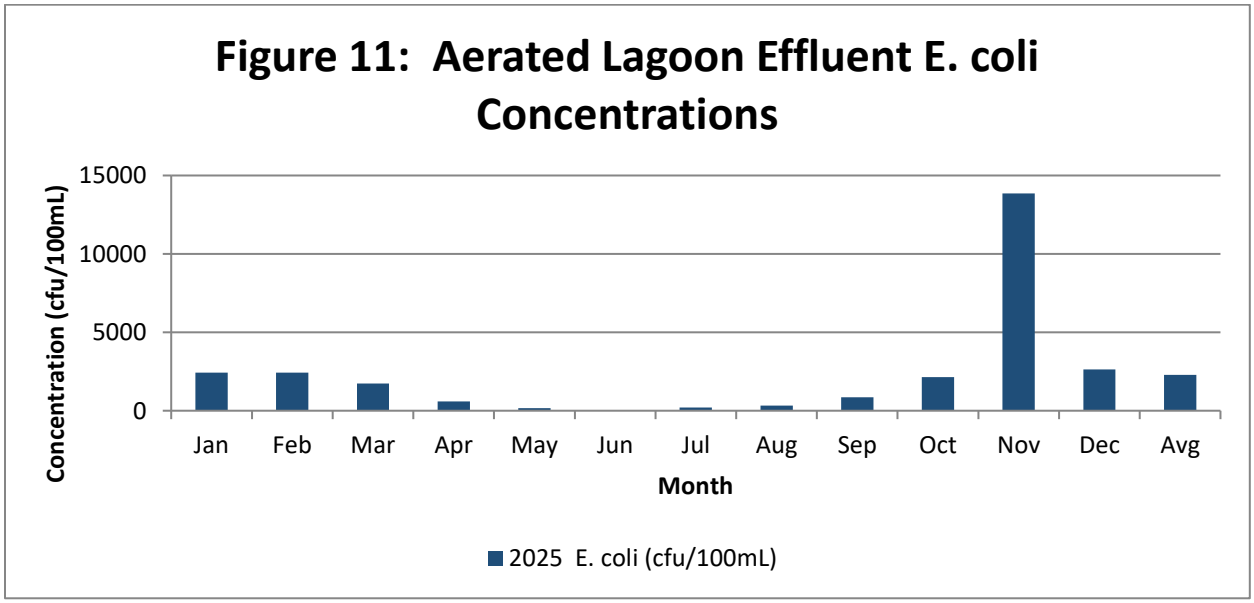
In 2025, the average monthly aerated effluent Unionized Ammonia concentration was 0.05 mg/L compared to 0.1 mg/L in 2024. There is no objective outlined in the ECA for this parameter. Refer to Figure 10 for the 2025 monthly aerated effluent Unionized Ammonia concentrations.

Figure 10: *Aerated Effluent Unionized Ammonia Concentrations*



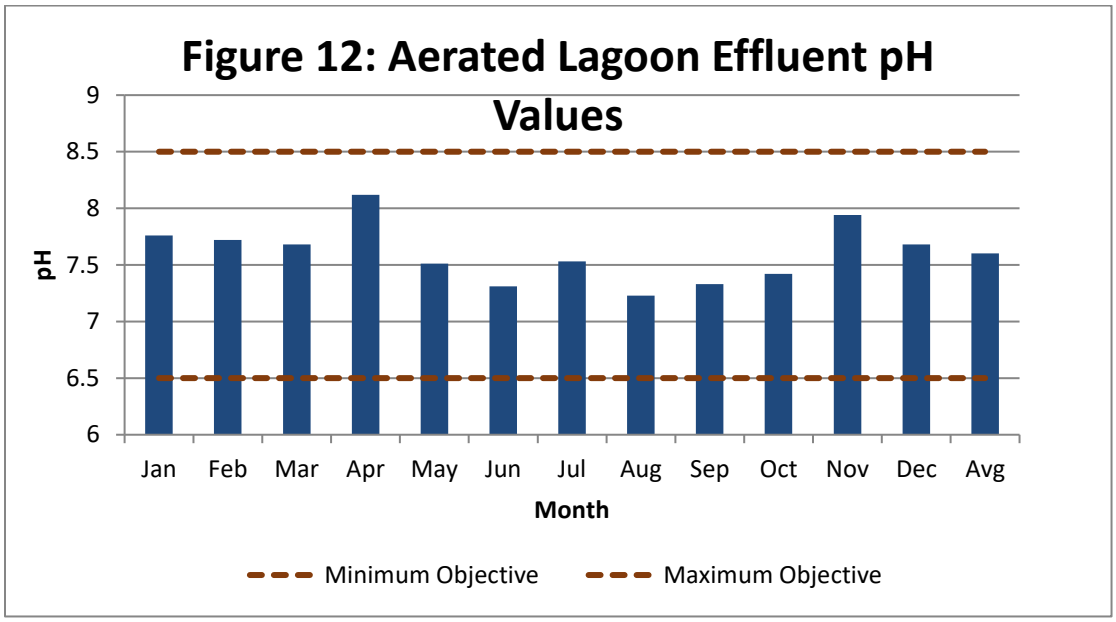
In 2025, the average monthly aerated effluent E. coli concentration (geomean) was 2,275.42 cfu/100 mL, compared to 939.25 cfu/100 mL reported by the previous operating authority in 2024, representing a significant increase. This increase is attributed to the additional sampling requirements beginning in September as well as the elevated E. coli results observed in November. There is no objective outlined in the ECA for this parameter. Refer to Figure 11 for the 2025 monthly aerated effluent E. coli concentrations.

Figure 11: *Aerated Effluent E. coli Concentrations*



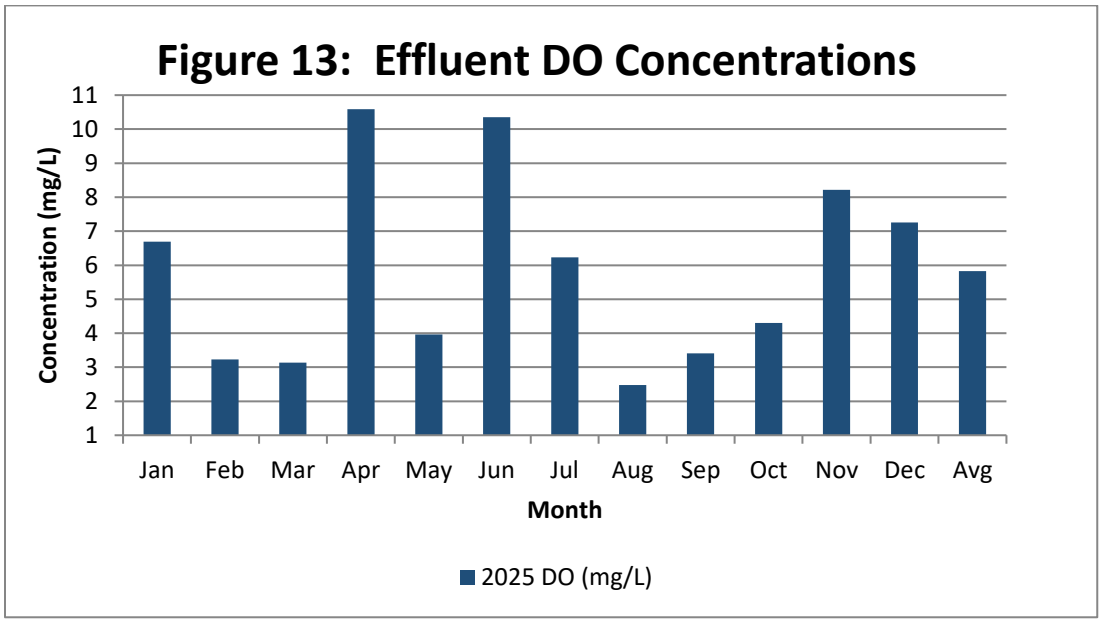
In 2025, the aerated effluent pH values ranged from 7.23 to 8.12, remaining within the established objectives throughout the reporting period. Refer to Figure 12 for the 2025 monthly effluent pH values in comparison to the applicable objectives.

Figure 12: *Aerated Effluent pH Values*



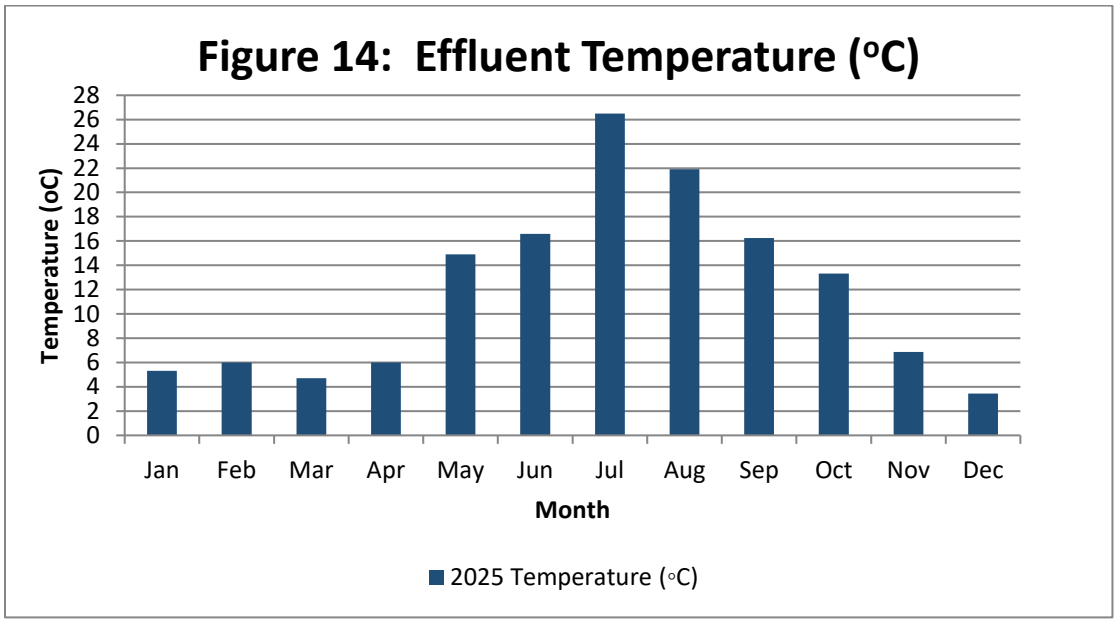
In 2025, the aerated effluent dissolved oxygen (DO) concentrations ranged from 2.48 to 10.59 mg/L. There are no DO objectives or limits specified in the ECA for this parameter. Refer to Figure 13 for the 2025 monthly effluent DO values.

Figure 23: *Aerated Effluent DO Concentrations*



In 2025, the aerated effluent temperature ranged from 3.4 °C to 26.5 °C. There are no temperature objectives or limits specified in the ECA for this parameter. Refer to Figure 14 for the 2025 monthly aerated effluent temperature values.

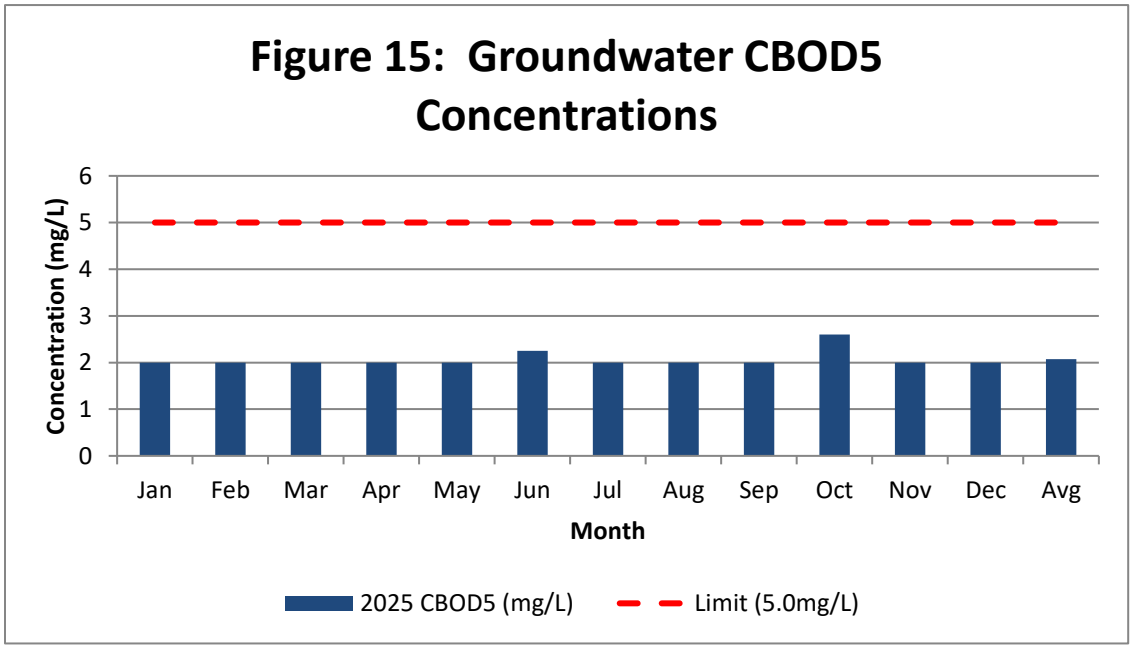
Figure 14*: Aerated Effluent Temperatures*



Comparison to Compliance Limits and Objectives – Groundwater Seepage to Swale

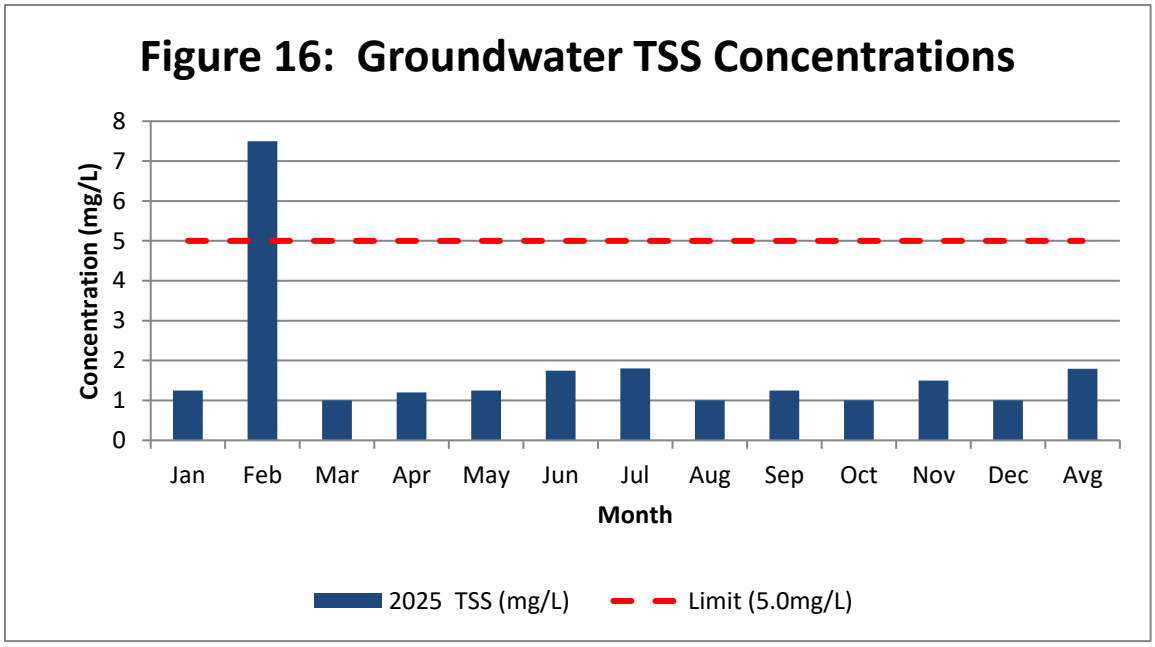
In 2025, the average monthly Groundwater Seepage to Swale (GWSS) $CBOD_5$ concentration was 2.07 mg/L, compared to 2.03 mg/L reported by the previous operating authority in 2024. All monthly averages remained within the ECA limits during the reporting period. Refer to Figure 15 for the 2025 monthly GWSS $CBOD_5$ concentrations.

Figure 15*: GWSS CBOD^5 Concentrations*



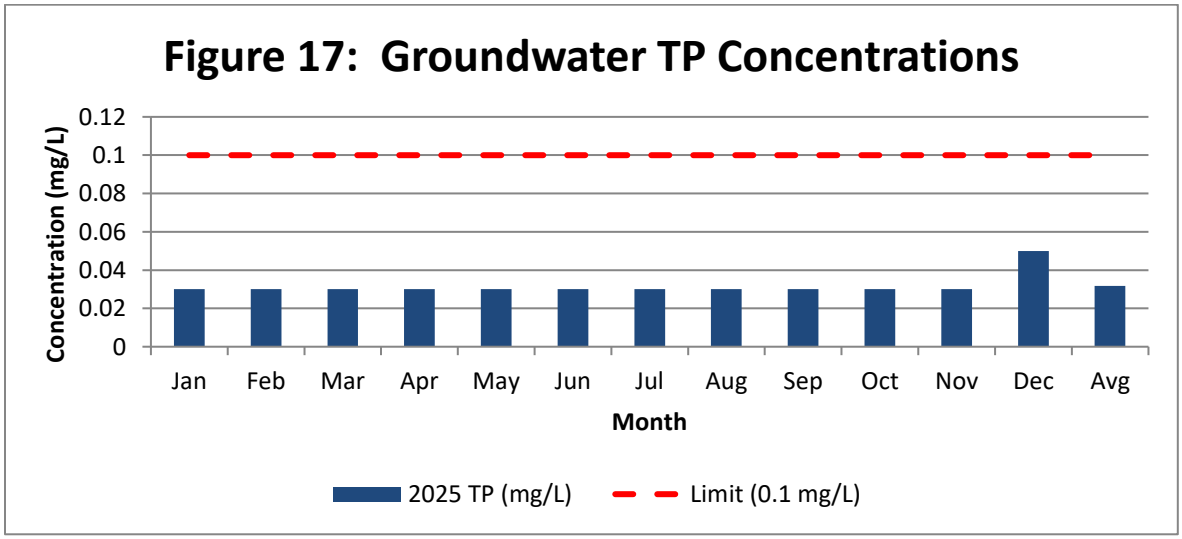
In 2025, the average monthly GWSS TSS concentration was 1.79 mg/L, compared to 1.26 mg/L reported by the previous operating authority in 2024. All monthly averages remained within the ECA limits, with the exception of February, which reported an average concentration of 7.5 mg/L. This exceedance was attributed to improper sampling practices that resulted in particulate material from the outlet being captured in the sample, skewing the results. Refer to Figure 16 for the 2025 monthly GWSS TSS concentrations.

Figure 16*: GWSS TSS Concentrations*



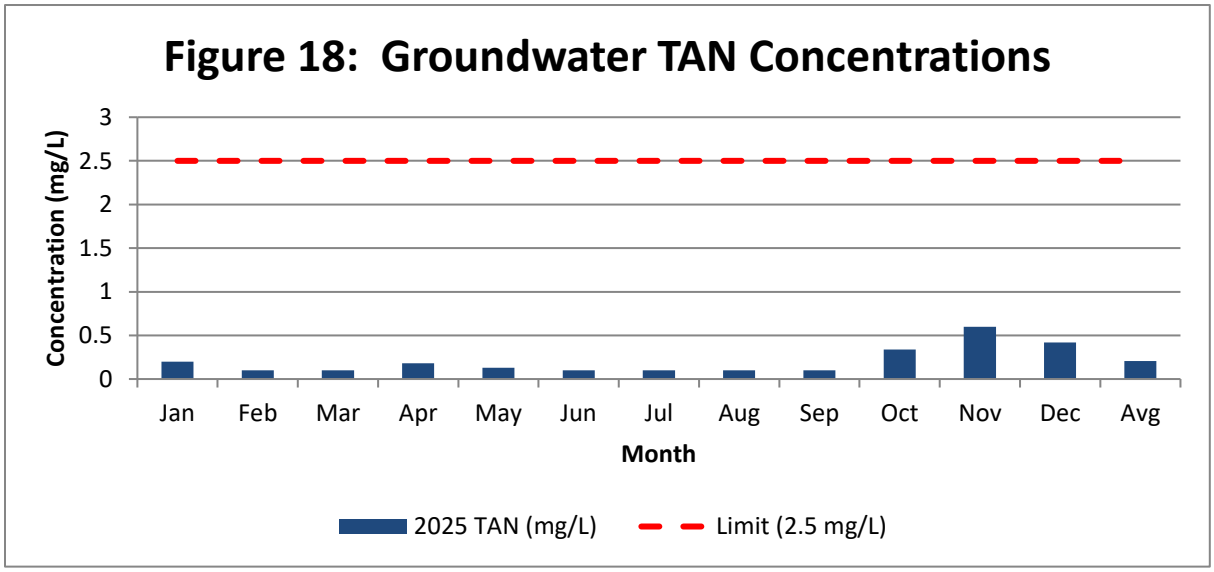
In 2025, the average monthly GWSS TP concentration was 0.03 mg/L, which is consistent with the value reported by the previous operating authority in 2024. All monthly averages remained within the ECA limits during the reporting period. Refer to Figure 17 for the 2025 monthly GWSS TP concentrations.

Figure 17*: GWSS TP Concentrations*



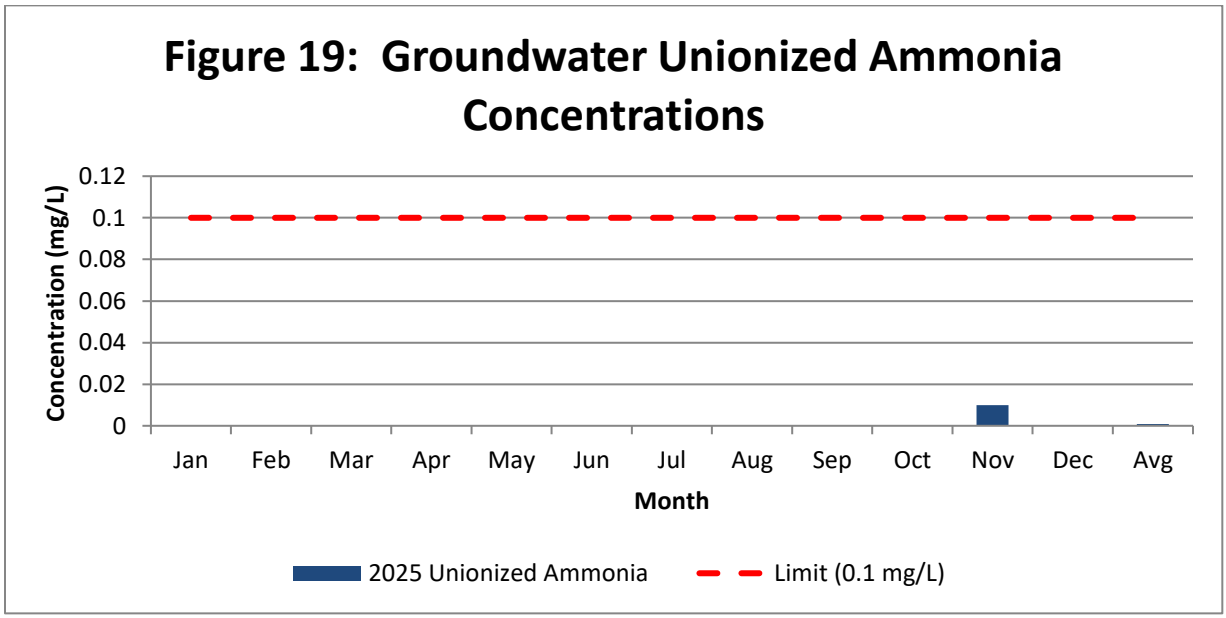
In 2025, the average monthly GWSS TAN concentration was 0.21 mg/L, compared to 0.43 reported by the previous operating authority in 2024, representing a 52% decrease. All monthly averages remained within the ECA limits during the reporting period. Refer to Figure 18 for the 2025 monthly GWSS TAN concentrations.

Figure 18*: GWSS TAN Concentrations*



In 2025, the average monthly GWSS Unionized Ammonia concentration was 0.001 mg/L compared to 0.012 mg/L in 2024, representing significant decrease. All monthly averages remained within the ECA limits during the reporting period. Refer to Figure 19 for the 2025 monthly GWSS Unionized Ammonia concentrations.

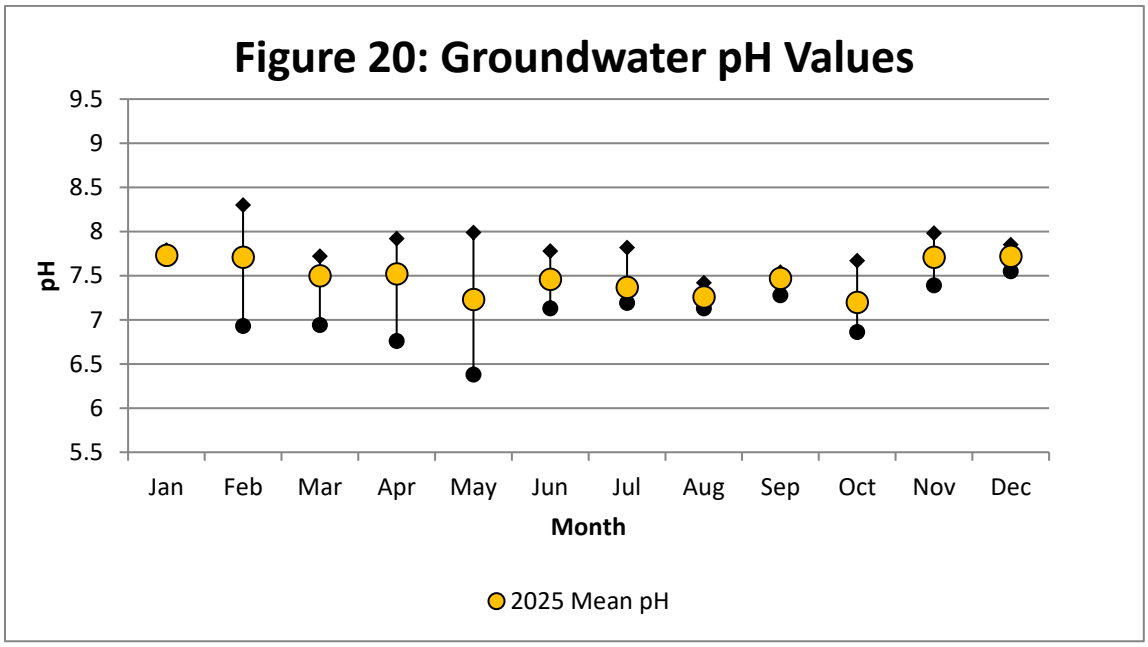
Figure 19*: GWSS Unionized Ammonia Concentrations*



In 2025, the average monthly GWSS E. coli concentration (geomean) was 0.05 cfu/100 mL, compared to 0.08 cfu/100 mL reported by the previous operating authority in 2024, representing a 40% decrease. All monthly averages remained within the ECA limits during the reporting period. Refer to Appendix A for a summary of all monitoring data.

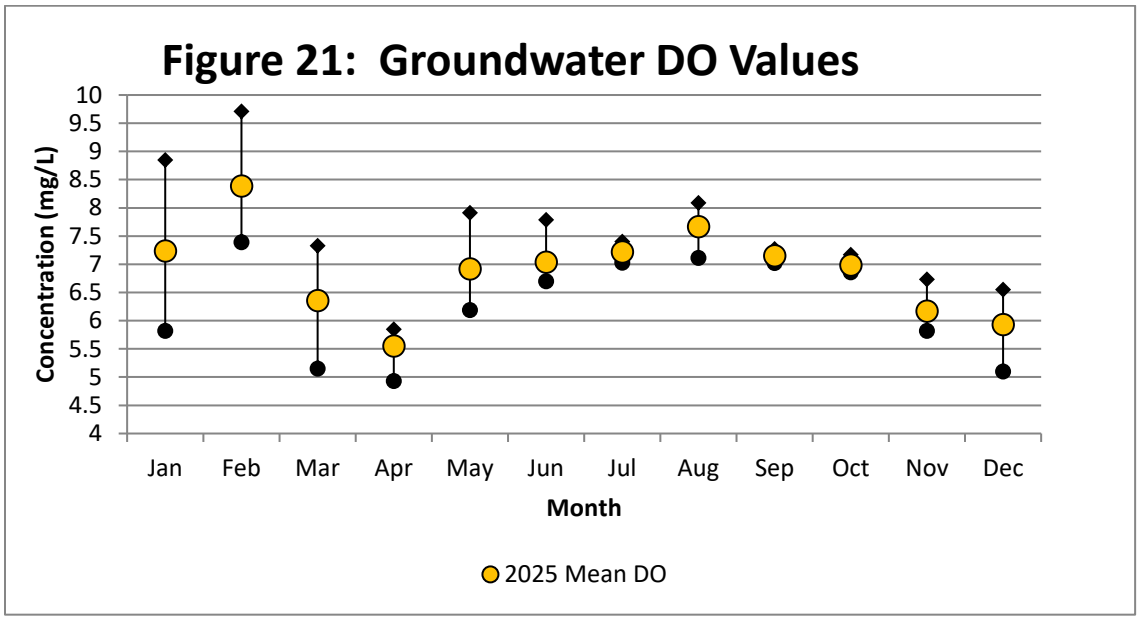
In 2025, the GWSS pH values ranged from 6.38 to 8.3. There are no limits outlined in the ECA for this parameter. Refer to Figure 20 for the 2025 monthly GWSS pH values.

Figure 20*: GWSS pH Values*



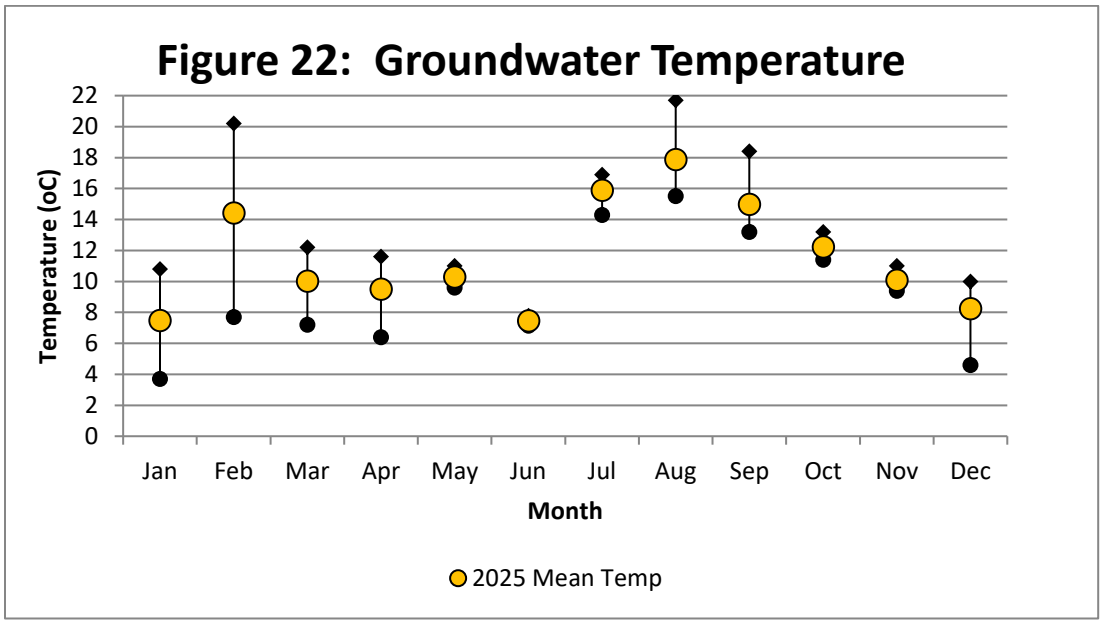
In 2025, the GWSS DO values ranged from 4.93 to 9.71, there are no limits outlined in the ECA for this parameter. Refer to Figure 21 for the 2025 monthly GWSS DO values

Figure 21*: GWSS DO Values*



In 2025, the GWSS temperature values ranged from 3.7 to 21.7, there are no limits outlined in the ECA for this parameter. Refer to Figure 22 for the 2025 monthly GWSS temperature values.

Figure 22*: GWSS Temperature Values*



Operating Problems and Corrective Actions

In 2025, operating issues were experienced at the Lucknow Lagoon. The site is equipped with six Rapid Infiltration Basins (RIBs) that filter aerated lagoon effluent into the ground to recharge the groundwater supply. In early September, staff observed that the RIBs were pooling and no longer effectively infiltrating the effluent. As a result, permission was granted on September 22 to divert the aerated lagoon flows to the emergency storage lagoon until maintenance could be completed on all six RIBs. The bypass remains in effect, as maintenance cannot be initiated until warmer weather. Planned work includes excavating each RIB to a depth where compacted particulate is no longer present and replacing the substrate to restore proper infiltration performance. Additional details regarding the ongoing bypass can be found in the "Bypass, Overflows, Spills and Abnormal Discharge Events" section.

Capital and major maintenance recommendations were submitted by OCWA to the Township of Huron-Kinloss to address aging infrastructure and ongoing maintenance requirements for the collection system and Sewage Treatment Facility to continue to produce high quality effluent. Items on the list for 2026 include:

- Lucknow Lagoon – MCC Panel Upgrades
- Lucknow Lagoon – Aeration Motor Inspections
- Lucknow Lagoon – Alum Pump Replacement
- Lucknow Lagoon – RIB Maintenance
- Lucknow Lagoon – Filter Bed Selector Maintenance
- Lucknow SPS – Generator Replace/Rebuild
- Lucknow SPS – Float Replacement

Maintenance Activities

Preventative and corrective maintenance is assigned and monitored within the Workplace Management System (WMS) program. Refer to Appendix B for the 2025 maintenance summary. Refer to Table 6 for a list of repairs and replacements that took place in 2025.

Table 1: *Major Maintenance in 2025*

Major Maintenance Wastewater
Annual Calibrations of Flowmeters and Miltronics
Annual Generator Inspections
Bi-annual SPS Cleanout – Fall
Bi-annual SPS Cleanout - Spring
Breaker repair for Lucknow SPS Generator
SPS pump 1 pulled for repair

Effluent Quality Assurance

Effluent quality assurance is evaluated by monitoring parameters and changes in the lagoons. Operational staff monitor plant performance by conducting in-house tests on dissolved oxygen, pH, and temperature. Staff also monitor and record chemical dosages and any adverse observations in the lagoon cells. Data collected from these tests provide valuable information to the operators to make the appropriate adjustments in the treatment process and take corrective actions before the plant reaches its effluent limits.

Calibration Records

Pierce Services and Solutions Inc. calibrated the influent flow meter and level transmitters on June 3, 2025. Flow meters met the accuracy tolerance of being within 15% of the actual flow rate. Operational staff complete routine pH meter calibrations and verifications based on manufacturers instructions. Refer to Appendix C for 2025 Calibration Records.

Summary of Efforts Made to Achieve Design Objectives

Groundwater Seepage to Swale design limits were met more than 91% of the time in 2025. Although the annual average influent flow exceeded 93% of the rated capacity, this did not contribute to the effluent non-compliance. The single limit exceedance occurred in February 2025 for Total Suspended Solids (TSS) and was reported to the MECP as required. The exceedance was attributed to improper sampling practices, during which particulate material from the outlet was inadvertently captured, skewing the analytical results. All other parameters remained within the limits specified in the ECA. Refer to Table 2 for a summary of limit exceedances for 2025.

Table 2: *Summary of Objective and Limit Exceedances*

Month	Parameter	Concentraction (mg/L)	Limit (mg/L)	Issue
February	TSS	7.5	5	Improper sampling practices

Sludge Generation

Sludge accumulates on the bottom of the aerated cells over time. The estimated sludge generation for 2025 was 143m3, and no sludge was removed during the year. For 2026, sludge accumulation is estimated to be approximately 150m3.

Complaints

There were no complaints received for the Lucknow Sewage Treatment Facility or WWC system in 2025.

Bypass, Overflows, Spills and Abnormal Discharge Events

In 2025, two spill events occurred at the Lucknow Sewage Treatment Facility. In January, a gate valve at the Lucknow Lagoon froze, causing the effluent chamber to fill and overflow through a conduit opening.

Approximately 9 m³ of effluent was released onto the lagoon's gravel roadway. This spill was reported to the MECP Spills Action Centre (SAC), Ref. #1-G582FH.

In March, a second spill occurred when Cell 1 of the Lucknow Lagoon overtopped due to rain and snowmelt conditions. Approximately 2,300 m³ of sewage flowed over the lagoon berms. This event was reported to the MECP SAC, Ref. #1-J2IY9S.

In 2025, aerated lagoon effluent was required to bypass the Rapid Infiltration Beds (RIBs) and be directed to the emergency storage lagoon due to the RIBs no longer effectively filtering the effluent. The Ministry of the Environment, Conservation and Parks (MECP) approved this bypass with the condition that additional monitoring be conducted, requiring aerated effluent samples to be collected weekly instead of monthly. The bypass began on September 22, 2025, and remains ongoing. From the start of the bypass to the end of this reporting period, an estimated 56,987 m³ of treated effluent has been diverted to the emergency storage lagoon. The bypass will continue until Spring 2026, when conditions allow for excavation of each RIB and replacement of the substrate to restore proper functionality. This bypass has had no impact on Groundwater Seepage to Swale (GWSS) results.

Notice of Modification to the Works/Alterations to the Authorized System

There were no 'Notice of Modification to Sewage Works' forms completed in 2025.

No alterations were completed in the collection system which would have posed any significant threat to the drinking water systems in 2025.

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

The Lucknow Sewage Treatment Facility secondary and post-secondary treatment is provided by three aerated lagoon cells and six infiltration basins. Supplementary phosphorus removal is also achieved with the addition of alum. The treatment components are capable of producing effluent quality that exceeds the effluent design objectives specified in Procedure F-5-1. The Lucknow WWTP is required to achieve higher effluent quality standards than the effluent guideline criteria as specified in the ECA.

There were no bypasses or overflow events in the sanitary system in 2025. There are no projects at this time planned in the sanitary sewer system.

There is one designed overflow within the collection system for the protection against basement flooding, damage to equipment/property and prevention of treatment process wash out. No overflows or bypasses occurred in the collection system in 2025. In 2026, pump rebuilds or replacements in the sewage pumping station has been recommended. These recommendations assist in reducing or eliminating future overflows, bypasses and spills.

Additional Information the Water Supervisor Requires

No additional information requests were required in 2025.

Appendix A

Monitoring Data

Customized Monthly Report

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

Facility Name: LUCKNOW WASTEWATER TREATMENT AND COLLECTION
Receiver:

Facility Org Number: 6063
Facility Owner:
Service Population:

Works: 110002764
Facility Classification:
Total Design Capacity:

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Effluent-Cell 3 Aerated Lagoon	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	2025 Total	2025 Avg	2025 Max	2025 Min
Carbonaceous Biochemical Oxygen Demand: CBOD5 - mg/L																
Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Month.Max	9.00	16.00	13.00	10.00	5.00	13.00	8.00	6.00	7.00	6.00	10.00	14.00			16.00	
Lab Month.Mean	9.00	16.00	13.00	10.00	5.00	13.00	8.00	6.00	5.50	5.20	7.00	12.40		8.63		
Lab Month.Min	9.00	16.00	13.00	10.00	5.00	13.00	8.00	6.00	4.00	4.00	5.00	10.00				4.00
Dissolved Oxygen: DO - mg/L																
IH Edited Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	23.00			
IH Month.Max	6.69	3.23	3.14	10.59	3.96	10.35	6.23	2.48	3.44	5.16	9.31	8.26			10.59	
IH Month.Mean	6.69	3.23	3.14	10.59	3.96	10.35	6.23	2.48	3.41	4.30	8.22	7.26		6.13		
IH Month.Min	6.69	3.23	3.14	10.59	3.96	10.35	6.23	2.48	3.37	2.67	7.28	5.49				2.48
E.Coli MPN - MPN																
Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
GMD	2420.00	2420.00	1725.00	583.00	156.00	10.00	194.00	323.00	849.54	2138.93	13858.08	2629.36				
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Month.Max	2420.00	> 2420.00	1725.00	583.00	156.00	10.00	194.00	323.00	1317.00	10462.00	> 24200.00	10462.00			> 24200.00	
Lab Month.Mean	2420.00	> 2420.00	1725.00	583.00	156.00	10.00	194.00	323.00	932.50	3778.40	> 16082.50	4042.60		> 4713.79		
Lab Month.Min	2420.00	> 2420.00	1725.00	583.00	156.00	10.00	194.00	323.00	548.00	457.00	7270.00	435.00				10.00
Un-ionized Ammonia: NH3 - mg/L																
Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	23.00			
IH Edited Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	23.00			
IH Month.Max	0.12	0.13	0.12	0.17	0.08	0.02	0.01	0.00	0.00	0.01	0.07	0.15			0.17	
IH Month.Mean	0.12	0.13	0.12	0.17	0.08	0.02	0.01	0.00	0.00	0.00	0.03	0.08		0.05		
IH Month.Min	0.12	0.13	0.12	0.17	0.08	0.02	0.01	0.00	0.00	0.00	0.01	0.03				0.00
Lab Count	0.00								2.00	5.00	4.00	5.00	16.00			
Lab Month.Max									0.00	0.01	0.07	0.15			0.15	
Lab Month.Mean									0.00	0.00	0.03	0.08		0.03		
Lab Month.Min									0.00	0.00	0.01	0.03				0.00
Total Ammonia Nitrogen: NH3 + NH4+ as N - mg/L																
Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Month.Max	16.60	17.80	20.40	9.50	9.50	2.50	0.40	0.20	0.90	0.80	3.90	17.80			20.40	
Lab Month.Mean	16.60	17.80	20.40	9.50	9.50	2.50	0.40	0.20	0.60	0.58	1.75	13.18		6.41		
Lab Month.Min	16.60	17.80	20.40	9.50	9.50	2.50	0.40	0.20	0.30	0.40	0.40	6.90				0.20
pH Field: Lab Upload - ---																
Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
IH Edited Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			

IH Month.Max	7.76	7.72	7.68	8.12	7.51	7.31	7.53	7.23	7.62	7.87	8.17	8.08			8.17	
IH Month.Mean	7.76	7.72	7.68	8.12	7.51	7.31	7.53	7.23	7.33	7.42	7.94	7.68		7.62		
IH Month.Min	7.76	7.72	7.68	8.12	7.51	7.31	7.53	7.23	7.04	7.08	7.68	7.38				7.04
Temperature Field: Lab Upload - °C																
IH Edited Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
IH Month.Max	5.30	6.00	4.70	6.00	14.90	16.60	26.50	21.90	19.40	14.20	9.20	6.00			26.50	
IH Month.Mean	5.30	6.00	4.70	6.00	14.90	16.60	26.50	21.90	16.25	13.32	6.88	3.44		10.24		
IH Month.Min	5.30	6.00	4.70	6.00	14.90	16.60	26.50	21.90	13.10	11.70	5.40	1.40				1.40
Total Phosphorus: TP - mg/L																
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Month.Max	0.28	0.47	0.55	0.20	0.26	0.11	0.08	0.11	0.11	0.18	0.28	0.70			0.70	
Lab Month.Mean	0.28	0.47	0.55	0.20	0.26	0.11	0.08	0.11	0.11	0.15	0.25	0.56		0.28		
Lab Month.Min	0.28	0.47	0.55	0.20	0.26	0.11	0.08	0.11	0.11	0.12	0.20	0.36				0.08
Total Suspended Solids: TSS - mg/L																
Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	4.00	5.00	24.00			
Lab Month.Max	8.00	12.00	8.00	25.00	5.00	18.00	22.00	17.00	15.00	19.00	15.00	14.00			25.00	
Lab Month.Mean	8.00	12.00	8.00	25.00	5.00	18.00	22.00	17.00	14.00	14.80	13.50	14.00		14.21		
Lab Month.Min	8.00	12.00	8.00	25.00	5.00	18.00	22.00	17.00	13.00	11.00	12.00	14.00				5.00

													2025			
Raw - Influent	**Jan 2025**	**Feb 2025**	**Mar 2025**	**Apr 2025**	**May 2025**	**Jun 2025**	**Jul 2025**	**Aug 2025**	**Sep 2025**	**Oct 2025**	**Nov 2025**	**Dec 2025**	**Total**	**Avg**	**Max**	**Min**
Biochemical Oxygen Demand: BOD5 - mg/L																
Count	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	4.00			
Lab Count	1.00			1.00			1.00			1.00			4.00			
Lab Month.Max	242.00			144.00			215.00			224.00					242.00	
Lab Month.Mean	242.00			144.00			215.00			224.00				206.25		
Lab Month.Min	242.00			144.00			215.00			224.00						144.00
Coagulant Volume - L																
IH Edited Count	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			
IH Month.Max	56.00	35.28	56.00	56.00	0.18	0.16	0.18	0.25	0.25	42.00	42.00	42.00			56.00	
IH Month.Mean	35.68	27.25	28.45	28.90	0.13	0.11	0.13	0.16	0.15	24.72	35.00	31.16		17.59		
IH Month.Min	20.16	14.00	14.00	13.90	0.08	0.08	0.06	0.10	0.08	13.40	28.00	21.00				0.06
IH Month.Total	1106.00	763.00	882.00	867.00	3.88	3.44	3.96	5.00	4.45	766.20	1050.00	966.00	6420.93			
Flow - m^3/d																
IH Edited Count	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			
IH Month.Max	1244.00	611.70	2028.70	1722.00	589.00	650.19	485.38	455.96	475.00	687.40	540.08	1476.04			2028.70	
IH Month.Mean	633.92	523.17	1166.45	909.69	520.53	499.46	450.19	424.87	441.88	490.13	511.62	758.72		611.83		
IH Month.Min	508.00	483.00	611.70	578.00	486.00	452.84	412.40	381.26	416.00	415.80	494.30	517.70				381.26
IH Month.Total	19651.50	14648.70	36159.90	27290.80	16136.30	14983.77	13955.91	13170.93	13256.30	15194.12	15348.45	23520.28	223316.96			

Total Kjeldahl Nitrogen: TKN - mg/L																
Count	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	4.00			
Lab Count	1.00			1.00			1.00			1.00			4.00			
Lab Month.Max	19.70			24.40			27.40			23.50					27.40	
Lab Month.Mean	19.70			24.40			27.40			23.50				23.75		
Lab Month.Min	19.70			24.40			27.40			23.50						19.70
Total Phosphorus: TP - mg/L																
Lab Count	1.00			1.00			1.00			1.00			4.00			
Lab Month.Max	2.88			2.67			4.17			2.90					4.17	
Lab Month.Mean	2.88			2.67			4.17			2.90				3.16		
Lab Month.Min	2.88			2.67			4.17			2.90						2.67
Total Suspended Solids: TSS - mg/L																
Count	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	4.00			
Lab Count	1.00			1.00			1.00			1.00			4.00			
Lab Month.Max	167.00			79.00			226.00			110.00					226.00	
Lab Month.Mean	167.00			79.00			226.00			110.00				145.50		
Lab Month.Min	167.00			79.00			226.00			110.00						79.00

													2025			
Groundwater Seepage to Swale	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Total	Avg	Max	Min
Carbonaceous Biochemical Oxygen Demand: CBOD5 - mg/L																
Lab Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
Lab Month.Max	45687.00	< 2.00	< 2.00	< 2.00	< 2.00	3.00	< 2.00	< 2.00	2.00	5.00	< 2.00	< 2.00			45687.00	
Lab Month.Mean	< 11423.25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.25	< 2.00	< 2.00	< 2.00	< 2.60	< 2.00	< 2.00		< 880.63		
Lab Month.Min	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00				< 2.00
Dissolved Oxygen: DO - mg/L																
IH Edited Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
IH Month.Max	8.85	9.71	7.33	5.85	7.91	7.79	7.40	8.09	7.27	7.17	6.73	6.55			9.71	
IH Month.Mean	7.24	8.39	6.36	5.55	6.92	7.04	7.22	7.67	7.15	6.99	6.17	5.93		6.85		
IH Month.Min	5.82	7.39	5.15	4.93	6.19	6.70	7.03	7.11	7.02	6.86	5.82	5.10				4.93
E.Coli MPN - MPN																
Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
GMD	1.00	1.00	1.00	1.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Lab Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
Lab Month.Max	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			3.00	
Lab Month.Mean	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.06		
Lab Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Un-ionized Ammonia: NH3 - mg/L																
Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
IH Edited Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			

IH Month.Max	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01			0.01	
IH Month.Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00		0.00		
IH Month.Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
Lab Count	0.00						1.00		4.00	5.00	4.00	5.00	19.00			
Lab Month.Max							< 0.00		0.00	0.01	0.01	0.01			0.01	
Lab Month.Mean							< 0.00		< 0.00	< 0.00	0.01	0.00		< 0.00		
Lab Month.Min							< 0.00		< 0.00	< 0.00	0.00	0.00				< 0.00
Total Ammonia Nitrogen: NH3 + NH4+ as N - mg/L																
Lab Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
Lab Month.Max	0.30	0.10	0.10	0.30	0.20	< 0.10	< 0.10	< 0.10	0.10	0.50	0.70	0.50			0.70	
Lab Month.Mean	0.20	< 0.10	< 0.10	< 0.18	0.13	< 0.10	< 0.10	< 0.10	< 0.10	0.34	0.60	0.42		< 0.21		
Lab Month.Min	0.10	< 0.10	< 0.10	< 0.10	0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.20	0.50	0.30				< 0.10
pH - ---																
IH Edited Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
IH Month.Max	7.78	8.30	7.72	7.92	7.99	7.78	7.82	7.42	7.54	7.67	7.98	7.85			8.30	
IH Month.Mean	7.73	7.71	7.50	7.52	7.23	7.46	7.37	7.26	7.47	7.20	7.71	7.72		7.49		
IH Month.Min	7.69	6.93	6.94	6.76	6.38	7.13	7.19	7.13	7.28	6.86	7.39	7.55				6.38
Temperature - °C																
IH Edited Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
IH Month.Max	10.80	20.20	12.20	11.60	11.00	15.70	16.90	21.70	18.40	13.20	11.00	10.00			21.70	
IH Month.Mean	7.48	14.43	10.03	9.52	10.30	12.93	15.90	17.88	15.00	12.24	10.10	8.26		11.96		
IH Month.Min	3.70	7.70	7.20	6.40	9.60	10.30	14.30	15.50	13.20	11.40	9.40	4.60				3.70
Total Phosphorus: TP - mg/L																
Lab Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
Lab Month.Max	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.09			0.09	
Lab Month.Mean	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.04		< 0.03		
Lab Month.Min	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03				< 0.03
Total Suspended Solids: TSS - mg/L																
Lab Count	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			
Lab Month.Max	< 2.00	27.00	1.00	< 2.00	2.00	2.00	3.00	1.00	< 2.00	1.00	3.00	1.00			27.00	
Lab Month.Mean	< 1.25	< 7.50	< 1.00	< 1.20	< 1.25	< 1.75	< 1.80	< 1.00	< 1.25	< 1.00	< 1.50	< 1.00		< 1.75		
Lab Month.Min	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00				< 1.00

Appendix B

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: 6063,6063-SPLU,6063-WWLU
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
4471810			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) - 6063	CLOSE	4/1/25 12:00 AM	8/20/25 12:47 PM	8/20/25 12:47 PM	-Completed within the month of April, by VH.
4471821			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) - 6063	CLOSE	4/1/25 12:00 AM	9/24/25 01:10 PM	9/24/25 01:10 PM	-Completed weekly inspections of the berm as part of operational rounds and checks for the month of April.
4471831			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) - 6063	CLOSE	4/1/25 12:00 AM	7/17/25 01:51 PM	7/17/25 01:51 PM	Generator ran on hydro outage April 2nd -
4471853	0000405398	VALVE AIR RELEASE HEADER LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Air Release Valve Header Lucknow PS Insp/Service (1y) - 6063	COMP	4/1/25 12:00 AM	1/30/26 10:52 AM	1/30/26 10:52 AM	Inspected and exercised valve - no issues noted -
4528577			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) - 6063	CLOSE	5/1/25 12:00 AM	8/20/25 12:48 PM	8/20/25 12:48 PM	-Completed within the month of May, by VH.
4528588			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) - 6063	CLOSE	5/1/25 12:00 AM	9/24/25 01:14 PM	9/24/25 01:14 PM	-Completed inspections as part of the weekly operational rounds and checks for the whole month of May.
4528598			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) - 6063	CLOSE	5/1/25 12:00 AM	7/17/25 01:53 PM	7/17/25 01:53 PM	Generator ran on hydro outage May 29th -
4528617			Lucknow Wastewtaer Treatment and Collection System	PM	Refurbish/ Replace/Repair	1	YEARS	Fan Exhaust Lucknow WWTP Route Insp/Service (1y) - 6063	CLOSE	5/1/25 12:00 AM	12/16/25 11:56 AM	12/16/25 11:56 AM	Lucknow Lagoon - Inspected exhausted fan, no issues noted Lucknow SPS - Inspected exhaust fan, no issues noted
4596956			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) - 6063	CLOSE	6/1/25 12:00 AM	9/16/25 03:18 PM	9/16/25 03:18 PM	june health and saftey -In June, health and safety checklist completed for June.

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4596967			Lucknow Wastewtaer Treatment and Collection System	PM	Refurbish/ Replace/Repair	1	YEARS	Submersible Pumps Raw Sewage Lucknow WWTS Route Insp/ Service (1y) - 6063	CLOSE	6/1/25 12:00 AM	12/16/25 02:09 PM	12/16/25 02:09 PM	Lucknow SPS Pumps -Sewage pump 1 was pulled on December 16/2025. Sewage pump 2 and Sewage pump 3 work fine, no issues noted. Lucknow Lagoon Pumps -Sewage pump 1 is currently off of the cradle and is scheduled to be fixed. Sewage pump 2 panel is missing parts. Unable to test.
4596976			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) - 6063	CLOSE	6/1/25 12:00 AM	9/24/25 01:17 PM	9/24/25 01:17 PM	-Completed inspections as part of the weekly rounds and checks, for the month of June.
4596986			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) - 6063	CLOSE	6/1/25 12:00 AM	7/17/25 01:56 PM	7/17/25 01:56 PM	Annual service completed June 16th by Sommers -
4597005			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	YEARS	Panel Alarm/Dialer Lucknow WWTP Insp/Service (1y) - 6063	CLOSE	6/1/25 12:00 AM	12/16/25 11:57 AM	12/16/25 11:57 AM	Lucknow Lagoon - No autodialler at lagoon Lucknow SPS - Inspected and tested, no issues noted
4597012	0000405418	TANK STORAGE ALUM LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Inspection	1	YEARS	Tank Storage Alum Lucknow PS Insp/Service (1y) - 6063	CLOSE	6/1/25 12:00 AM	12/16/25 11:44 AM	12/16/25 11:44 AM	Inspected Alum Tank - Inspected Alum tank, no issues noted
4597042	0000405421	PANEL CONTROL RAW SEWAGE PUMPS LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Panel Control Raw Sewage Pumps Lucknow WWTP Insp/Service (1y) - 6063	CLOSE	6/1/25 12:00 AM	12/16/25 01:38 PM	12/16/25 01:38 PM	Inspected Panel Control -Inspected panel for raw sewage pumps, no issues noted.
4597212			Lucknow Wastewtaer Treatment and Collection System	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary Report (3m) - 6062/ 6063	COMP	6/1/25 12:00 AM	2/4/26 11:04 AM	2/4/26 11:04 AM	Completed -Q2 sent Sept 8

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4598104	0000165674	ENGINE DIESEL STANDBY POWER LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Predictive Maintenance	6	MONTHS	Oil Analysis Diesel Engine Lucknow PS Insp/Service (6m) - 6063	CLOSE	6/1/25 12:00 AM	9/26/25 10:36 AM	9/26/25 10:36 AM	Annual service completed June 16th by Sommers -
4610408			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) HK-6063	CLOSE	7/1/25 12:00 AM	9/16/25 03:28 PM	9/16/25 03:28 PM	july health and saftey -In July, completed health and safety checklist for July.
4610419			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) HK-6063	CLOSE	7/1/25 12:00 AM	9/16/25 03:45 PM	9/16/25 03:45 PM	july lucknow lagoon cells -In July, completed weekly cell measurements and inspections for July.
4610429			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) HK-6063	CLOSE	7/1/25 12:00 AM	8/1/25 01:53 PM	8/1/25 01:53 PM	Generator ran on hydro outage July 24th -
4610448	0000165670	METER LEVEL LIT-01 WET WELL LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Calibration	1	YEARS	Level Meter LIT-01 Wet Well Lucknow PS Insp/Service (1y) HK-6063	COMP	7/1/25 12:00 AM	1/30/26 10:43 AM	1/30/26 10:43 AM	Calibration completed June 26th -Third party calibration completed June 26th by Greg Pierce
4610458	0000405391	RECORDER DATA LOGGER LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Recorder Data Logger Lucknow PS Insp/Service (1y) HK-6063	COMP	7/1/25 12:00 AM	2/13/26 07:56 AM	2/13/26 07:56 AM	Completed by third party June 3/25 -
4610462	0000405397	METER FLOW FIT-01 LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Calibration	1	YEARS	Flow Meter FIT-01 Raw Sewage Lucknow PS Insp/Service (1y) HK-6063	CLOSE	7/1/25 12:00 AM	12/12/25 03:09 PM	12/12/25 03:09 PM	Calibration done in June 2025. -
4614434			6063, Lucknow Wastewater Treatment Plant	PM	Compliance	1	MONTHS	Lucknow WWTP Routine Sampling (1y) HK - 6063	CLOSE	7/1/25 12:00 AM	10/2/25 12:59 PM	10/2/25 12:59 PM	groundwater sampling -obtained groundwater samples groundwater and effluent sampling -obtained all groundwater and effluent samples. Groundwater Sampling -Obtained weekly groundwater samples. Groundwater and Effluent Samples -Obtained both groundwater and effluent samples.
4614591			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Monthly Critical Alarm Testing Lucknow WWTP Insp/Service (1m) HK-6063	CLOSE	7/1/25 12:00 AM	9/16/25 03:39 PM	9/16/25 03:39 PM	Alarm Testing -Alarms tested for july when power outage triggered alarms and when main breaker was installed.

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4699979			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) HK-6063	CLOSE	8/1/25 12:00 AM	8/20/25 01:48 PM	8/20/25 01:48 PM	August Health and Safety Checks -Completed health and safety checks for the month of August for both the Lucknow SPS and Lucknow Lagoon.
4699990			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	YEARS	Lifting Device Inspection Lucknow PS Route Insp/Service (1y) HK-6063	CLOSE	8/1/25 12:00 AM	10/3/25 02:43 PM	10/3/25 02:43 PM	
4699993			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) HK-6063	CLOSE	8/1/25 12:00 AM	9/24/25 01:18 PM	9/24/25 01:18 PM	-Completed inspections as part of weekly operational rounds and checks, for the month of August.
4700004			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) HK-6063	CLOSE	8/1/25 12:00 AM	8/13/25 10:22 AM	8/13/25 10:22 AM	Lucknow SPS generator inspection complete. -
4700023			Lucknow Wastewtaer Treatment and Collection System	PM	Refurbish/ Replace/Repair	1	YEARS	Gate Valve Lucknow PS Route Exercise/Insp/Service (1y) HK-6063	COMP	8/1/25 12:00 AM	1/30/26 10:58 AM	1/30/26 10:58 AM	Exercised all 6 valves - no issues -
4700026	0000405424	TANK PROCESS RAW SEWAGE WET WELL LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet Well Raw Sewage Lucknow WWTP Insp/Service (1y) HK-6063	CLOSE	8/1/25 12:00 AM	12/5/25 10:41 AM	12/5/25 10:41 AM	Wet well cleaned and inspected by CT Environmental Nov 13 -
4700035	0000405407	TANK PROCESS RAW SEWAGE WET WELL LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Refurbish/ Replace/Repair	6	MONTHS	Tank Wet Well Raw Sewage Lucknow PS Insp/Service (1y) HK-6063	CLOSE	8/1/25 12:00 AM	11/13/25 01:51 PM	11/13/25 01:51 PM	Lucknow SPS Wet Well Cleaning w/ CT Environmental - • Worked with CT Environmental to clean out Lucknow SPS Wet Well • Returned rag basket to inlet bar screen • All good
4700047	0000405409	TANK PRESSURE SERVICE WATER LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Pressure Service Water Lucknow WWTP Insp/Service (1y) HK-6063	CLOSE	8/1/25 12:00 AM	12/5/25 10:42 AM	12/5/25 10:42 AM	
4701564			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Monthly Critical Alarm Testing Lucknow WWTP Insp/Service (1m) HK-6063	CLOSE	8/1/25 12:00 AM	8/28/25 03:58 PM	8/28/25 03:58 PM	Monthly Alarm completed -
4751617			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) HK-6063	CLOSE	9/1/25 12:00 AM	9/16/25 03:23 PM	9/16/25 03:23 PM	September Monthly Health and Safety Checks -Completed monthly health and safety checks for Lucknow.

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4751628			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) HK-6063	CLOSE	9/1/25 12:00 AM	9/26/25 03:02 PM	9/26/25 03:02 PM	September 05 - Weekly Berm Inspection -Completed operational rounds and checks, measured cell 3, switched filter beds, and completed weekly berm inspection. September 12 - Weekly Berm Inspection -Completed operational rounds and checks, measured cell 3, switched filter beds, and completed weekly berm inspection. September 19 - Weekly Berm Inspection -Completed operational rounds and checks, measured cell 3, switched filter bed and completed weekly berm inspection. September 26 - Weekly Berm Inspection -Completed weekly berm inspection as part of operational rounds and checks.
4751638			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) HK-6063	CLOSE	9/1/25 12:00 AM	9/15/25 02:57 PM	9/15/25 02:57 PM	Power Outages/Tested for Monthly - Generator ran during power flickers on September 07th. Tested generator on September 15th due to issues of it not running during September 14th power outage.
4751697			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	YEARS	Surface Aerator Lucknow WWTS Route Insp/Service (1y) HK-6063	CLOSE	9/1/25 12:00 AM	12/16/25 11:41 AM	12/16/25 11:41 AM	Inspection - Inspected all 4 surface aerators, no issues noted

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4751700			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	YEARS	Rapid Infiltration Basin RIB Lucknow WWTS Route Insp/ Service (1y) HK-6063	CLOSE	9/1/25 12:00 AM	12/5/25 10:48 AM	12/5/25 10:48 AM	Beds not draining - RIBs are not draining properly Working with BM Ross to figure out next steps Dug test holes on Nov 20th w/ Township - awaiting results from BM Ross
4751847			Lucknow Wastewtaer Treatment and Collection System	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary Report (3m) HK-6062/ 6063	COMP	9/1/25 12:00 AM	2/4/26 11:05 AM	2/4/26 11:05 AM	completed -Q3 sent October 3
4753266			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Monthly Critical Alarm Testing Lucknow WWTP Insp/Service (1m) HK-6063	CLOSE	9/2/25 12:00 AM	9/15/25 03:02 PM	9/15/25 03:02 PM	Power Outage - Received Alarms -Power outage on September 14th - received multiple alarms. Building AC Power Fail, Pump 3 fail, High level Alarm.
4784309		6063, Lucknow Sewage Pumping Station		PM	Inspection	1	MONTHS	Lucknow SPS Inlet Screen Cleaning (1m) HK-6063	CLOSE	10/1/25 12:00 AM	11/12/25 02:34 PM	11/12/25 02:34 PM	October 03 - Bar Screen Cleaning -Cleaned the SPS bar screen with MW.
4805573			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) HK-6063	CLOSE	10/1/25 12:00 AM	10/8/25 08:47 AM	10/8/25 08:47 AM	Lucknow Lagoon - Completed monthly health and safety checks for the Lucknow Lagoon for the month of October. Lucknow SPS - Completed monthly health and safety checks for the Lucknow SPS for the month of October.
4805584			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) HK-6063	CLOSE	10/1/25 12:00 AM	10/31/25 11:23 AM	10/31/25 11:23 AM	Weekly Berm Inspection -Completed operational rounds and checks of the Lucknow Lagoon. Completed weekly berm inspection, measured cell 3 and inspected Filter beds.

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4805594			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) HK-6063	CLOSE	10/1/25 12:00 AM	10/14/25 01:45 PM	10/14/25 01:45 PM	Monthly Generator Testing - Completed monthly generator testing and inspection.
4805613			Lucknow Wastewtaer Treatment and Collection System	PM	Refurbish/ Replace/Repair	3	YEARS	Air Transformer Lucknow WWTS Route Insp/Service (3y) HK-6063	COMP	10/1/25 12:00 AM	1/30/26 11:04 AM	1/30/26 11:04 AM	Visually inspected transformers - no issues noted -
4805619	0000405410	TANK HOT WATER SERVICE WATER LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Hot Water Tank Service Water Lucknow PS Insp/Service (1y) HK-6063	CLOSE	10/1/25 12:00 AM	12/16/25 11:59 AM	12/16/25 11:59 AM	Inspected - Inspected water tank, no issues noted
4805622	0000405419	PUMP DIAPHRAGM 01 ALUM DOSING LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Diaphragm 01 Alum Dosing Lucknow WWTP Insp/Service (1y) HK-6063	COMP	10/1/25 12:00 AM	1/30/26 10:26 AM	1/30/26 10:26 AM	Pump Inspected - Visual check of pump operation ok Looking to replace pump in the coming months
4805628	0000405420	PUMP PERISTALTIC 02 ALUM DOSING LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Peristaltic 02 Alum Dosing Lucknow WWTP Insp/Service (1y) HK-6063	COMP	10/1/25 12:00 AM	1/30/26 10:30 AM	1/30/26 10:30 AM	Pump needs replaced -Received quotes for replacement
4806979			6063, Lucknow Wastewater Treatment Plant	PM	Compliance	1	MONTHS	Lucknow WWTP Routine Sampling (1m) HK - 6063	CLOSE	10/1/25 12:00 AM	10/31/25 11:24 AM	10/31/25 11:24 AM	October 01 - Weekly Samples -obtained Raw, Groundwater and effluent samples. October 06 - Weekly Samples -Obtained groundwater and effluents samples. October 14 - Sampling -Obtained groundwater and effluent samples. October 20 - Weekly Samples -Obtained groundwater and effluent samples. October 27 - Sampling - Obtained weekly groundwater and effluent samples.

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4807218			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Monthly Critical Alarm Testing Lucknow WWTP Insp/Service (1m) HK-6063	CLOSE	10/1/25 12:00 AM	10/14/25 01:47 PM	10/14/25 01:47 PM	Pump 3 Fail Alarm - Received Pump 3 Fail alarm due to monthly generator testing and transfer of power to and from the generator.
4807697			6063, Lucknow Wastewater Treatment Plant	PM	Inspection	1	MONTHS	Lucknow WWTP Alum Injector Insp/Service (1m) HK-6063	CLOSE	10/1/25 12:00 AM	12/16/25 02:47 PM	12/16/25 02:47 PM	not cleaned this month -
4853745			Lucknow Wastewtaer Treatment and Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) HK-6063	CLOSE	11/1/25 12:00 AM	11/7/25 05:17 PM	11/7/25 05:17 PM	Health and Safety Checks - Completed health and safety checks for both Lucknow waste water sites.
4853756			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) HK-6063	CLOSE	11/1/25 12:00 AM	11/28/25 10:47 PM	11/28/25 10:47 PM	November - Week 1 - Completed lagoon checks, measured cell 3 and berm inspection. November - Week 2 -Completed operational rounds and checks. Measured cell 3. Completed berm inspection. November - Week 4 -Completed operational rounds and checks, measured cell 3, completed berm inspection.
4853763			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) HK-6063	CLOSE	11/1/25 12:00 AM	11/12/25 03:24 PM	11/12/25 03:24 PM	Power Outage - Generator Ran -Power outage on November 11, generator ran.

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4853782	0000165665	SWITCH TRANSFER AUTOMATIC ATS STANDBY GEN LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Transfer Switch ATS Standby Gen Lucknow PS Insp/Service (1y) HK-6063	CLOSE	11/1/25 12:00 AM	12/16/25 12:03 PM	12/16/25 12:03 PM	- Transfer switch was inspected by generator technician when generator serviced in June. Transfer switch is tested monthly with monthly generator testing
4853807	0000165699	PUMP SUBMERSIBLE SUMP LUCKNOW WWTP	6063, Lucknow Wastewater Treatment Plant	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Sump Basement Lucknow WWTP Insp/Service (1y) HK-6063	CLOSE	11/1/25 12:00 AM	12/16/25 11:37 AM	12/16/25 11:37 AM	Inspection - Inspected pump, no issues noted
4855112			6063, Lucknow Wastewater Treatment Plant	PM	Compliance	1	MONTHS	Lucknow WWTP Routine Sampling (1m) HK - 6063	CLOSE	11/1/25 12:00 AM	11/25/25 02:21 PM	11/25/25 02:21 PM	Weekly Sampling -Obtained groundwater and effluent samples. Weekly Sampling -Obtained groundwater and effluent samples. Weekly Sampling -Obtained groundwater and effluent samples.
4855260		Lucknow Wastewtaer Treatment and Collection System		PM	Inspection	1	MONTHS	Monthly Critical Alarm Testing Lucknow WWTP Insp/Service (1m) HK-6063	CLOSE	11/1/25 12:00 AM	11/13/25 11:32 AM	11/13/25 11:32 AM	November 11 - Alarm -Pump 3 Fail alarm called out twice when station transferred on and off of generator due to power outage in area. November 13 - Alarm -Wet Well Low Level alarm called out due Wet well being pumped down for CT Environmental to clean.
4855471			6063, Lucknow Wastewater Treatment Plant	PM	Inspection	1	MONTHS	Lucknow WWTP Alum Injector Insp/Service (1m) HK-6063	CLOSE	11/1/25 12:00 AM	12/16/25 02:48 PM	12/16/25 02:48 PM	not cleaned this month -
4855613			6063, Lucknow Sewage Pumping Station	PM	Inspection	1	MONTHS	Lucknow SPS Inlet Screen Cleaning (1m) HK-6063	CLOSE	11/1/25 12:00 AM	11/28/25 10:42 PM	11/28/25 10:42 PM	
4898975		Lucknow Wastewtaer Treatment and Collection System		PM	HEALTH AND SAFETY	1	MONTHS	Health & Safety Lucknow WWTS Route Insp/Service (1m) HK-6063	CLOSE	12/1/25 12:00 AM	12/10/25 03:57 PM	12/10/25 03:57 PM	December Health and Safety checks. -On December 3, completed site health and safety checks.

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: 6063,6063-SPLU,6063-WWLU
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
4898986			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Lagoon Cells Lucknow WWTP Route Insp/Service (1m/6m/1y) HK-6063	COMP	12/1/25 12:00 AM	12/29/25 11:06 AM	12/29/25 11:06 AM	Rounds and Checks -Completed operational rounds and checks, measured cell 3, completed berm inspection. Rounds and Checks -Completed rounds and checks, measure cell 3. Rounds and Checks -completed rounds and checks, berm inspection and measured cell 3 Rounds and checks - Completed rounds and checks, measured cell 3. Rounds and Checks - Completed berm inspection. Measured cell
4898996			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Generator c/w Diesel Engine Lucknow WWTS Route Insp/ Service (1m/1y) HK-6063	CLOSE	12/1/25 12:00 AM	12/15/25 10:17 AM	12/15/25 10:17 AM	Power Outage - Generator ran - Generator ran due to power outage in the area on December 14, 2025.
4899018	0000405387	TANK STORAGE FUEL DIESEL LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Fuel Standby Generator Lucknow PS Inspection (1y) HK-6063	CLOSE	12/1/25 12:00 AM	12/15/25 10:20 AM	12/15/25 10:20 AM	Inspection - Inspected generator fuel tank, no issues noted.
4899043	0000405394	DRIVE VFD RAW SEWAGE PUMP 01 LUCKNOW PS	6063, Lucknow Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD Raw Sewage Pump 01 Lucknow PS Insp/Service (1y) HK-6063	CLOSE	12/1/25 12:00 AM	12/16/25 01:44 PM	12/16/25 01:44 PM	Unable to Test -Pump was pulled due to it not working. Unable to test VFD.
4899226			Lucknow Wastewtaer Treatment and Collection System	PM	Compliance	1	YEARS	Sampling Calendar Review (1y) HK-6062/ 6063	COMP	12/1/25 12:00 AM	2/4/26 11:11 AM	2/4/26 11:11 AM	completed -2026 sample calendars created and reviewed August 29, 2025

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: 6063,6063-SPLU,6063-WWLU
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
4899228			Lucknow Wastewtaer Treatment and Collection System	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary Report (3m) HK-6062/ 6063	COMP	12/1/25 12:00 AM	2/4/26 11:06 AM	2/4/26 11:06 AM	completed -Q4 sent January 7, 2025
4900347			6063, Lucknow Wastewater Treatment Plant	PM	Compliance	1	MONTHS	Lucknow WWTP Routine Sampling (1m) HK - 6063	COMP	12/1/25 12:00 AM	12/29/25 11:04 AM	12/29/25 11:04 AM	Weekly Sampling -Obtained groundwater and effluent samples. Weekly Sampling -obtained groundwater and effluent samples. Weekly Sampling -Obtained groundwater and effluent samples. Weekly Sampling - Obtained groundwater and effluent samples
4900496			Lucknow Wastewtaer Treatment and Collection System	PM	Inspection	1	MONTHS	Monthly Critical Alarm Testing Lucknow WWTP Insp/Service (1m) HK-6063	CLOSE	12/1/25 12:00 AM	12/15/25 10:16 AM	12/15/25 10:16 AM	Pump 3 Fail Alarm - Pump 3 Fail alarm called out on December 14, 2025. Due to power transfer of power to and from the generator during a planned power outage.
4900776			6063, Lucknow Wastewater Treatment Plant	PM	Inspection	1	MONTHS	Lucknow WWTP Alum Injector Insp/Service (1m) HK-6063	COMP	12/1/25 12:00 AM	12/29/25 11:07 AM	12/29/25 11:07 AM	Not cleaned this month -
4900916			6063, Lucknow Sewage Pumping Station	PM	Inspection	1	MONTHS	Lucknow SPS Inlet Screen Cleaning (1m) HK-6063	COMP	12/1/25 12:00 AM	1/1/26 08:02 AM	1/1/26 08:02 AM	

Appendix C

2025 Calibration Records

Pierce Services & Solutions Inc.

Instrument Verification Sheet

Client Name: Municipality of Huron Kinloss

Date: June 03, 2025

Equipment Description: Level Transmitter

Assigned Number: LIT 101

Area Located: Lucknow SPS

Drawing Number: N/A

Instrument Data

Manufacturer: Milltronics

Model Number: Multranger 100

Type: Ultransonic

Serial Number: PBD/B2222817

Range: 0 - 7.150 m

Accuracy: +/- 2%

Method Of Calibration: Standard Verification

Application: WasteWater

Calibration Data

Input %	mA	As Found	As Left	Pass/Fail
0	4.00 mA	0.00 m	0.00 m	
25	8.00 mA	1.79 m	1.79 m	
50	12.00 mA	3.58 m	3.58 m	
75	16.00 mA	5.36 m	5.36 m	
100	20.00 mA	7.15 m	7.15 m	
47.29	11.57 mA	3.38 m	3.38 m	Pass

Confirmed Run Mode: ✓ Pass: X Fail:

Comments:

Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

Alphabetical Parameter Listing Milltronics 100/200

Tag # LIT-101
Date: June 3, 2025

Parameter #	Parameter Description	Parameter Value	Value Description	Relay #
P001	Operation	1	Level measurement	
P002	Material	1	Liquid surface	
P003	Process Speed	2	Medium (1m/min)	
P004	Transducer	104	XPS 10	
P005	Units	4	Meters	
P006	Empty	8.15	Transducer to base	
P007	Span	7.15	Maximum reading	
P065	Reading Overide Value		Fail Safe Value	
P111	Pump Fixed Duty Setting	50	Pump Fixed Duty Setting	1
P112	Relay on Level	3.210	Duty 1	1
P113	Relay off Level	1.430	Duty 1	1
P118	Output Relay Logic			1
P309	Run Time		Hours	1
P111	Pump Fixed Duty Setting		Pump Fixed Duty Setting	2
P112	Relay on Level		Duty 2	2
P113	Relay off Level		Duty 2	2
P118	Output Relay Logic			2
P309	Run Time		Hours	2
P111	Pump Fixed Duty Setting		Pump Fixed Duty Setting	3
P112	Relay on Level		High Alarm	3
P113	Relay off Level		High Alarm	3
P309	Run Time		Hours	3
P111	Loss of Echo			4
P112	Relay on Level		Low Alarm	4
P113	Relay off Level		Low Alarm	4
P309	Run Time		Hours	4
P660	Temperature Source Fixed	—		
P802	Transducer Submergence	—	Off	
P341	Run Time			
P342	Start Ups			
	Temp	14 C		
	Level	3.38		
	mA	11.41		
	Echo	100		
	%	47.83%		

Lucknow SPS - Huron Kinloss

Pierce Services & Solutions Inc.

MAGMETER FLOW REPORT

Flowmeter Report

Verification: X **Calibration:**

Client:	Municipality of Huron/Kinloss	**Location:**	Lucknow SPS
Description:	Mag Meter	**Date:**	03-Jun-25
Manufacturer:	Endress Hauser	**Checked By:**	GP
Model:	Promag F	**Serial No.:**	G-25-99034

Tag No.: FIT-101 Range: 0-42 l/s

Input %	mA	Input	As Found	As Left		Pass/Fail
0%	4.00	0 l/s	0.00 l/s	0.00 l/s		
25%	8.00	10.50 l/s	10.48 l/s	10.48 l/s		
50%	12.00	21.00 l/s	21.06 l/s	21.06 l/s		
75%	16.00	31.50 l/s	13.45 l/s	13.45 l/s		
100%	20.00	42.00 l/s	41.91 l/s	41.91 l/s		
44%	11.03 mA	18.46 l/s	18.49 l/s	18.49 l/s		Pass

Confirmed Run Mode: _____ Returned to service: _____

Service Comments:

Flowmeter Information

Flow Unit:	l/s
Cal Factor:	1.0013
Meter Size:	4"
F/S Flow Mag:	
F/S Flow Operation:	Forward
Totalizer Start:	406896
Totalizer Finish:	406897

Comments:

Signature:

Greg Pierce, CCST

v1.1