



March 21th, 2025

Pierre Adrien

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

Dear Mr. Adrien;

**Re: Annual Wastewater Report
Dorchester Wastewater Treatment Plant and Sanitary Collection System**

Attached is the 2024 Annual Performance Report for the Dorchester Wastewater Treatment Facility, all associated sewage pumping stations (SPS's) and the Dorchester Linear Infrastructure. This report has been completed in accordance with the following Approvals:

- Environmental Compliance Approval 8184-B4DJ45 issued October 31, 2018
- CLI-ECA Number: 059-W601 Issue 1

This report, as it pertains to the WWTF and the SPS was prepared by the Ontario Clean Water Agency on behalf of the Municipality of Thames Centre, based on the information contained in our records. The report included in Appendix A on the Dorchester linear infrastructure was provided by the Municipality of Thames Centre. The report covers the period from January 1, 2024 to December 31, 2024.

Please feel free to contact me should you require any additional information regarding this report. I can be reached at 519-870-7841.

Sincerely,

Matthew Belding
Process and Compliance Technician
Ontario Clean Water Agency

Cc. Jarrod Craven, Director of Public Works, Thames Centre
Kevin Willson, Environmental Services Superintendent, Thames Centre
Sam Sianas, Regional Hub Manager, Ontario Clean Water Agency
Vitaliy Talashok, Senior Operations Manager, Ontario Clean Water Agency
Maegan Garber, Safety, Process and Compliance Manager, Ontario Clean Water Agency
Andrew Winkler, Ministry of Environment, Conservation and Parks

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Section 1: Overview of System

The Dorchester Wastewater Treatment Plant is a modified sequential batch reactor (SBR) treatment plant, known as intermittent cycle extended aeration system (ICEAS). This process differs from the conventional SBR system by allowing for continuous inflow of wastewater. This supplies a constant food source and equalizes the flow to the two basins. Upgrades of the plant occurred in 2019 with commissioning in 2020. These upgrades included the addition of Dorchester Pump Station #3, two SBR basins, two filtration units and replacement of the UV System. This annual report will follow the requirements of the proposed works identified in the ECA. The process is as follows:

Raw Wastewater Collection

The wastewater collection system is operated under CLI-ECA Number: 059-W601 issued February 14th, 2023.

The wastewater is collected by gravity and directed to the pump station located on Mitchell Court. Pump station #3 pumps into the Main PS located on Mitchell Court. The Main pump station is equipped with two submersible pumps (duty/stand by) with rated capacity of 21.5L/s. The pumps are controlled by the Milltronics ultrasonic level control system, with a backup float system. A diesel generator is onsite for backup power when required. Pump station #3 is equipped with three submersible pumps (two duty, one stand-by) with a rated capacity of 65.3L/s. The pumps are controlled by the Milltronics ultrasonic level control system, with a backup float system. A diesel generator is onsite for backup power when required.

Inlet Works

The raw wastewater is pumped from the pump station to the grit channel and mechanical fine step bar screen for removal of larger material.

Sequential Batch Reactors

There are four reactors (basins), each 13m x 4.7m x 5.0m depth (two running at a time). They are each equipped with fine bubble aeration system, decanter, level control, mechanical mixers within the react zone and waste activated sludge pumps. The aeration system is controlled by three blowers (one blower per two basins).

React Phase

During the react phase the raw wastewater flows into the pre-react zone continuously to react with the mixed liquor suspended solids. During this phase the basin contents are aerated, anoxically mixed and reacted anaerobically based on a timer. The react phase allows for biological oxidation/reduction reactions to take place to treat the incoming wastewater. Aluminum sulfate is added towards the end of this phase to chemically remove phosphorus. The alum system consists of a 16,200L tank with two (duty/standby) metering pumps.

Settle Phase

After the react phase, the basin is allowed to settle during the settle phase. This allows the solids to settle to the bottom of the basin. The raw wastewater continues to flow into the pre-react zone as the main react zone is settling. A clear layer of water will form on the top of the basin during this phase.

Decant Phase

Once the timer is complete on the settling phase the decant phase begins. The decant motor lowers the decanter into the basin to draw off the clarified supernatant formed during the settle phase. This clear liquid is then directed to the effluent line. The raw wastewater continues to flow into the pre-react zone as this phase continues. Settled solids (sludge) on the bottom of the basin are wasted to the sludge holding tank during this cycle.

Post-Secondary Treatment

Two filtration units with cloth media filter disc (operated in series).

Disinfection Phase

The effluent is directed by gravity to the open channel with two ultra-violet (UV) disinfection bank systems (one duty, one standby) before being finally discharged to the Thames River.

Sludge Management System

The mixed liquor suspended solids in the react phase are controlled by the wasting pumps operated in the decant phase. This waste sludge is directed to the sludge holding tank (10.5m x 9.9m x 5.0m). This tank is equipped with a fine bubble aeration system controlled by a blower. The tank also contains a decanter to remove the clear liquid and return it to the head of the plant for re-processing. Periodically the sludge is hauled off site by a licensed hauler and land applied if possible, alternatively it is hauled to another facility for further processing.

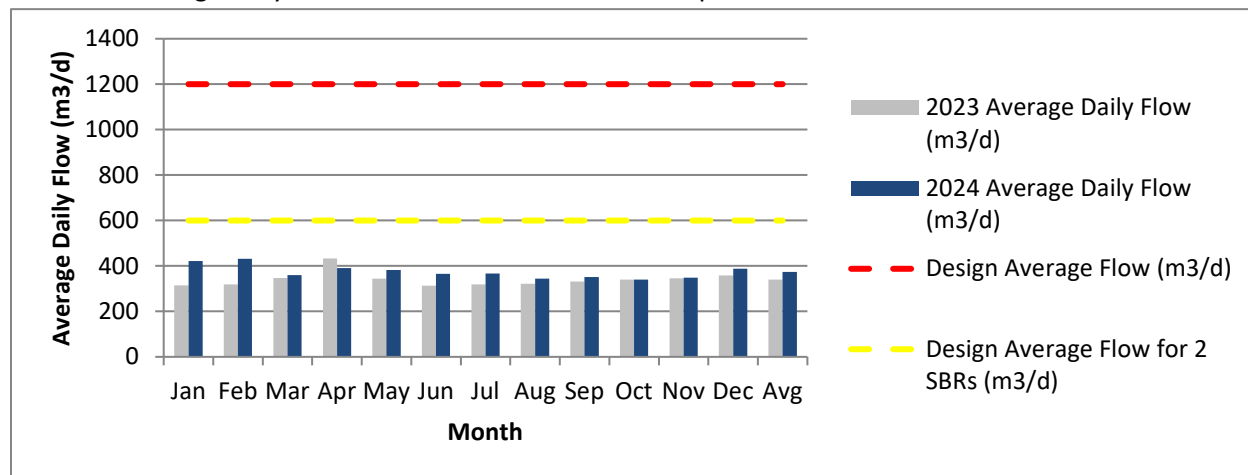
Standby Power

The wastewater treatment plant has an automatic standby generator that will transfer over when there is a power failure. This allows for continuous running of the plant when outages occur.

Section 2: Summary and Interpretation of Influent Monitoring Data

The average daily flow of raw wastewater entering the Dorchester Wastewater Treatment Plant in 2024 was 373.9m³/d. This represents an 8.9% increase from 2023 flows, refer to Chart 1. The rated capacity of the plant is 1,200m³/day. The plant is operating at 31.2% capacity. There are currently only two SBRs in operation which renders the capacity of the plant to 600m³/day. The plant is operating at 62.3% capacity of two SBRs.

Chart 1. Average daily flows for each month in 2024 compared to 2023 flows.



There were no instances during the reporting period that the flow exceeded the rated capacity of the two SBRs in operation, 600 m³/day, refer to Table 1.

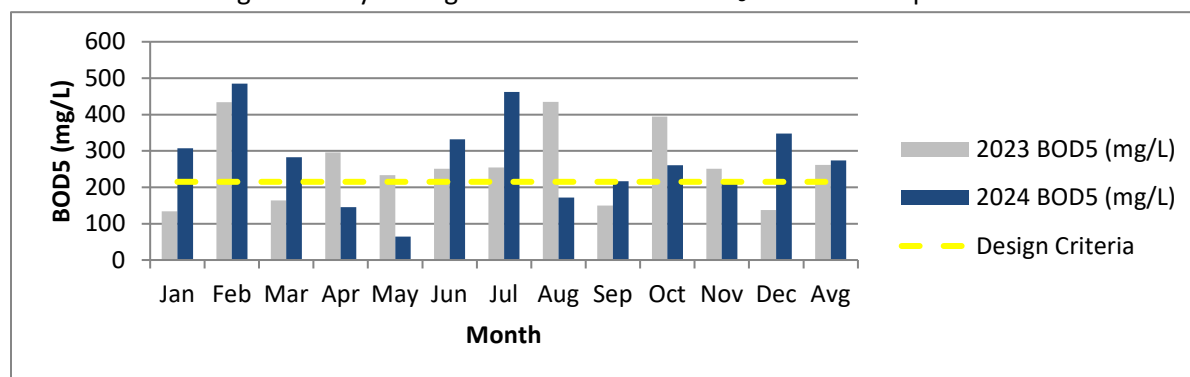
Table 1. Flow Exceedance for 2024.

Date	Flow (m ³)
There were no flow exceedances during the reporting period	

The raw wastewater is monitored for BOD₅, total suspended solids (TSS), total phosphorus (TP) and total Kjeldahl nitrogen (TKN) on a monthly basis by composite sampler. The plant was designed based on typical raw water characteristics. Refer to Table 2 for the design raw wastewater concentrations and loadings compared to results for 2024. Attached as Appendix B are the detailed monthly results for 2024.

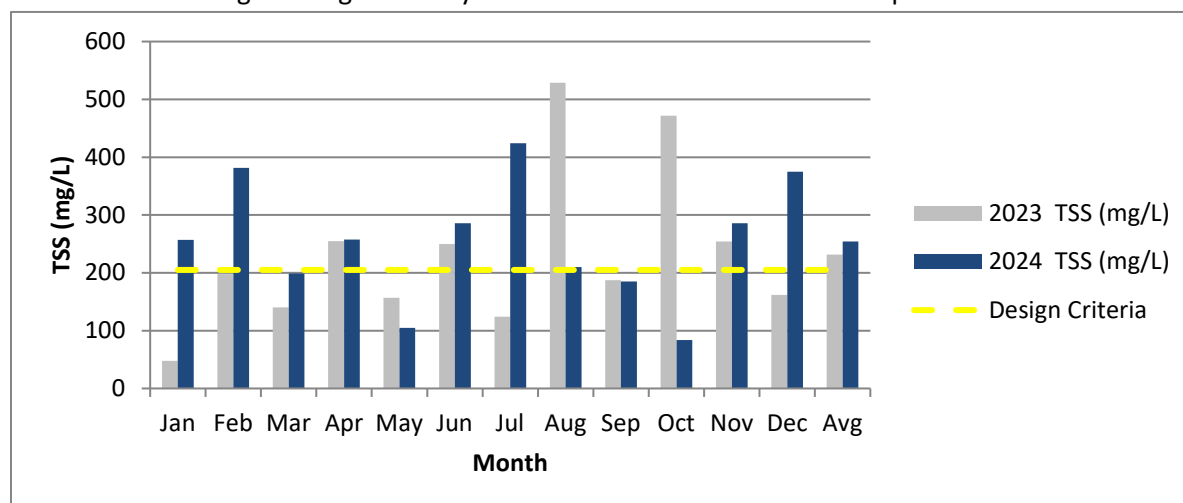
The annual average for raw sewage BOD₅ concentration to the plant in 2024 was 274.1mg/L with a maximum concentration of 485mg/L. The average concentration of BOD₅ has increased by 5.0% from 2023, refer to Chart 2. In eight (8) out of the twelve (12) months the average concentration was above the design criteria for the plant. The average BOD₅ loading to the plant was 100kg/d for 2024.

Chart 2. Raw sewage monthly average concentration of BOD₅ for 2024 compared to 2023.



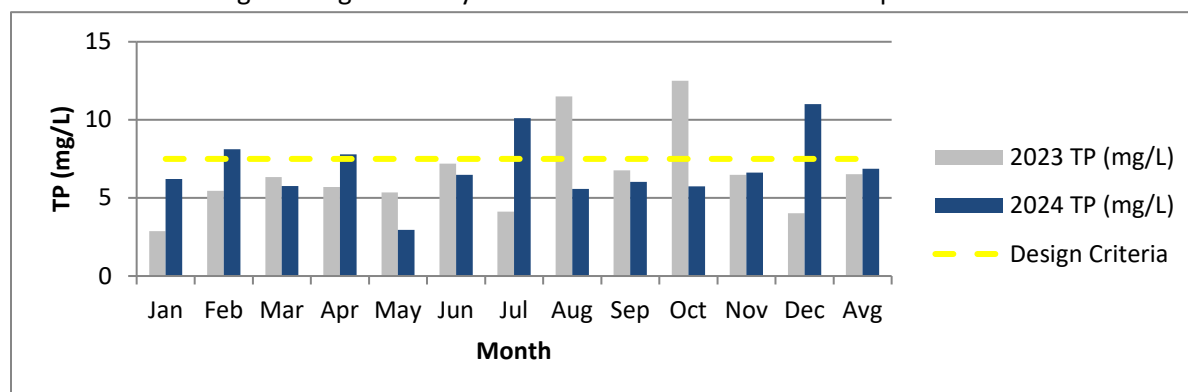
The annual average for raw sewage total suspended solids (TSS) concentration to the plant in 2024 was 254.2mg/L, with a maximum concentration of 424mg/L. The average concentration of TSS has decreased by 9.9% from 2023, refer to Chart 3. There were eight (8) instances in 2024 that the TSS concentrations exceeded the design criteria for the plant. The average TSS loading to the plant was 95kg/d for 2024.

Chart 3. Raw sewage average monthly concentration of TSS for 2024 compared to 2023.



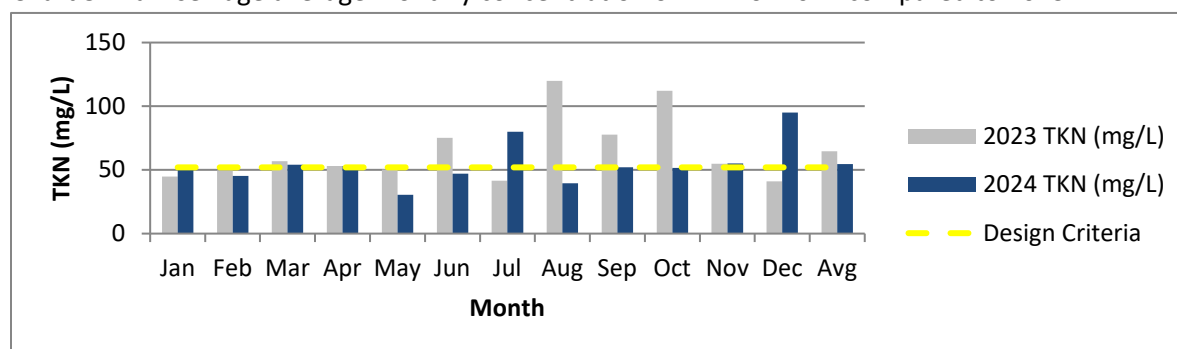
The annual average for raw sewage total phosphorus (TP) concentration to the plant in 2024 was 6.86mg/L with a maximum concentration of 11.0mg/L. There were four (4) TP concentrations in 2024 that were above the design criteria for the plant. The average TP loading to the plant was 2.6kg/d for 2024.

Chart 4. Raw sewage average monthly concentration of TP for 2024 compared to 2023.



The annual average for raw sewage total Kjeldahl nitrogen (TKN) concentration to the plant in 2024 was 54.5mg/L with a maximum concentration of 95mg/L. The average concentration of TKN has decreased by 15.7% from 2023, refer to Chart 5. In five (5) out of the twelve months the average concentrations were above the design criteria for the plant. The average TKN loading to the plant was 20.4kg/d for 2024.

Chart 5. Raw sewage average monthly concentration of TKN for 2024 compared to 2023.



There were several months during the reporting period when the raw wastewater results were above the design parameters for BOD₅, TSS, TP, and TKN. See Table 2 below for the design parameters compared to the results in 2024. There were twenty five (25) concentration design exceedances in 2024 compared to twenty two (22) exceedances in 2023. Despite these results being above the concentrations that the plant was designed for, it has performed well.

Table 2. Design raw wastewater concentrations and loadings compared to results for 2024.

Parameter	Design Concentration <i>Proposed Works</i> (mg/L)	Monthly Concentrations (mg/L)	# Months Above Design	Design Loading <i>Proposed Works</i> (kg/d)	Monthly Loading (kg/d)	# Months Above Design
BOD ₅	215	64 – 485	8	258	24.5 – 134.8	0
TSS	205	84 – 424	8	246	28.6 – 164.7	0
TP	7.5	2.95 – 11.0	4	9	1.1 – 4.3	0
TKN	52	30.4 – 95.0	5	62	11.6 – 36.8	0

There is no monitoring data captured at the sewage pumping stations to be discussed in accordance with Schedule E, condition 4.6.3. At this time, there is no need for future modifications to the sewage pumping stations.

Section 3: Summary and Interpretation of Effluent Monitoring Data

Effluent is sampled on a weekly basis and tested for cBOD₅, total suspended solids, total phosphorus and total ammonia as a composite sample. An effluent grab sample is also taken weekly and tested for E.coli, pH and temperature; pH and temperature are used in the calculation of unionized ammonia. Detailed results are found in Appendix B. Table 3 below shows the monthly average effluent result ranges and loadings compared against the limits of the ECA.

The Dorchester Wastewater Treatment Plant does not have an effluent flow meter, the raw flow meter provides the quantity of flow treated at the plant.

Table 3. Monthly average effluent result ranges for 2024.

Parameter	Monthly average effluent limits (mg/L)	Monthly Average Effluent Result Ranges(mg/L)	Monthly average loading limit (kg/day)	Monthly Average Loadings Result Ranges (kg/d)
cBOD ₅ (mg/L)	10	2.4 – 5.2	12	0.68 – 1.91
TSS (mg/L)	10	3.6 – 7.0	12	1.39 – 2.44
TP (mg/L)	0.43	0.10 – 0.41	0.52	0.04 – 0.15
TAN (mg/L)	2	0.30 – 1.08	2.4	0.11 – 0.41
TAN (mg/L) Freezing*	3	0.23 – 2.48	3.6	0.10 – 1.05
E. coli (cfu/100mL)**	150	1.5 – 9.41	n/a	n/a
pH***	6.0-9.5	7.02 – 8.08	n/a	n/a
Temperature (°C)***	n/a	9.9 – 21.1	n/a	n/a

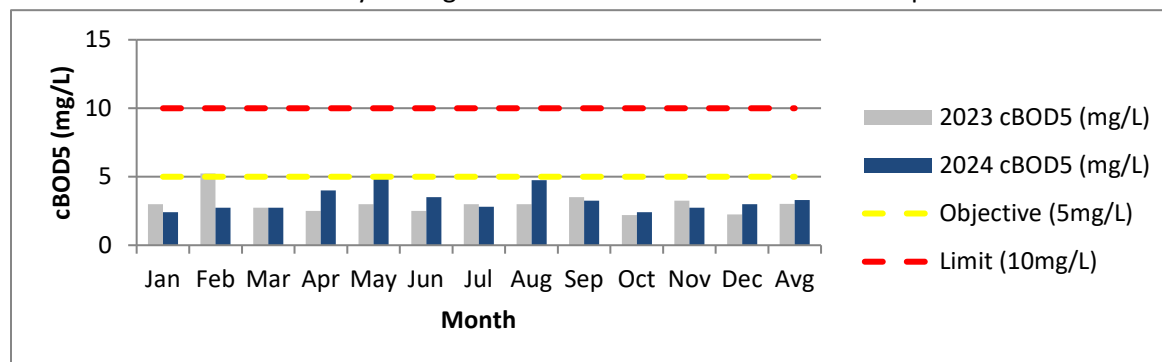
* limits for December 1 to April 30

**expressed as geometric mean

***minimum and maximum result (not monthly averages)

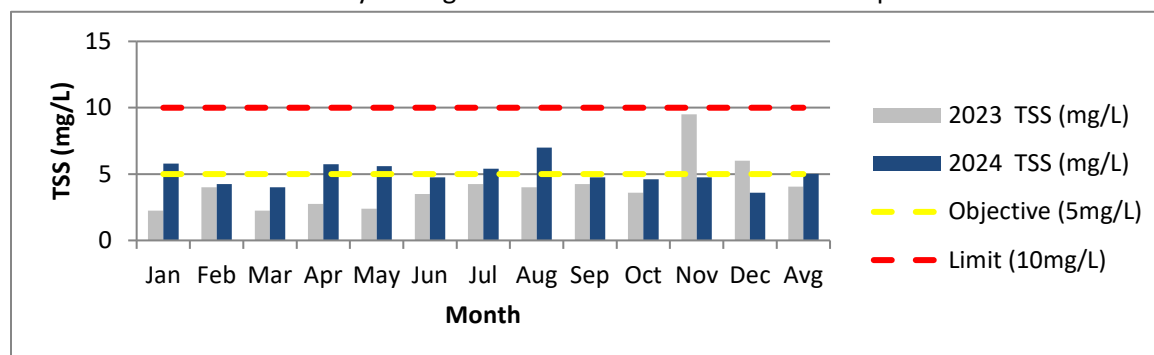
The annual average for effluent cBOD₅ concentration in 2024 was 3.30mg/L, which has increased by 9.3% from the 2023 annual average (see Chart 6). The annual loading of cBOD₅ was 1.5kg/d. The limits of the ECA were not exceeded in 2024 as depicted in Chart 6. There was one (1) objective exceedance in May due to low DO in the sludge storage tank and thus, the decant was effecting effluent quality (Refer to Section 12).

Chart 6. The effluent monthly average concentration of cBOD₅ in 2024 compared to 2023.



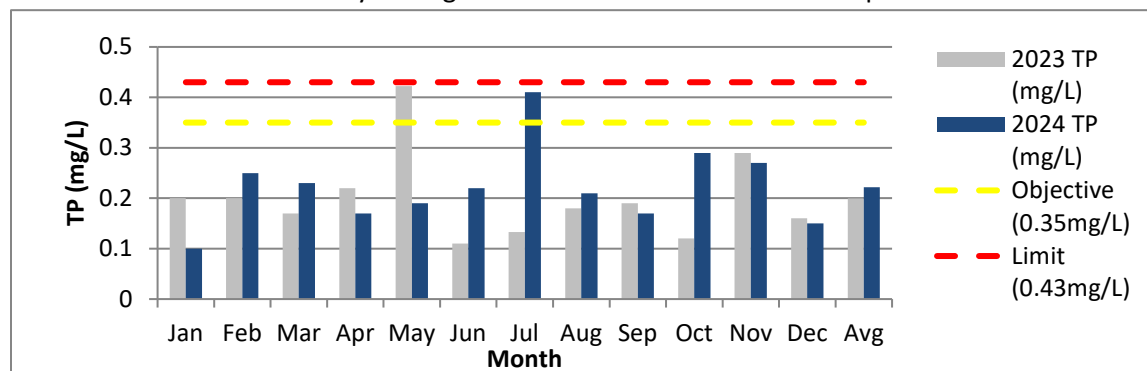
The annual average for effluent TSS concentration in 2024 was 5.02mg/L, which increased by 23.6% from the 2023 annual average (refer Chart 7). The annual loading of TSS was 2.29kg/d. The limits in the ECA were not exceeded in 2024 as depicted in Chart 7. There were five (5) objective exceedances which occurred in January, April, May, July, and August due to filamentous foam (Refer to Section 5).

Chart 7. The effluent monthly average concentration of TSS in 2024 compared to 2023.



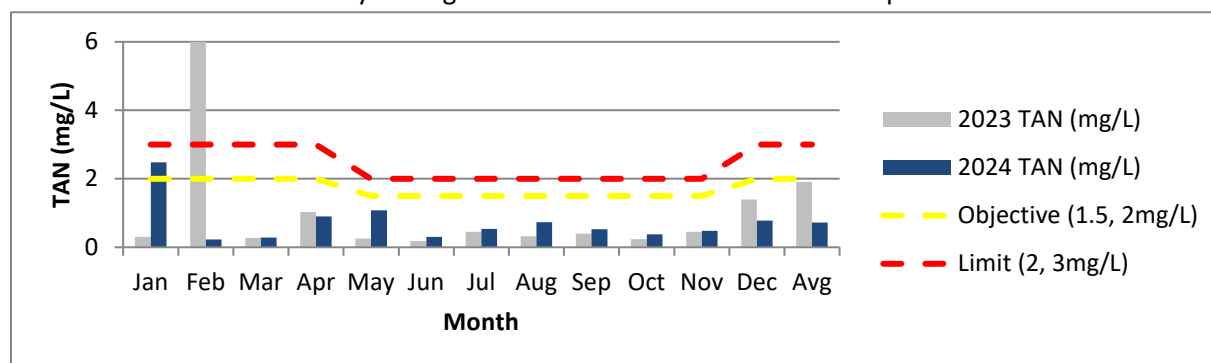
The annual average for effluent TP concentration in 2024 was 0.22mg/L, which increased by 11.0% from the 2023 annual average (refer Chart 8). The annual loading of TP was 0.10kg/d. The limits of the ECA were not exceeded in 2024 as depicted in Chart 8. There was one (1) objective exceedance in July due to the failure of the decant arm in SBR#3 thus an emergency switch over to another SBR tank. (Refer to Section 5).

Chart 8. The effluent monthly average concentration of TP in 2024 compared to 2023.



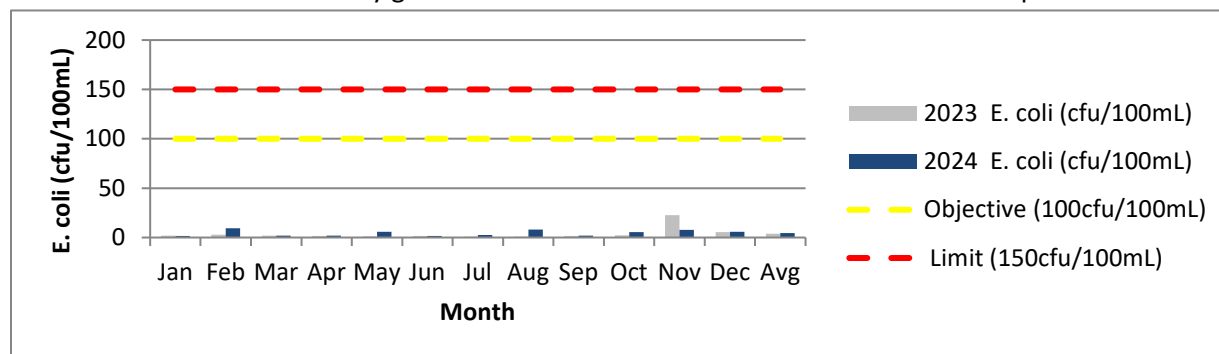
The annual average for effluent Total Ammonia Nitrogen (TAN) concentration in 2024 was 0.73mg/L, which decreased by 62.0% from the 2023 annual average (see Chart 9). The annual loading of TAN was 0.33kg/d. Refer to Chart 9. In 2024, there was one (1) objective exceedance for TAN which occurred in January. This objective exceedance was due to the switching of SBR tanks in cold weather due to equipment failure. (Refer to section 5).

Chart 9. The effluent monthly average concentration of TAN in 2024 compared to 2023.



The annual geometric mean for effluent E. coli in 2024 was 4.46cfu/100mL, which increased by 18.1% from 2023 annual geometric mean (see Chart 10). There were no limit or objective exceedances in 2024.

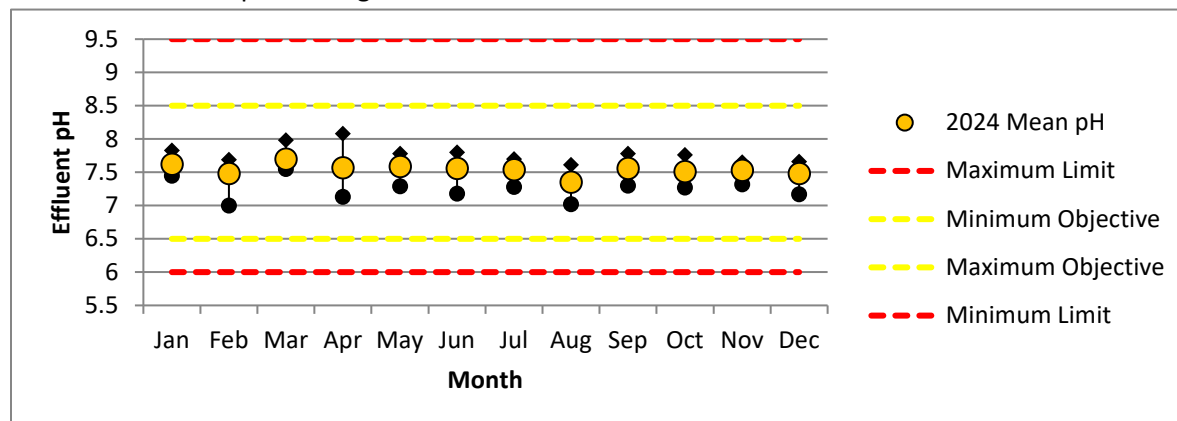
Chart 10. The effluent monthly geometric mean concentration of E. coli in 2024 compared to 2023.



The effluent pH is monitored weekly at a minimum at the Dorchester WWTP. The pH is required to be maintained between 6.0-9.5 at all times. Overall, the plant has provided effective treatment as there

were no results below or above the compliance limits of 6.0-9.5 in 2024. Refer to Chart 11 for the monthly minimum, maximum and mean pH readings. The plant has effectively maintained the pH within the compliance range.

Chart 11. Effluent pH readings for 2024.



Overall, the Dorchester Wastewater Treatment Plant provided adequate treatment in 2024 however, there was one (1) objective exceedance for effluent cBOD₅, five (5) for effluent TSS, one (1) for TP, and one (1) for TAN in 2024. Refer to Tables 2 & 3.

Section 4: Monitoring Schedule

The monitoring schedule for 2025 is set out in Appendix C. The monitoring schedule for 2024 was adhered to by the operators with the exception of:

Date Scheduled	Date Sampled	Reasons
January 3rd	January 4th	Autosampler Failed
January 10th	January 8th	Schedule conflict/ Switching SBR
February 14th	February 15th	Autosampler Failed

There were only three instances where changes to the sampling schedule were required.

The operators have flexibility with dates for in house sampling, however, all sampling to meet the requirements of the ECA are to be followed. Any changes to the ECA sampling dates requires permission from compliance staff or the Senior Operations Manager.

Section 5: Operating Issues and Corrective Actions

There were no non-compliances reported in 2024.

In early 2024, Operations staff continued to encounter elevated concentrations of filamentous bacteria which resulted in thick foam on the top layer of the SBR basins. The TSS objective was exceeded in January, April, May, July and August. The filamentous foam covered the SBR basins for most of the year. By adjusting MLSS concentrations in the basins and improving the food to microorganism ratio,

operations were able to better support the growth of nitrifying bacteria and reduce the filamentous bacteria.

In January, the TAN objective was exceeded when SBR#3 experienced a decant arm failure. With SBR#3 out of service, an emergency switch was required of SBR tanks. Given the cold temperatures, the nitrification process was hindered when this switch occurred and resulted in the prolonged recovery of the plant. In June, attempts were made to switch back to SBR#3 but it was discovered that additional repairs were required. In August, all repairs were made and SBR#3 was returned to normal operation however, during the switch overs, the alum dosage was affected and resulted in an objective exceedance of TP in July. The required switching SBR basins also prolonged the issues with filamentous.

In May, the cBOD₅ objective was exceeded due to low DO in the sludge tank. When decanting from the sludge tank during the period of low DO, elevated levels of cBOD₅ were introduced to the treatment plant. Operations were able to optimize the DO levels to ensure adequate treatment in the sludge tank and to reduce influent loadings to the plant from the decant. .

As per the CLI-ECA Schedule E Condition 4.6.4, there were no operating problems at the sewage pumping stations that required corrective actions in 2024.

Section 6: Maintenance and Emergency Repairs

The normal maintenance activities are completed through OCWA's Workplace Management System (WMS). Attached as Appendix D is the routine maintenance completed at the facility. Emergency and preventative maintenance completed in 2024 were as follows:

- Repaired SBR#3 decanter arm.
- New Win911 hardware installed. SCADA/alarm programming completed.
- Replaced relay switch on MV02.
- Replaced VFD for Blower#2.
- Replaced GFCI outlet for raw and effluent autosamplers.
- Thames Centre replaced battery in plant and station generators.
- Replaced split tubing in autosampler line.
- Repaired sewage leak in PS#3 Valve Chamber and had chamber cleaned out.
- Replaced Blower#3 motor.
- Replaced relay boards on UV Bank A.
- Replaced bulbs and sleeves on UV banks.
- Repaired effluent flow meter.
- Replaced fuses 0254 and 0243 for DO probes and level transducers.
- Replaced SBR1/2 wasting pump.
- Replaces sludge tank manual gate valves (two valves).

Section 7: Effluent Quality Assurance

Effluent quality assurance is evaluated by monitoring parameters and changes throughout the plants processes. These tests include dissolved oxygen, pH, temperature, settling tests, Mixed Liquor Suspended Solids (MLSS) and Mixed Liquor Volatile Solids (MLVSS). As well, monitoring of the alum dosages and wasting volumes are completed. Data collected from these tests provide valuable information to the operators to make the appropriate adjustments in the treatment process and take corrective actions before the plant reaches its effluent limits.

Section 8: Calibration and Maintenance Activities

The flow meters were verified by SCG Flowmetrix on November 12-14th, 2024. In house meters for pH and dissolved oxygen are calibrated by OCWA operators as per manufacturer's instructions.

Section 9: Design Objectives

In 2024, there were objective exceedances for effluent cBOD₅, TAN, TP and TSS concentrations. Table 4 represents the percentage of objectives exceeded.

Table 4. ECA Objectives compared against the monthly average concentrations and percentage of time exceeded in 2024.

Parameter	Monthly average effluent objective	Monthly Average Effluent Result Ranges	% of Objectives exceeded
cBOD ₅ (mg/L)	5	2.4 – 5.2	8.3
TSS (mg/L)	5	3.6 – 7.0	41.6
TP (mg/L)	0.35	0.10 – 0.41	8.3
TAN (mg/L)*	1.5 (2)	0.23 – 2.48	8.3
E. coli (cfu/100mL)**	100	1.5 – 9.41	0
pH***	6.5-8.5	7.00 – 8.08	0

*value in brackets represent limits for December 1 to April 30

**expressed as geometric mean

***minimum and maximum result (not monthly averages)

In 2024, there were eight (8) objective exceedances (refer to section 5). TSS was the only objective exceedance that occurred in multiple months and was caused by filamentous bacteria in the SBR basins. No parameters have exceeded the objectives greater than 50% of time.

Section 10: Sludge Generation and Expected Volumes

Sludge is pumped from the basins to the aerated sludge holding tank. The total waste activated sludge transferred to the holding tank in 2024 was approximately 2000m³. From this volume, the clear liquid is decanted back to the plant, therefore, the actual sludge amount is only a portion of this total. 795m³ were hauled off site by Bartels and assessed for its suitability for land application. It is anticipated that in 2025 the total sludge produced will be more than 2024, therefore approximately 2500m³. The estimated amount of sludge that will be required to be hauled offsite in 2025 is expected to be more than 2024, as

this is determined based on levels and decanting abilities. The sludge will be land applied with a NASM plan from a licensed hauler or hauled to London's Greenway Pollution Control Centre, if land application is not possible.

Section 11: Complaints

There was one community complaint received in regards to the operation of the treatment plant. On May 2nd, a neighboring resident complained of a loud noise emanating from the plant. The operator looked through the plant and found no cause. The resident was contacted again but they did not follow up with any further details.

As per the CLI-ECA Schedule E Condition 4.6.6, there were no community complaints received for the Dorchester sewage pumping stations in 2024.

Section 12: Bypasses, Overflows, Abnormal Operating Conditions

On April 12th, 2024 the Dorchester WWTP experienced a power failure due to high winds. With the backwash pump on the cloth filters tripped and were unable to run resulting in a bypass of the post-secondary treatment process. The bypass flow from the filters enters the UV channel and undergoes disinfection prior to entering the receiving waters of the Thames River. Approximately 80m³ bypassed the post-secondary filters.

There were no overflows, spills, or abnormal operating conditions to report in 2024 for the WWTP or the Dorchester sewage pumping stations.

Section 13: Modifications to Sewage Works

There have been no modifications to the sewage works or the sewage pumping stations.

Section 14: Conformance with Procedure F-5-1

The Dorchester secondary and post-secondary treatment is provided by SBR's, and a cloth disc filter system with final disinfection provided by ultraviolet light. Supplementary phosphorus removal is also achieved with the addition of aluminum sulphate. The treatment components are capable of producing effluent quality that exceeds the effluent design objectives specified in F-5-1. The Dorchester WWTP is required to achieve higher effluent quality standards than the effluent guideline criteria as specified in the ECA.

There have been no bypasses or overflows in the collection system. The Municipality is currently undertaking a Wastewater Condition Assessment and Inventory project to identify sewer infiltration sources.

Section 15: Proposed Works

All construction has been completed for the proposed works identified in the ECA and CLI-ECA.

APPENDIX A

Appendix A

Linear Infrastructure 2024 Annual Performance Report

Dorchester Collection System

Prepared by: the Municipality of Thames Centre

Section 1: Operating Problems and Corrective Actions

No operating problems encountered in this reporting period for the linear infrastructure.

Section 2: Calibration, Maintenance and Repairs

2024 Repairs:

- No Repairs to report on Dorchester Collection System in 2024.

2024 Maintenance:

- No Maintenance to report on the Dorchester Collection System in 2024.

Section 3: Alterations to the System

Authorized Alterations to system

- No alterations to the Dorchester Collection System noted in 2024.

Section 4: Community Complaints and Concerns

No community complaints or concerns on the operation of the Dorchester Collection System during the reporting period.

Section 5: Spills of Sewage

No spills in the collection system during the reporting year.

Final OCWA reports will be posted on the Municipal Website.

APPENDIX B

1249 DORCHESTER WASTEWATER TREATMENT PLANT 120002727

	1 / 2024	2 / 2024	3 / 2024	4 / 2024	5 / 2024	6 / 2024	7 / 2024	8 / 2024	9 / 2024	10 / 2024	11 / 2024	12 / 2024	<--Total-->	<--Avg-->	<--Max-->	<Criteria-->
Flows																
Raw Flow: Total - Raw m ³ /d	13,063.66	12,520.11	11,139.79	11,701.10	11,842.99	11,268.70	11,359.91	10,665.53	10,537.62	10,545.44	10,435.36	12,006.07	137,086.28			0.00
Raw Flow: Avg - Raw m ³ /d	421.41	431.73	359.35	390.04	382.03	363.51	366.45	344.05	351.25	340.18	347.85	387.29		373.76		1,200.00
Raw Flow: Max - Raw m ³ /d	601.44	525.88	413.63	448.13	458.81	444.00	500.44	394.13	415.81	393.16	414.88	463.50			601.44	0.00
Raw Flow: Count - Raw m ³ /d	31.00	29.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	366.00			0.00
Eff. Flow: Total - Effluent m ³ /d	13,063.66	12,520.11	11,139.79	11,701.10	11,842.99	11,268.70	11,359.91	10,665.53	10,537.62	10,545.44	10,435.36	12,006.07	137,086.28			0.00
Eff. Flow: Avg - Effluent m ³ /d	421.41	431.73	359.35	390.04	382.03	363.51	366.45	344.05	351.25	340.18	347.85	387.29		374.55		600.00
Eff. Flow: Max - Effluent m ³ /d	601.44	525.88	413.63	448.13	458.81	444.00	500.44	394.13	415.81	393.16	414.88	463.50			601.44	0.00
Eff Flow: Count - Effluent m ³ /d	31.00	29.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	366.00			0.00
Carbonaceous Biochemical Oxygen Demand: CBOD																
Eff: Avg cBOD5 - Effluent mg/L	< 2.40	< 2.75	< 2.75	4.00	5.20	3.50	< 2.80	4.75	< 3.25	< 2.40	2.75	< 3.00		< 3.28	< 5.20	10.00
Eff: # of samples of cBOD5 - Effluent	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: cBOD5 - Effluent kg/d	< 0.843	< 0.863	< 0.719	1.170	1.910	1.502	< 0.733	1.032	1.756	0.680	1.044	< 0.775		< 1.23	< 1.91	12.00
Biochemical Oxygen Demand: BOD5																
Raw: Avg BOD5 - Raw mg/L	307.00	485.00	283.00	145.00	64.00	332.00	462.00	172.00	217.00	261.00	213.00	348.00		274.08	485.00	0.00
Raw: # of samples of BOD5 - Raw	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Total Suspended Solids: TSS																
Raw: Avg TSS - Raw mg/L	257.33	381.50	198.75	257.75	105.00	286.00	424.00	210.00	185.00	84.00	286.00	375.00		254.19	424.00	0.00
Raw: # of samples of TSS - Raw	3.00	4.00	4.00	4.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	23.00			0.00
Eff: Avg TSS - Effluent mg/L	5.80	4.25	4.00	5.75	5.60	4.75	5.40	7.00	4.75	4.60	4.75	3.60		5.02	7.00	10.00
Eff: # of samples of TSS - Effluent	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: TSS - Effluent kg/d	2.444	1.835	1.437	2.243	2.139	1.784	1.979	2.408	1.668	1.505	1.652	1.394		1.88	2.44	12.00
Percent Removal: TSS - Raw %	97.75	98.89	97.99	97.77	94.67	98.34	98.73	96.67	97.43	94.52	98.34	99.04		97.51	99.04	0.00
Total Phosphorus: TP																
Raw: Avg TP - Raw mg/L	6.21	8.11	5.76	7.79	2.95	6.48	10.10	5.58	6.02	5.74	6.63	11.00		6.86	11.00	0.00
Raw: # of samples of TP - Raw	3.00	4.00	4.00	4.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	23.00			0.00
Eff: Avg TP - Effluent mg/L	< 0.10	0.25	0.23	0.17	0.19	0.22	0.41	0.21	0.17	0.29	0.27	0.15		< 0.22	< 0.41	0.43
Eff: # of samples of TP - Effluent	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: TP - Effluent kg/d	< 0.043	0.109	0.081	0.064	0.073	0.082	0.150	0.073	0.059	0.097	0.094	0.060		< 0.08	< 0.15	0.52
Percent Removal: TP - Raw %	98.36	96.88	96.09	97.88	93.56	96.64	95.94	96.19	97.22	95.02	95.93	98.60		96.53	98.60	0.00
Nitrogen Series																
Raw: Avg TKN - Raw mg/L	51.30	45.40	54.10	53.10	30.40	47.00	80.00	39.50	52.00	51.60	55.10	95.00		54.54	95.00	0.00
Raw: # of samples of TKN - Raw	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Eff: Avg TAN - Effluent mg/L	2.48	0.23	0.28	0.90	1.08	0.30	0.54	0.73	0.53	0.38	0.48	0.78		0.75	2.48	3.00
Eff: # of samples of TAN - Effluent	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: TAN - Effluent kg/d	1.045	0.097	0.099	0.351	0.413	0.113	0.198	0.249	0.184	0.129	0.165	0.302		0.28	1.05	2.4
Disinfection																
Eff: GMD E. Coli - Effluent cfu/100mL	1.58	9.41	1.78	1.97	5.71	1.50	2.57	8.03	2.06	5.35	7.62	5.92				150.00
Eff: # of samples of E. Coli - Effluent	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Temperature																
Effluent Temperature °C - Maximum	14.70	11.60	12.70	14.40	17.80	19.50	21.10	20.60	20.60	19.90	18.60	14.60			21.10	0.00
Effluent Temperature °C - Minimum	9.90	11.10	12.10	13.10	14.90	17.30	19.30	19.30	19.30	17.90	16.10	13.80				0.00
Effluent Temperature °C - Average	12.20	11.30	12.43	13.55	16.08	18.53	20.32	19.95	19.90	19.10	17.10	14.30		16.23		0
pH																
Effluent pH - Maximum	7.83	7.69	7.98	8.08	7.78	7.80	7.70	7.81	7.78	7.76	7.65	7.66			8.08	9.50
Effluent pH - Minimum	7.45	7.00	7.55	7.13	7.29	7.18	7.28	7.02	7.30	7.27	7.32	7.17				6.00
Effluent pH - Average	7.62	7.48	7.70	7.57	7.59	7.56	7.54	7.35	7.56	7.51	7.53	7.48		7.54		0

APPENDIX C



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
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 IH Full Monthly Raw & Effluent Samples, Sludge Sample	7	8	9	10 IH Reduced	11
12	13 IH Full Effluent Samples	14	15	16	17 IH Reduced	18
19	20 IH Full Effluent Samples	21	22	23	24 IH Reduced	25
26	27 IH Full Effluent Samples	28	29	30	31 IH Reduced	

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)

Raw Samples:

Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)

Effluent Samples:

Composite Weekly (cBOD5, TSS, TAN, TP)

Sludge Samples:

Grab (E. coli)
Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 2 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

February 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Grab (E. coli)

Effluent Samples:

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 3 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

March 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Effluent Samples:

Grab (E. coli)

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 4 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

April 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)

Raw Samples:

Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)

Effluent Samples:

Composite Weekly (cBOD5, TSS, TAN, TP)

Sludge Samples:

Grab (E. coli)

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
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 IH Full Monthly Raw & Effluent Samples, Sludge Sample	6	7	8	9 IH Reduced	10
11	12 IH Full Effluent Samples	13	14	15	16 IH Reduced	17
18	19 STAT	20 IH Full Effluent Samples	21	22	23 IH Reduced	24
25	26 IH Full Effluent Samples	27	28	29	30 IH Reduced	31

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)

Raw Samples:

Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)

Effluent Samples:

Composite Weekly (cBOD5, TSS, TAN, TP)

Sludge Samples:

Grab (E. coli)

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 6 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

June 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Grab (E. coli)

Effluent Samples:

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 7 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

July 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:
Effluent Samples:

Grab (E. coli)

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
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 Monthly Raw & Effluent Samples, Sludge Sample	6	7	8 IH Reduced	9
10	11 IH Full Effluent Samples	12	13	14	15 IH Reduced	16
17	18 IH Full Effluent Samples	19	20	21	22 IH Reduced	23
24	25 IH Full Effluent Samples	26	27	28	29 IH Reduced	30
31						

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Effluent Samples:

Grab (E. coli)

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
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 Monthly Raw & Effluent Samples, Sludge Sample	3	4	5 IH Reduced	6
7	8 IH Full Effluent Samples	9	10	11	12 IH Reduced	13
14	15 IH Full Effluent Samples	16	17	18	19 IH Reduced	20
21	22 IH Full Effluent Samples	23	24	25	26 IH Reduced	27
28	29 IH Full Effluent Samples	30 STAT				

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Effluent Samples:

Grab (E. coli)

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 10 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

October 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Effluent Samples:

Grab (E. coli)

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 11 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

November 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)
Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)
Composite Weekly (cBOD5, TSS, TAN, TP)

Raw Samples:

Effluent Samples:

Grab (E. coli)

Sludge Samples:

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding



Sample Schedule 2025 1249 Dorchester WWTP

Issued: 2024-11-01
Rev.#: 0
Pages: 12 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

December 2025

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

IH (In House) Full:

Raw (Temp., pH--Monthly)
Aeration (Set Test, MLSS, MLVSS DO, pH, Temp.)
WAS (MLSS)
Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)

IH (In House) Reduced:

Aeration (Set Test, DO, pH, Temp.)

Raw Samples:

Effluent (DO, pH, Temp., TSS, TP, NH3+NH4)
Composite Monthly-required by ECA (BOD5, TSS, TP, TKN)

Effluent Samples:

Composite Weekly (cBOD5, TSS, TAN, TP)

Sludge Samples:

Grab (E. coli)

Grab Monthly (Total Metals, TP, TKN, TAN, TS, E.coli, NO2, NO3) Field Application (Apr 1st – Nov 30th)

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
2024-11-01	0	Create Schedule	Matt Belding

APPENDIX D

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
3725606	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	1/1/24 12:00 AM	1/31/24 02:54 PM	1/31/24 02:54 PM	Completed January testing. -
3725985	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	1/1/24 12:00 AM	1/29/24 07:57 AM	1/29/24 07:57 AM	Completed January testing. -
3726415			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	1/1/24 12:00 AM	2/5/24 09:44 AM	2/5/24 09:44 AM	Bulbs & channel inspected/cleaned 01/16. -
3726464			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	1/1/24 12:00 AM	2/5/24 09:46 AM	2/5/24 09:46 AM	Grounds maintained for month of January. -
3726605			1249, DORCHESTER W	OPER	Inspection	1	YEARS	Daily O&M Activities DORCHESTER WWTP (1y) - 1249	COMP	1/1/24 12:00 AM	1/2/25 07:39 AM	1/2/25 07:39 AM	- assisted with SBR4 waste pump pull - completed inhouse ammonia testing adjusted wasting as per OIC pH testing in effluent channel, also for SBR1 and SBR4 reported to ORO
3726838			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	1/1/24 12:00 AM	1/29/24 08:32 AM	1/29/24 08:32 AM	Completed January inspection. -
3727411	0000248449	LAB GLASSWARE ADMIN AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Lab Equipment Insp/Service (1y) - 1249	CLOSE	1/1/24 12:00 AM	3/14/24 07:48 AM	3/14/24 07:48 AM	Completed inspection. DR3900 calibrated 01/08. - Benchtop colourimeter verified 01/08. Glassware in good condition. Microscope works well. Vaccum pump/buchner funnel in good condition. Balance in good condition. Pipette does not dispense accurately to setting, but dispenses consistently - functional but could use an upgrade budget permitting. Gravity oven keeps blowing fuses but is functional. Muffle furnace works well.

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3739991			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	1/1/24 12:00 AM	1/29/24 03:35 PM	1/29/24 03:35 PM	Cleaned SBR1 probe Jan 26 - Cleaned SBR4 probe, inspected SBR2 & 3 probes - all appears normal. -
3744719	0000314455	ACTUATOR ELECTRIC ARV-4 AERATION AIR SBR 04 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 4 SBR Service (3m) - 1249	CLOSE	1/1/24 12:00 AM	2/26/24 02:47 PM	2/26/24 02:47 PM	- completed inspection of air actuator, operated in local, no unusual noises or cool to the touch. currently off and tested in auto. no issues.
3744728	0000314454	ACTUATOR ELECTRIC ARV-3 AERATION AIR SBR 03 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 3 SBR Service (3m) - 1249	CLOSE	1/1/24 12:00 AM	2/26/24 02:49 PM	2/26/24 02:49 PM	- completed inspection of air actuator, working in local and responding to opening and closing, tested in auto. no unusual noises and cool to the touch. all appears normal
3744940	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	1/1/24 12:00 AM	1/31/24 02:58 PM	1/31/24 02:58 PM	Completed January inspection. -
3747726	0000164924	ACTUATOR ELECTRIC ARV-1 AERATION AIR SBR 01 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 1 SBR Service (3m) - 1249	CLOSE	1/1/24 12:00 AM	2/26/24 02:52 PM	2/26/24 02:52 PM	- completed inspection of air actuator. operated in local with no issues. no unusual noises and cool to the touch. tested in auto. all appears normal
3747735	0000164925	ACTUATOR ELECTRIC ARV-2 AERATION AIR SBR 02 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 2 SBR Service (3m) - 1249	CLOSE	1/1/24 12:00 AM	2/26/24 02:43 PM	2/26/24 02:43 PM	- completed inspection of air actuator. working in local with no issues. currently working in auto. no unusual noises and cool to the touch.
3748162			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	1/1/24 12:00 AM	1/31/24 02:47 PM	1/31/24 02:47 PM	Inspected belts, greased fittings, checked oil levels. -
3748239			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	1/1/24 12:00 AM	1/23/24 03:06 PM	1/23/24 03:06 PM	Client Report Completed -Dorchester client report completed. Emailed to Cara.

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3748241			1249, DORCHESTER W	PM	Compliance	3	MONTHS	RP05 WSER Monitoring ORG	CLOSE	1/1/24 12:00 AM	1/23/24 03:12 PM	1/23/24 03:12 PM	WSER Reporting - WSER reporting completed.
3748246			1249, DORCHESTER W	PM	Compliance	3	MONTHS	CM03 Bypass/Overflow	CLOSE	1/1/24 12:00 AM	1/23/24 03:20 PM	1/23/24 03:20 PM	Bypass/Overflow - Bypass/Overflow Email sent to MECP for Q4 of 2023. There were no bypasses or overflows to report.
3748284			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	1/1/24 12:00 AM	1/23/24 03:10 PM	1/23/24 03:10 PM	Wiski Data Reviewed -Reviewed WISKI data. All good.
3760449			1249, DORCHESTER W	CORR	Predictive Maintenance	0		Removing SBR4 inflow Sluice gate	CLOSE		1/12/24 11:57 AM	1/12/24 11:57 AM	- Sluice gate opened
3763222			1249, DORCHESTER W	PM	Compliance	1	YEARS	RP03 Annual Report ECA	CLOSE	1/18/24 12:00 AM	3/19/24 10:53 AM	3/19/24 10:53 AM	Annual Report -Dorchester's annual report was completed and submitted to the ministry, clients, and the ECA submission email on Friday March 15th, 2024.
3778425	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	2/1/24 12:00 AM	3/11/24 08:30 AM	3/11/24 08:30 AM	Completed February testing. -
3778737	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	2/1/24 12:00 AM	2/14/24 10:31 AM	2/14/24 10:31 AM	Completed February testing. -
3779149			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	2/1/24 12:00 AM	3/4/24 08:09 AM	3/4/24 08:09 AM	Replaced 2 burnt out bulbs, cleaned sleeves, scraped side of effluent channel. -
3779200			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	2/1/24 12:00 AM	3/4/24 03:55 PM	3/4/24 03:55 PM	Completed grounds maintenance tasks for Feb. -
3779406			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	2/1/24 12:00 AM	2/15/24 02:13 PM	2/15/24 02:13 PM	Completed February inspection. Lights, showers, & eyewash all in working order. - Extinguishers inspected by Classic Fire & Life Safety.
3780031			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Butterfly Insp Route (1y) - 1249	CLOSE	2/1/24 12:00 AM	2/26/24 02:38 PM	2/26/24 02:38 PM	- completed inspection of butterfly valves on air lines, and behind blowers. all working as designed.

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3788608			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	2/1/24 12:00 AM	3/28/24 04:12 PM	3/28/24 04:12 PM	Completed 02/28, forgot to complete WO. -
3792141	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	2/1/24 12:00 AM	2/15/24 12:03 PM	2/15/24 12:03 PM	- inspected sump pumps. checked float, working as intended no concerns.
3794350			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	2/1/24 12:00 AM	2/15/24 12:06 PM	2/15/24 12:06 PM	- inspected all blowers, all filters clean and intake screens. all topped up with required amount of oil and greased. Blower#2 still in process of having VFD replaced so unable to test.
3794378			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	2/1/24 12:00 AM	2/16/24 08:21 AM	2/16/24 08:21 AM	Client Report Completed - Client report completed for Dorchester.
3794411			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	2/1/24 12:00 AM	2/16/24 08:19 AM	2/16/24 08:19 AM	Wiski Data Reviewed - Wiski data reviewed for Dorchester.

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3806373			Dorchester WWTP	CORR	Refurbish/ Replace/Repair	0		Dorchester Dialler Troubleshooting 02/20 - Datasoft on site	CLOSE	2/20/24 04:00 PM	2/20/24 04:00 PM	2/20/24 05:00 PM	Dialler troubleshooting with Rick Beer from Datasoft. - Datasoft switched out phone port used for dialer, confirmed function by calling Rick Beer's cell. Still noting failures when calling to Spectrum. New Win911 software requires voice activation & acknowledgement code on receiving end of alarm call before dialer will begin reading off alarms. Called Spectrum and made them aware of changes on their end to ensure alarms are being properly delivered. Simulated SBR1 air valve alarms, confirmed calling out correctly. Returned system to normal service, set to call Spectrum should any alarms occur overnight.
3821800	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	3/1/24 12:00 AM	4/18/24 11:10 AM	4/18/24 11:10 AM	Completed March alarm testing 03/12, forgot to close WO. See logbook entry. -

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3822095	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	3/1/24 12:00 AM	3/19/24 09:46 AM	3/19/24 09:46 AM	Completed March testing - failed to start on 1st attempt, worked as normal on 2nd - Generator took 2 attempts to start, but functioned as normal once running. Checked oil - condition appears good. Battery does not appear corroded but could be aging - no obvious install/replace date visible. Last inspected by GenCare July 2023. See operating record for details.
3822519			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	3/1/24 12:00 AM	4/4/24 07:39 AM	4/4/24 07:39 AM	Cleaned bulbs/trough on 03/22. -
3822568			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	3/1/24 12:00 AM	4/8/24 12:44 PM	4/8/24 12:44 PM	Completed grounds maintenance activities for March. -
3822791			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	3/1/24 12:00 AM	3/14/24 10:42 AM	3/14/24 10:42 AM	Completed March inspection. - Lights, shower & eye washes all in working order. First aid & spill kits are well stocked. Filter building fire extinguishers still with Classic Fire & Life Safety - checked all others. Filled out Thames Centre safety checklist.
3826861			1249, DORCHESTER W	OPER	Inspection	0		1249-WWDO 1249, DORCHESTER WWTP	CLOSE	3/1/24 12:00 AM	5/2/24 01:36 PM	5/2/24 01:36 PM	

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3832003			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Fan Exhaust Route Inspec/Service (3m) 1249	CLOSE	3/1/24 12:00 AM	3/15/24 03:14 PM	3/15/24 03:14 PM	Inspected & tested all fans except filter building exhaust - 03/14 - Inspected all units listed in work order except for filter building exhaust (0000314473). Unable to confirm function, all other fans appear to be functioning well. Inspected filter building exhaust fans from roof - confirmed function - 03/15 - Inspected filter building exhaust fans from roof - unit is functioning normally, but difficult to see from ground level.
3832019	0000314434	ANALYZER GAS	1249, DORCHESTER W	PM	Calibration	1	YEARS	Sensor Gas Inspection/Service (1y) 1249	CLOSE	3/1/24 12:00 AM	4/4/24 07:41 AM	4/4/24 07:41 AM	Serviced by Hetek 04/03. -
3832023			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	3/1/24 12:00 AM	4/4/24 08:26 AM	4/4/24 08:26 AM	Inspected DO probes - clean & reading well. -
3832025			1249, DORCHESTER W	PM	Inspection	1	YEARS	Lifting Devices/Ladders Route Inspec/Service (1y) 1249	CLOSE	3/1/24 12:00 AM	3/28/24 04:04 PM	3/28/24 04:04 PM	Inspected portable & fixed ladders, lifting devices to be inspected 03/26. - All portable & fixed ladders in good condition - no evidence of damage or corrosion. Lifting devices inspected by Hamisco & HB Material Handling 03/26. -
3832032			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Air Handling Unit Route Inspec/Service (3m) 1249	CLOSE	3/1/24 12:00 AM	3/15/24 03:22 PM	3/15/24 03:22 PM	Inspected filter building/control room HVAC units, changed filters. -
3832043			1249, DORCHESTER W	PM	Inspection	1	YEARS	Filter Multi Media Route Inspec/Service (1y) 1249	CLOSE	3/1/24 12:00 AM	3/14/24 10:07 AM	3/14/24 10:07 AM	Cleaned & inspected interior of filter basins. - Pile cloth in good condition. Minor film buildup on mechanical components, removed with power washer.

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3832047	0000314472	TANK HOT WATER FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Hot Water Inspection/Service (1y) 1249	CLOSE	3/1/24 12:00 AM	3/11/24 01:11 PM	3/11/24 01:11 PM	- Completed annual inspection. No issues observed. Set point - 120 operating temp - 120
3832050	0000314489	VALVE SOLENOID TRAP PRIMING FLOOR DRAINS FILTER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Valve Solenoid Floor Drain Inspection (3m) 1249	CLOSE	3/1/24 12:00 AM	3/15/24 03:12 PM	3/15/24 03:12 PM	- inspected and working as designed
3835295	0000063108	BLOWER POSITIVE DISPLACEMENT AB-1 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	CLOSE	3/1/24 12:00 AM	3/22/24 01:43 PM	3/22/24 01:43 PM	Completed March service - checked belt/oil condition, greased fittings, and cleaned intake screen. -
3835298	0000063107	BLOWER POSITIVE DISPLACEMENT AB-2 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 21 Service (3m) -1249	CLOSE	3/1/24 12:00 AM	3/19/24 11:39 AM	3/19/24 11:39 AM	Checked belts/oil, greased fittings, cleaned intake screen. -
3835301	0000063106	BLOWER POSITIVE DISPLACEMENT AB-AS1 BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower SLUDGE Service (3m) -1249	CLOSE	3/1/24 12:00 AM	3/19/24 11:37 AM	3/19/24 11:37 AM	Checked belts/oil, greased fittings, cleaned intake screen. -
3835304	0000164829	BLOWER POSITIVE DISPLACEMENT AB-3 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	CLOSE	3/1/24 12:00 AM	3/21/24 11:23 AM	3/21/24 11:23 AM	
3835599	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	3/1/24 12:00 AM	3/21/24 11:16 AM	3/21/24 11:16 AM	Inspected piping for leaks, tipped float by hand and observed pump function. -
3837830			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	3/1/24 12:00 AM	3/21/24 11:29 AM	3/21/24 11:29 AM	Completed March service on all blowers. All appears normal - Checked belt/oil condition, greased fittings and cleaned intake screens for Blowers 1, 2 & 3 as well as sludge blower.
3837858			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	3/1/24 12:00 AM	3/14/24 12:20 PM	3/14/24 12:20 PM	Client Report Completed - Client report for Dorchester completed

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3837879			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	3/1/24 12:00 AM	3/14/24 12:00 PM	3/14/24 12:00 PM	Wiski Data Reviewed - Dorchesters wiski data reviewed. No issues.
3849232			1249, DORCHESTER W	OPER	Inspection	0		Outfall Inspection at Thames River-DORCHESTER WWTP (1y) - 1249	CLOSE		4/8/24 03:46 PM	4/8/24 03:46 PM	Inspected outfall - No signs of obstruction. Effluent appears clear, no notable difference as it enters the river. Retaining wall in good shape. Outflow pipe clean & unobstructed as far backward as was visible.
3867929	0000063105	PANEL ALARM/DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:46 AM	5/1/24 08:46 AM	Completed April testing. -
3868256	0000063147	GENERATOR W/DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:43 AM	5/1/24 08:43 AM	Completed April testing. Gnerator took 3 attempts to start, but ran as normal once started. -
3868649			1249, DORCHESTER W	PM	Refurbish/Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:44 AM	5/1/24 08:44 AM	Cleaned bulbs/trough, replaced 2 burnt out bulbs. -
3868698			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:56 AM	5/1/24 08:56 AM	Completed April grounds maintenance tasks. -
3868907			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	4/1/24 12:00 AM	4/5/24 03:51 PM	4/5/24 03:51 PM	Completed April inspection - lights, extinguishers, shower & eyewashes all in working order - Filter building extinguishers still with Classic Fire & Life Safety - checked all others.
3873019	0000063135	PUMP DIAPHRAGM AFP-1 ALUM DOSING CHEMICAL RM	1249, DORCHESTER W	PM	Refurbish/Replace/Repair	1	YEARS	Pump 01 Alum Insp/Service (1y) - 1249	CLOSE	4/1/24 12:00 AM	4/19/24 09:14 AM	4/19/24 09:14 AM	- inspected daily and working as intended
3873025	0000063136	PUMP DIAPHRAGM AFP-2 ALUM DOSING CHEMICAL RM	1249, DORCHESTER W	PM	Refurbish/Replace/Repair	1	YEARS	Pump 02 Alum Insp/Service (1y) - 1249	CLOSE	4/1/24 12:00 AM	4/19/24 09:15 AM	4/19/24 09:15 AM	- completed and working as intended.

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3873031	0000063133	TANK STORAGE ALUM CHEMICAL RM	1249, DORCHESTER W	PM	Inspection	1	YEARS	Tank Storage Alum Insp/Service (1y) - 1249	CLOSE	4/1/24 12:00 AM	4/18/24 02:05 PM	4/18/24 02:05 PM	tank exterior, containment, piping, and valves all appear to be in good condition. No obvious signs -
3881191			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	4/1/24 12:00 AM	4/18/24 03:56 PM	4/18/24 03:56 PM	Raised & inspected probes - clean & reading well. -
3881196			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Gate Route Inspec/Sevice (1y) 1249	CLOSE	4/1/24 12:00 AM	5/2/24 08:15 AM	5/2/24 08:15 AM	- All sluice gates operational for inlet into SBR's, SBR4 sluice gate in process of being replaced by Farmington Mechanical.
3881199	0000314430	PANEL LIGHTING LP-100 BLOWER RM	1249, DORCHESTER W	PM	Inspection	2	YEARS	Panel Breaker Inspection/Service (2y) 1249	CLOSE	4/1/24 12:00 AM	5/2/24 08:21 AM	5/2/24 08:21 AM	- Inspected panel breaker. clean and no hotspots. all appears normal
3885227	0000314455	ACTUATOR ELECTRIC ARV-4 AERATION AIR SBR 04 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 4 SBR Service (3m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:37 AM	5/1/24 08:37 AM	Inspected casing - in good condition. Observed valve actuate in auto. -
3885236	0000314454	ACTUATOR ELECTRIC ARV-3 AERATION AIR SBR 03 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 3 SBR Service (3m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:38 AM	5/1/24 08:38 AM	Inspected casing - in good condition. Observed valve actuate in auto. -
3885364	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	4/1/24 12:00 AM	4/4/24 08:20 AM	4/4/24 08:20 AM	Checked piping for leaks, tipped float by hand and observed normal pump function. -
3888211	0000164924	ACTUATOR ELECTRIC ARV-1 AERATION AIR SBR 01 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 1 SBR Service (3m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:39 AM	5/1/24 08:39 AM	Inspected casing - in good condition. Observed valve actuate in auto. -
3888220	0000164925	ACTUATOR ELECTRIC ARV-2 AERATION AIR SBR 02 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 2 SBR Service (3m) - 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:40 AM	5/1/24 08:40 AM	Inspected casing - in good condition. Observed valve actuate in auto. -
3888672			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	4/1/24 12:00 AM	5/1/24 08:55 AM	5/1/24 08:55 AM	Cleaned intake screens, inspected belts/oil levels -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
3888792			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	4/1/24 12:00 AM	4/15/24 11:59 AM	4/15/24 11:59 AM	Client Report -Dorchester's PCT portion of the client report completed 04/10/2024. Emailed Cara to finish.
3888794			1249, DORCHESTER W	PM	Compliance	3	MONTHS	RP05 WSER Monitoring ORG	CLOSE	4/1/24 12:00 AM	4/15/24 12:43 PM	4/15/24 12:43 PM	WSER Reporting -Dorchester's WSER reporting completed for Q1. No issues
3888799			1249, DORCHESTER W	PM	Compliance	3	MONTHS	CM03 Bypass/Overflow	CLOSE	4/1/24 12:00 AM	4/15/24 12:46 PM	4/15/24 12:46 PM	By-Pass/Overflow -Dorchester's quarterly by-pass/overflow email sent to MECP. No bypasses or overflows to report for Q1.
3888853			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	4/1/24 12:00 AM	4/15/24 01:09 PM	4/15/24 01:09 PM	WISKI Data Reviewed -Dorchester's WISKI data reviewed. No issues.
3920570	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	5/1/24 12:00 AM	5/31/24 09:07 AM	5/31/24 09:07 AM	Completed May alarm testing. -
3920859	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	5/1/24 12:00 AM	5/21/24 10:52 AM	5/21/24 10:52 AM	Completed May testing - no issues observed. See operating record for details. -
3921252			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	5/1/24 12:00 AM	5/31/24 09:05 AM	5/31/24 09:05 AM	
3921301			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	5/1/24 12:00 AM	5/31/24 03:50 PM	5/31/24 03:50 PM	Completed grounds maintenance tasks for May. -
3921517			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	5/1/24 12:00 AM	5/2/24 03:27 PM	5/2/24 03:27 PM	Completed May inspection - lights, shower, eyewashes & extinguishers all in good condition. -
3925287	0000063127	PUMP SUBMERSIBLE SANITARY WASTE MAINT SHOP	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Sanitary Waste Insp/Service (1y) - 1249	CLOSE	5/1/24 12:00 AM	5/31/24 08:41 AM	5/31/24 08:41 AM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
3925290	0000063128	PUMP SUBMERSIBLE WASTE SLUDGE 01 SBR 01 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Pump 01 Sanitary Waste Insp/ Service (1y) - 1249	CLOSE	5/1/24 12:00 AM	6/13/24 02:58 PM	6/13/24 02:58 PM	Pulled pump and completed annual inspection. No issues observed. -
3925298	0000063129	PUMP SUBMERSIBLE WASTE SLUDGE 02 SBR 02 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Pump 02 Waste Insp/Service (1y) - 1249	CLOSE	5/1/24 12:00 AM	6/13/24 02:52 PM	6/13/24 02:52 PM	- completed work order. all appears normal, refer to log book for details
3927872	0000248445	SAFETY SPILL KIT 01 BLOWER RM	1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	YEARS	Spill KIt Annual Inspection (1Y)	CLOSE	5/1/24 12:00 AM	5/2/24 03:38 PM	5/2/24 03:38 PM	Completed annual inspection. -
3931059			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Gear Drive FLT-01 CMF 01/02 Service (1y) 1249	CLOSE	5/1/24 12:00 AM	5/16/24 08:59 AM	5/16/24 08:59 AM	Completed annual inspections. - Inspected drive body - no obvious signs of damage/corrosion. Greased fittings. Checked flow rates against previous readings - all appears normal.
3931070			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	5/1/24 12:00 AM	5/7/24 01:54 PM	5/7/24 01:54 PM	Pulled probes & cleaned with warm water. -
3931075	0000314444	SCREEN TRAVELLING GRIT REMOVAL TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Screen Grit Removal Inspection/ Service (1y) 1249	CLOSE	5/1/24 12:00 AM	5/16/24 09:17 AM	5/16/24 09:17 AM	Completed annual inspection. - Inspected screening system body and attached drives for corrosion/ damage - no issues observed. Cleaned internal screens using hot water. Observed system cycling with access covers open to ensure smooth operation.
3934617	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	5/1/24 12:00 AM	5/7/24 01:51 PM	5/7/24 01:51 PM	Completed May inspection. - Checked pump body for corrosion, checked piping for leaks, tipped float by hand and observed normal pump function.
3934620	0000334583	UPS BATTERY BANK SCADA PLC ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	YEARS	IUPS SCADA PLC CONTROLLER nsp/Service (1y) - 1249	CLOSE	5/1/24 12:00 AM	5/31/24 10:54 AM	5/31/24 10:54 AM	Completed annual inspection - unit appears to be in good confition, no issues observed. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
3937226			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	5/1/24 12:00 AM	5/31/24 03:49 PM	5/31/24 03:49 PM	Cleaned blower intake screens, checked belt condition/oil levels. -
3937259			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	5/1/24 12:00 AM	5/16/24 09:40 AM	5/16/24 09:40 AM	Client Report -Client report completed
3937276			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	5/1/24 12:00 AM	5/16/24 09:40 AM	5/16/24 09:40 AM	WISKI Data Reviewed -Wiski data reviewed
3968387	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	6/1/24 12:00 AM	7/2/24 10:03 AM	7/2/24 10:03 AM	- completed in June 2024
3968676	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	6/1/24 12:00 AM	6/5/24 10:53 PM	6/5/24 10:53 PM	Completed June testing. No issues observed - see operating record for details. -
3969140			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	6/1/24 12:00 AM	6/27/24 10:27 AM	6/27/24 10:27 AM	Swapped out burnt out lamp (A-1-3), S. Duquez scraped algae buildup from walls of trough. - Swapped burnt out lamp (A-1-4), pulled and cleaned both banks using soap & water. -
3969210			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	6/1/24 12:00 AM	7/2/24 10:01 AM	7/2/24 10:01 AM	- Completed in Month of June
3969426			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	6/1/24 12:00 AM	6/11/24 02:52 PM	6/11/24 02:52 PM	Completed June inspection. - Lights, showers & eyewashes all in good condition. Filter building process room extinguishers remain off-site with Classic Fire & Life safety - checked all others.
3973660			1249, DORCHESTER W	OPER	Inspection	0		1249-WWDO 1249, DORCHESTER WWTP	CLOSE	6/1/24 12:00 AM	7/19/24 08:21 AM	7/19/24 08:21 AM	- Completed

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
3973987	0000063160	SAMPLER AUTOMATIC EFFLUENT WATER EFFLUENT CHANNEL	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Auto Sampler Effluent Insp/Service (1y) - 1249	CLOSE	6/1/24 12:00 AM	6/28/24 10:17 AM	6/28/24 10:17 AM	Completed inspection - Desiccant/tubing in good condition, refrigeration working well. cleaned bottle & interior of sample cabinet.
3980837			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Fan Exhaust Route Inspec/Service (3m) 1249	CLOSE	6/1/24 12:00 AM	6/13/24 03:01 PM	6/13/24 03:01 PM	Completed inspections - no issues observed.
3980853			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	6/1/24 12:00 AM	6/27/24 03:54 PM	6/27/24 03:54 PM	Pulled and cleaned probes with soapy water.
3980855			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Motor AC Inspection (1y) 1249	CLOSE	6/1/24 12:00 AM	6/28/24 03:17 PM	6/28/24 03:17 PM	-
3980861			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Air Handling Unit Route Inspec/ Service (3m) 1249	CLOSE	6/1/24 12:00 AM	6/13/24 03:03 PM	6/13/24 03:03 PM	Completed inspections. No issues observed - Swapped air filters in filter building AHU.
3980872	0000314489	VALVE SOLENOID TRAP PRIMING FLOOR DRAINS FILTER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Valve Solenoid Floor Drain Inspection (3m) 1249	CLOSE	6/1/24 12:00 AM	6/18/24 03:15 PM	6/18/24 03:15 PM	Completed inspection & confirmed normal function.
3984187	0000063108	BLOWER POSITIVE DISPLACEMENT AB-1 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	CLOSE	6/1/24 12:00 AM	6/28/24 10:22 AM	6/28/24 10:22 AM	-
3984190	0000063107	BLOWER POSITIVE DISPLACEMENT AB-2 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 21 Service (3m) -1249	CLOSE	6/1/24 12:00 AM	6/27/24 03:40 PM	6/27/24 03:40 PM	Cleaned blower intake screens, checked belt condition/oil levels.
3984193	0000063106	BLOWER POSITIVE DISPLACEMENT AB- AS1 BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower SLUDGE Service (3m) -1249	CLOSE	6/1/24 12:00 AM	6/28/24 10:18 AM	6/28/24 10:18 AM	Cleaned blower intake screens, checked belt condition/oil levels.
3984196	0000164829	BLOWER POSITIVE DISPLACEMENT AB-3 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	CLOSE	6/1/24 12:00 AM	6/28/24 10:20 AM	6/28/24 10:20 AM	Cleaned intake screens, inspected belts/oil levels

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
3984496	0000334569	VALVE BALL W/ ACTUATOR MV-02 SLUDGE VALVE FILTER 01 FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Actuator Electric Inspection/Service (1y) - 1249	CLOSE	6/1/24 12:00 AM	6/21/24 07:40 AM	6/21/24 07:40 AM	Opened housing, inspected interior, actuated valve. -Internal components appear in good condition, noted fine soot inside casing. No other issues observed.
3984505	0000334572	VALVE BALL W/ ACTUATOR MV-01 BACKWASH VALVE FILTER 02 FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Actuator Electric Inspection/Service (1y) - 1249	CLOSE	6/1/24 12:00 AM	6/21/24 07:43 AM	6/21/24 07:43 AM	Opened housing, inspected interior, actuated valve. - No issues observed.
3984514	0000334571	VALVE BALL W/ ACTUATOR MV-02 SLUDGE VALVE FILTER 02 FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Actuator Electric Inspection/Service (1y) - 1249	CLOSE	6/1/24 12:00 AM	6/21/24 07:42 AM	6/21/24 07:42 AM	Opened housing, inspected interior, actuated valve. - No issues observed.
3984523	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	6/1/24 12:00 AM	6/3/24 10:31 AM	6/3/24 10:31 AM	Completed June inspection. - Inspected pump body/attached valves and piping for damage/ corrosion - no issues observed. Tipped float by hand and observed sump pump functioning normally.
3987179			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	6/1/24 12:00 AM	6/28/24 10:21 AM	6/28/24 10:21 AM	Completed June service on all blowers. -
3987207			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	6/1/24 12:00 AM	6/6/24 01:38 PM	6/6/24 01:38 PM	Client Report -Completed Client report for Dorchester. Cara to finish and send to client.
3987240			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	6/1/24 12:00 AM	6/10/24 11:36 AM	6/10/24 11:36 AM	WISKI Data Reviewed - Wiski data reviewed
4016766	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	7/1/24 12:00 AM	8/23/24 07:49 AM	8/23/24 07:49 AM	Completed during generator testing 07/12. -
4017097	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	7/1/24 12:00 AM	7/9/24 02:48 PM	7/9/24 02:48 PM	Completed July testing - no issues observed. See operating record for details. - Oil somewhat discoloured, annual service to be scheduled this month.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4017509			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	7/1/24 12:00 AM	8/23/24 07:44 AM	8/23/24 07:44 AM	
4017558			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	7/1/24 12:00 AM	8/6/24 10:08 AM	8/6/24 10:08 AM	cleaned cobwebs/flies in filter building 07/22. -
4017760			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	7/1/24 12:00 AM	7/2/24 10:40 AM	7/2/24 10:40 AM	S. Duquez completed July inspection. - Inspection completed by S. Duquez - checked findings afterward and inspected fire extinguishers. Lights, shower & eyewashes all in good condition. Filter building fire extinguishers remain off site with Classic Fire & Life Safety, checked all others. Removed weeds growing through treads of filter building stairs to prevent trips/falls
4023408	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel 01 Insp/Service (1y) - 1249	CLOSE	7/1/24 12:00 AM	8/8/24 07:42 AM	8/8/24 07:42 AM	Service completed by Thames Centre/GenCare. -
4028289			1249, DORCHESTER W	PM	Inspection	1	YEARS	Mixer Submersible 1-4 Route Inspec/Service (1y) 1249	CLOSE	7/1/24 12:00 AM	8/21/24 09:14 AM	8/21/24 09:14 AM	Observed mixers in operation, no unusual vibrations noted. -
4028292			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	7/1/24 12:00 AM	8/15/24 09:32 AM	8/15/24 09:32 AM	Pulled and cleaned probes. -
4028294			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Aeration Tanks Route Insp (1y) 1249	CLOSE	7/1/24 12:00 AM	7/9/24 08:04 AM	7/9/24 08:04 AM	All wasting pumps pulled & inspected in June. -
4028306			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Switch Level Aeration / Filter Route Inspec (1y) 1249	CLOSE	7/1/24 12:00 AM	8/23/24 07:51 AM	8/23/24 07:51 AM	Units are clean and appear to be reading accurately. -
4032237	0000314455	ACTUATOR ELECTRIC ARV-4 AERATION AIR SBR 04 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 4 SBR Service (3m) - 1249	CLOSE	7/1/24 12:00 AM	8/22/24 08:59 AM	8/22/24 08:59 AM	Unit out of service for repairs with Dielco as of 07/24. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4032246	0000314454	ACTUATOR ELECTRIC ARV-3 AERATION AIR SBR 03 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 3 SBR Service (3m) - 1249	CLOSE	7/1/24 12:00 AM	8/22/24 09:20 AM	8/22/24 09:20 AM	- Inspected actuator for damage/ corrosion - no issues observed. Testing unit to determine optimum speed for rebuilt actuator.
4032471	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	7/1/24 12:00 AM	7/22/24 10:04 AM	7/22/24 10:04 AM	Completed July inspection. - Visually inspected pump body & attached piping for damage/ corrosion - none obvious. Tipped float by hand and observed pump functioning normally.
4035039	0000164924	ACTUATOR ELECTRIC ARV-1 AERATION AIR SBR 01 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 1 SBR Service (3m) - 1249	CLOSE	7/1/24 12:00 AM	8/22/24 09:02 AM	8/22/24 09:02 AM	Inspected unit for damage/corrosion & observed normal operation. - Inspected Actuator body for damage/ corrosion - none observed. Observed unit actuate through full decant cycle without issue.
4035048	0000164925	ACTUATOR ELECTRIC ARV-2 AERATION AIR SBR 02 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 2 SBR Service (3m) - 1249	CLOSE	7/1/24 12:00 AM	8/22/24 09:04 AM	8/22/24 09:04 AM	Inspected unit for damage/corrosion & observed normal operation. - Inspected actuator body for damage/ corrosion - none observed. Observed unit through full decant cycle without issue.
4035469			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	7/1/24 12:00 AM	8/23/24 07:47 AM	8/23/24 07:47 AM	Completed monthly blower service. - Oil changed/service completed in sludge blower 07/04, other blowers serviced 07/09.
4035531			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	7/1/24 12:00 AM	7/9/24 03:10 PM	7/9/24 03:10 PM	Client Report - Client report completed.
4035533			1249, DORCHESTER W	PM	Compliance	3	MONTHS	RP05 WSER Monitoring ORG	CLOSE	7/1/24 12:00 AM	7/16/24 12:15 PM	7/16/24 12:15 PM	WSER Reporting -Dorchester's WSER report Completed.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4035538			1249, DORCHESTER W	PM	Compliance	3	MONTHS	CM03 Bypass/Overflow	CLOSE	7/1/24 12:00 AM	7/16/24 12:18 PM	7/16/24 12:18 PM	By-Pass/Overflow - Email sent for Quarterly By-pass/Overflow. Included the April 12th Bypass of 80m3.
4035576			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	7/1/24 12:00 AM	7/17/24 09:38 AM	7/17/24 09:38 AM	WISKI Data Reviewed - Dorchester's WISKI data reviewed. All good.
4065505	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	8/1/24 12:00 AM	8/29/24 03:14 PM	8/29/24 03:14 PM	Completed August alarm testing. -
4065794	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	8/1/24 12:00 AM	8/28/24 03:32 PM	8/28/24 03:32 PM	Completed August testing. - Noted display screen in generator cabinet showing 650V output while generator was running. Checked against panel in control room which showed all 3 phases at ~600V as normal. Recorded readings from interior panel. No other issues observed. See operating record for details.
4066206			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	8/1/24 12:00 AM	8/30/24 03:23 PM	8/30/24 03:23 PM	Scraped sides/bottom of UV trough to clear algae buildup, cleaned bulbs. -
4066255			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	8/1/24 12:00 AM	8/30/24 03:30 PM	8/30/24 03:30 PM	Cleaned cobwebs/flies from interior of filter building. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4066455			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	8/1/24 12:00 AM	8/8/24 09:08 AM	8/8/24 09:08 AM	Completed August inspection 08/06. - Lights, shower and eyewashes all in good condition. Verified First aid & spill kit contents. Filter building process room fire extinguishers remain off-site with Classic Fire & Life Safety - checked all fire extinguishers and logged all non-loaners. Completed Thames Centre safety checklist.
4075518			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent Inspection/Service (1y) 1249	CLOSE	8/1/24 12:00 AM	8/30/24 08:14 AM	8/30/24 08:14 AM	Inspected pumps while running - no issues observed. - Pumps functioning normally, no unusual noises/vibration.
4075528			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	8/1/24 12:00 AM	8/29/24 03:07 PM	8/29/24 03:07 PM	Pulled & inspected probes - units functioning well. -
4078810	0000164829	BLOWER POSITIVE DISPLACEMENT AB-3 AERATION BLOWER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Blower 03 Air Sludge Tank Insp/ Service (1y) - 1249	CLOSE	8/1/24 12:00 AM	8/30/24 03:30 PM	8/30/24 03:30 PM	Completed monthly servicing, oil changed July 4. -
4079016	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	8/1/24 12:00 AM	8/15/24 09:37 AM	8/15/24 09:37 AM	Inspected pump body/piping, tested by hand. - Inspected pump body & attached piping for damage/corrosion - none observed. Tipped float by hand and observed pump operating normally.
4081516			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	8/1/24 12:00 AM	8/30/24 03:27 PM	8/30/24 03:27 PM	completed monthly blower service. - greased fittings, cleaned blower screens, checked belt/oil condition.
4081549			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	8/1/24 12:00 AM	8/27/24 09:12 AM	8/27/24 09:12 AM	
4081582			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	8/1/24 12:00 AM	8/27/24 09:17 AM	8/27/24 09:17 AM	WISKI Data Reviewed -Wiski data reviewed.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4111912	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	9/1/24 12:00 AM	9/20/24 02:33 PM	9/20/24 02:33 PM	Completed September alarm testing -
4112206	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	9/1/24 12:00 AM	9/20/24 02:26 PM	9/20/24 02:26 PM	Completed September generator/ alarm testing. No issues observed - see operating record for details. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4112653			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	9/1/24 12:00 AM	9/28/24 01:28 PM	9/28/24 01:28 PM	Termination board replacement 09/13 - Replaced UV bank A termination board as per manufacturer recommendation. Isolated bank A from breaker panel, then opened PDC cabinet and removed old termination board. Cables appear to be in good condition, no obvious signs of wear/ damage to termination board. Inserted new board and returned all connections to proper places. ensured connections were tight before returning power to unit. Attempted to turn bank A on in hand once board replacement was complete - similar fault presentation as before. UV HMI showed bank A turning on and operating normally despite a lack of response from the lamps. This state persisted for ~1 minute before "Bank A Fault" alarm recurred. Informed Trojan of findings, awaiting guidance on next steps. Bulb replacement 09/13 - Noted burnt out UV lamp (B-3-4) during termination board replacement. Depowered bank B and replaced faulted bulb with assistance from R. Patel. Returned bank B to normal service, and confirmed all bulbs functioning properly. Shadowed L. Brown for training 09/13 - Returned original termination board to place, bulb replacement. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4112702			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	9/1/24 12:00 AM	9/28/24 01:43 PM	9/28/24 01:43 PM	Completed grounds maintenance tasks for September. -
4112943			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	9/1/24 12:00 AM	9/10/24 08:57 AM	9/10/24 08:57 AM	Completed September inspection. -Completed Monthly OHSA/ Thames Centre safety inspection - lights, shower and eyewash all in good condition. Filter building process room extinguishers remain off-site with Classic FLS. Checked loaners and all other extinguishers. Verified contents of spill & first aid kits. Filled out Thames Centre safety checklist. -
4116610			1249, DORCHESTER W	OPER	Inspection	0		1249-WWDO 1249, DORCHESTER WWTP	CLOSE	9/1/24 12:00 AM	10/1/24 09:08 AM	10/1/24 09:08 AM	
4123521			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Fan Exhaust Route Inspec/Service (3m) 1249	CLOSE	9/1/24 12:00 AM	9/23/24 03:45 PM	9/23/24 03:45 PM	Inspected all main building exhaust fans, confirmed normal functions. - No issues observed, all fans appear to be in good condition. -
4123528			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Louvre Motorized Inspection (1y) 1249	CLOSE	9/1/24 12:00 AM	9/13/24 03:15 PM	9/13/24 03:15 PM	Inspected and confirmed function of main building louvres. Cleaned louvre screens using hand brush - Inspected and confirmed function of main building louvres. Cleaned louvre screens using hand brush & shop vac.
4123539			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	9/1/24 12:00 AM	9/28/24 01:30 PM	9/28/24 01:30 PM	Inspected probes & confirmed function. -
4123544			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Air Handling Unit Route Inspec/ Service (3m) 1249	CLOSE	9/1/24 12:00 AM	9/28/24 01:32 PM	9/28/24 01:32 PM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4123555	0000314489	VALVE SOLENOID TRAP PRIMING FLOOR DRAINS FILTER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Valve Solenoid Floor Drain Inspection (3m) 1249	CLOSE	9/1/24 12:00 AM	9/10/24 08:53 AM	9/10/24 08:53 AM	Tested unit by hand and confirmed normal function. - Tested unit using button on underside. Confirmed unimpeded waterflow to all floor drains.
4123556	0000248447	SNOW BLOWER MAINT SHOP	1249, DORCHESTER W	PM	Inspection	1	YEARS	Vehicle snow removal Insp/Service (1y) - 1249	CLOSE	9/1/24 12:00 AM	9/28/24 01:39 PM	9/28/24 01:39 PM	Inspected unit for damage/wear - no issues observed. -
4123559	0000387420	PUMP CENT W/ DIESEL ENGINE TRASH PORTABLE MAINT SHOP	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent Portable Gas Inspection (1y) 1249	CLOSE	9/1/24 12:00 AM	9/28/24 01:41 PM	9/28/24 01:41 PM	Inspected unit for damage/wear - no issues observed. -
4126836	0000063108	BLOWER POSITIVE DISPLACEMENT AB-1 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	CLOSE	9/1/24 12:00 AM	9/25/24 10:51 AM	9/25/24 10:51 AM	Annual service completed by CompreVac -
4126839	0000063107	BLOWER POSITIVE DISPLACEMENT AB-2 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 21 Service (3m) -1249	CLOSE	9/1/24 12:00 AM	9/25/24 03:12 PM	9/25/24 03:12 PM	CompreVac completed annual service 09/24 - See Technician's report for details.
4126842	0000063106	BLOWER POSITIVE DISPLACEMENT AB- AS1 BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower SLUDGE Service (3m) -1249	CLOSE	9/1/24 12:00 AM	9/25/24 03:18 PM	9/25/24 03:18 PM	CompreVac completed annual blower service 09/24 -
4126845	0000164829	BLOWER POSITIVE DISPLACEMENT AB-3 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	CLOSE	9/1/24 12:00 AM	9/25/24 03:14 PM	9/25/24 03:14 PM	CompreVac completed annual blower service 09/24. - See technician's report for details.
4127142	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	9/1/24 12:00 AM	9/10/24 08:55 AM	9/10/24 08:55 AM	Inspected pump body/piping, tested by hand. - Inspected pump body & attached piping for corrosion/damage - no issues observed. Tipped float by hand and confirmed normal pump function.
4129855			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	9/1/24 12:00 AM	9/25/24 03:10 PM	9/25/24 03:10 PM	CompreVac completed annual blower service 09/24. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4129890			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	9/1/24 12:00 AM	9/19/24 02:14 PM	9/19/24 02:14 PM	Client Report -PCT's portion of the client report completed. Emailed Vitaliy and Meaghen Puff to finish.
4129907			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	9/1/24 12:00 AM	9/19/24 02:48 PM	9/19/24 02:48 PM	WISKI Data Reviewed - Wiski Data reviewed
4161429	0000063105	PANEL ALARM/DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	CLOSE	10/1/24 12:00 AM	10/17/24 10:23 AM	10/17/24 10:23 AM	Completed during generator testing 10/07. -
4161762	0000063147	GENERATOR W/DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	10/1/24 12:00 AM	10/11/24 09:26 AM	10/11/24 09:26 AM	Completed October testing. - Generator took 3 attempts to start, functioned normally once running. No other issues observed. See operating record for details.
4162174			1249, DORCHESTER W	PM	Refurbish/Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	CLOSE	10/1/24 12:00 AM	10/31/24 03:45 PM	10/31/24 03:45 PM	Trojan on-site 10/21 for bank A trouble shooting - Ribbon cable replacement did not affect change in bank A function. Technician swapped out relay board for module 2 in bank A and function was restored to module. Technician believes power surge may have faulted out all relay boards in bank. recommended ordering of replacement set.
4162223			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	CLOSE	10/1/24 12:00 AM	10/29/24 03:28 PM	10/29/24 03:28 PM	Pumped down & power washed interior of filter basins. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4162425			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	10/1/24 12:00 AM	10/4/24 04:27 PM	10/4/24 04:27 PM	-Completed monthly OHSA/ Thames Centre safety inspection - lights, shower, and eyewashes all in good condition. Filter building process room extinguishers remain with Classic FLS - checked loaners, checked and signed off on all others. Verified contents of spill & first-aid kits. Filled out Thames Centre safety checklist.
4166206			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Heater Electric Unit Insp/Service Route (1y) 1249	CLOSE	10/1/24 12:00 AM	10/25/24 03:29 PM	10/25/24 03:29 PM	Inspected heaters - all units appear to be in good condition. -
4173707			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	CLOSE	10/1/24 12:00 AM	10/30/24 11:59 AM	10/30/24 11:59 AM	-Raised & cleaned submersible DO probes for SBRs 1 & 2. Inspected probes for SBRs 3 & 4 - no issues observed.
4173709			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Blower Centrifugal Aeration Inspec/ Service (1y) 1249	CLOSE	10/1/24 12:00 AM	10/31/24 03:02 PM	10/31/24 03:02 PM	Am-Pro removed blower 3 motor for repairs 10/07. - Completed monthly blower service on sludge blower, blowers 1 & 2. - Greased fittings, checked belt/oil condition. Topped up oil in blower 1. Cleaned blower body screens.
4173720	0000314495	VALVE BACKFLOW PREVENTER DOMESTIC WATER FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Backflow Preventer Testing/ Inspec (1y) 1249	CLOSE	10/1/24 12:00 AM	10/17/24 10:25 AM	10/17/24 10:25 AM	Annual inspections completed by Brisson/Municipality Oct 17. -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4173736			1249, DORCHESTER W	PM	Inspection	1	YEARS	UPS Grit Separator PLC Panel Inspec/Service (1y) 1249	CLOSE	10/1/24 12:00 AM	10/28/24 09:09 AM	10/28/24 09:09 AM	Inspected cabinet - no issues observed. - All connections appear in good condition. Exhaust fan functioning normally. No faults/alarms present.
4177434	0000314455	ACTUATOR ELECTRIC ARV-4 AERATION AIR SBR 04 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 4 SBR Service (3m) - 1249	CLOSE	10/1/24 12:00 AM	10/28/24 09:37 AM	10/28/24 09:37 AM	Actuator remains off-site with Dielco for repairs. -
4177443	0000314454	ACTUATOR ELECTRIC ARV-3 AERATION AIR SBR 03 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 3 SBR Service (3m) - 1249	CLOSE	10/1/24 12:00 AM	10/31/24 03:09 PM	10/31/24 03:09 PM	Inspected unit for damage/wear - no issues observed. -
4177556	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	10/1/24 12:00 AM	10/11/24 09:30 AM	10/11/24 09:30 AM	Checked pump body/piping for damage/corrosion, tipped float by hand and confirmed function. -
4180010	0000164924	ACTUATOR ELECTRIC ARV-1 AERATION AIR SBR 01 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 1 SBR Service (3m) - 1249	CLOSE	10/1/24 12:00 AM	10/30/24 12:04 PM	10/30/24 12:04 PM	- Inspected unit for damage/wear - no issues observed. Watched unit cycle through actuation open & closed in auto without issue.
4180019	0000164925	ACTUATOR ELECTRIC ARV-2 AERATION AIR SBR 02 TANK AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Actuator 2 SBR Service (3m) - 1249	CLOSE	10/1/24 12:00 AM	11/7/24 07:45 AM	11/7/24 07:45 AM	Inspection completed 10/31 - no issues observed. - See associated logbook entry for details.
4180479			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	CLOSE	10/1/24 12:00 AM	10/31/24 03:04 PM	10/31/24 03:04 PM	Completed monthly service on sludge blower, blowers 1 & 2. -
4180541			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	10/1/24 12:00 AM	10/7/24 02:28 PM	10/7/24 02:28 PM	Client Report - Finished the PCT portion of the client report. Emailed to management.
4180543			1249, DORCHESTER W	PM	Compliance	3	MONTHS	RP05 WSER Monitoring ORG	CLOSE	10/1/24 12:00 AM	10/7/24 02:33 PM	10/7/24 02:33 PM	WSER Reporting - WSER Reporting completed

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4180548			1249, DORCHESTER W	PM	Compliance	3	MONTHS	CM03 Bypass/Overflow	CLOSE	10/1/24 12:00 AM	10/7/24 02:23 PM	10/7/24 02:23 PM	Bypass & Overflow Quarterly Report - Emailed the quarterly bypass and overflow report for Dorchester. Nothing to report.
4180606			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	10/1/24 12:00 AM	10/7/24 03:17 PM	10/7/24 03:17 PM	WISKI Data Reviewed - Wiski Data Reviewed.
4210257	0000063105	PANEL ALARM/ DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	COMP	11/1/24 12:00 AM	11/29/24 01:18 PM	11/29/24 01:18 PM	Testing completed when running generators 11/07 - 11/08. -
4210546	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	CLOSE	11/1/24 12:00 AM	11/8/24 01:06 PM	11/8/24 01:06 PM	Completed November testing - Generator took 3 attempts to start. See operating record for details. -
4210964			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	COMP	11/1/24 12:00 AM	11/29/24 01:13 PM	11/29/24 01:13 PM	Picked up & swapped bank A relay boards 11/01 - function now restored. - Pulled & cleaned Bank A bulbs 11/05. -
4211013			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	COMP	11/1/24 12:00 AM	11/29/24 01:16 PM	11/29/24 01:16 PM	Cleared cobwebs around filter building door -
4211213			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	CLOSE	11/1/24 12:00 AM	11/7/24 08:21 AM	11/7/24 08:21 AM	-Lights, shower, and eyewashes all in good condition. Filter building fire extinguishers returned by Classic FLS, checked and signed off an all extinguishers. Checked spill & first-aid kits. Filled out Thames Centre safety checklist.
4215813	0000063123	COMPRESSOR AIR ARIC-1 UTILITIES MAINT SHOP	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Compressor Air Insp/Service (1y) - 1249	COMP	11/1/24 12:00 AM	11/29/24 01:06 PM	11/29/24 01:06 PM	- Inspected unit for signs of wear/damage - no issues observed.
4216011	0000063124	TANK PRESSURE ARIC-1 AIR COMP MAINT SHOP	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Air Insp/Service (1y) - 1249	COMP	11/1/24 12:00 AM	11/29/24 01:08 PM	11/29/24 01:08 PM	- Inspected unit for signs of wear/damage - no issues observed.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4219602			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	COMP	11/1/24 12:00 AM	11/29/24 01:15 PM	11/29/24 01:15 PM	-Raised and cleaned all DO probes with warm water. Units appear to be clean and reading well.
4219604			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD Route Inspec/Service (1y) 1249	COMP	11/1/24 12:00 AM	11/29/24 01:12 PM	11/29/24 01:12 PM	-Opened and inspected all VFD cabinets - Connections appear in good condition, gently cleaned dust buildup in cabinet bodies/around exhaust vents with brush/shop vac.
4223041	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	CLOSE	11/1/24 12:00 AM	11/8/24 01:04 PM	11/8/24 01:04 PM	Completed November inspection/ testing. -Inspected filter building sump pump/piping for damage/wear - no issues observed. Tipped float by hand and confirmed normal pump function.
4225198			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	COMP	11/1/24 12:00 AM	12/10/24 03:17 PM	12/10/24 03:17 PM	Ampro Electric installed replacement motor for blower 3 11/04. - Completed VFD autotuning program then adjusted valves and rotated blower 3 into service for blower 2. Allowed unit to run for 20 minutes, no issues observed. Confirmed normal airflow at SBRs 3 & 4. Shut off blower 3, returned valves to normal positions and returned blower 3 to standby service. Blower 2 returned to normal service for SBRs 3 & 4. Confirmed normal airflow.
4225242			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	CLOSE	11/1/24 12:00 AM	11/15/24 07:59 AM	11/15/24 07:59 AM	Client Report - PCT portion of the client report completed.
4225265			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	CLOSE	11/1/24 12:00 AM	11/15/24 08:02 AM	11/15/24 08:02 AM	WISKI Data Reviewed - Wiski data reviewed.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4226527	0000063150	METER FLOW SBR 01 TANK AREA	1249, DORCHESTER W	PM	Calibration	1	YEARS	Meter Flow 01 Calibration (1y) 1249	CLOSE	11/1/24 12:00 AM	11/15/24 08:19 AM	11/15/24 08:19 AM	Flowmetrix completed calibration 11/12. -
4226530	0000063151	METER FLOW SBR 02 TANK AREA	1249, DORCHESTER W	PM	Calibration	1	YEARS	Meter Flow 02 Calibration (1y) 1249	COMP	11/1/24 12:00 AM	11/19/24 08:04 AM	11/19/24 08:04 AM	- Flowmetrix completed Flow meter calibration 11/13
4226533	0000164841	METER FLOW CMF02-FIT02 BACKWASH FILTER 02 FILTER RM	1249, DORCHESTER W	PM	Calibration	1	YEARS	Meter Flow CMF02-FIT-02 BW Filter 2 Calibration (1y) 1249	COMP	11/1/24 12:00 AM	11/19/24 07:59 AM	11/19/24 07:59 AM	- Flowmetrix completed flow meter calibration 11/13
4226536	0000164842	METER FLOW CMF01-FIT01 BACKWASH FILTER 01 FILTER RM	1249, DORCHESTER W	PM	Calibration	1	YEARS	Meter Flow CMF01-FIT-01 BW Filter 1 Calibration (1y) 1249	COMP	11/1/24 12:00 AM	11/19/24 08:00 AM	11/19/24 08:00 AM	- Flowmetrix completed flow meter calibration 11/13
4226539	0000314485	METER FLOW CMF-FIT02 FILTER DISCH FILTER RM	1249, DORCHESTER W	PM	Calibration	1	YEARS	Meter Flow Filter Gallery / Discharge Calibration (1y) 1249	COMP	11/1/24 12:00 AM	11/19/24 08:01 AM	11/19/24 08:01 AM	- Flowmetrix completed flow meter calibration 11/13
4252272	0000063105	PANEL ALARM/DIALER ADMIN AREA	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Alarm Dialer Test/Insp (1m) - 1249	COMP	12/1/24 12:00 AM	12/31/24 11:27 AM	12/31/24 11:27 AM	Testing completed when running generators 12/10 & 12/12. -
4252649	0000063147	GENERATOR W/ DIESEL ENGINE EMERGENCY	1249, DORCHESTER W	PM	Inspection	1	MONTHS	Engine Diesel Test/Insp (1m) - 1249	COMP	12/1/24 12:00 AM	12/13/24 12:34 PM	12/13/24 12:34 PM	
4253137	0000063103	PANEL PLC MAIN ADMIN AREA	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Scada PLC Controller Insp/Service (1y) - 1249	COMP	12/1/24 12:00 AM	12/27/24 02:03 PM	12/27/24 02:03 PM	Inspected cabinet and checked connections for tightness/signs of wear - no issues observed. -
4253218			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	UV Light Insp (1m) - 1249	COMP	12/1/24 12:00 AM	12/31/24 11:29 AM	12/31/24 11:29 AM	-Inspected unit and confirmed all lamps functioning as normal.
4253303			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Building & Grounds Maintenance (1m) - 1249	COMP	12/1/24 12:00 AM	12/31/24 10:31 AM	12/31/24 10:31 AM	Pumped down and power washed filter basins 12/10 -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4253523			1249, DORCHESTER W	PM	HEALTH AND SAFETY	1	MONTHS	OHSA Inspection Dorchester (1m) - 1249	COMP	12/1/24 12:00 AM	12/13/24 12:38 PM	12/13/24 12:38 PM	-Completed December Thames Centre/OHSA safety inspection. Lights, shower, and eyewashes all in good condition. Checked and signed off an all extinguishers. Checked spill & first-aid kits. Filled out Thames Centre safety checklist.
4261402			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Fan Exhaust Route Inspec/Service (3m) 1249	COMP	12/1/24 12:00 AM	12/30/24 11:16 AM	12/30/24 11:16 AM	- Checked all exhaust fans on site and confirmed normal function.
4261418			1249, DORCHESTER W	PM	Inspection	1	MONTHS	Analyzer DO Tanks1-4 Route Inspection (1m) 1249	COMP	12/1/24 12:00 AM	12/31/24 12:30 PM	12/31/24 12:30 PM	-Cleaned & re-tightened connections to SBR4 DO probe. Checked fuses 0254 and 0243 and confirmed function. Upon replacement of fuses, readings were restored for all SBR DO probes and level transducers. - Raised and cleaned SBR 1 & 2 DO probes using warm water/soap.
4261423			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	YEARS	Actuator Electric ARV-3/4 Route Inspec/Service (1y) 1249	COMP	12/1/24 12:00 AM	12/31/24 10:29 AM	12/31/24 10:29 AM	- Inspected SBR 3 & 4 air valves/ actuators for signs of wear or damage - no issues observed. Actuated valves in hand in both directions from valve actuator buttons and from H-O-A switch in blower room.
4261432			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	3	MONTHS	Air Handling Unit Route Inspec/ Service (3m) 1249	COMP	12/1/24 12:00 AM	12/31/24 12:29 PM	12/31/24 12:29 PM	- Inspected both units and confirmed normal function. Replaced filters in filter building AHU, control room AHU filter still in good condition.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4261443	0000314489	VALVE SOLENOID TRAP PRIMING FLOOR DRAINS FILTER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Valve Solenoid Floor Drain Inspection (3m) 1249	COMP	12/1/24 12:00 AM	12/13/24 12:27 PM	12/13/24 12:27 PM	- Inspected filter building floor drain primer system - no issues observed. Tested system in hand and confirmed normal function.
4264440	0000063108	BLOWER POSITIVE DISPLACEMENT AB-1 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	COMP	12/1/24 12:00 AM	12/30/24 01:55 PM	12/30/24 01:55 PM	- Completed service on blower - greased fittings, checked belt/oil condition, and cleaned blower body screens.
4264443	0000063107	BLOWER POSITIVE DISPLACEMENT AB-2 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 21 Service (3m) -1249	COMP	12/1/24 12:00 AM	12/30/24 02:28 PM	12/30/24 02:28 PM	-Completed regular blower service - greased fittings, checked belt/oil condition, and cleaned blower body screens.
4264446	0000063106	BLOWER POSITIVE DISPLACEMENT AB- AS1 BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower SLUDGE Service (3m) -1249	COMP	12/1/24 12:00 AM	12/30/24 02:38 PM	12/30/24 02:38 PM	-Completed regular blower service - greased fittings, checked oil/belt condition, and cleaned blower body screens.
4264449	0000164829	BLOWER POSITIVE DISPLACEMENT AB-3 AERATION BLOWER RM	1249, DORCHESTER W	PM	Inspection	3	MONTHS	Blower 1 Service (3m) -1249	COMP	12/1/24 12:00 AM	12/30/24 02:35 PM	12/30/24 02:35 PM	-Completed regular blower service - greased fittings, checked belt/oil condition, and cleaned blower body screens.
4264726	0000164843	PUMP SUBMERSIBLE SUMP FILTER RM	1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Sump Inspection/Service (1m) 1249	COMP	12/1/24 12:00 AM	12/10/24 03:20 PM	12/10/24 03:20 PM	-Inspected filter building sump pump/piping for damage/wear - no issues observed. Tipped float by hand and confirmed normal pump function.
4266783			1249, DORCHESTER W	PM	Refurbish/ Replace/Repair	1	MONTHS	Blower Centrifugal Aeration Inspec/ Service (1m) 1249	COMP	12/1/24 12:00 AM	12/31/24 10:33 AM	12/31/24 10:33 AM	-Completed regular service on all blowers - see individual WOs for details.
4266811			1249, DORCHESTER W	PM	Compliance	1	MONTHS	CL01 Client Performance Report ORG	COMP	12/1/24 12:00 AM	12/13/24 08:26 AM	12/13/24 08:26 AM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 1249,1249-WWDO

Work Order Type: CORR,OPER,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
4266844			1249, DORCHESTER W	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 1249	COMP	12/1/24 12:00 AM	12/13/24 08:28 AM	12/13/24 08:28 AM	WISKI Data Reviewed -Wiski Data Reviewed.