Ontario Clean Water Agency
Agence Ontarienne Des Eaux

March 20, 2026

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

Attention: Mr. Adrien

RE: Rodney Water Pollution Control Plant Annual Report 2025

The Ontario Clean Water Agency is the Operating Authority for the Rodney Water Pollution Control Plant on behalf of the Municipality of West Elgin. During the reporting period, the system was operated under Amended Certificate of Approval 3-0871-88-949 (January to September 24, 2025) and Environmental Compliance Approval 1177-DJDLFK issued September 25, 2025. Please find attached the 2025 Annual Report for the Rodney Water Pollution Control Plant.

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. Robin Greenall, Municipality of West Elgin
Terri Towstiuc, Municipality of West Elgin
David Charron, Municipality of West Elgin
Sam Smith, OCWA Regional Hub Manager
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Maegan Garber, OCWA Safety, Process and Compliance Manager

MUNICIPALITY OF WEST ELGIN
RODNEY WASTEWATER TREATMENT PLANT

2025 ANNUAL REPORT
January 1 to December 31, 2025

Amended Certificate of Approval 3-0871-88-949
&
Environmental Compliance Approval # 1177-DJDLFK

Prepared by:

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

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Section 1: Overview

Overall, the Rodney Water Pollution Control Plant (WPCP) provided effective wastewater treatment in 2025. The WPCP was operated under amended Certificate of Approval 3-0871-88-949 (January to September 24, 2025) and Environmental Compliance Approval 1177-DJDLFK issued September 25, 2025. Upgrades to the plant were previously completed in December, 2019 and further construction for upgrades began in late 2025.

Collection System

The collection system contains gravity sewers that lead to the Main Pumping Station located on Furnival Road. The Main Pumping Station contains a wet well with two submersible pumps that pump to the treatment plant. Backup power is supplied by an on-site generator.

Plant Description

The Rodney WPCP operates as an extended aeration facility incorporating the following treatment stages: extended aeration, secondary clarification, seasonal ultraviolet (UV) disinfection, phosphorus removal, and effluent filtration. The extended aeration process is designed to remove both carbonaceous and nitrogenous biochemical oxygen demand (BOD). Aluminum sulfate is applied for chemical phosphorus removal. Following clarification, the treated effluent undergoes filtration. During the disinfection season of April 15 to October 15, effluent is treated with ultra-violet (UV) disinfection before being discharged to Sixteen Mile Creek. Waste activated sludge is conveyed to the lagoon for storage and settling. Supernatant from the lagoon is periodically decanted and returned to the plant influent for further treatment.

Process Details

- Wastewater from the Village of Rodney flows by gravity to the sewage lift station located near the intersection of Furnival Road and King Street. From there, it is pumped through a force main to a reinforced concrete splitter chamber equipped with a mechanical rake bar screen.
- The secondary treatment system consists of two aeration basins, one reinforced concrete clarifier tank and two return activated sludge pumps.
- The phosphorous removal system consists of one 30,000 L fiber reinforced tank with spill containment, and two diaphragm metering pumps (1 duty and 1 standby).
- Three mechanical aerators in each aeration tank provide oxygen in the aeration tanks.
- The tertiary treatment system consists of four continuous backwash, 2-metre-deep granular single-media sand filters housed within the filter building. Hydrogen peroxide is introduced for filter cleaning when necessary.
- The disinfection system consists of a UV unit through which the effluent is discharged seasonally.
- A concrete V-notch weir flow measuring chamber is installed between the clarifier and the filter building.

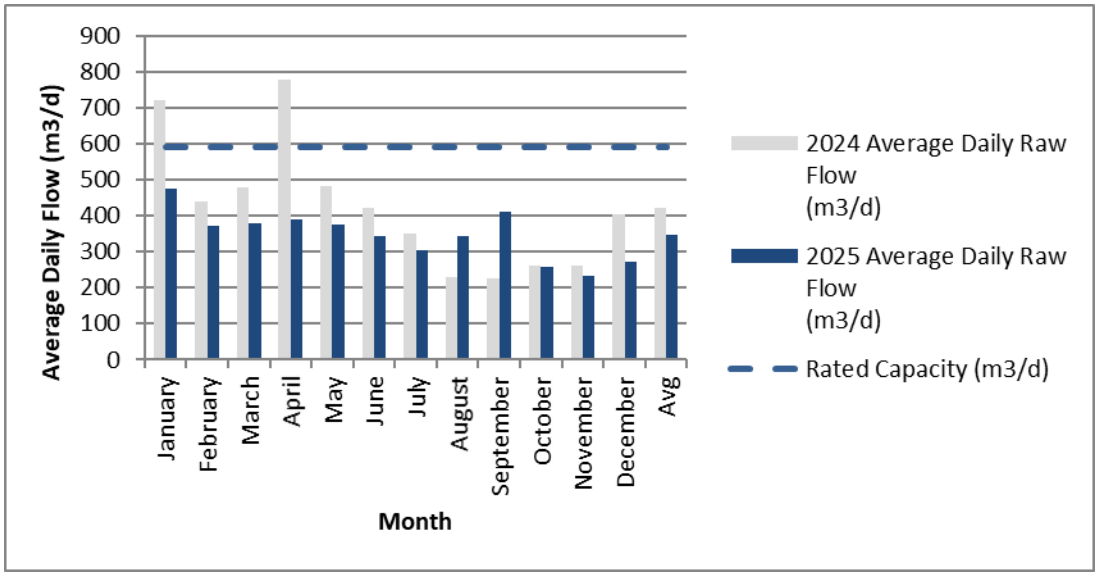
- Operations are controlled by a programmable logic controller (PLC). A data logging computer system with local monitoring capability is used to monitor, trend, and record select process parameters.
- Laboratory space is also located at the WPCP to allow for basic laboratory analyses to be conducted by the plant operator.
- Process control is monitored by SCADA.

Section 2: Influent Monitoring Data

Flows

In 2025, the average daily raw flow sent to the WPCP was 347.6 m^3/d. This is an 18% reduction compared to the average daily flow from 2024 which was 420.7 m^3/d. The plant is currently operating at 59% of its rated capacity of 590 m^3/d, as defined in the facility's Environmental Compliance Approval NUMBER 1177-DJDLFK. The rated capacity is calculated based on the definition of the ECA, which is defined as the annual average daily influent flow for which the sewage treatment plant is designed to handle. Figure 1 outlines the average daily raw flows in 2024 compared to those of 2025 against the rated capacity of the plant. Detailed monthly flow information and flow totals are summarized in Appendix A.

Figure 1: *Average Daily Influent Flow, 2024 compared to 2025 against design average*



Sample Collection and Testing

All samples are collected and tested as per the requirements of the ECA.

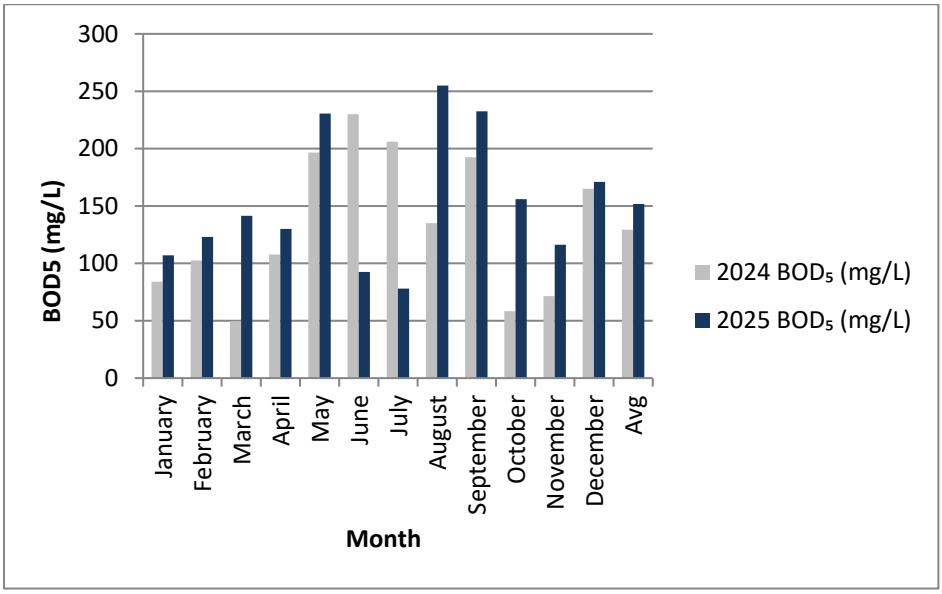
Prior to September 2025, raw influent samples were taken on a bi-weekly basis. Raw samples are now taken weekly as per the amended ECA issued on September 25, 2025. Raw influent samples are analyzed for Biochemical Oxygen Demand (BOD_5), Total Kjeldahl Nitrogen (TKN), Total Phosphorus (TP), and Total Suspended Solids (TSS). The raw samples are collected as 24-hour composite samples.

Raw Sewage Quality

In 2025, all raw influent parameters except alkalinity showed higher concentrations than in 2024. Normal year-to-year variability in these seasonal factors could reasonably contribute to the higher influent concentrations observed in 2025. Higher raw parameter concentrations may have partially contributed to effluent exceedance for Total Ammonia Nitrogen (TAN) in October and December and for Total Suspended Solids (TSS) and E. coli in December. See Section 3: Effluent Monitoring and Data for details on limit exceedances.

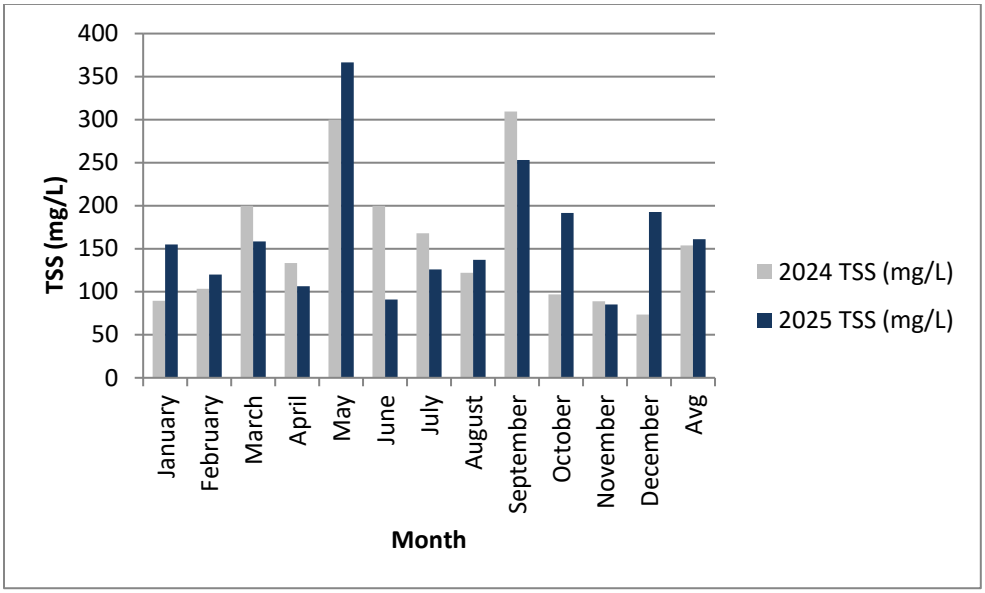
The annual average raw sewage BOD_5 concentration to the plant in 2025 was 151.82 mg/L with a maximum average monthly concentration of 255 mg/L. The average concentration of BOD_5 has increased 17% from 2024 (refer to Figure 2). Refer to Appendix A for detailed analytical data.

Figure 2: *Monthly Average Raw BOD_5 Concentrations 2024 to 2025*



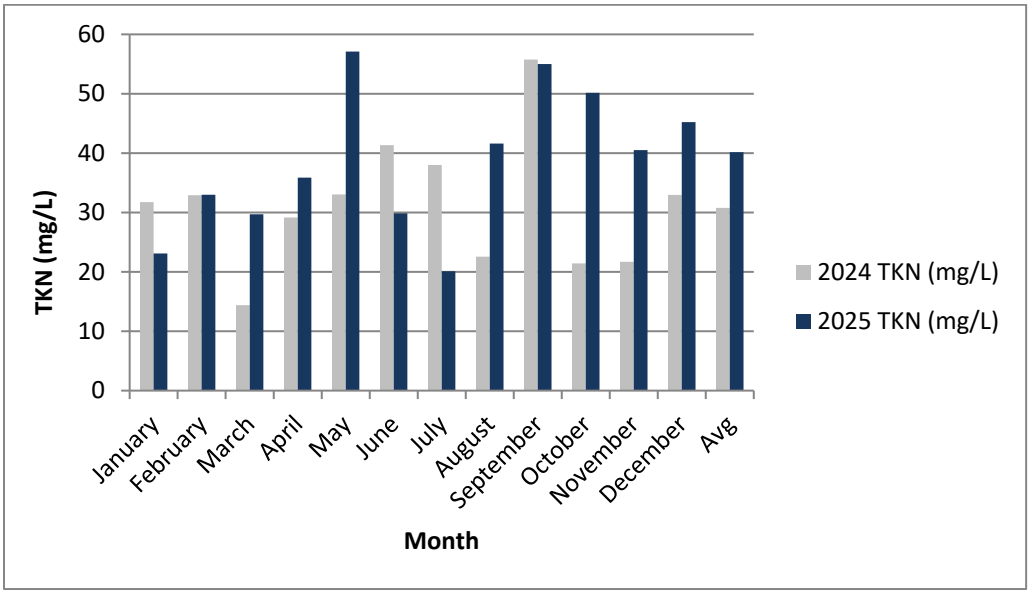
The annual average raw sewage TSS concentration to the plant in 2025 was 161.06 mg/L, with a maximum average monthly concentration of 366.5 mg/L. The average concentration of TSS has increased 5% from 2024 (refer to Figure 3). Refer to Appendix A for detailed analytical data.

Figure 3: *Monthly Average Raw TSS Concentrations 2024 to 2025*



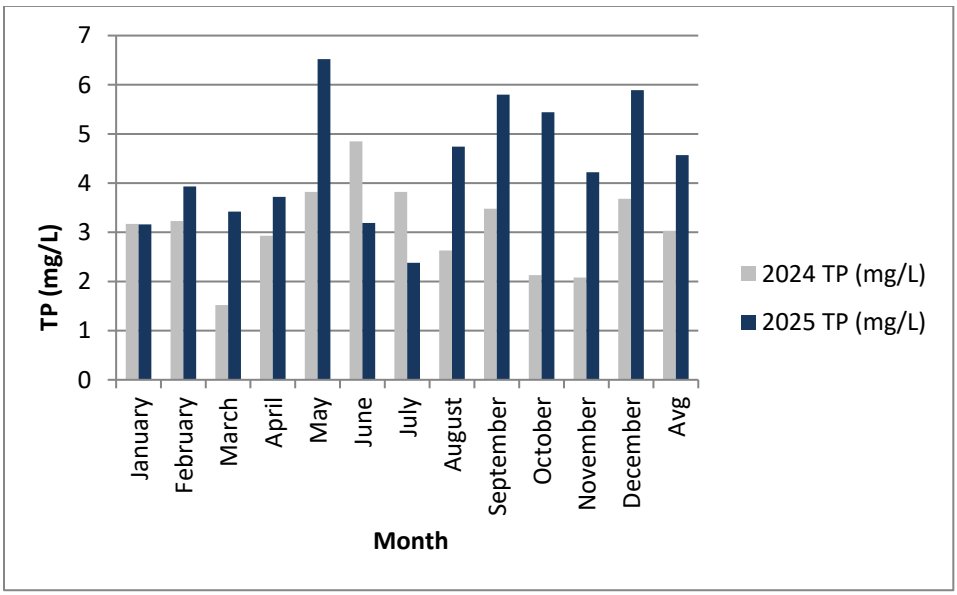
The annual average raw sewage nitrogen concentration (as represented by TKN) to the plant in 2025 was 40.16 mg/L, with a maximum average monthly concentration of 57.1 mg/L. The average concentration of TKN has increased 30% from 2024 (refer to Figure 4). Refer to Appendix A for detailed analytical data.

Figure 4: *Monthly Average Raw TKN Concentrations 2024 to 2025*



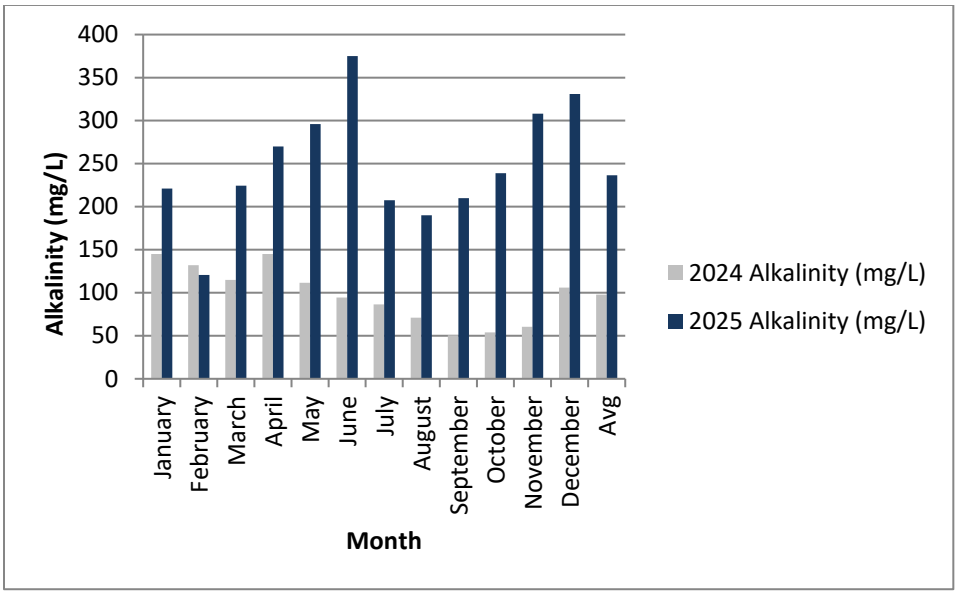
The annual average raw sewage total phosphorus (TP) to the plant in 2025 was 4.57 mg/L with a maximum average monthly concentration of 6.52 mg/L. The average concentration of TP has increased 51% from 2025 (refer to Figure 5). Refer to Appendix A for detailed analytical data.

Figure 5: *Monthly Average Raw TP Concentrations 2024 to 2025*



The annual average raw sewage alkalinity to the plant in 2025 was 237 mg/L with a maximum average monthly concentration of 375 mg/L. The annual average alkalinity has decreased 18% from 2024 (refer to Figure 6). Refer to Appendix A for detailed analytical data.

Figure 6: *Monthly Average Raw Alkalinity 2024 to 2025*

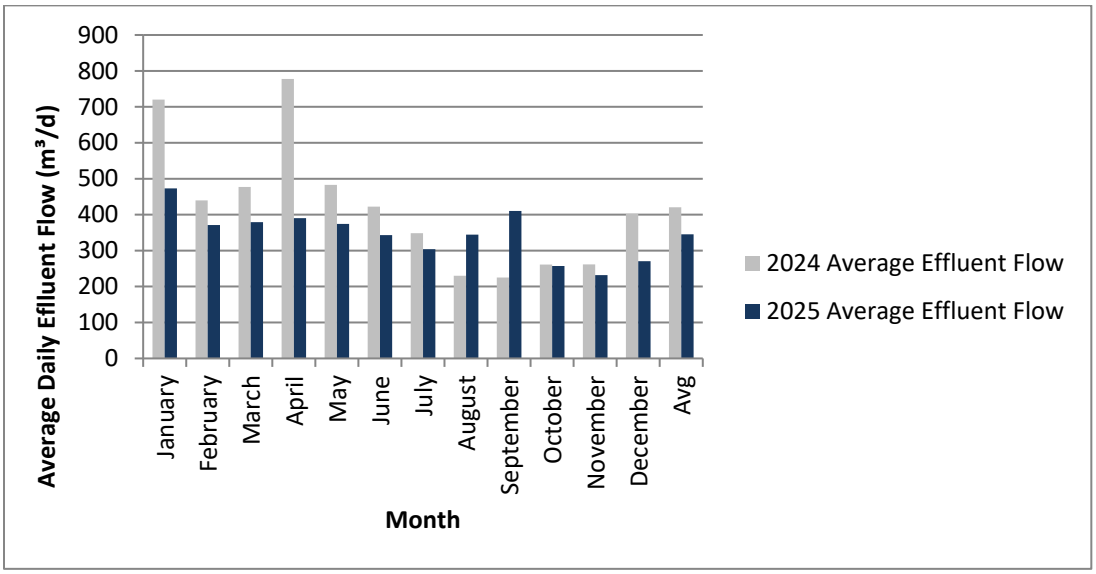


Section 3: Effluent Monitoring Data

In 2025, a total of 126,526 m³ of effluent was treated, representing an 18% decrease from 2024. This reduction aligns with the 18% decrease in inflow observed in 2025. The average daily

effluent flow was 347.57 m^3/d compared to 420.65 m^3/d in 2024 (refer to Figure 7). Detailed monthly flow and flow total information is summarized in Appendix A.

Figure 7: *Average Daily Effluent Flow, 2024 compared to 2025*



Sample Collection and Testing

Prior to the new ECA being issued in September 2025, final effluent was sampled bi-weekly. As per the ECA issued in September, final effluent is now sampled weekly and tested for Carbonaceous Biochemical Oxygen Demand ($cBOD_5$), Total Suspended Solids (TSS), Total Phosphorus (TP), Total Ammonia Nitrogen (TAN), Total Kjeldahl Nitrogen (TKN), Nitrite (NO_2), Nitrate (NO_3), and Unionized Ammonia. Samples are collected using an automatic composite sampler and collected over a 24-hour period. A grab sample is collected weekly and tested for E. coli, pH, temperature, alkalinity, and dissolved oxygen.

In-house tests are conducted on a weekly basis on the final effluent, raw influent and the mixed liquor suspended solids at the plant to monitor plant performance and to make any operational adjustments, as required.

In 2025, all chemical and microbiological sample analyses were conducted by SGS Lakefield and SGS London. Temperature, pH and dissolved oxygen were conducted by operators at the treatment plant.

Effluent Limits and Objectives

Detailed analytical data is attached to this report as Appendix A. Table 1 provides a summary of monthly average effluent result ranges and loading ranges compared to the compliance limits in the ECA. In 2025, the ECA monthly average limit was not met for TSS in October and December and for TAN and E. coli in December. However, all monthly average loading limits were met. See: 'Discussion on Monitoring Data as Compared to the Effluent Limits and Objectives' for details.

Table 1: *Monthly Average Effluent Results and Loadings compared to ECA Limits*

Parameter	Monthly Average Effluent Limit (mg/L)	Monthly Average Effluent Result Ranges (mg/L)	Monthly Average Loading Limit (kg/d)	Monthly Average Loading Result Ranges
$cBOD_5$	10.0 (a)	2.0 – 5.0	6.9	0.61 - 1.42
	15.0 (b)	2.0 - 3.2		
Total Suspended Solids	10.0 (a)	3.0 – 16.2	6.9	0.69 – 4.59
	15.0 (b)	2.0 – 10.3		
Total Phosphorus	0.5 (a)	0.1 – 0.3	0.4	0.03 – 0.10
	1.0 (b)	0.1 – 0.3		
Total (Ammonia + Ammonium) Nitrogen	3.0 (a)	0.1 – 5.1	2.2	0.18 – 1.43
	5.0 (b)	0.1 – 0.8		
E. coli *	200	1 – 209.9		

NOTE: (a) limit applies during the non-freezing period April 15 to December 15; mean calculated monthly
(b) limit applies during the freezing period December 16 to April 14: mean calculated monthly
*E. coli is calculated in mpn/100mL

Table 2 represents the monthly average effluent result ranges compared to the monthly average objectives outlined in the ECA. There are no monthly average loading objectives identified in the ECA. In 2025, concentrations of TSS exceeded the monthly average ECA objective in February, April, and October through December. The ECA objective for TAN and E. coli were exceeded in December. See 'Discussion on Monitoring Data as Compared to Effluent Limits and Objectives' for details.

Table 2: *Monthly Average Effluent Results and Loadings compared to ECA Objectives*

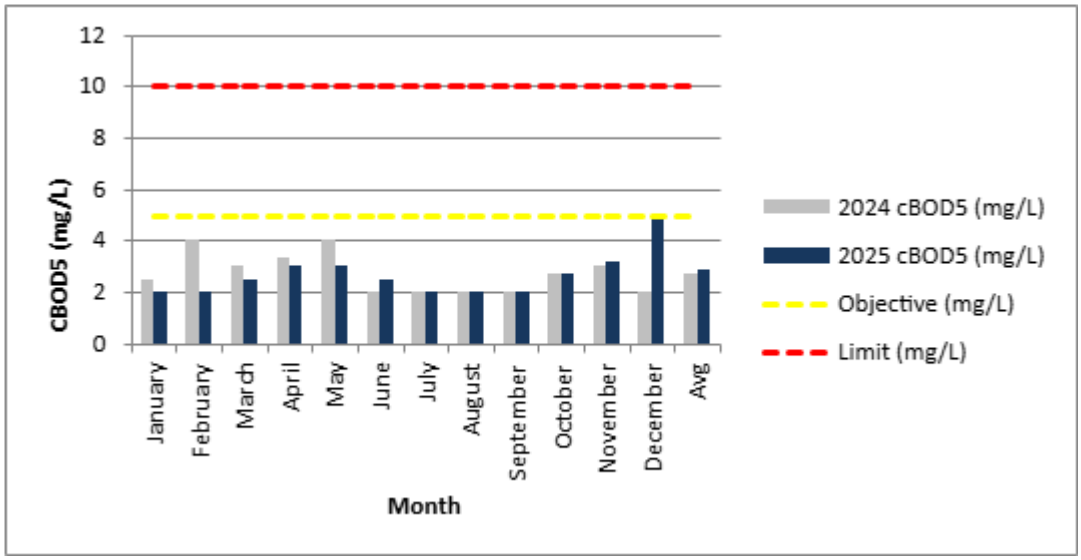
Parameter	Average Monthly Effluent Objective (mg/L)	Average Monthly Effluent Result Ranges (mg/L)
$cBOD_5$	5.0 (a)	2.0 – 5.0
	10.0 (b)	2.0 - 3.2
Total Suspended Solids	5.0 (a)	3.0 – 16.2
	10.0 (b)	2.0 – 10.3
Total Phosphorus	0.3 (a)	0.1 – 0.3
	0.8 (b)	0.1 – 0.3
Total Ammonia Nitrogen	2.0 (a)	0.1 – 5.1
	4.0 (b)	0.1 – 0.8
E. coli *	150	1 – 209.9
Dissolved Oxygen**	>5	5.81 – 11.98

Note: (a) objective applies during the non-freezing period April 15 to December 15; mean calculated monthly
(b) objective applies during the freezing period December 16 to April 14; mean calculated monthly
*E. coli is calculated in mpn/100mL
**Dissolved Oxygen objective is expressed as a minimum, where all other parameters are expressed as averages.

Discussion on Monitoring Data as Compared to the Effluent Limits and Objectives

The annual average effluent concentration for Carbonaceous Biochemical Oxygen Demand ($cBOD_5$) in 2025 was 2.9 mg/L, which is a decrease of 7% from the annual average concentration in 2024 (refer to Figure 8). The annual average loading of $cBOD_5$ was 1.02 kg/d. All ECA objectives and limits for $cBOD_5$ were met in 2025.

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



The annual average effluent concentration for Total Suspended Solids (TSS) in 2025 was 7.7 mg/L, which is a 64% increase from the annual average concentration in 2024 (refer to Figure 9). The annual average loading of TSS in 2025 was 2.7 kg/d. The ECA effluent objectives were not met in February, April, and October through December. TSS exceeded the ECA monthly average limit in October and December, however, all monthly average loading limits were met.

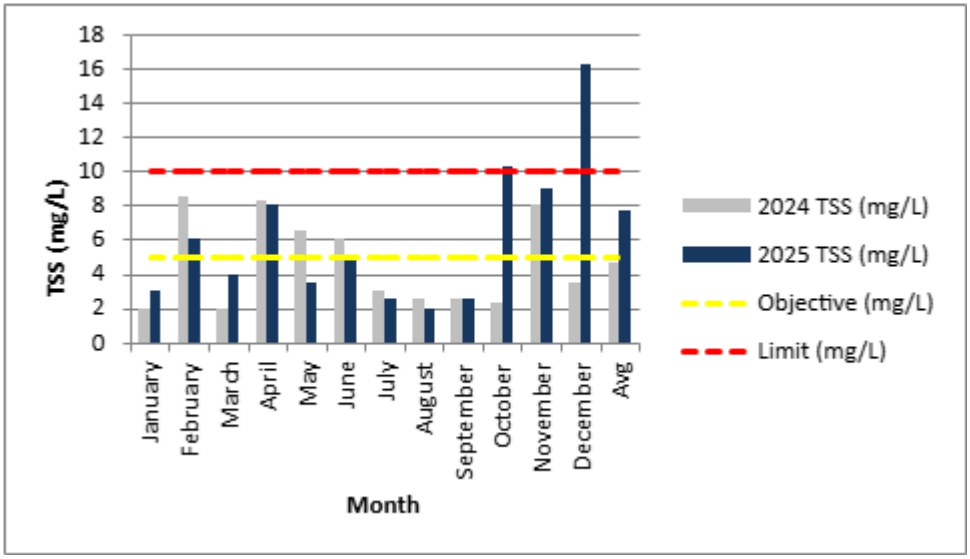
Higher than normal TSS concentrations observed in February and April were attributed to varying operational conditions at the WPCP. In February, a period of elevated influent flows reduced treatment efficiency and increased solids loading through the process; maintenance was subsequently completed on the sand filtration system to address the elevated TSS. In April, increased TSS levels were associated with the temporary removal of the clarifier from service for maintenance, which reduced settling capacity, combined with a scum pump failure that limited effective removal of floating solids. Effluent quality improved following completion of maintenance activities and restoration of equipment to normal operation.

In October, elevated effluent concentrations of TSS were due to a leak on the return activated sludge (RAS) pump. During the RAS pump repairs, sludge accumulated in the clarifier which resulted in the elevated TSS concentrations in the effluent. Additional maintenance was also completed on the sand filters and in the effluent channel.

The TSS monthly average effluent exceedance was caused by multiple factors during the month of December. Incoming raw sample results showed higher than normal TSS concentrations. As

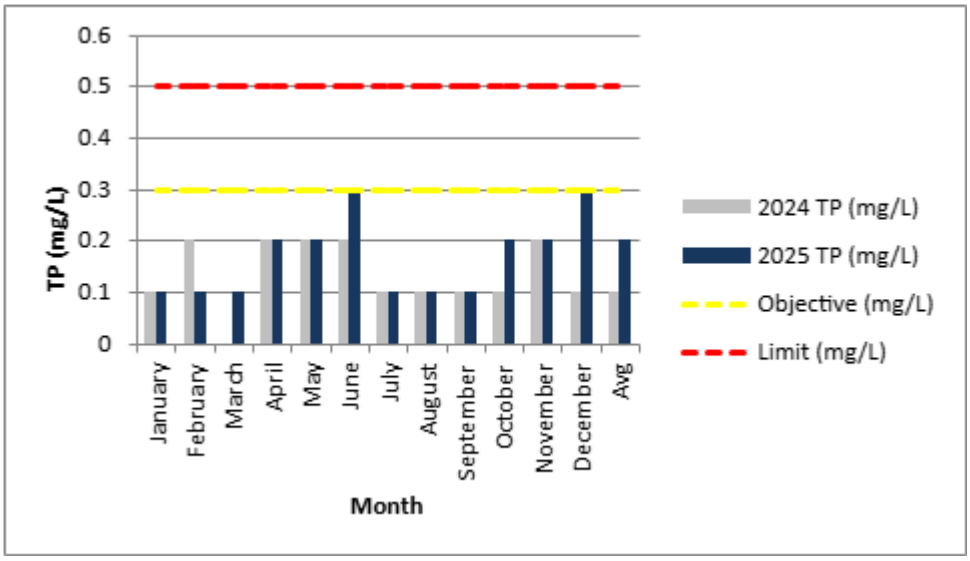
well, in preparation of the bar screen decommissioning, modifications were completed to remove the rake resulting in the required manual cleaning by operations staff. The scum pump also malfunctioned which hindered the removal of scum that formed on the surface of the clarifier. Lastly, significant ice build-up occurred in the aeration tank discharge channel due to the extreme cold temperatures which restricted flow to the clarifier and led to the increase of solids being carried over to the clarifier.

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



The annual average effluent concentration for Total Phosphorus (TP) in 2025 was 0.2mg/L, which is a 100% increase from the annual average concentration in 2024 (refer to Figure 10). The annual average loading of TP in 2024 was 0.07 kg/d. All ECA objective and limits were met in 2025. The increase from 2024 is attributed to higher incoming concentrations of TP in the raw influent and the optimization of chemical dosing throughout the year. Adjustments were made to reduce aluminum sulfate usage where possible to minimize chemical consumption while maintaining compliance. These dosing reductions contributed to slightly higher overall TP concentrations compared to previous years while still ensuring TP removal remained within regulatory limits.

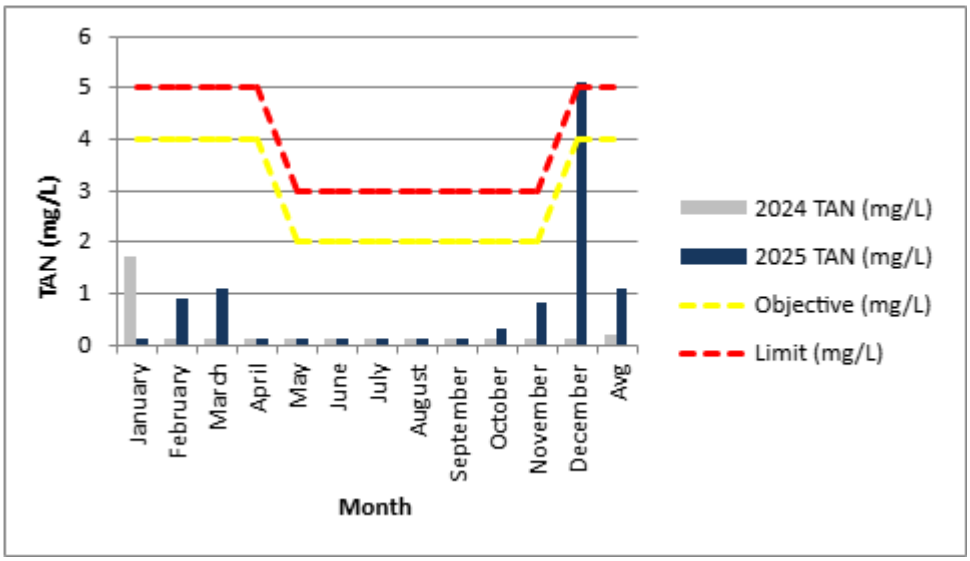
Figure 10: *Monthly Average Effluent TP Concentrations, 2024 to 2025 against ECA Limit and Objective*



The annual average effluent concentration for Total Ammonia Nitrogen (TAN) in 2025 was 1.1 mg/L, a significant increase from the annual average concentration in 2024 (refer to Figure 11). The annual average loading of TAN in 2025 was 0.37 kg/d.

The ECA objective and monthly average limit was not met in December; however the monthly loading average limit was met throughout 2025. The elevated TAN concentrations in December were the result of a sudden drop in temperature early in the month that resulted in an inadequate concentration of Mixed Liquor Suspended Solids (MLSS) in the aeration tanks to support the nitrification process. Wasting rates were decreased in order to increase the MLSS concentrations to support the nitrification process.

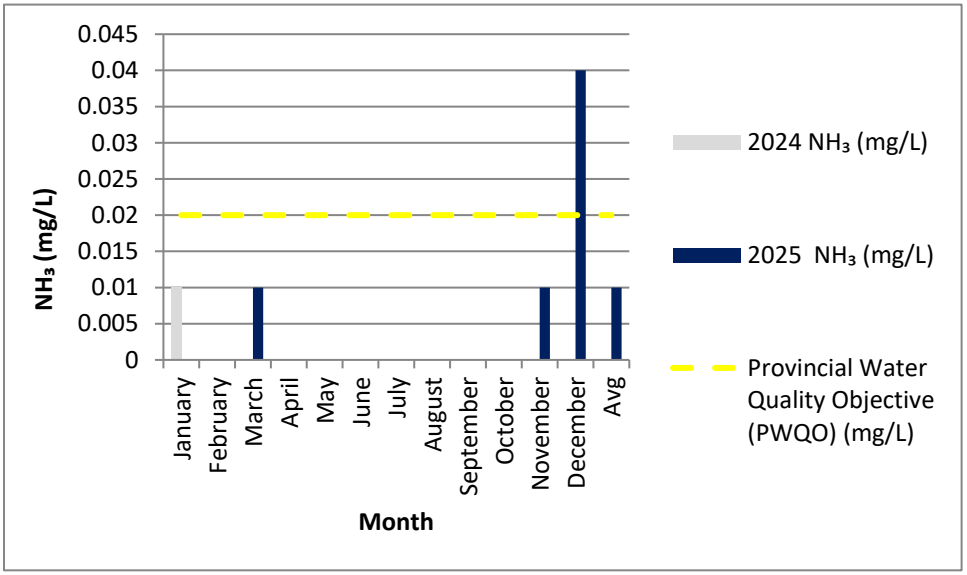
Figure 11: *Monthly Average Effluent TAN Concentrations, 2024 to 2025 against ECA Limit and Objective*



In addition to Total Ammonia Nitrogen (TAN), effluent concentrations of unionized ammonia (NH_3), Total Kjeldahl Nitrogen (TKN), Nitrite (NO_2), and Nitrate (NO_3) are monitored to evaluate nitrification performance and overall nitrogen transformation within the treatment process. These parameters collectively illustrate the conversion of reduced nitrogen to oxidized forms and help identify periods of process instability or seasonal transition.

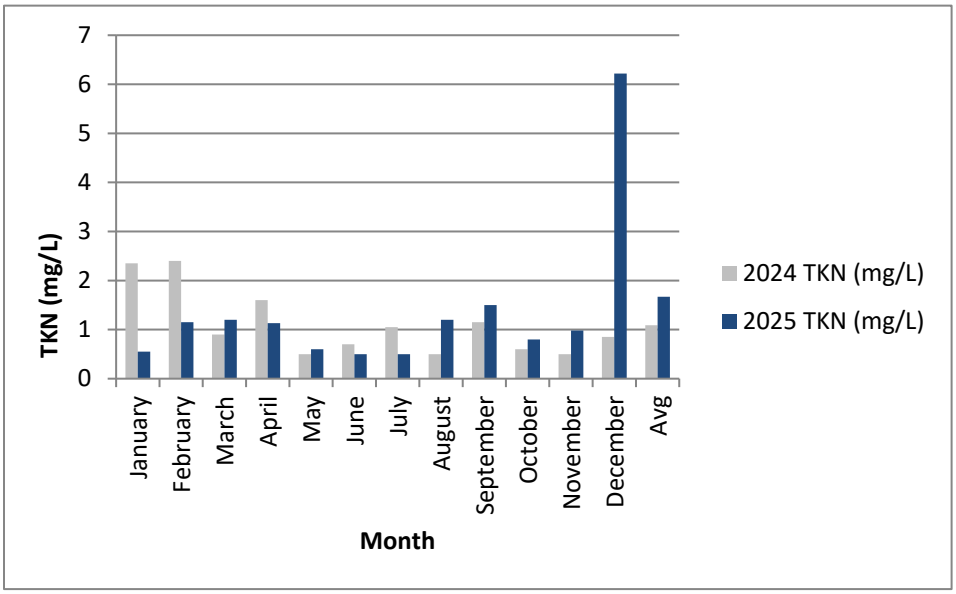
Unionized ammonia (NH_3) is the toxic fraction of ammonia; however, there is currently no ECA objective or limit for NH_3. The Provincial Water Quality Objective (PWQO) of 0.02 mg/L is intended as a guideline for the protection of aquatic life and is not a regulated effluent limit. In December 2025, a concentration of 0.04 mg/L was calculated, representing a brief exceedance of the PWQO (refer to Figure 12). This exceedance is not considered a reportable non-compliance under the facility's ECA and was directly attributable to elevated TAN concentrations resulting from reduced nitrification efficiency during cold-weather conditions. Operational adjustments implemented to restore nitrification subsequently improved ammonia removal performance.

Figure 12: *NH_3 Concentrations, 2024 to 2025 against PWQO*



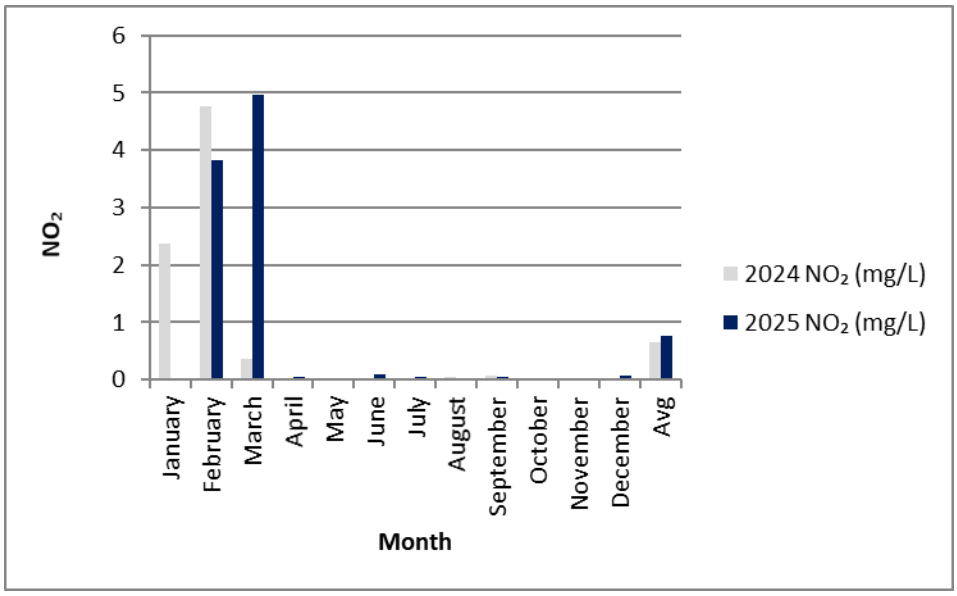
The annual average effluent concentration for Total Kjeldahl Nitrogen (TKN) in 2025 was 1.67 mg/L, which is a 53% increase compared to 2024 (refer to Figure 13). There are no ECA objectives or limits for TKN; however, elevated TKN concentrations are not desirable, as they indicate increased levels of reduced nitrogen in the effluent. The increase observed in 2025 was temporary and primarily associated with ammonia accumulation during a period of reduced nitrification efficiency in December.

Figure 13: *Monthly Average Effluent TKN Concentrations, 2024 to 2025*



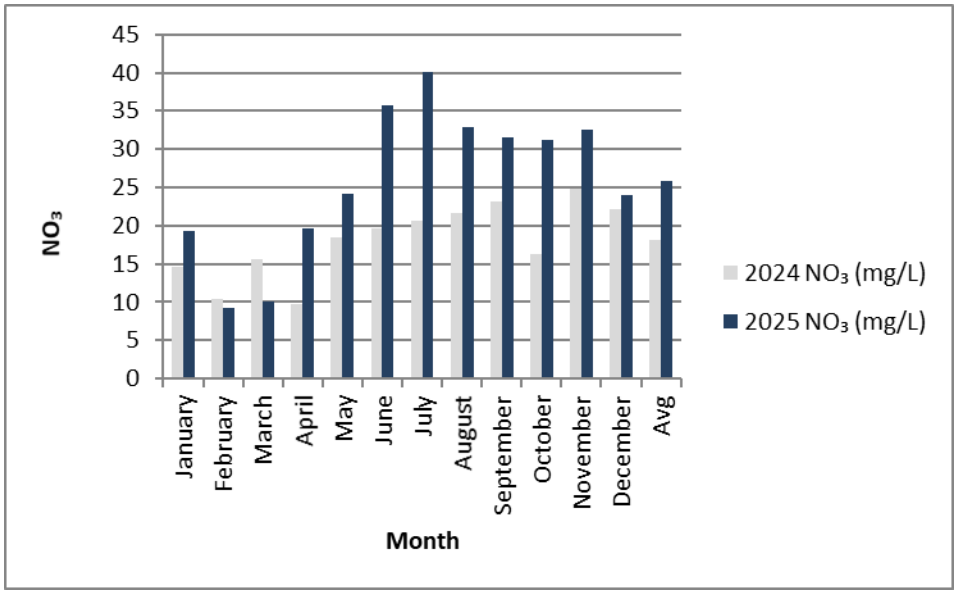
The annual average effluent concentration for Nitrite (NO_2) in 2025 was 0.77 mg/L, which is an 18% increase compared to 2024 (refer to Figure 14). This is attributed to elevated NO_2 concentrations observed in February and March. Nitrite accumulation can occur when ammonia-oxidizing bacteria recover more rapidly than nitrite-oxidizing bacteria under cold-weather conditions, resulting in incomplete nitrification. The observed NO_2 concentrations reflect a transitional nitrification response during late winter and early spring rather than a sustained process upset. As biological conditions stabilized, nitrite concentrations returned to typical levels.

Figure 14: *Monthly Average Effluent NO_2 Concentrations, 2024 to 2025*



The annual average effluent concentration for Nitrate (NO_3) in 2025 was 25.89 mg/L, which is a 43% increase compared to 2024 (refer to Figure 15). There are no ECA objectives or limits for NO_3; however, nitrate is monitored to confirm that nitrification is occurring. The consistent presence of nitrate throughout the year indicates that ammonia was effectively converted to nitrate for most of the reporting period, with seasonal variability consistent with expected biological treatment performance especially during the winter months.

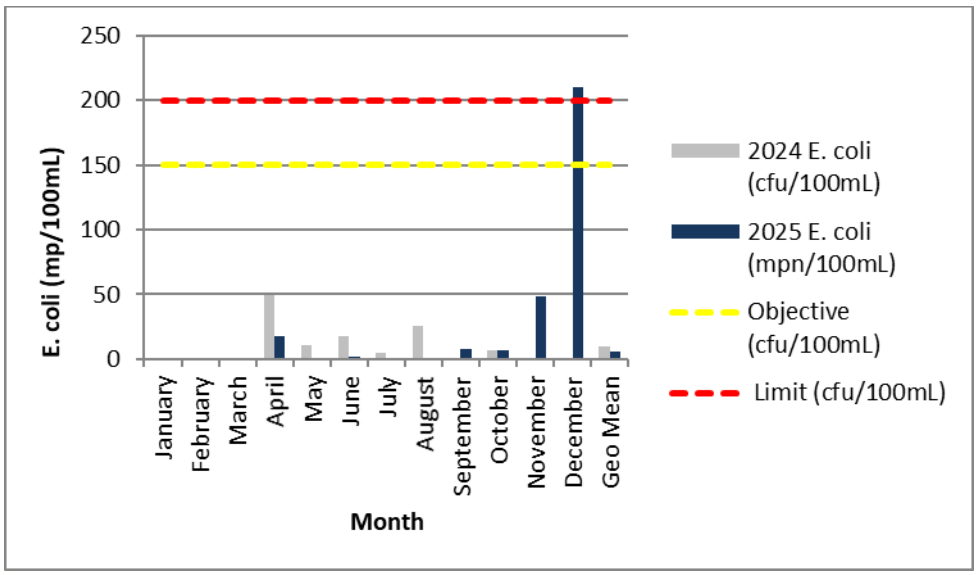
Figure 15: *Monthly Average Effluent NO_3 Concentrations, 2024 to 2025*



In 2025, SGS lab updated their E. coli measurement method to mpn/100mL (most probable number) rather than cfu/100mL. As per the ECA, the ECA objectives and limits remain the same for mpn/100mL sample results as they are for cfu/100mL sample results.

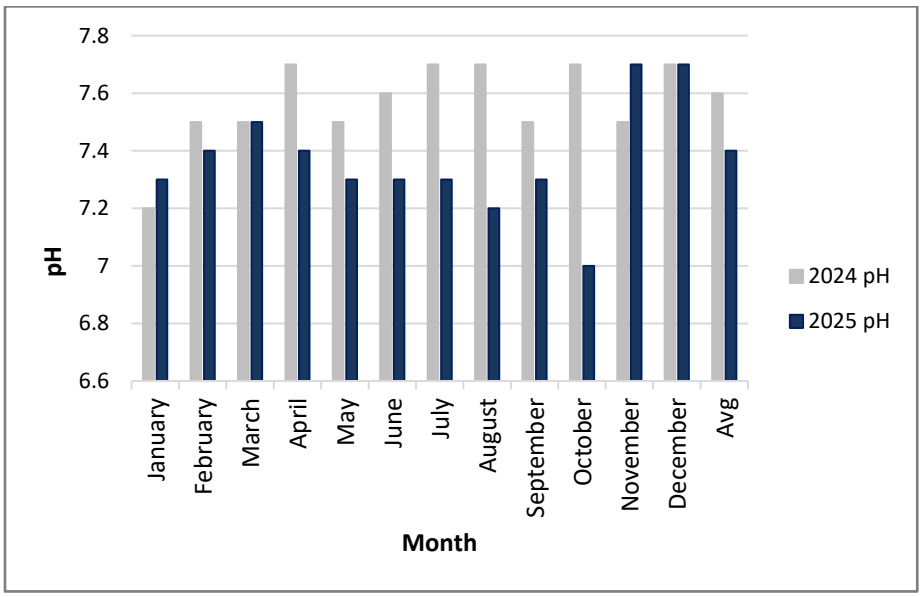
The annual effluent geometric mean for E. coli was 6.3 mpn/100 mL in 2025, which is a 35% decrease from the annual geometric mean in 2024 (refer to Figure 16). Despite the annual average decrease, there was an exceedance of the ECA limit for E. coli concentration in December. This occurred outside of the UV disinfection period (April 15 to October 15) when a rigorous cleaning of the effluent channel was conducted in response to elevated TSS. This action, in addition to elevated concentrations of TSS, is the likely cause of the E. coli exceedance. Effluent concentrations were back within expected ranges and under the ECA limit at the end of the month.

Figure 16: *Monthly Geometric Mean Effluent E. coli Concentrations, 2024 to 2025 against ECA Limit and Objective*



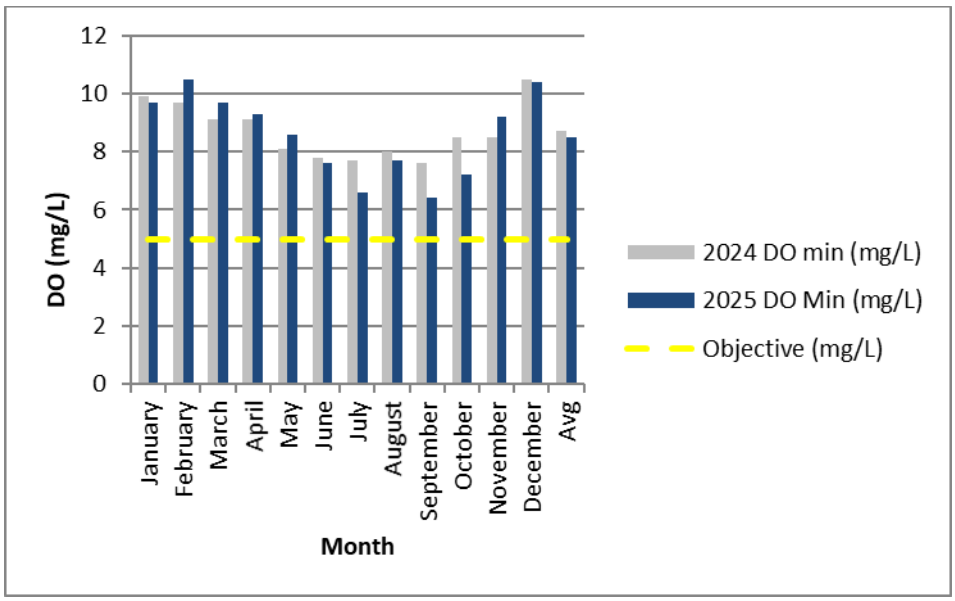
In 2025, effluent pH at the Rodney WPCP ranged from 7.0 to 7.77 and was thus within the recommended range of 6.5 to 8.5. The 2025 pH average of 7.4 is slightly lower than the 2024 average (refer to Figure 17).

Figure 17: *2024 and 2025 Effluent pH*



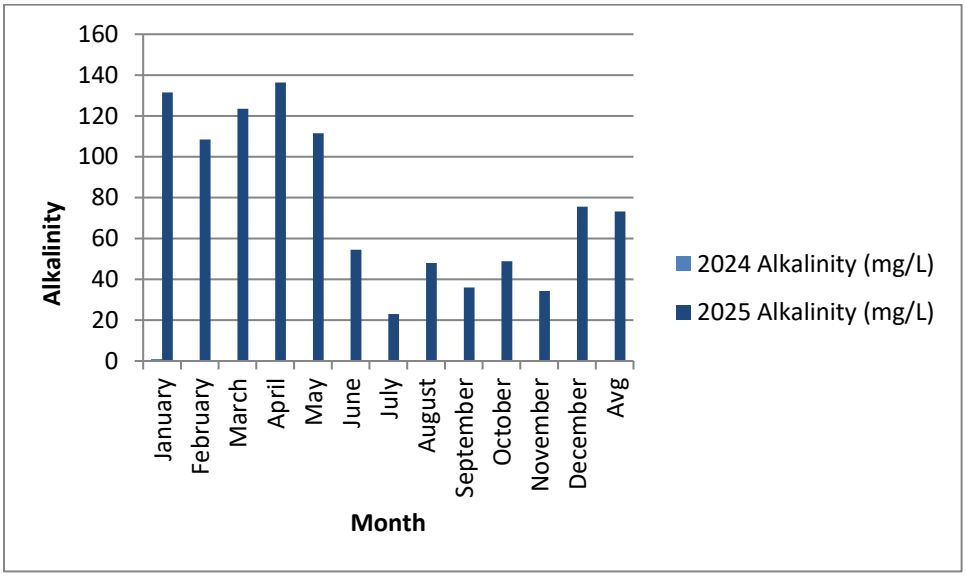
In 2025, the average concentration of DO in the final effluent was 8.5 mg/L, which is a 2% decrease from the average concentration in 2024 (refer to Figure 18). The minimum DO ECA objective was met throughout 2025.

Figure 18: *Monthly DO Concentrations, 2024 to 2025 against ECA Objective*



In 2025, the average monthly effluent alkalinity concentration was 73 mg/L, which is a 25% decrease from the average monthly concentration in 2024 (refer to Figure 19). This decrease is attributed to higher raw TKN concentrations which increased nitrification demand and subsequently alkalinity consumption. There are no ECA objectives or limits for alkalinity; however, an operational guideline is a minimum of 40 mg/L.

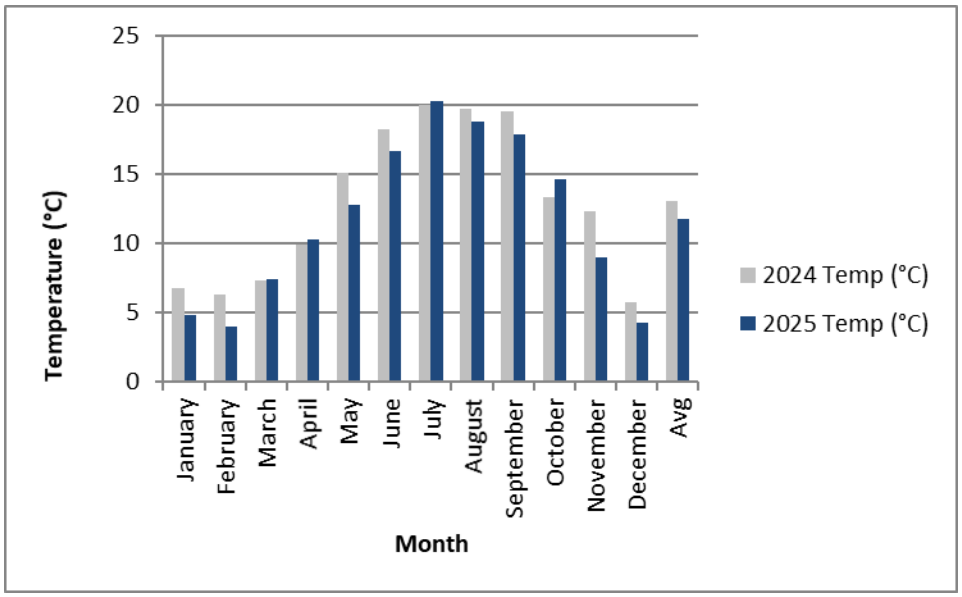
Figure 19: *Monthly Alkalinity Concentrations, 2024 to 2025*



In 2025, effluent temperature at the Rodney WPCP ranged from 4.02 °C to 20.24 °C. This is similar to the range seen in 2024 (refer to Figure 20). There are no ECA objectives or limits for temperature; however, it is measured to help interpret treatment performance and understand seasonal changes that can affect parameters such as ammonia, dissolved oxygen, and biological

activity in the system. This level of temperature variation seen in 2025 is normal for municipal wastewater systems in Ontario and does not present any operational or compliance concerns.

Figure 20: *Monthly Average Effluent Temperatures, 2024 to 2025*



Section 4: Monitoring Schedule

In 2025, deviations from the approved monitoring schedule were required due to operational and staffing constraints. This included changing the raw and effluent sample date from April 1st to April 4th as the result of the clarifier being drained and taken offline and raw flow being directed to the lagoon. On November 18th raw and effluent samples were moved to November 19th due to staffing shortages.

Additional final effluent samples were collected on October 31st to evaluate the effectiveness of effluent channel cleaning, sand filter maintenance, and wasting adjustments in response to elevated TSS concentrations. Further final effluent sampling was conducted on November 28th to assess the impact of additional wasting adjustments on TSS concentrations.

All changes to the monitoring schedule must be approved by Operations Management and the Process and Compliance Technician. These changes are then recorded on the monitoring schedule. Refer to Appendix B for the monitoring schedule for 2025.

Section 5: Operating Issues and Corrective Actions

In 2025, the Rodney WPCP experienced several operational issues that temporarily affected effluent quality. These issues were primarily related to high influent flows, planned maintenance activities, plant upgrades, equipment malfunctions, and extreme cold weather conditions.

Elevated effluent TSS concentrations were observed during periods when solids removal capacity was reduced. In April, increased TSS levels were associated with the temporary removal

of the clarifier from service for maintenance, which reduced settling capacity, combined with a scum pump failure that limited effective removal of floating solids. Corrective actions included completing the required clarifier maintenance and returning the unit to service, after which effluent TSS concentrations improved.

Additional TSS impacts occurred during plant upgrade activities associated with the bar screen decommissioning. Modifications were required for the removal of the rake, resulting in manual cleaning by operations staff and increased solids loading to downstream processes. Corrective actions included increased operator monitoring, manual debris removal, adjustments to wasting rates, and sand filter and effluent channel cleaning.

Equipment malfunctions also contributed to elevated TSS concentrations at various times throughout the year, including failures of the return activated sludge (RAS) pump and scum pump, which affected sludge return and scum removal efficiency. Corrective actions included repair and restoration of the affected equipment, increased process monitoring, and operational adjustments to stabilize solids handling.

In December, elevated TAN concentrations were observed following a sudden drop in temperature, which reduced biological activity due to inadequate concentrations of mixed liquor suspended solids (MLSS) in the aeration tanks. Corrective actions included decreasing wasting rates to rebuild MLSS concentrations to support the nitrification process. Effluent quality improved following these operational adjustments and the return to stable treatment conditions.

Section 6: Maintenance

Regular scheduled monthly preventative maintenance is assigned and monitored using the Workplace Management System (WMS) program. Refer to Appendix D for a summary of work completed during the reporting period. The following is a summary of maintenance performed other than WMS work orders:

- Clarifier draining/cleaning, obtaining measurements for upgrades
- WPCP Upgrades – concrete work; property regrading; alum tank drained and decommissioned
- RAS pump repairs - WPCP
- Scum pump inspection - WPCP
- Sump pump replacement – WPCP
- Air compressor repairs - WPCP

Section 7: Effluent Quality Assurance

Effluent quality assurance is evaluated by monitoring parameters and changes throughout the plant processes. Operators monitor the aeration tanks by performing weekly tests on the mixed liquor. These tests include dissolved oxygen, pH, temperature, settling tests, and Mixed Liquor Suspended Solids (MLSS). As well, operators monitor alum dosages, wasting volumes and return activated sludge suspended solids. Data collected from these tests provide information to the operator to make the appropriate adjustments in the treatment process and take corrective actions before the plant reaches its effluent limits.

Section 8: Calibration and Maintenance

Regular scheduled monthly preventative maintenance is assigned and monitored using the Workplace Management System program. Refer to Appendix D for a work order preventative maintenance summary.

Annual maintenance on the generator was completed in July by Albert's Generator Service.

SCG Flow Metrix Technical Services Inc. performed the annual calibrations on the flow meters in April. Refer to Appendix C for calibration records.

In-house meters for pH and dissolved oxygen are calibrated by OCWA operators as per manufacturer's instructions.

Section 9: Design Objectives

The influent flow is currently at 59% of the rated capacity. In 2025, the effluent objectives were achieved more than 50% of the time and there is no increasing trend in deterioration of final effluent quality. Therefore, there is no additional assessment required. Treatment plant upgrades are currently underway and are expected to further enhance the effluent quality.

Section 10: Sludge Generation

The lagoon is utilized for sludge digestion and storage in accordance with the ECA. Waste activated sludge (WAS) is transferred to the lagoon, where it settles to the bottom. Following settling, the lagoon is decanted, and the supernatant is pumped back to the head of the plant for treatment. In 2025, the total amount of WAS transferred to the lagoon was approximately 1940 m^3. For 2026, the amount of sludge generated is expected to be approximately 2100 m^3. The lagoon has ample storage for the sludge and will not require cleanout in the coming year.

Section 11: Community Complaints

There were no community complaints received in 2025.

Section 12: Bypasses, Overflow, Spills, and Other Situations Outside Normal Operating Conditions

There were no bypasses or overflows reported for the treatment plant in 2025. On March 27, 2025, raw flow was diverted to the Rodney lagoon for maintenance on the clarifier. Maintenance was completed on April 2, and raw flow was returned to the plant at that time. Approximately 482 m^3 of raw influent was diverted to the lagoon during this period.

Section 13: Modifications to Sewage Works

Currently, the Rodney WPCP is undergoing plant upgrades. Modifications that have been made to the sewage works under paragraph 1.d. Condition 10 of the ECA include the aluminum sulfate tank being drained and decommissioned.

Section 14: Efforts made to Achieve Conformance with Procedure F-5-1

The Rodney WPCP secondary and post-secondary treatment is provided by two aeration tanks, one clarifier, a sand filter system, and final disinfection from UV. Supplementary phosphorus removal is also achieved with the addition of aluminum sulfate. The treatment components are capable of producing effluent quality that exceeds the effluent design objectives specified in Procedure F-5-1. The Rodney WPCP 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 for the Rodney WPCP or the sanitary system in 2025. There are no projects at this time planned in the sanitary sewer system.

Section 15: Schedule for the Completion of Construction

All construction and upgrades of the Rodney WPCP are expected to be completed by the end of August, 2026. Please see ‘Appendix E: Construction Schedule’ for details.

Section 16: Summary

Despite the operational challenges described in Section 5, overall, the Rodney WPCP provided effective treatment in 2025.

APPENDIX A

Analytical Data

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Performance Assessment Report

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

5834 RODNEY WASTEWATER TREATMENT PLANT 110001667

	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 m³/d	14,662.40	10,396.00	11,748.70	11,710.26	11,599.70	10,295.71	9,425.20	10,677.20	12,305.30	7,968.70	6,958.30	8,778.30	126,525.77			0.00
Raw Flow: Avg - Raw m³/d	472.98	371.29	378.99	390.34	374.18	343.19	304.04	344.43	410.18	257.05	231.94	274.32		346.65		590.00
Raw Flow: Max - Raw m³/d	685.70	510.50	512.00	597.20	427.00	506.90	475.70	421.60	3,337.90	308.80	354.60	391.90			3,337.90	0.00
Raw Flow: Count - Raw 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 - Effluent m³/d	14,662.40	10,396.00	13,391.70	11,710.26	11,599.70	10,295.71	9,425.20	10,677.20	12,305.30	7,968.70	6,958.30	8,778.30	128,168.77			0.00
Eff. Flow: Avg - Effluent m³/d	472.98	371.29	431.99	390.34	374.18	343.19	304.04	344.43	410.18	257.05	231.94	274.32		351.15		
Eff. Flow: Max - Effluent m³/d	685.70	510.50	631.30	597.20	427.00	506.90	475.70	421.60	3,337.90	308.80	354.60	391.90			3,337.90	0.00
Eff Flow: Count - Effluent 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
Carbonaceous Biochemical Oxygen Demand: CBOD																
Eff: Avg cBOD5 - Effluent mg/L	< 2.00	< 2.00	< 2.50	< 3.00	< 3.00	< 2.50	< 2.00	< 2.00	< 2.00	< 2.67	< 3.20	< 5.00		< 2.91	< 5.00	15.00
Eff: # of samples of cBOD5 - Effluent	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	35.00			0.00
Loading: cBOD5 - Effluent kg/d	< 0.946	< 0.743	< 1.080	< 1.171	< 1.123	< 0.858	< 0.608	< 0.689	< 0.820	< 0.685	< 0.742	< 1.416		< 1.02	< 1.42	
Biochemical Oxygen Demand: BOD5																
Raw: Avg BOD5 - Raw mg/L	107.00	123.00	141.50	130.00	230.50	92.50	78.00	255.00	232.50	156.00	116.25	171.00		151.82	255.00	0.00
Raw: # of samples of BOD5 - Raw	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	5.00	4.00	5.00	33.00			0.00
Eff: Avg BOD5 - Effluent mg/L	3.00	< 2.50	3.00	< 3.00	< 6.00	< 2.00	< 2.50	3.00	< 2.00	0.00	0.00	0.00		3.00	6.00	15.00
Loading: BOD5 - Effluent kg/d	1.419	< 0.928	1.296	< 1.171	< 2.245	< 0.686	< 0.760	1.033	< 0.820	0.000	0.000	0.000		1.05	2.25	6.900
Percent Removal: BOD5 - Raw %	97.20	97.97	97.88	97.69	97.40	97.84	96.79	98.82	99.14	0.00	0.00	0.00		97.86	99.14	0.00
Total Suspended Solids: TSS																
Raw: Avg TSS - Raw mg/L	115.00	120.00	158.50	106.33	366.50	91.00	126.00	137.00	253.00	191.60	85.25	192.60		161.06	366.50	0.00
Raw: # of samples of TSS - Raw	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	5.00	4.00	5.00	33.00			0.00
Eff: Avg TSS - Effluent mg/L	3.00	6.00	4.00	8.00	< 3.50	5.00	< 2.50	< 2.00	< 2.50	< 10.33	9.00	< 16.20		7.69	16.20	15.00
Eff: # of samples of TSS - Effluent	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	35.00			0.00
Loading: TSS - Effluent kg/d	1.419	2.228	1.728	3.123	< 1.310	1.716	< 0.760	< 0.689	< 1.025	< 2.656	2.087	< 4.587		2.70	4.59	6.900
Percent Removal: TSS - Raw %	97.39	95.00	97.48	92.48	99.05	94.51	98.02	98.54	99.01	94.61	89.44	91.59		95.59	99.05	0.00
Total Phosphorus: TP																
Raw: Avg TP - Raw mg/L	3.16	3.93	3.42	3.72	6.52	3.19	2.38	4.74	5.80	5.44	4.22	5.89		4.57	6.52	0.00
Raw: # of samples of TP - Raw	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	5.00	4.00	5.00	33.00			0.00
Eff: Avg TP - Effluent mg/L	0.12	0.13	0.11	0.25	0.18	0.27	0.14	0.11	0.08	0.18	0.20	0.29		0.19	0.29	1.00
Eff: # of samples of TP - Effluent	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	35.00			0.00
Loading: TP - Effluent kg/d	0.054	0.048	0.045	0.098	0.067	0.093	0.043	0.036	0.033	0.047	0.047	0.083		0.07	0.10	0.400
Percent Removal: TP - Raw %	96.35	96.69	96.93	93.28	97.24	91.52	94.12	97.78	98.62	96.63	95.16	95.01		95.78	98.62	0.00
Nitrogen Series																
Raw: Avg TKN - Raw mg/L	23.10	33.00	29.70	35.87	57.10	29.85	20.10	41.60	55.00	50.16	40.50	45.22		40.16	57.10	0.00
Raw: # of samples of TKN - Raw	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	5.00	4.00	5.00	33.00			0.00
Eff: Avg TAN - Effluent mg/L	< 0.10	0.90	< 1.05	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.33	< 0.78	5.06		< 1.05	< 5.06	5.00
Eff: # of samples of TAN - Effluent	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	35.00			0.00
Loading: TAN - Effluent kg/d	< 0.047	0.334	< 0.454	< 0.039	< 0.037	< 0.034	< 0.030	< 0.034	< 0.041	< 0.086	< 0.181	1.433		< 0.37	< 1.43	2.200
Eff: Avg NO3-N - Effluent mg/L	19.25	9.30	10.13	19.57	24.20	35.80	40.10	32.85	31.60	31.28	32.61	24.00		25.89	40.10	0.00

Performance Assessment Report

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Eff: # of samples of NO3-N - Effluent	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	35.00			0.00
Eff: Avg NO2-N - Effluent mg/L	< 0.03	3.82	4.96	< 0.05	< 0.03	0.09	< 0.04	< 0.03	< 0.05	< 0.03	< 0.03	< 0.07		< 0.77	< 4.96	0.00
Eff: # of samples of NO2-N - Effluent	2.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	35.00			0.00
Disinfection																
Eff: GMD E. Coli MPN - Effluent MPN	0.00	0.00	0.00	17.66	1.00	1.73	1.00	1.00	7.55	7.08	48.17	209.90				
Eff: # of samples of E. Coli MPN - Effluent	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.00	2.00	6.00	5.00	5.00	28.00			0.00

APPENDIX B

Monitoring Schedule

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 1 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

January 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 **STAT**	2	3 IH Reduced	4
5	6	7 IH Full Raw & Effluent Samples	8	9	10 IH Reduced	11
12	13	14 IH Full	15	16	17 IH Reduced	18
19	20	21 IH Full Raw & Effluent Samples	22	23	24 IH Reduced	25
26	27	28 IH Full	29	30	31 IH Reduced	

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 2 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

February 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4 IH Full Raw & Effluent Samples	5	6	7 IH Reduced	8
9	10	11 IH Full	12	13	14 IH Reduced	15
16	17 **STAT**	18 IH Full Raw & Effluent Samples	19	20	21 IH Reduced	22
23	24	25 IH Full	26	27	28 IH Reduced	

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

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2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 3 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

March 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4 IH Full Raw & Effluent Samples	5	6	7 IH Reduced	8
9	10	11 IH Full	12	13	14 IH Reduced	15
16	17	18 IH Full Raw & Effluent Samples	19	20	21 IH Reduced	22
23	24	25 IH Full	26	27	28 IH Reduced	29
30	31					

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

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2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 4 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

April 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 IH Full Raw & Effluent Samples	2	3	4 IH Reduced	5
6	7	8 IH Full	9	10	11 IH Reduced	12
13	14	15 IH Full Raw & Effluent Samples	16	17 IH Reduced	18 **STAT**	19
20	21 **STAT**	22 IH Full	23	24	25 IH Reduced	26
27	28	29 IH Full Raw & Effluent Samples	30			

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

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2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 5 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

May 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 IH Reduced	3
4	5	6 IH Full Annual H&S Walkthrough	7	8	9 IH Reduced	10
11	12	13 IH Full Raw & Effluent Samples	14	15	16 IH Reduced	17
18	19 **STAT**	20 IH Full	21	22	23 IH Reduced	24
25	26	27 IH Full Raw & Effluent Samples	28	29	30 IH Reduced	31

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
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Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

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2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 6 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

June 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 IH Full	4	5	6 IH Reduced	7
8	9	10 IH Full Raw & Effluent Samples	11	12	13 IH Reduced	14
15	16	17 IH Full	18	19	20 IH Reduced	21
22	23	24 IH Full Raw & Effluent Samples	25	26	27 IH Reduced	28
29	30					

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

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2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 7 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

July 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 **STAT**	2 IH Full	3	4 IH Reduced	5
6	7	8 IH Full Raw & Effluent Samples	9	10	11 IH Reduced	12
13	14	15 IH Full	16	17	18 IH Reduced	19
20	21	22 IH Full Raw & Effluent Samples	23	24	25 IH Reduced	26
27	28	29 IH Full	30	31		

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 8 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

August 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 IH Reduced	2
3	4 **STAT**	5 IH Full Raw & Effluent Samples	6	7	8 IH Reduced	9
10	11	12 IH Full	13	14	15 IH Reduced	16
17	18	19 IH Full Raw & Effluent Samples	20	21	22 IH Reduced	23
24	25	26 IH Full	27	28	29 IH Reduced	30
31						

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 9 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

September 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 **STAT**	2 IH Full Raw & Effluent Samples	3	4	5 IH Reduced	6
7	8	9 IH Full	10	11	12 IH Reduced	13
14	15	16 IH Full Raw & Effluent Samples	17	18	19 IH Reduced	20
21	22	23 IH Full	24	25	26 IH Reduced	27
28	29	30 **STAT**				

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 10 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

October 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 IH Full Raw & Effluent Samples	2	3 IH Reduced	4
5	6	7 IH Full Raw & Effluent Samples	8	9	10 IH Reduced	11
12	13 **STAT**	14 IH Full Raw & Effluent Samples	15	16	17 IH Reduced	18
19	20	21 IH Full Raw & Effluent Samples	22	23	24 IH Reduced	25
26	27	28 IH Full Raw & Effluent Samples	29	30	31 IH Reduced	

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 11 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

November 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4 IH Full Raw & Effluent Samples	5	6	7 IH Reduced	8
9	10	11 **STAT**	12 IH Full Raw & Effluent Samples	13	14 IH Reduced	15
16	17	18 IH Full Raw & Effluent Samples	19	20	21 IH Reduced	22
23	24	25 IH Full Raw & Effluent Samples	26	27	28 IH Reduced	29
30						

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

QEMS Ontario Clean Water Agency	Sample Schedule 2025 5834 Rodney WWTP	Issued: 2025-06-26 Rev.#: 1 Pages: 12 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

December 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 IH Full Raw & Effluent Samples	3	4	5 IH Reduced	6
7	8	9 IH Full Raw & Effluent Samples	10	11	12 IH Reduced	13
14	15	16 IH Full Raw & Effluent Samples	17	18	19 IH Reduced	20
21	22 IH Full Raw & Effluent Samples	23	24 IH Reduced	25 **STAT**	26 **STAT**	27
28	29	30 IH Full Raw & Effluent Samples	31			

IH (In House) Full:	Raw (pH,Temp, Alk) Aeration (Set Test, MLSS, MLVSS, DO, pH, Temp.) RAS (SS) Lagoon Decant (TP, TAN, pH, DO) Effluent 24hr Composite (SS, TP, TAN); Grab (pH, DO, Temp. Alkalinity)
IH (In House) Reduced:	Aeration (Set Test, DO, pH, Temp.) Effluent (DO, pH, Temp., TP, TAN)
Raw Samples: Weekly	24hr Composite (BOD5, SS, TP, TKN)
Effluent Samples: Weekly	24hr Composite (CBOD5, SS, TP, TAN, TKN, NO3, NO2) Grab (E. coli, Alkalinity, DO, pH, Temp.)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility. At the end of the month hand in to the PCT with folder.

Revision History

Date	Revision #	Reason for Revision	Revision By
2024-12-05	*0*	*Create Schedule*	*Terri-Lynn Thomson*
2025-09-26	*1*	*Revised for new ECA*	*Terri-Lynn Thomson*

APPENDIX C

Flow Meter Verification

FLOWMETRIX
TECHNICAL SERVICES

v-Notch Weir
Verification/Calibration Report

AS FOUND CERTIFICATION

PASS

CLIENT DETAIL

CUSTOMER	OCWA Southwest Middlesex
CONTACT	Sam Smith
	Senior Operations Manager
	2701 Old Lakeshore Rd
	Brights Grove ON N0N 1C0
	P:519-768-9925
	C:226-377-1540
	E:ssmith@ocwa.com
VER. BY - FM	Daniel Kettlewell

Quality Management Standards Information - Reference equipment and instrumentation used to conduct this verification test is found in our AC-QMS document at the time this test was conducted.

EQUIPMENT DETAIL

[MUT] MANUFACTURER	Milltronics
MODEL	OCM-III
CONVERTER SERIAL NUMBER	05020C022466
PLANT ID	Rodney WWTP
METER ID	Clarifier Meter
FIT ID	n/a
CLIENT TAG	OCWA# 123072
OTHER	ORG#5834
GPS COORDINATES	N42 33.787 W081 39.977
VERIFICATION DATE	April 17th 2025
CAL. FREQUENCY	Annual
CAL. DUE DATE	April 2026

PROGRAMMING PARAMETERS

NOTCH ANGLE (ϕ)	inches	30
EMPTY DISTANCE, TX to notch	m	0.931
TRANSDUCER (TX), to sump flc	m	n/a
SUMP LEVEL, zero flow	m	n/a
MAX. HEAD	m	0.387
BLANKING DISTANCE	m	0.570
DEAD ZONE	m	-0.026
MAX. FLOW	M3/D	2998.9
F.S. RANGE - O/P	M3/D	2998.9

TOTALIZER

AS FOUND	2222395	M3
AS LEFT	2222405	M3
DIFFERENCE	10	M3

TEST CRITERIA

AS FOUND CERTIFICATION TEST	Yes
ALLOWABLE [%] ERROR	5

COMPONENTS TESTED

CONVERTER DISPLAY	yes
mA OUTPUT	yes
TOTALIZER	yes
ACCURACY BASED ON [% o.r.]	no

Ultrasonic Sensor is not installed high enough, to ensure full scale flow conditions

ERROR DOCUMENTED IN THIS REPORT; BASED ON % F.S.

AS FOUND TEST RESULTS

				0.0	24.4	40.7	62.3	89.5	% F.S. Range
				0.000	0.220	0.270	0.320	0.370	m
REF. FLOW RATE				**0.000**	**732.002**	**1221.419**	**1867.800**	**2685.095**	M3/D
MUT [Reading]				0.000	736.490	1194.310	1775.510	2606.080	M3/D
MUT [Difference]				0.000	4.488	-27.109	-92.290	-79.015	M3/D
MUT [% Error]				0.0	0.1	-0.9	-3.1	-2.6	%
mA OUTPUT				**4.000**	**7.905**	**10.517**	**13.965**	**18.326**	mA
MUT [Reading]	min.	4.000	mA	4.000	7.905	10.399	13.385	17.822	mA
MUT [Difference]	max.	20.000	mA	0.000	0.000	-0.118	-0.580	-0.504	mA
MUT [% Error]				0.00	0.00	-0.59	-2.90	-2.52	%
TOTALIZER - REF. FLOW RATE								**2685.095**	M3/D
TOTALIZER [MUT]								2	M3
TEST TIME								66.93	SECONDS
CALC. TOTALIZER								2.080	M3
ERROR								-4.00	%

COMMENTS

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] LEVEL	Sim. BOARD	Yes
PROCESS METER	PM	0
STOP WATCH	SW	n/a

RESULTS

TEST	AVG %FS	PASS FAIL
DISPLAY	-1.62	PASS
mA OUTPUT	-1.20	PASS
TOTALIZER	-4.00	PASS

This report reflects the test results of the overall accuracy for the above flow converter using the specified manufacturers flow tube simulator to within the specified tolerance as identified within this report.

APPENDIX D

Work Order Schedule

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4298396	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	1/1/25 12:00 AM	1/27/25 09:14 AM	1/27/25 09:14 AM	Tested -Tested facility alarms to ensure multiple alarms call out at dialer.
4298869	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	1/1/25 12:00 AM	2/27/25 09:14 AM	2/27/25 09:14 AM	Completed - Generator was tested and data was recorded on QEMS sheet.
4299172	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	1/1/25 12:00 AM	1/16/25 08:50 AM	1/16/25 08:50 AM	No UV -UV is not in for the season.
4299205			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	1/1/25 12:00 AM	1/27/25 09:11 AM	1/27/25 09:11 AM	Facility Maintenance - Basic facility maintenance was completed during the month.
4299611			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	1/1/25 12:00 AM	1/27/25 09:13 AM	1/27/25 09:13 AM	Completed - Completed facility inspections
4300071			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	YEARS	Lifting Device Insp Route (1y) - 5834	CLOSE	1/1/25 12:00 AM	2/27/25 09:15 AM	4/28/25 01:53 PM	Kone Cranes -Kone Cranes was on-site during the month to inspect the lifting devices.
4351989	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	2/1/25 12:00 AM	2/28/25 09:39 AM	2/28/25 09:39 AM	Tested - Alarm dialler was tested by operating generator and testing for generator alarm this month. All operations were as expected.
4352397	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	2/1/25 12:00 AM	2/28/25 09:40 AM	2/28/25 09:40 AM	02/27/2025 -The generator was ran on 02/27 and all data was recorded on the QEMS Generator Operating Record.
4352695	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	2/1/25 12:00 AM	2/27/25 09:16 AM	2/27/25 09:16 AM	No UV -No UV installed during the freezing period.
4352730			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	2/1/25 12:00 AM	2/27/25 09:18 AM	2/27/25 09:18 AM	Completed - Facility garbage, facilities, cleanliness, etc maintained
4352905			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	2/1/25 12:00 AM	2/28/25 09:41 AM	2/28/25 09:41 AM	COmpleted -OHSA inspection was completed and deficiencies were recorded for fixing.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4353534	0000123122	PUMP CENT 01 RAW SLUDGE BLDG	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent 01 RAS Insp/Service (1y) - 5834	CLOSE	2/1/25 12:00 AM	2/28/25 09:43 AM	2/28/25 09:43 AM	Running Checks -Running Checks were completed on RAS pumps. All operations normal and basic maintenance is kept up with.
4353537	0000123115	PUMP CENT 02 RAW SLUDGE BLDG	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent 02 RAS Insp/Service (1y) - 5834	CLOSE	2/1/25 12:00 AM	2/28/25 09:43 AM	2/28/25 09:43 AM	Running Checks - Running Checks were completed on RAS pumps. All operations normal and basic maintenance is kept up with.
4396257	0000123845	AERATOR MECHANICAL 01	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 01 Insp/Service (3m) - 5834	CLOSE	3/1/25 12:00 AM	3/17/25 08:29 AM	3/17/25 08:29 AM	Running Checks -Running checks completed. No major maintenance was completed as these are scheduled to be replaced with blowers.
4396261	0000123843	AERATOR MECHANICAL 02	5834, Rodney WWTP, Process	PM	Inspection	0		Aerator Mechanical 02 Insp/Service (3m) - 5834	CLOSE	3/1/25 12:00 AM	3/17/25 08:37 AM	3/17/25 08:37 AM	Not runnin -Asset is not running and needs to be decomissioned.
4396265	0000123841	AERATOR MECHANICAL 03	5834, Rodney WWTP, Process	PM	Inspection	0		Aerator Mechanical 03 Insp/Service (3m) - 5834	CLOSE	3/1/25 12:00 AM	3/17/25 08:50 AM	3/17/25 08:50 AM	Asset Decomissioned - Asset does not run
4396269	0000123839	AERATOR MECHANICAL 04	5834, Rodney WWTP, Process	PM	Inspection	0		Aerator Mechanical 04 Insp/Service (3m) - 5834	CLOSE	3/1/25 12:00 AM	3/17/25 08:51 AM	3/17/25 08:51 AM	Asset - Assest is decomissioned.
4396273	0000123837	AERATOR MECHANICAL 05	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 05B Insp/ Service (3m) - 5834	CLOSE	3/1/25 12:00 AM	3/17/25 08:32 AM	3/17/25 08:32 AM	Running Checks - Running checks completed. No major maintenance as these are being replace with blowers.
4396282	0000123835	AERATOR MECHANICAL 06	5834, Rodney WWTP, Process	PM	Inspection	0		Aerator Mechanical 06 Insp/Service (3m) - 5834	CLOSE	3/1/25 12:00 AM	3/17/25 08:49 AM	3/17/25 08:49 AM	Asset Decomissioned - Asset is decomissioned.
4396344	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	3/1/25 12:00 AM	3/14/25 11:26 AM	3/14/25 11:26 AM	Completed -Alarms were received during a recent power outage (call back) and all applicable alarms were triggered and called out to the answering service.
4396746	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	3/1/25 12:00 AM	3/14/25 11:23 AM	3/14/25 11:23 AM	Completed -Generator ran during a recent power outage (callback) and the data was recorded on the generator QEMS sheet.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4397061	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	3/1/25 12:00 AM	3/14/25 11:21 AM	3/14/25 11:21 AM	No UV installed -Uv not installed during this freezing period
4397094			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	3/1/25 12:00 AM	3/15/25 03:37 PM	3/15/25 03:37 PM	Completed -Building garbages, waste, removed. Lighting inspected.
4397283			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	3/1/25 12:00 AM	3/15/25 03:33 PM	3/15/25 03:33 PM	3/14/25 -OHSA walkthrough was completed and deficiencies were found that will be corrected (expired first aid contents)
4427603			5834, Rodney WWTP	PM	Compliance	1	YEARS	Annual Performance Report (due March 30)- (1y) 5834	CLOSE	3/22/25 12:00 AM	3/31/25 08:37 AM	3/31/25 08:37 AM	- Report completed and emailed Mar 28th
4444466	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	4/1/25 12:00 AM	6/12/25 01:00 PM	6/12/25 01:00 PM	Completed -Alarm dialer testing was completed during the month work order was created. Also call outs were received after hours by operators to further confirm function.
4444910	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	4/1/25 12:00 AM	6/12/25 01:01 PM	6/12/25 01:01 PM	Completed - Engine was ran on emergency back up power and the results were recorded on the QEMS form.
4445202	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	4/1/25 12:00 AM	4/28/25 01:39 PM	4/28/25 01:39 PM	Working -UV bulbs were installed for the non freezing period and are working as intended. Some bulb replacements required however waiting on shipment.
4445235			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	4/1/25 12:00 AM	4/28/25 01:38 PM	4/28/25 01:38 PM	Upkeep -Basic facility upkeep has been completed throughout the month. Mainly grounds work for grass cutting as engineers have been on site more often.
4445413			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	4/1/25 12:00 AM	6/12/25 01:02 PM	6/12/25 01:02 PM	Inspected -Monthly inspections were completed and deficiencies were recorded to be addressed.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4449641	0000123072	METER FLOW FIT 002 SECONDARY	5834, Rodney WWTP, Instrumentation	PM	Calibration	1	YEARS	Meter Flow Insp/Service (1y) - 5834	CLOSE	4/1/25 12:00 AM	4/28/25 01:55 PM	4/28/25 01:55 PM	SCH Flowmetrix -Flowmetrix was on site during the month to completes the maintenance on the flow meters
4449647	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	UV Light Effluent Insp/Service (1y) - 5834	CLOSE	4/1/25 12:00 AM	4/28/25 01:56 PM	4/28/25 01:56 PM	Installed - The UV system has been placed back into service as the sample schedule requires it to be mid month. Inspected system and noted that some lamps need to be replaced. Bulbs were ordered and maintenance will be completed once available.
4449667	0000164735	VALVE BACKFLOW PREVENTER	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Backflow Preventer Insp (1y) - 5834	CLOSE	4/1/25 12:00 AM	6/30/25 02:30 PM	6/30/25 02:30 PM	Completed -Keith Douglas was on-site to complete this during the month.
4505476	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	5/1/25 12:00 AM	6/12/25 01:09 PM	6/12/25 01:09 PM	Completed - Alarms were tested at the facility and were set off for power failure, and plc failure.
4505878	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	5/1/25 12:00 AM	6/12/25 01:10 PM	6/12/25 01:10 PM	Completed - Generators were not tested during the month of May due to scheduling conflict. However inspections were completed and all systems appear in good order.
4506176	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	5/1/25 12:00 AM	6/12/25 01:12 PM	6/12/25 01:12 PM	Completed - UV bulbs were pulled, cleaned, and inspected. Equipment in great shape. Cleaned the UV channel of any debris build up to ensure no solids build up in channel
4506209			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	5/1/25 12:00 AM	6/12/25 01:12 PM	6/12/25 01:12 PM	Completed -Grass cut, garbages taken out, washrooms maintained. Floors swept, etc.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4506264			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	YEARS	OHSA Inspection & Report Rodney (1y) - 5834	CLOSE	5/1/25 12:00 AM	6/12/25 01:14 PM	6/12/25 01:14 PM	Inspected - The annual walkthrough and inspection was scheduled for completion in May. Monthly checks have been completed and all deficiencies have been noted.
4506395			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	5/1/25 12:00 AM	6/12/25 01:15 PM	6/12/25 01:15 PM	Completed - Monthly inspections were completed during the annual walkthrough of the facility.
4510331	0000123033	SAMPLER EFFLUENT FILTER BLDG	5834, Rodney WWTP, Instrumentation	PM	Refurbish/ Replace/Repair	1	YEARS	Sampler Effluent Filter Bldg Insp/ Service (1y) - 5834	CLOSE	5/1/25 12:00 AM	7/14/25 08:35 AM	7/14/25 08:35 AM	Inspected -Sampler inspected. Noted deficiencies and need to quote required repairs for function.
4510334	0000123084	SAMPLER INFLUENT B29	5834, Rodney WWTP, Instrumentation	PM	Refurbish/ Replace/Repair	1	YEARS	Sampler Influent B29 Insp/Service (1y) - 5834	CLOSE	5/1/25 12:00 AM	7/14/25 08:36 AM	7/14/25 08:36 AM	inspected -Inspected and noted required repairs for functon.
4571835	0000123845	AERATOR MECHANICAL 01	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 01 Insp/Service (3m) - 5834	CLOSE	6/1/25 12:00 AM	6/30/25 02:28 PM	6/30/25 02:28 PM	Inspected -Inspected. Visual inspections only as equipment is scheduled to be updated
4571839	0000123837	AERATOR MECHANICAL 05	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 05B Insp/ Service (3m) - 5834	CLOSE	6/1/25 12:00 AM	6/30/25 02:32 PM	6/30/25 02:32 PM	Inspected -Inspected. Visual inspections only as equipment is scheduled to be updated
4571906	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	6/1/25 12:00 AM	6/12/25 01:20 PM	6/12/25 01:20 PM	Completed -Alarms were set off by Birnam excavating completing work. Power failure, PLC failure, equipment failure. etc.
4572308	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	6/1/25 12:00 AM	7/14/25 08:37 AM	7/14/25 08:37 AM	Operated -Generator was operated and run data was recorded on facility QEMS sheet.
4572657	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	6/1/25 12:00 AM	6/30/25 02:25 PM	6/30/25 02:25 PM	Completed -Bulbs were pulled and cleaned, inspected during the month to ensure proper operation.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4572711			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	6/1/25 12:00 AM	6/30/25 02:31 PM	6/30/25 02:31 PM	Completed -Grass was cut, garbages taken care of , etc.
4572899			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	6/1/25 12:00 AM	7/14/25 08:42 AM	7/14/25 08:42 AM	Completed -Inspections were completed. Some deficiencies were noted and being worked on to meet requirements.
4577567	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Ps01 Insp/Service (1y) - 5834	CLOSE	6/1/25 12:00 AM	8/8/25 07:52 AM	8/8/25 07:52 AM	Alberts -Alberts generator was on site during the month to complete yearly inspections.
4633867	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	7/1/25 12:00 AM	7/21/25 08:01 AM	7/21/25 08:01 AM	Tested -Alarm Dialer testing was completed and ensured answering service notified operators of the alarm.
4634313	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	7/2/25 12:00 AM	8/8/25 07:55 AM	8/8/25 07:55 AM	Completed -Alberts generator was on site this month to complete yearly inspections and completed the transfer test.
4634609	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	7/2/25 12:00 AM	7/21/25 08:05 AM	7/21/25 08:05 AM	Completed -UV lights and channel were cleaned and inspected during day to day operations.
4634642			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	7/2/25 12:00 AM	7/21/25 08:04 AM	7/21/25 08:04 AM	Completed -Grass cutting and garbage were collecting. Ongoing construction on site.
4634813			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	7/2/25 12:00 AM	8/21/25 09:30 AM	8/21/25 09:30 AM	
4639466	0000123086	SCREEN BAR INFLUENT CHANNEL	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Screen Bar Influent Channel Insp/ Service (1y) - 5834	CLOSE	7/2/25 12:00 AM	7/21/25 08:06 AM	7/21/25 08:06 AM	Visual Inspection -Visual inspection of bar screen was completed. New bar screen to be installed with plant upgrades/
4639475	0000164710	VALVE BACKFLOW PREVENTER	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Backflow Preventer Insp (1y) - 5834	CLOSE	7/2/25 12:00 AM	7/21/25 08:06 AM	7/21/25 08:06 AM	Completed -Keith Douglas was on site to complete this task.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4639534	0000123837	AERATOR MECHANICAL 05	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Aerator Mechanical 05-B Insp/ Service (1y) - 5834	CLOSE	7/2/25 12:00 AM	7/26/25 08:37 PM	7/26/25 08:37 PM	Visual -Visual inspections completed. To be replaced with blowers.
4639538	0000123845	AERATOR MECHANICAL 01	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Aerator Mechanical 01 Insp/Service (1y) - 5834	CLOSE	7/2/25 12:00 AM	7/26/25 08:38 PM	7/26/25 08:38 PM	Completed -Visual inspections completed. To be replaced with blowers.
4678233	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	8/1/25 12:00 AM	8/14/25 09:37 AM	8/14/25 09:37 AM	Completed -Reset SCADA and Completed -Facility called out for an alarm due to power failure and PLC failures. Confirmed all alarms are calling out as intended.
4678656	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	8/1/25 12:00 AM	9/2/25 08:10 AM	9/2/25 08:10 AM	Completed -Alberts generator was onsite for annual inspections.
4678967	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	8/1/25 12:00 AM	8/14/25 09:38 AM	8/14/25 09:38 AM	Running checks -Running checks were completed and the UV bulbs are cleaned as necessary.
4679000			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	8/1/25 12:00 AM	8/14/25 09:39 AM	8/14/25 09:39 AM	Completed -Regular maintenance is completed as necessary for grass cutting, garbage, etc.
4679171			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	8/1/25 12:00 AM	9/2/25 08:02 AM	9/2/25 08:02 AM	Completed -Completed health and safety checks at facility.
4683669	0000069692	PUMP SUBMERSIBLE 01 RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible 01 Ps01 Insp/ Service (1y) - 5834	CLOSE	8/1/25 12:00 AM	9/2/25 08:08 AM	9/2/25 08:08 AM	Running Checks. -Completed running check.
4683678	0000069693	PUMP SUBMERSIBLE 02 RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible 02 Ps01 Insp/ Service (1y) - 5834	CLOSE	8/1/25 12:00 AM	9/2/25 08:05 AM	9/2/25 08:05 AM	Completed Checks -Pump running checks completed.
4683687	0000123062	PUMP SUBMERSIBLE PUMP OFFICE SANITARY	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Pump Office Sani Insp/Service (1y) - 5834	CLOSE	8/1/25 12:00 AM	9/2/25 08:04 AM	9/2/25 08:04 AM	completed -Pump hours and running checks completed.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4683696	0000123073	PUMP SUBMERSIBLE SCUM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Scum Insp/ Service (1y) - 5834	CLOSE	8/1/25 12:00 AM	9/2/25 08:13 AM	9/2/25 08:13 AM	Completed - Running checks of pump completed. Pit needs clean out.
4726840	0000123845	AERATOR MECHANICAL 01	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 01 Insp/Service (3m) - 5834	CLOSE	9/1/25 12:00 AM	9/24/25 08:56 AM	9/24/25 08:56 AM	Inspected -Aerator to be removed for plant upgrades.
4726844	0000123837	AERATOR MECHANICAL 05	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 05B Insp/ Service (3m) - 5834	CLOSE	9/1/25 12:00 AM	9/24/25 08:57 AM	9/24/25 08:57 AM	Inspected -Aerator to be removed for plant upgrades
4726911	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	9/1/25 12:00 AM	9/24/25 09:05 AM	9/24/25 09:05 AM	Tested -Tested SCADA alarms and confirmed dialer calls out for channel 2 and answering service picks up.
4727336	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	9/1/25 12:00 AM	10/6/25 08:29 AM	10/6/25 08:29 AM	Running Checks -Running checks completed and data recorded.
4727657	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	9/1/25 12:00 AM	9/24/25 09:31 AM	9/24/25 09:31 AM	UV Cleaning -Cleaned UV trough to ensure effective dosage of UV
4727690			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	9/1/25 12:00 AM	9/24/25 09:32 AM	9/24/25 09:32 AM	Completed -Grass cut, facilities maintained as manageable as construction is underway.
4727883			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	9/1/25 12:00 AM	9/24/25 09:34 AM	9/24/25 09:34 AM	Completed inspections - First aid kits need stock up. Emergency lights need to be maintained.
4733570	0000123219	COMPRESSOR AIR 02 FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Compressor 02 Air Filter Insp/ Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	12/4/25 10:32 AM	12/4/25 10:32 AM	Quote sent -Quote submitted for inspection and service. -Compressor inspected by Kent Compressor and completed Dec 2. See logbook entry and associated WO 4763710. Closed by Cara McKillop 12/04/2025.

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4733573	0000123220	COMPRESSOR AIR 01 FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Compressor 01 Air Filter Insp/ Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	12/4/25 10:32 AM	12/4/25 10:32 AM	Quote sent -Quote sent for inspection. -Compressor inspected/repaired by Kent Compressor and completed Dec 2. See logbook entry and associated WO 4763710. Closed by Cara McKillop 12/04/2025
4733576	0000123046	FILTER SAND 01 WALL FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Filter Sand 01 Wall Filter Insp/ Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/6/25 08:32 AM	10/6/25 08:32 AM	Inspections completed -Filters closest to wall need repairs/ servicing
4733579	0000123047	FILTER SAND 02 WALL FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Filter Sand 02 Wall Filter Insp/ Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/6/25 08:33 AM	10/6/25 08:33 AM	Inspectons -Filters closest to wall need service/ inspection.
4733582	0000123048	FILTER SAND 01 CENTRE FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Filter Sand 01 Centre Filter Insp/ Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/6/25 08:35 AM	10/6/25 08:35 AM	Filters inspected -Maintenance needs to be completed on all sand filter center cones to ensure they are running as intended.
4733585	0000123049	FILTER SAND 02 CENTRE FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Filter Sand 02 Centre Filter Insp/ Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/6/25 08:38 AM	10/6/25 08:38 AM	inspected -Sand filters need proper shut down and inspection to ensure proper operations.
4733588	0000123104	METER FLOW FIT-04 WASTE RAW SLUDGE BLDG	5834, Rodney WWTP, Instrumentation	PM	Calibration	1	YEARS	Meter Flow Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 07:48 AM	10/31/25 07:48 AM	PM Moved -PM moved to April as these are inspected in the spring.
4733591	0000123105	METER FLOW 02 RETURN RAW SLUDGE BLDG	5834, Rodney WWTP, Instrumentation	PM	Calibration	1	YEARS	Meter Flow Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 07:49 AM	10/31/25 07:49 AM	Completed -PM moved to April as these are inspected in the spring.
4733594	0000069699	METER LEVEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	YEARS	Meter Level Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 07:50 AM	10/31/25 07:50 AM	Completed -PM moved to April as these are inspected in the spring.
4733597	0000123034	METER LEVEL FIT-009 BACKWASH SUMP FILTER RM	5834, Rodney WWTP, Instrumentation	PM	Inspection	1	YEARS	Meter Level Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 07:53 AM	10/31/25 07:53 AM	Completed -PM moved to April as these are inspected in the spring.
4733609	0000123058	PUMP CENT EFFLUENT NORTH WALL FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent Effluent North Wall Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 08:01 AM	10/31/25 08:01 AM	Pump not in use currently -

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

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
4733612	0000069700	PUMP SUBMERSIBLE 01 BACKWASH RETURN FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible 01 Backwash Retı Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 08:03 AM	10/31/25 08:03 AM	Running Checks. -
4733621	0000123717	PUMP SUBMERSIBLE 02 BACKWASH RETURN FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible 02 Backwash Retı Insp/Service (1y) - 5834	CLOSE	9/1/25 12:00 AM	10/31/25 08:04 AM	10/31/25 08:04 AM	Running checks. -
4779120	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	CLOSE	10/1/25 12:00 AM	10/31/25 08:04 AM	10/31/25 08:04 AM	Alarms Tested -
4779587	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	10/1/25 12:00 AM	11/24/25 03:41 PM	11/24/25 03:41 PM	-Generator test completed 11/24/2025 by Operator Cara McKillop. No issues. See WO 4833063
4779884	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 5834	CLOSE	10/1/25 12:00 AM	10/31/25 08:06 AM	10/31/25 08:06 AM	Completed -Noted which bulbs needs replacement.
4779917			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	10/1/25 12:00 AM	10/31/25 08:07 AM	10/31/25 08:07 AM	Completed -
4780091			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	CLOSE	10/1/25 12:00 AM	10/31/25 08:07 AM	10/31/25 08:07 AM	Unable to fully complete due to construction -
4833063	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	CLOSE	11/1/25 12:00 AM	11/24/25 03:40 PM	11/24/25 03:40 PM	-Completed generator run test, recorded values on generator operating record. No issues observed.
4833374			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	CLOSE	11/1/25 12:00 AM	12/11/25 01:44 PM	12/11/25 01:44 PM	-Closing workorder as reporting time has passed. All work completed during the month of November.
4838399	0000164778	HEATER ELECTRIC FILTER RM	5834, Rodney WWTP, HVAC	PM	Refurbish/ Replace/Repair	1	YEARS	Heater Electric Filter Building Insp/ Service (1y) - 5834	CLOSE	11/1/25 12:00 AM	11/24/25 03:52 PM	11/24/25 03:52 PM	-Completed inspection of heaters. No issues observed.
4855688	0000123036	UV LIGHT EFFLUENT FILTER RM	5834, Rodney WWTP, Process	PM	Refurbish/ Replace/Repair	1	YEARS	UV Light Effluent Shutdown Insp/ Service (1y) - 5834	COMP	11/1/25 12:00 AM	1/13/26 03:42 PM	1/13/26 03:42 PM	

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: 5834,5834-SPRD,5834-WWRD,5834-WWRD-BG,5834-WWRD-CH,5834-WWRD-EL,5834-WWRD-HS,5834-WWRD-HV,5834-WWRD-IN, 5834-WWRD-PR

Work Order Type: PM

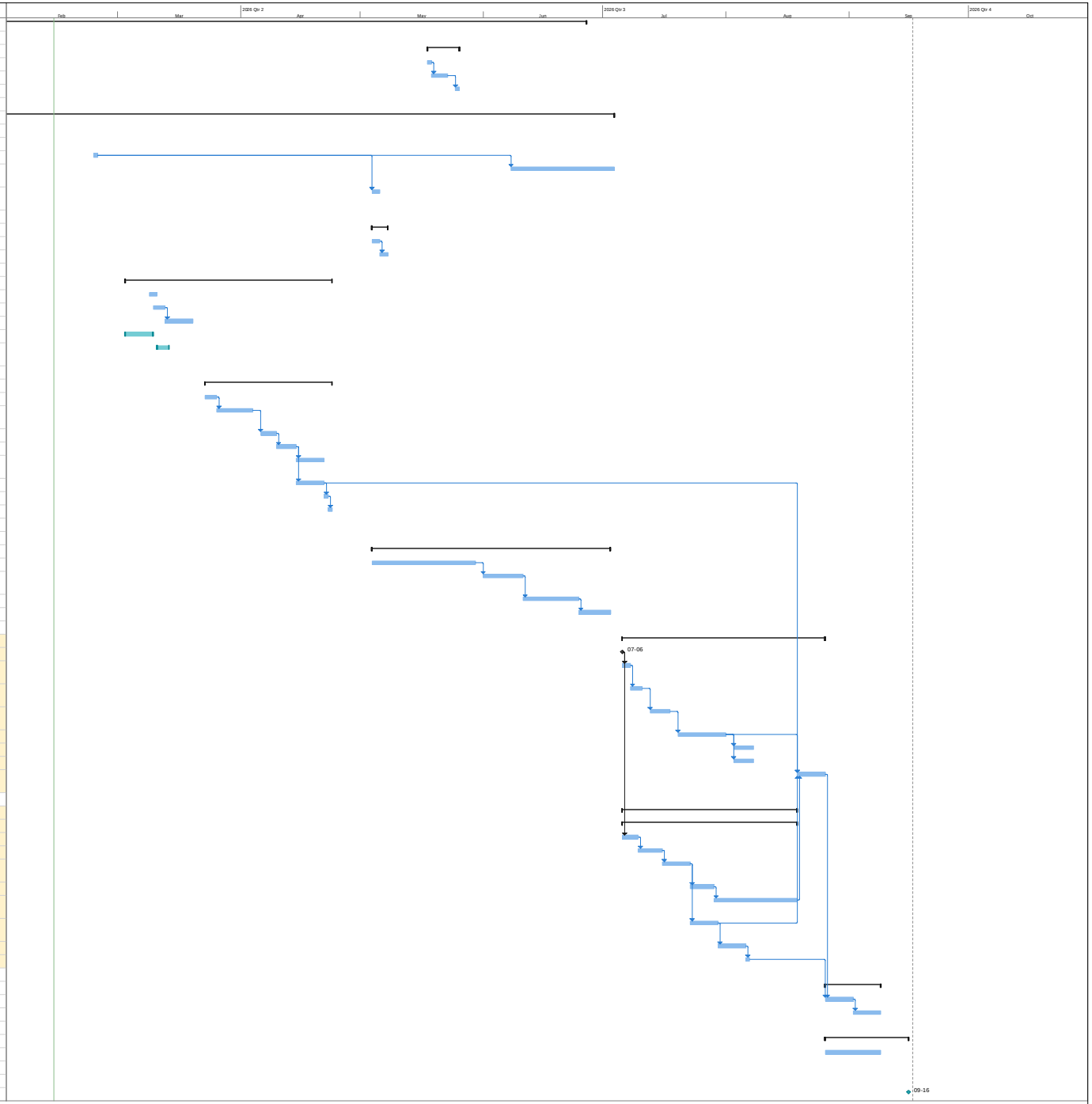
Work Order Class:

				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
4878062	0000123845	AERATOR MECHANICAL 01	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 01 Insp/Service (3m) - 5834	COMP	12/1/25 12:00 AM	12/30/25 07:48 AM	12/30/25 07:48 AM	-Completed running checks, no issues observed.
4878066	0000123837	AERATOR MECHANICAL 05	5834, Rodney WWTP, Process	PM	Inspection	3	MONTHS	Aerator Mechanical 05B Insp/ Service (3m) - 5834	COMP	12/1/25 12:00 AM	12/30/25 07:48 AM	12/30/25 07:48 AM	-Completed running checks, no issues observed.
4878133	0000358525	PANEL ALARM/ DIALER RAW SLUDGE BLDG	5834, Rodney WWTP, Health and Safety	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 5834	COMP	12/1/25 12:00 AM	1/6/26 12:17 PM	1/6/26 12:17 PM	-Functional alarms actuated during month of December with alarm calls. Closed 01/06/2026 by CM.
4878662	0000069698	ENGINE DIESEL RODNEY PUMPING STATION	5834, Rodney Sewage Pumping Stn	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 5834	COMP	12/1/25 12:00 AM	1/2/26 08:11 AM	1/2/26 08:11 AM	
4879160			5834, Rodney WWTP	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 5834	COMP	12/1/25 12:00 AM	1/6/26 12:18 PM	1/6/26 12:18 PM	-Building and grounds maintenance completed in December through course of daily activities. WO closed 01/06/2026 by CM
4879345			5834, Rodney WWTP	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Rodney (1m) - 5834	COMP	12/1/25 12:00 AM	1/6/26 12:19 PM	1/6/26 12:19 PM	-H&S inspection completed in December. Closed 01/06/2026 by CM.

APPENDIX E

Construction Schedule

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		Shop Drawings and Deliveries	150 days	Mon 25-12-01	Fri 26-06-26	
29						
30		Stage 2 Lime Chemical Room Modifications	6 days	Mon 26-05-18	Mon 26-05-25	
31		HVAC Openings Repair and New Openings in Existing Wall	1 day	Mon 26-05-18	Mon 26-05-18	
32		Install hot water tank and plumbing accessories	4 days	Tue 26-05-19	Fri 26-05-22	31
33		Test and commissioning eye wash station	1 day	Mon 26-05-25	Mon 26-05-25	32
34						
35		Stage 3 - Install Groundwater Monitoring System	320 days	Mon 25-04-14	Fri 26-07-03	
36		~~Complete groundwater investigation~~	35 days	Mon 25-04-14	Fri 25-05-30	
37		~~Geotechnical Report Submission~~	1 day	Wed 25-06-04	Wed 25-06-04	
38		Safe operating level submitted prior to bypass and reviewed	1 day	Mon 26-02-23	Mon 26-02-23	
39		Start Ground Water Dewatering around aeration tank and clarifier basins	20 days	Mon 26-06-08	Fri 26-07-03	38
40		Complete SCADA updates for groundwater alarm and level updates	2 days	Mon 26-05-04	Tue 26-05-05	38
41						
42		Stage 5 -Install New Decanting Pump Discharge Piping for Lagoon	4 days	Mon 26-05-04	Thu 26-05-07	
43		Removals of existing damaged decant discharge piping	2 days	Mon 26-05-04	Tue 26-05-05	
44		Installation of new decant discharge piping	2 days	Wed 26-05-06	Thu 26-05-07	43
45						
46		Stage 7 - Replacement of Headworks Building (Bypass #1)	38 days	Tue 26-03-03	Thu 26-04-23	
47		Connect decant pump piping to inlet chamber and test	2 days	Mon 26-03-09	Tue 26-03-10	
48		Complete water line from control building to screen	3 days	Tue 26-03-10	Thu 26-03-12	
49		Insulated water line as required and heat trace	5 days	Fri 26-03-13	Thu 26-03-19	48
50		Confirm Dewatering Requirements	5 days	Tue 26-03-03	Mon 26-03-09	
51		Excavate and install Elec Duct Bank from control bldg to Headworks	3 days	Wed 26-03-11	Fri 26-03-13	
52						
53		Aeration Tank Shutdown (Bypass #1)	24 days	Mon 26-03-23	Thu 26-04-23	
54		Inlet Channel Removals	3 days	Mon 26-03-23	Wed 26-03-25	
55		Complete concrete work for enclosure, staircase, platform and guiderails	7 days	Thu 26-03-26	Fri 26-04-03	54
56		Installation of misc metals upgrades	4 days	Mon 26-04-06	Thu 26-04-09	55
57		Install conveyor screen and all appeurtance required	3 days	Fri 26-04-10	Tue 26-04-14	56
58		Installation of FRP enclosure including doors and HVAC equipment	5 days	Wed 26-04-15	Tue 26-04-21	57
59		Electrical modifications at headworks	5 days	Wed 26-04-15	Tue 26-04-21	57
60		Startup conveyor screen with wash water	1 day	Wed 26-04-22	Wed 26-04-22	59
61		Compete System Testing and Commissioning	1 day	Thu 26-04-23	Thu 26-04-23	60
62						
63						
64		Stage 4: Blower Installation	44 days	Mon 26-05-04	Thu 26-07-02	
65		Lead time for Blower Air Piping	20 days	Mon 26-05-04	Fri 26-05-29	
66		Run process piping to aeration tanks including supports up to above the aeration tanks	8 days	Mon 26-06-01	Wed 26-06-10	65
67		Install process piping, valves and supports for blower	10 days	Thu 26-06-11	Wed 26-06-24	66
68		Install Blowers	6 days	Thu 26-06-25	Thu 26-07-02	67
69						
70		Stage 6 - Clarifier Mechanism Replacement (Bypass #2)	37 days	Mon 26-07-06	Tue 26-08-25	
71		Bypass valve opening for plant shutdown	0 days	Mon 26-07-06	Mon 26-07-06	
72		Remove FRP Enclosure from the clarifier and dispose all enclosure coverings offsite	2 days	Mon 26-07-06	Tue 26-07-07	71
73		Removal of existing clarifier and Cleaning of clarifier for inspection	3 days	Wed 26-07-08	Fri 26-07-10	72
74		Complete concrete modifications within clarifier tank if needed	5 days	Mon 26-07-13	Fri 26-07-17	73
75		Install new clarifier	10 days	Mon 26-07-20	Fri 26-07-31	74
76		Removal and Installation of additional weir plate scope	5 days	Mon 26-08-03	Fri 26-08-07	75
77		Electrical connections and scope	5 days	Mon 26-08-03	Fri 26-08-07	75
78		Complete testing and commissioning by discharging into lagoon	5 days	Wed 26-08-19	Tue 26-08-25	75,59,86,87
79						
80		Stage 8: Aeration Tank Modifications (Bypass #2)	32 days	Mon 26-07-06	Tue 26-08-18	
81		Tank No. 1 and 2 Work	32 days	Mon 26-07-06	Tue 26-08-18	
82		Remove Existing motors and aerators	4 days	Mon 26-07-06	Thu 26-07-09	71
83		Clean aeration tank of all debris and materials	4 days	Fri 26-07-10	Wed 26-07-15	82
84		Complete any required repairs as directed by owner/engineer	5 days	Thu 26-07-16	Wed 26-07-22	83
85		Install aeration header for both tanks	4 days	Thu 26-07-23	Tue 26-07-28	84
86		Install new aeration system including valves, drop pipe, piping and accessories	15 days	Wed 26-07-29	Tue 26-08-18	85
87		Complete Electrical connections as required for blowers and Instruments within tank	5 days	Thu 26-07-23	Wed 26-07-29	84
88		Test and commissioning tank including blowers	5 days	Thu 26-07-30	Wed 26-08-05	87
89		Return tanks into operation	1 day	Thu 26-08-06	Thu 26-08-06	88
90						
91		Stage 9 - Treatment Plant Testing and Commissioning	10 days	Wed 26-08-26	Tue 26-09-08	
92		PLC and SCADA SAT of Treatment Plant Upgrades	5 days	Wed 26-08-26	Tue 26-09-01	89,78
93		Testing and Commissioning of WWTP	5 days	Wed 26-09-02	Tue 26-09-08	92
94						
95		Stage 11 - Final Restoration and Cleanup	15 days	Wed 26-08-26	Wed 26-09-16	
96		Site Clean up and Restoration	10 days	Wed 26-08-26	Tue 26-09-08	
97						
98						
99		Project Completion Date	0 days	Wed 26-09-16	Wed 26-09-16	



Project: 24-609 - Rodney Sche
Date: Fri 26-02-13

Task | Milestone | Project Summary | Inactive Milestone | Manual Task | Manual Summary Rollup | Start-only | External Tasks | Deadline | Manual Progress
Split | Summary | Inactive Task | Inactive Summary | Duration-only | Manual Summary | Finish-only | External Milestone | Progress