The Corporation of the City of Stratford
Infrastructure, Transportation and Safety Committee
Open Session
AGENDA

Date: Monday, April 14, 2025

Time: 7:10 P.M.

Location: Council Chamber, City Hall

Committee Present: Councillor Burbach - Chair Presiding, Councillor Nijjar - Vice Chair, Mayor Ritsma, Councillor Beatty, Councillor Biehn, Councillor Briscoe, Councillor Henderson, Councillor Hunter, Councillor McCabe, Councillor Sebben, Councillor Wordofa

Staff Present: Adam Betteridge - Interim Chief Administrative Officer, Tatiana Dafoe - City Clerk, Taylor Crinklaw - Director of Infrastructure Services, Neil Anderson - Director of Emergency Services/Fire Chief, Karmen Krueger - Director of Corporate Services, Kim McElroy - Director of Social Services, Tim Wolfe - Director of Community Services, Audrey Pascual - Deputy Clerk

To watch the Committee meeting live, please click the following link:
https://video.isilive.ca/stratford/live.html
A video recording of the meeting will also be available through a link on the City's website https://calendar.stratford.ca/meetings following the meeting.

Pages

1. Call to Order

The Chair to call the Meeting to Order.

2. Disclosure of Pecuniary Interest and the General Nature Thereof

The *Municipal Conflict of Interest Act* requires any member of Council declaring a pecuniary interest and the general nature thereof, where the interest of a member of Council has not been disclosed by reason of the member's absence from the meeting, to disclose the interest at the first open meeting attended by the member of Council and otherwise comply with the *Act.*

Name, Item and General Nature of Pecuniary Interest

3. Sub-committee Minutes

4 - 11

Sub-committee minutes are attached for background regarding the discussion held at the March 26, 2025, Sub-committee meeting.

4. Delegations

None scheduled.

5. Report of the Manager of Environmental Services

5.1 2024 Annual Water Summary Report to Council (ITS25-005)

12 - 25

Staff Recommendation: THAT the 2024 Water Summary Report (ITS25-005) be received by City Council in accordance with the compliance standards set out in Ontario Regulation 170/03.

Motion by
Sub-committee Recommendation: THAT the 2024 Water Summary Report (ITS25-005) be received by City Council in accordance with the compliance standards set out in Ontario Regulation 170/03.

5.2 2024 Stratford Water Pollution Control Plant (WPCP) Annual Report (ITS25-007)

26 - 157

Staff Recommendation: THAT the 2024 Stratford Water Pollution Control Plant Annual Report be received by City Council for information.

Motion by
Sub-committee Recommendation: THAT the 2024 Stratford Water Pollution Control Plant Annual Report be received by City Council for information.

6. Report of the Events Coordinator

6.1 Request for an Exemption to the Noise Control By-law 113-79 for the Caribbean and African Day Event (ITS25-006)

158 - 160

Staff Recommendation: THAT direction be given on the noise exemption requested by the Multicultural Association for the Caribbean and African Day event on Sunday, May 25, 2025, from 10:00 a.m. to 12:00 a.m. from the following provisions:

- Prohibited all day Sundays and Statutory Holidays, and from 7:00 p.m. of one day to 7:00 a.m. the next day;

- Unreasonable noise provision [Schedule 1, Clause 8];
- Loading and unloading [Schedule 2 clause 4].

Motion by
Sub-committee Recommendation: THAT direction be given on the noise exemption requested by the Multicultural Association for the Caribbean and African Day event on Sunday, May 25, 2025, from 10:00 a.m. to 12:00 a.m. from the following provisions:

- **Prohibited all day Sundays and Statutory Holidays, and from 7:00 p.m. of one day to 7:00 a.m. the next day;**
- **Unreasonable noise provision [Schedule 1, Clause 8];**
- **Loading and unloading [Schedule 2 clause 4].**

7. For the Information of Committee

7.1 Department Update

A copy of the update has been posted to the City's website on the "Engineering" page.

7.2 Advisory Committee/Outside Board Minutes

161 - 182

The following Advisory Committee Minutes were provided for the information of Committee:

- Accessibility Advisory Committee Minutes of January 7, 2025
- Active Transportation Advisory Committee Minutes of January 22, 2025
- Energy & Environment Advisory Committee Minutes of February 6, 2025

8. Adjournment

Meeting Start Time:
Meeting End Time:

Motion by
Committee Decision: THAT the Infrastructure, Transportation and Safety Committee meeting adjourn.

The Corporation of the City of Stratford
Infrastructure, Transportation and Safety Sub-committee
MINUTES

Date:	March 26, 2025
Time:	4:30 P.M.
Location:	Council Chamber, City Hall
Sub-committee Present:	Councillor Burbach - Chair Presiding, Councillor Nijjar - Vice Chair, Councillor Beatty, Councillor Hunter, Councillor McCabe
Staff Present:	Taylor Crinklaw - Director of Infrastructure Services, Audrey Pascual - Deputy Clerk, Neil Anderson - Director of Emergency Services/Fire Chief, Miranda Franken - Council Clerk Secretary

1. Call to Order

The Chair called the Meeting to Order.

Land Acknowledgment

Moment of Silent Reflection

Respectful Conduct Statement

2. Disclosure of Pecuniary Interest and the General Nature Thereof

The *Municipal Conflict of Interest Act* requires any member of Council declaring a pecuniary interest and the general nature thereof, where the interest of a member of Council has not been disclosed by reason of the member's absence from the meeting, to disclose the interest at the first open meeting attended by the member of Council and otherwise comply with the *Act.*

Name, Item and General Nature of Pecuniary Interest
No disclosures of pecuniary interest were made by a Member at the March 26, 2025 Infrastructure, Transportation and Safety Sub-committee meeting.

3. Delegations

None scheduled.

4. Report of the Manager of Environmental Services

4.1 2024 Annual Water Summary Report to Council (ITS25-005)

Staff Recommendation: THAT the 2024 Water Summary Report (ITS25-005) be received by City Council in accordance with the compliance standards set out in Ontario Regulation 170/03.

Sub-committee Discussion: The Director of Infrastructure Services reviewed the report, highlighting the following:

- the report meeting Ministry regulation requirements as the stewards for Stratford's drinking water system;
- results contained meeting with previous year's results;
- the noted Adverse Drinking Water Quality Incident identifying anomalies during sampling, with resamples having no issue;
- the city receiving 91% approval rating for the auditing indicating high compliance with requirements; and
- minor administrative elements identified with staff intending to improve on these to achieve a higher approval rating.

Discussion on this matter occurred between Sub-committee and Staff. Highlights of the discussion included:

- a member inquired about the capacity at the water treatment plant and the general variance of the capacity that can be accommodated;
- the City water treatment being processed through pump and treat chlorination in water well systems;
- wastewater capacity being significant to accommodate high flows with an older system creating issue with high infiltration inflow, for example during heavy rain or ground thaw events;

- the current mechanism for a significant spike in water received by the plant and exceeding capacity being an overflow storm chamber tank which treats the water before discharging back into the environment;
- no capacity concerns for day to day waste use;
- sewer lining programs and reconstruction helping to minimize infiltration and inflow; and
- much infrastructure to be replaced with sewer video inspection program to identify priority areas for the sewer lining programs.

Motion by Councillor Hunter
Sub-committee Recommendation: THAT the 2024 Water Summary Report (ITS25-005) be received by City Council in accordance with the compliance standards set out in Ontario Regulation 170/03.

Carried

4.2 2024 Stratford Water Pollution Control Plant (WPCP) Annual Report (ITS25-007)

Staff Recommendation: THAT the 2024 Stratford Water Pollution Control Plant Annual Report be received by City Council for information.

Sub-committee Discussion: Discussion on this matter occurred between Sub-committee and Staff. Highlights of the discussion included:

- a member asked if the influent data regarding the BOD5 averaging 132% of the design capacity presents a problem;
- staff to look into this further;
- a member noted both the suspended solids and TKN also nearing capacity;
- staff noting the Waste Pollution Control Plant having significant capabilities;
- items close to exceeding design constraints can indicate improvements needed to the existing system;
- an aging structure in the plant being the grit separator, resulting in suspended solids etc. not being effectively captured initially, this

being equipment being up for capital renewal in either 2025 or 2026, dependent on the digestor;

- as aging components requiring rehabilitation are addressed, improvements in reductions and more effective treatment are expected;
- staff to provide a fulsome response at Committee;
- the Digestor Roof still on going;
- staff were not receiving clear messaging from a third party regarding how much of the cost can be provided by the insurance agency and have set up a meeting directly with the agency; and
- this being the delay and a critical point in the decision making.

Motion by Councillor Nijjar
Sub-committee Recommendation: THAT the 2024 Stratford Water Pollution Control Plant Annual Report be received by City Council for information.

Carried

5. Report of the Events Coordinator

5.1 Request for an Exemption to the Noise Control By-law 113-79 for the Caribbean and African Day Event (ITS25-006)

Staff Recommendation: THAT direction be given on the noise exemption requested by the Multicultural Association for the Caribbean and African Day event on Sunday, May 25, 2025, from 10:00 a.m. to 12:00 a.m. from the following provisions:

- Prohibited all day Sundays and Statutory Holidays, and from 7:00 p.m. of one day to 7:00 a.m. the next day;
- Unreasonable noise provision [Schedule 1, Clause 8];
- Loading and unloading [Schedule 2 clause 4].

Motion by Councillor McCabe
Sub-committee Recommendation: THAT direction be given on the noise exemption requested by the Multicultural Association for the Caribbean and African Day event on Sunday, May 25, 2025, from 10:00 a.m. to 12:00 a.m. from the following provisions:

- **Prohibited all day Sundays and Statutory Holidays, and from 7:00 p.m. of one day to 7:00 a.m. the next day;**
- **Unreasonable noise provision [Schedule 1, Clause 8];**
- **Loading and unloading [Schedule 2 clause 4].**

Carried

6. Department Update

Sub-committee Discussion: The Director of Infrastructure Services provided the following highlights from the department update:

- pot hole maintenance in process with an online 'Report an Issue' form being on the Public Works page of the City website for residents to submit issues that create next day work orders;
- staff focus being on tendering for reconstruction general contracts and fleet going out;
- the waste survey is now closed with over 1000 surveys completed, and a dozen pages of comments, this being the second highest survey response received;
- staff moving waste services to a request for proposal phase based on the comments received in the survey, hoping for varying options with pricing to be provided;
- staff reviewing a mechanical arm cart system with one impact for this system being inefficiency to provide bag tags;
- a fulsome report to come back to Sub-committee in May with options and survey results;
- Erie Street parking lot construction scheduled for a mid to late April start;
- staff beginning communications with business owners to coordinate necessary accommodation for deliveries;

- the Environmental Consultation Phase 1 completed for the site with fulsome evaluation of historical uses identified;
- for residential consideration on the site, a Phase 2 being required including drilling, wells and a monitoring period to evaluate risk management measures in developing;
- staff reviewing pricing for a Phase 2 to determine next steps;
- following this, staff to review engagement with the area and options for moving discussion on easements forward; and
- engineering filling in for accessibility staff during this transition period with the Director of Infrastructure Services being the Interim Accessibility Steering Committee Chair and questions or concerns regarding current accessibility services being directed to their office.

Discussion on this matter occurred between Sub-committee and Staff. Highlights of the discussion included:

- a Phase 2 Environmental Report being required by the ministry to provide assurances;
- this phase being the physical investigation of the site to indicate potential contaminants at time of development;
- staff noting should 1 to 2 years pass before proceeding, a second Phase 2 will be required;
- this not being costly or onerous and expediting the readiness of the site when requesting proposals;
- past businesses on the site including tanneries, ink press, coal, hardware store, sewing shop, fabric shop with a Phase 2 focus on buried fuel tanks and heating tanks that could remain from an auto shop using the Phase 1 comprehensive list for targeted physical inspection;
- staff not anticipating a significant impact but required to proceed to provide confirmation;
- the resurfacing of the Erie lot being phased with the construction plan for the lower Erie lot first and moving to the upper lot to support the grading; and

- staff noting in 2022 Council authorized procurement of the Cities platform aerial fire truck for 1.8 million dollars, with the same type of truck having been recently sold for 2.7 million dollars and Council having gotten an amazing deal.

7. Advisory Committee/Outside Board Minutes

The following Advisory Committee Minutes were provided for the information of Sub-committee:

- Accessibility Advisory Committee Minutes of January 7, 2025
- Active Transportation Advisory Committee Minutes of January 22, 2025
- Energy & Environment Advisory Committee Minutes of February 6, 2025

7.1 On-Street Parking on John Street

Advisory Committee Recommendation: THAT the Active Transportation Advisory Committee requests Council direct staff to investigate the possibility of removing the parking lane and installing bike lanes on John Street South between Queensland Road and West Gore Street;

AND THAT all required by-law amendments be made.

Sub-committee Discussion: Members discussed a motion made by the Active Transportation Advisory Committee at the January 22, 2025 meeting, regarding item 9.1 "On Street Parking on John Street";

- a member noting a parking lane having been added in the reconstruction of John Street to reduce the width of the road as a traffic calming measure; and
- the member noting the parking lane is not often used and bike lanes on either side could possibly slow traffic as well.

Motion by Councillor Hunter
Sub-committee Recommendation: THAT Staff be directed to investigate the possibility of removing the parking lane and installing bike lanes on John Street South between Queensland Road and West Gore Street;

AND THAT all required by-law amendments be made.

Carried

8. Next Sub-committee Meeting

The next Infrastructure, Transportation and Safety Sub-committee meeting is April 30, 2025, at 4:30 p.m. in the Council Chamber, City Hall.

9. Adjournment

Motion by Councillor Nijjar
Sub-committee Decision: THAT the Infrastructure, Transportation and Safety Sub-committee meeting adjourn.

Carried

Meeting Start Time: 4:30 P.M.
Meeting End Time: 4:54 P.M.

MANAGEMENT REPORT

Date: March 26, 2025
To: Infrastructure, Transportation & Safety Sub-committee
From: Sean Beech, Manager of Environmental Services
Report Number: ITS25-005
Attachments: Stratford Schedule 22 - Annual Summary Report 2024

Title: 2024 Annual Water Summary Report to Council

Objective: To present the 2024 Water Summary Report to members of Council as per Ontario Regulation 170/03.

Background: The owner of a drinking water system shall ensure that, as per Ontario Regulation 170 (O. Reg. 170/03), a Water Summary Report is prepared no later than March 31 of the following year and presented to members of Municipal Council.

The Annual Water Quality Report regulatory requirement is to have the report available to the public by February 28 of each year. This report can be found on the City of Stratford website.

Analysis: This 2024 Water Summary Report serves as a comprehensive review of the performance of the drinking water system as it relates to regulations and criteria that fall under the municipal drinking water licensing program. It has been prepared in accordance with O. Reg. 170/03.

There was one Adverse Drinking Water Quality Incident (AWQI) reported during this reporting period. It occurred with a distribution sample taken on December 19, 2024 from 882 Ontario St. Two total coliforms were identified during sampling with a result of 2 cfu/100mL. This was reported to Spills Action Centre (SAC) and the MECP as required. Resamples were taken at the source as well as upstream and downstream of the sample source on December 20, 2024. All resamples passed.

Our current water taking practices are not having any negative effects on other wells or the environment based on the third-party review of the monitoring well data.

The drinking water system received 43 out of 497 non-compliance ratings and as such received a positive rating of 91.35% for the Final Inspection Rating from the Ministry of Environment, Conservation and Parks (MECP). The MECP Inspecting Officer identified

three non-compliances with the regulatory requirements. Two of them were administrative in nature, and the third involved modifications to our well supply infrastructure. All were corrected immediately following the inspection. Updates were sent to MECP Inspection Office during this process to show our progress on the corrective actions.

Upon Council resolution to receive this report, the Summary Report will be posted on the City of Stratford website and will be available, in hard copy form, at the City Annex, Infrastructure and Development Services, 82 Erie Street, 3rd Floor.

Financial impact to current year operating budget:

The yearly operating and capital budgets have been developed to ensure that the necessary resources are available to meet the requirements of the Acts and Regulations.

Potentially, costs could be incurred by the City of Stratford if we did not meet the requirement to submit this report as the MECP would be required to retain experts (at the City's expense) to investigate the municipal drinking water system and raw water supply to allow us to continue to supply water.

Alignment with Strategic Priorities:

Developing our Resources
Optimizing Stratford's physical assets and digital resources. Planning a sustainable future for Stratford's resources and environment.

Alignment with One Planet Principles:

Sustainable Water
Using water efficiently, protecting local water resources and reducing flooding and drought.

Staff Recommendation: THAT the 2024 Water Summary Report (ITS25-005) be received by City Council in accordance with the compliance standards set out in Ontario Regulation 170/03.

Prepared by:	Sean Beech, Manager of Environmental Services
Recommended by:	Taylor Crinklaw, Director of Infrastructure Services
	Joan Thomson, Chief Administrative Officer

Infrastructure and Development Services Department
82 Erie Street, 3rd Floor
Stratford ON N5A 2M4
(519) 271-0250 Ext. 222
www.stratford.ca

March 1st, 2025

Dear Water Consumer,

The Water Division is pleased to provide the 2024 Annual Summary Report for the City of Stratford Drinking Water System.

The attached report is in accordance with Schedule 22 of O. Reg 170/03, under the Safe Drinking Water Act.

As identified under Section 12 of O. Reg. 170/03, it is required that the Annual Report as per Section 11 of O. Reg. 170/03 and the Summary Report be made available for inspection by any member of the public during normal business hours, without charge. This report can be viewed at Infrastructure and Developmental Services, City Annex, 82 Erie Street, 3rd Floor, Stratford.

The report can also be found on the City of Stratford website at:
https://www.stratford.ca/en/live-here/waterannualreports.aspx

This report will also be provided to members of council by March 31, 2025.

For any questions or additional information regarding the report, please contact me at (519) 271-0250 ext. 5222.

Yours truly,

Sean Beech
Manager of Environmental Services

2024
Annual Summary Report
City of Stratford Drinking Water System

Table of Contents

Quality Management System Policy

The City of Stratford as the owner and operator of the treatment and distribution drinking water system is committed to developing a high level of trust, commitment, and accountability by consistently delivering high quality and safe drinking water to the consumers.

The City of Stratford, Water Division is committed to:

- Providing safe and reliable drinking water services to our consumers, by managing potential risks, promoting resource stewardship and source water protection,
- Complying with applicable legislation, regulations, guidelines, and standards as related to the provision of safe drinking water.
- Maintaining and continually improving the effectiveness of the Quality Management System; and
- Establish and maintain a Quality Management System that is consistent with the Quality Management System Policy.

The City of Stratford Quality Management System Summary

The City of Stratford Quality Management System (QMS) is legislated under the Drinking Water Quality Management Standard (DWQMS) through the Safe Drinking Water Act. To maintain operating authority accreditation, the Ministry of the Environment, Conservation and Parks (MECP) mandate tasks that must be completed annually. These activities include:

- Conducting an internal audit of the Quality Management System.
- Conducting a Management Review meeting.
- Participating in an external audit conducting by a third-party Accreditation Body.
- Updating the Quality Management System Operational Plan.
- Updating Council of the status of the Quality Management System.

Internal audits were completed with support from Water operational staff and Acclaims Environmental. No non-conformities were identified as a result of the internal audit. The audit report did note five areas for opportunities for improvement which are all being addressed by staff.

The City of Stratford must receive accreditation annually to operate the drinking water system. Through a qualified third-party auditor, the City must demonstrate that its QMS meets the requirements of the DWQMS (Drinking Water Quality Management Standard). SAI Global conducted an external surveillance audit on April 11th, 2024, by Janet McKenzie. There were no non-conformances and one OFI identified.

Staff are required to conduct an annual Management Review meeting to evaluate the effectiveness of the QMS. Deficiencies and opportunities for improvement are identified and action items are developed to ensure follow-up. The City of Stratford held their management review meeting on December 19th, 2024. All requirements were met in 2024.

1.0 System Overview

This annual summary for the City of Stratford Drinking Water System was published in accordance with Schedule 22 of Ontario's Drinking Water Systems Regulation for the reporting period of January 1, 2024, to December 31, 2024. The City of Stratford Drinking Water System (waterworks number 220000530) is categorized as a Large Municipal Residential Drinking Water System.

This report was prepared by the City of Stratford on behalf of The Corporation of the City of Stratford and must be supplied to the municipal council by March 31, 2025.

2.0 Compliance with Regulations

The City of Stratford Drinking Water System is operated and maintained to ensure that safe drinking water supplied to the consumers and serviced by the system satisfy requirements within the Safe Drinking Water Act, the regulations, the Municipal Drinking Water License (074-101) and Drinking Water Works Permit (074-201).

The Ministry of the Environment, Conservation and Parks (MECP) conducted the routine annual inspection on May 22nd, 2024. The inspecting officer, Neville Rising, identified three non-compliances with the regulatory requirements. Two of them were administrative in nature, and the third involved modifications to our well supply infrastructure. All were corrected immediately following the inspection. Updates were sent to Mr. Rising during this process to show our progress on the corrective actions.

There was one Adverse Drinking Water Quality Incident (AWQI) reported during this reporting period. It occurred with a distribution sample taken on December 19, 2024, at 882 Ontario St. Two total coliforms were identified during sampling with a result of 2 cfu/100mL. This was reported to SACC and the MECP as required. Resamples were taken at the source and the upstream and downstream on December 20, 2024. All resamples passed.

Water quality exceedances for Fluoride and Sodium were observed in samples taken in 2024. The Fluoride and Sodium levels continue to be an issue in the system due to them occurring naturally. Annual notification is provided to property owners on their water bill as well as notification on the Huron Perth Public Health website of the Fluoride levels.

Fluoride & Sodium exceedances are reportable every 57 months. Next reportable exceedances will be in 2027 and 2028.

- Next reporting requirement for Fluoride, for all treated entry locations, is March 8, 2028.
- Next reporting requirement for Sodium, for all treated entry locations, is December 8, 2027.

3.0 Corrective Actions

The routine MECP Inspections have an Inspection Rating Record, which evaluates the system to provide information for the owner/operator on areas that need to be improved. The particular areas that were evaluated for the City of Stratford Drinking Water System were: Treatment Process, Operations Manuals, Water Quality Monitoring, Reporting and Corrective Actions and Other Inspection Findings. This system received 43 out of 497 non-compliance risk ratings and as such received 91.35% for the Final Inspection Rating.

4.0 Summary of Quantity of Water Supplied

Production Wells and Treated Flows

Within the City of Stratford Drinking Water System is a total of 11 confined artesian wells. Of the 11 wells in the system, five are considered remote facilities that are located throughout the city. The distribution system has over 180 kilometers of cast iron, ductile, steel and PVC water main, varying in size from 100mm to 400mm. Additionally, The City of Stratford's water system is 100% metered, with more than 12,537 service connections.

There are also two water towers within the distribution system that provide both storage and pressure stability. The City's topography is moderately level which allows for a single pressure zone throughout the distribution system.

Attached as Appendix A is a summary the flow rates for 2024, which include Municipal Drinking Water License Schedule C rated capacity, total and average daily flows, and raw water peak flows.

Monitoring Wells

As per section 4.2 (4) of the Permit to Take Water, all data collected under the monitoring well program shall be analyzed, interpreted, and summarized in an annual report by a qualified person. The 2024 final report was prepared by ARL Groundwater Resources Ltd. on February 25th, 2025. Reports can be viewed at 82 Erie Street, 3rd Floor Engineering.

General comments include:

- Total pumpage from all wells was approximately 17% lower in 2024 compared with 2023.
- The Romeo Street well field accounted for approximately 55% of the total well production in 2024, followed by O'Loane (14%), Chestnut and Dunn (both at 11%), and Lorne Avenue and Mornington St. (both at 4%), respectively.

- The hydrographs of water level measurements recorded at the city multilevel monitoring wells in 2024 are generally consistent with measurements recorded in recent years.
- There is evidence that water levels have a general decline.
- There is no evidence available to indicate that water taking by the city in 2024 had an adverse effect on other private wells or the natural environment.

Recommendations:

- That water level monitoring at the multilevel monitoring wells continues with some changes in methodology including a shift to more automated monitoring using dataloggers and transducers.
- That a more comprehensive review and interpretation of the monitoring data be performed in 2025, to update and improve on the effectiveness of the monitoring program in understanding how the aquifer system responds to pumping.

Appendix "A" – Flow Data

Chestnut Street Well and Pumphouse

Month	**Raw Peak Flow Rate** (Max = 2500 L/min)	**Treated Water** (MDWL Limit = 3600 m^3/day)	**Monthly Average** (m^3/day)
January	1634	1727	805
February	1639	1708	866
March	1632	1702	801
April	1631	1750	1522
May	1621	1737	731
June	1625	1749	1393
July	1607	1721	1542
August	1478	1641	1626
September	1604	1703	1046
October	1633	1779	1044
November	1620	1661	415
December	1629	1777	319
Average	**-**	**-**	**1009**
Maximum	**1639**	**1779**	**-**

Mornington Street Well and Pumphouse

Month	**Raw Peak Flow Rate** (Max = 3410 L/min)	**Treated Water** (MDWL Limit = 4910 m^3/day)	**Monthly Average** (m^3/day)
January	2404	614	297
February	2658	1097	305
March	2325	625	176
April	2323	475	336
May	2304	2770	1154
June	2284	814	345
July	2301	561	221
August	2275	504	115
September	2286	1014	294
October	2262	1935	380
November	2293	2670	249
December	2278	2554	239
Average	**-**	**-**	**343**
Maximum	**2658**	**2770**	**-**

Appendix "A" – Flow Data

Lorne Avenue Well and Pumphouse

Month	**Raw Peak Flow Rate** (Max = 1370 L/min)	**Treated Water** (MDWL Limit = 1973 m^3/day)	**Monthly Average** (m^3/day)
January	1128	683	156
February	1121	910	145
March	1123	291	51
April	4278	1472	1256
May	1115	1463	1201
June	1105	1453	1037
July	1097	299	85
August	1115	145	40
September	1126	392	122
October	1212	348	81
November	1131	1446	92
December	1164	1401	92
Average	**-**	**-**	**363**
Maximum	**4278**	**1472**	**-**

*April 12, 2024 – Flushing to Waste, extended our PTTW L/min due to no back pressure during flushing.

Dunn Road Well and Pumphouse

Month	**Raw Peak Flow Rate** (Max = 5000 L/min)	**Treated Water** (MDWL Limit = 7200 m^3/day)	**Monthly Average** (m^3/day)
January	4972	2659	973
February	2445	2661	1323
March	2361	2684	1288
April	1992	2657	130
May	0	0	0
June	6969	3293	596
July	2794	3279	1477
August	2817	1611	1251
September	2757	1975	1440
October	2743	1917	1256
November	2781	1597	556
December	2828	1546	1242
Average	**-**	**-**	**961**
Maximum	**6969**	**3293**	**-**

*June 25, 2024 – Flushing to waste, extended our PTTW L/min due to no back pressure during flushing.

Appendix "A" – Flow Data

O'Loane Avenue Well and Pumphouse

Month	**Raw Peak Flow Rate** (Max = 3406 L/min)	**Treated Water** (MDWL Limit = 4905 m^3/day)	**Monthly Average** (m^3/day)
January	3096	2277	1734
February	3222	2295	1264
March	2989	701	124
April	3067	2409	1060
May	3055	3982	1743
June	3094	2537	1404
July	2991	2219	1434
August	3113	2050	1569
September	3107	2395	1697
October	3102	2454	1522
November	3032	1951	669
December	3146	1835	1475
Average	**-**	**-**	**1308**
Maximum	**3222**	**3982**	**-**

Romeo Street Pumping Station

Month	**Raw Peak Flow Rate** (see individual flow rates FW 1, 2, 3, 4, 6, 7)	**Treated Water** (MDWL Limit = 17012 m^3/day)	**Monthly Average** (m^3/day)
January	-	5490	4922
February	-	6450	5243
March	-	4610	2613
April	-	6390	4990
May	-	6620	4984
June	-	6610	5402
July	-	6180	5429
August	-	6040	5470
September	-	6570	5931
October	-	6070	5378
November	-	6020	2907
December	-	6010	5609
Average	**-**	**-**	**4907**
Maximum	**-**	**6620**	**-**

Appendix "A" – Flow Data

Romeo Street Pumping Station Raw Peak Flows

Field Wells 1, 2, 3, 4, 6, 7 (PTTW allowable water taking is per individual field well)

Month	**FW1** (L/min)	**FW2** (L/min)	**FW3** (L/min)	**FW4** (L/min)	**FW6** (L/min)	**FW7** (L/min)
January	1092	1102	904	1079	3032	2576
February	1092	1097	902	1086	3077	2589
March	1096	1102	911	1101	3306	2607
April	1098	1105	908	1061	3116	2576
May	1098	1107	902	1067	3218	2598
June	2002	1996	1999	1065	3039	4994
July	1091	1103	914	1055	3047	2546
August	1087	1102	932	1072	2954	2491
September	1088	1105	937	1043	2963	2530
October	1087	1102	947	1051	3588	2612
November	1086	1094	941	1085	2988	2576
December	1091	1104	943	1061	3009	2376
Average	**-**	**-**	**-**	**-**	**-**	**-**
Maximum	**2002**	**1996**	**1999**	**1101**	**3588**	**4994**
Max Limit	**1136**	**1136**	**1136**	**1136**	**3858**	**3410**

* High peak flows for FW1-3 & 7 due to yearly flow meter calibrations.

MANAGEMENT REPORT

Date: March 26, 2025
To: Infrastructure, Transportation and Safety Sub-committee
From: Sean Beech, Manager of Environmental Services
Report Number: ITS25-007
Attachments: Stratford WPCP- Annual Report 2024 (AODA)

Title: 2024 Stratford Water Pollution Control Plant (WPCP) Annual Report

Objective: To submit the 2024 Stratford Water Pollution Control Plant Annual Report to Council for their information to ensure transparency between Council and the operating authority, the Ontario Clean Water Agency (OCWA).

Background: The Stratford WPCP is owned by the City of Stratford and operated under contract by OCWA. OCWA has prepared the 2024 Annual WPCP Report, which must be submitted annually to the Ministry of the Environment, Conservation and Parks (MECP), showing how the treatment plant performed throughout the year.

The report summarizes the operation for the WPCP and reports on all the activities that occurred at the treatment plant throughout the year. The report also indicates that the plant met all the Environmental Compliance Approval (ECA) requirements for effluent discharge into the Avon River.

Analysis:

Total Flows - The treatment plant treated a total of 6,596,518 m^3 of influent for an average flow of 18,015m^3 per day. This is an 8.4% decrease in total flows from last year. The design capacity of the treatment plant is 30,660m^3 per day and based on the flows received for 2024, operated at 58.2% of the design capacity. This percentage decreased slightly from 62.5% in 2023.

Overflow Events - During the 2024 year, the treatment plant had 12 overflow events (2023 had 14 events) where there was discharge from the wet weather equalization tank and discharge into the Avon River. These events were all due to flows caused by heavy precipitation and/or snow melt.

During a flow exceedance, the excess flow is diverted to an equalization tank and contact chamber where appropriate chlorination of the flow is achieved. Upon leaving

the chlorine contact chamber, the flow is then de-chlorinated by sodium bisulphite prior to discharge into the Avon River.

The treatment plant also experienced 1 bypass event due to an unplanned maintenance activity in the filter system. A bypass event is a situation when a portion of the entire treatment process is bypassed. The bypass water events typically complete close to full treatment. A total volume of 10 500m³ was bypassed during this event. All bypassing flow was disinfected through the facilities UV system. All bypass and overflow events were reported to the MECP.

Effluent Quality -The effluent discharges met all requirements for levels of removal for 2024:

- Total Suspended Solids: 97.75 %
- Total Phosphorus: 96.94%

Capital Projects – The following are some of the more major capital projects undertaken for the 2024 year:

- SCADA network switch Upgrades
- Cleanout of Aeration Cell #1 and O-ring replacement
- Filter surface wash arm maintenance
- Replace two (2) actuating valves in the Filter System
- Valve Replacements in the Digester Building
- Chemical Pump replacements for Overflow system
- Annual Flowmeter and Level Transmitter calibrations

Also in May of 2024, an overpressure event occurred in the Primary Digester, leading to the uplifting of the digester roof. Engineering Consultants have conducted several tests on the roof and have delivered options for the refurbishment or replacement of the roof. Staff are currently reviewing these options before determining next steps.

In summary, the Water Pollution Control Plant, operated by OCWA, has met, and exceeded all Environmental Compliance Approval requirements for the 2024 operating year.

Financial Implications:

Financial impact to current year operating budget:
There are no financial implications as this report is informational.

Financial impact on future year operating budget:
Future operating budget impacts will be based on the annual major maintenance recommendations report presented by OCWA, which occurs in November of each year. These recommendations inform required contributions to the reserves for all capital works required at the WPCP. Staff will continue to review the capital requirements and reserve fund contributions needed to support these projects as part of the budgeting

process. As the Sanitary Division is a 'user pay' division, these costs are fully covered by fees.

Alignment with Strategic Priorities:

Developing our Resources
Optimizing Stratford's physical assets and digital resources. Planning a sustainable future for Stratford's resources and environment.

Alignment with One Planet Principles:

Sustainable Water
Using water efficiently, protecting local water resources and reducing flooding and drought.

Staff Recommendation: THAT the 2024 Stratford Water Pollution Control Plant Annual Report be received by City Council for information.

Prepared by: Sean Beech, Manager of Environmental Services
Recommended by: Joan Thomson, Chief Administrative Officer

2024 Annual Performance Report

Prepared For:

The City Of Stratford

Operating Authority:

OCWA

ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

Reporting Period of January 1st – December 31st, 2024

Issued: February 19, 2025

Table of Contents

Overview

The following report was prepared by Ontario Clean Water Agency on behalf of the City of Stratford in accordance with:

- Section 20(4) (a) through (m) cited in Environmental Compliance Approval #9501-BG3JPF issued June 10th, 2020 to The Corporation of the City of Stratford.

System Process Description

The Stratford WPCP is located at 701 West Gore Street, Ontario. The plant is a conventional activated sludge plant with a rated capacity of 30,660 m^3/d and is comprised of the following components:

- Headworks
- Wet Weather Flow Equalization Tanks and disinfection system
- Preliminary treatment facility consisting of screens and grit removal
- Imported Waste holding tanks and primary clarifiers
- Biological Treatment facility including supplementary treatment system
- Secondary sedimentation consisting of 3 secondary clarifiers
- Tertiary filtration system
- Ultraviolet based disinfection system
- Anaerobic digestion based sludge stabilization and storage facilities

Raw Wastewater Collection

The wastewater is directed by gravity to 11 pump stations located throughout the City. All pump stations are operated by the City of Stratford Environmental Services Department. For additional information, refer to the City of Stratford Sewage Collection System, Consolidated Linear Infrastructure Annual Performance Report.

Lift Station

The wastewater collection system throughout the City carries the raw domestic wastewater through the use of pumping stations to the Water Pollution Control Plant's Raw Sewage Lift Station located just inside the front gate. The 825mm and 1,500mm diameter inlet sewers feed to the lift station from the Forman/O'Loane and the Erie/Brydges/Worsley trunk sewers. The lift station is equipped with four screw pumps; three screw pumps each with a capacity of 427L/s to handle peak dry weather flows and one screw pump with a capacity of 2,600L/s to handle wet weather flows.

The raw sewage that has entered the plant through the lift station is then fed by gravity to a distribution chamber.

Wet Weather Equalization Tanks

The flow diversion chamber and equalization tanks provide temporary storage for raw sewage during times when incoming sewage flow exceeds plant capacity. When incoming flow returns to below plant capacity, the stored sewage may be pumped to the inlet chamber for proper treatment.

During severe wet weather events, once all storage is full, excess flow is diverted to two wet weather flow equalization tanks each with a capacity of approximately 3,762m^3 and equipped with sediment

flushing systems and a 300 mm diameter drain pipe connecting to the base of the raw sewage lift station.

Flow passes through a manual bar screen before entering equalization tank 1, where it receives primary treatment through sedimentation. Flow then passes over the baffles into equalization tank 2 where it is dosed with sodium hypochlorite through the use of an in-line mixer. Equalization tank 2 is equipped with baffled walls to act as a chlorine contact chamber to provide additional mixing during emergency wet weather overflow events. Prior to discharge to the Avon River, flows are dosed with sodium bisulphite and integrated with an in-line mixer to ensure sufficient de-chlorination is achieved.

Preliminary Treatment

When incoming flow is below plant capacity, raw water flows through the distribution chamber and into the screening building. The building consists of two mechanical bar screens rated at a hydraulic peak flow of 450L/s. Collected screenings are lifted into a discharge hopper and dewatered by a dewatering screw auger. The screenings and grit are removed and sent to landfill.

Following screening, the raw sewage enters the Detritor, a square tank with a rotating scraper mechanism. When in the Detritor, the grit in the raw sewage settles to the bottom of the tank, while the degritted sewage flows over the effluent weir, into the primary clarifier inlet channel. The grit is collected by the rotating scraper and deposited at the base of the grit auger located in a channel beside the Detritor. The auger mechanism slowly pushes the grit up a gradual incline and into a grit bin. While passing up the incline, organic solids are separated from the grit and flow downward back into the channel. A return pump pumps sewage from the Detritor to the point where the auger emerges from the channel, causing a reverse flow which carries the organic solids back to the Detritor.

Primary Treatment

Detritor effluent enters the primary influent distribution chamber, at this same location waste activated sludge and stored sludge supernatant is added to the stream for co-thickening in the four primary clarifiers.

Under normal operating conditions two primary clarifiers provide primary treatment while the other two are used for receiving and holding imported sewage. During peak flow conditions these clarifiers can also perform as wet weather flow holding tanks.

The primary clarifiers are designed to remove settled and floating solids from the wastewater stream, utilizing sludge collector mechanisms, and thereby reducing the organic load on the downstream biological treatment process. Settled sludge collects on the bottom of the primary clarifiers and is moved to the central hoppers by a rotating scraper mechanism.

Scum and other floatables from the surface of the clarifiers are collected by the rotating surface skimmers and directed to the scum troughs. The scum troughs drain by gravity into shared scum chambers. Primary clarifiers 1 and 2 share a common combined valve and scum chamber, as do primary clarifiers 3 and 4. The collected scum can be removed from the shared scum chambers by using either of the primary sludge pumps (discharge to the digesters).

Both the sludge and scum are pumped by two sludge pumps and macerated through in-line grinders to the primary anaerobic digester.

The primary effluent system consists of three submersible pumps located in the wet well and include related piping and accessories. The clarified effluent flows over the "V" notch weirs located around the perimeter of the tank, into the clarifier effluent channel that flows by gravity into the wet well from where it is pumped to the aeration tank inlet chamber.

Secondary Treatment

The secondary treatment system, also known as the aeration or biological part of the process is the removal of dissolved and suspended solids that were not removed in the primary treatment. Effluent from the primary clarifiers flows by gravity to the wet well, from which the primary effluent is pumped to the aeration tank inlet chamber. The return activated sludge and Ferrous Chloride is discharged to this chamber where it mixes with the primary effluent. The mixture is evenly distributed between the four (4) aeration tanks via the aerated inlet channel.

Each tank is divided into three passes to provide a plug flow aeration pattern which provides flexibility to vary the air supply within the tanks allowing better oxygen transfer and dissolved oxygen (DO) control. It also improves sludge settleability. Aeration and mixing are provided by lattices of 944 ceramic disc fine pore diffusers per aeration cell. The air supply system consists of one duty APG Neuros 350HP Turbo Blower and two standby Hoffman 200HP centrifugal blowers that deliver compressed air to the aeration tanks and the diffuser air system.

Mixed liquor from aeration enters the final clarifier influent distribution chamber and is distributed evenly to the three tanks. Mixed liquor enters each of the final clarifiers via a feed pipe located at the base of the clarifier. The feed pipe discharges within a circular feed well which acts as a baffle to deflect the incoming flow downwards and reduce short circuiting.

The clarifier mechanism in each tank is classified as a rapid sludge removal type. The settled sludge is continuously removed from the tank bottom by pipes which are supported on two rotating trusses. Mechanical rake arms on the bottom of the trusses scrape the settled sludge towards the opening in the suction pipes.

The hydraulic head producing the flow in the suction pipes is equal to the difference between the liquid levels in the clarifier and the sludge return box. The eight (8) suction pipes enter the sludge return box from below. A butterfly valve on each pipe is used to control the sludge flow rate into the box from each withdrawal pipe. The settled sludge from the final clarifiers is identified as return activated sludge (RAS). It is either returned to the main RAS header and further to the inlet chamber upstream of the aeration tanks or waste activated sludge (WAS) which is pumped to the discharge point in the primary settling tank inlet chamber. The WAS then settles within the primary clarifiers and is mixed with the primary sludge and then pumped to the primary digester. The sludge from the sludge box flows through a 450 mm diameter pipe, located inside the clarifier inlet column, to the inlet of the RAS pump located in the basement of the blower building (RAS pumping station). The clarified effluent flows over the "V" notch weirs located around the perimeter of the tank, into the clarifier effluent channel that discharges to the clarifier outlet chamber.

Filtration

Secondary effluent is lifted by the Archimedean screw pumps and flows into the filter inlet gate where it is distributed evenly between four rapid filters. Each filter contains three (3) layers of media; gravel varying in size, sand and anthracite. In removing the solids, some of the residual BOD and phosphorus

are also reduced. The solids accumulated in the filter are removed when the filters are backwashed and the backwash wastewater is recycled to the primary clarifier inlet channel. In the process of pumping to the primary clarifier inlet chamber, many of the solids removed by filtration are removed in the second routing through the plant by physical, chemical or biological flocculation and resultant sedimentation; as a result the finely divided solids do not accumulate in the plant.

During backwashes, there are two rotating sub-surface agitators in each filter. Each agitator arm is provided with 38 nozzles and is designed to mix the expanded media during the backwash in order to effectively scour the media and remove all accumulated solids.

The effluent passes down through the filter media and is collected in the clear well beneath the filters and flows into the UV disinfection building channel. The rate of flow through the filters can be controlled for each filter by the filter rate control valve or by the filter inlet gate. Once passed through the filter, the effluent flows via channel to the final effluent disinfection process.

Final Effluent Disinfection

Filtered effluent flows into the UV channel where it is disinfected by the ultraviolet (UV) light before being discharged to the Avon River. The UV system consists of two banks each comprised of 10 modules with 6 lamps per rack, totaling 120 lamps within one disinfection channel. The water level in the channel is maintained by the weir located at the end of the channel.

Sludge Management System

Under normal operating conditions, the raw sludge removed from the primary treatment process is pumped to the primary digester. The primary digester has a fixed cover and can be maintained at a constant level. When operating in this configuration, sludge is pumped into the digester, excess sludge overflows into the primary tank supernatant overflow box. The lowest pipe in the overflow box connects to the transfer line that leads to the secondary digester. The second highest pipe connects to the supernatant return line to the inlet works (acts as an emergency overflow). The third pipe in the box is the feed line for the box from the primary digester. An alternative configuration used at the Stratford WPCP, the transfer pumps may be used to manually pump sludge from the bottom of the primary digester into the bottom of the secondary digester.

The primary digester gas is mixed. The gas compressor located in the gas pump room continuously moves gas through the draft tubes located at fixed intervals along the roof of the tank. This induces a rolling motion in the digester that provides complete mixing in the unit. Sludge is heated by pumping it through the heat exchanger and back to the primary digester.

Once sludge is transferred to the secondary digester, it settles and thickens in the tank. Methane gas that is produced is stored in the gas holder cover. Methane gas is used as fuel to run the boiler system which supplies heat to the heat exchanger, which in turn keeps the anaerobic digester at a constant temperature. Any methane gas that is not used will burn off into the atmosphere through the waste gas burner. Supernatant from the tank overflows in the secondary overflow box and is returned (by gravity) to the primary clarifier influent channel. Sludge can be sampled at various levels inside the digester by opening the appropriate valves in the sampling room.

Sludge is withdrawn from the bottom of the secondary digester and transferred to the sludge storage holding tank or sludge storage lagoon. Sludge can be withdrawn from either the holding tank and/ or

lagoon through the sludge loading pumps. All sludge is removed and applied to agricultural land as per the NASM Guidelines.

Standby Power

The Toromont- Cat diesel generator provides supplies emergency power to the Stratford WPCP, thereby maintaining plant operation during power outages. The generator has been sized to provide adequate power to operate the entire plant under normal conditions.

Plant Facts:

Environmental Compliance Approval: #9501-BG3JPF (issued June 10th, 2020)
Rated Capacity: 30,660m^3/d
Receiving Water: Avon River

For 2024, the Stratford WPCP was operated in accordance with the provincial regulations as required in ECA# #9501-BG3JPF. The following report is presented such that it corresponds with Section 20(4) (a) through (m).

Flow Monitoring

The Stratford WPCP is rated to treat an average daily flow of 30,660 m^3. Refer to Figure 1 for a comparison of the average daily flow for the last six years against the rated capacity of the plant. The average daily flow rate in 2024 decreased 8.4% from 2023 average daily flow.

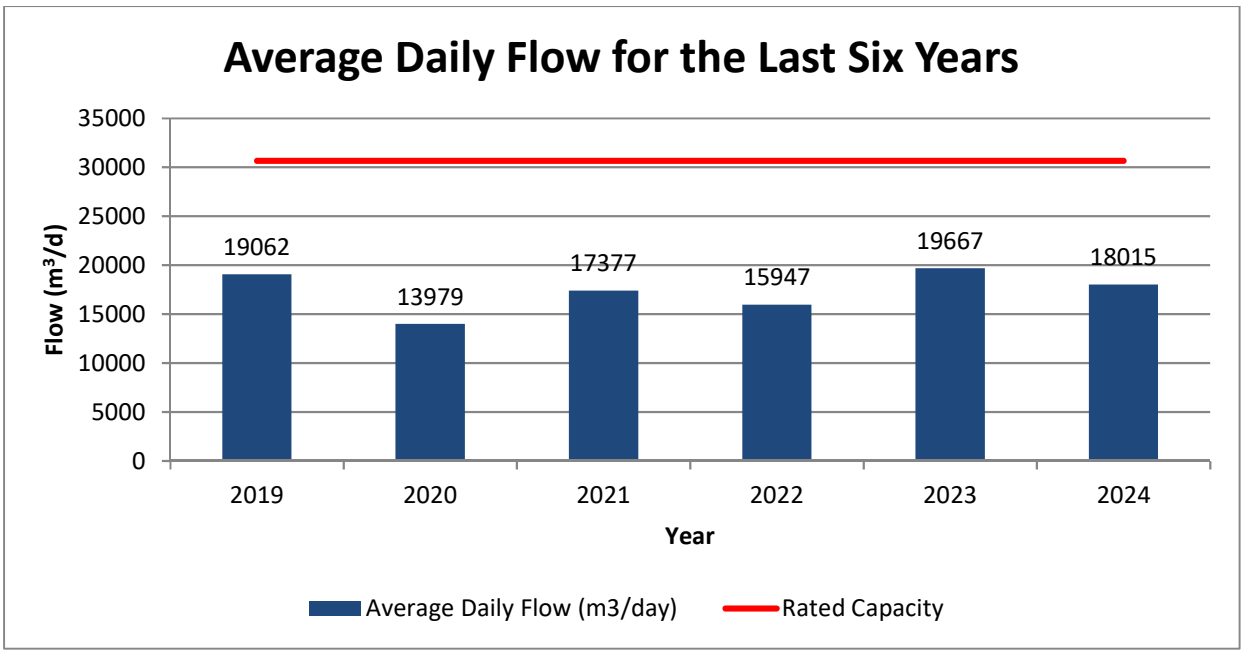

Figure 1. Average Daily Flow or the Last Six Years

The average daily flow in 2024 was 18,015 m^3/d. The WPCP was at 58.8 % of the rated capacity of 30,660 m^3/d in 2024. Refer to Figure 2 for average daily flow each month and the overall annual average daily flow.

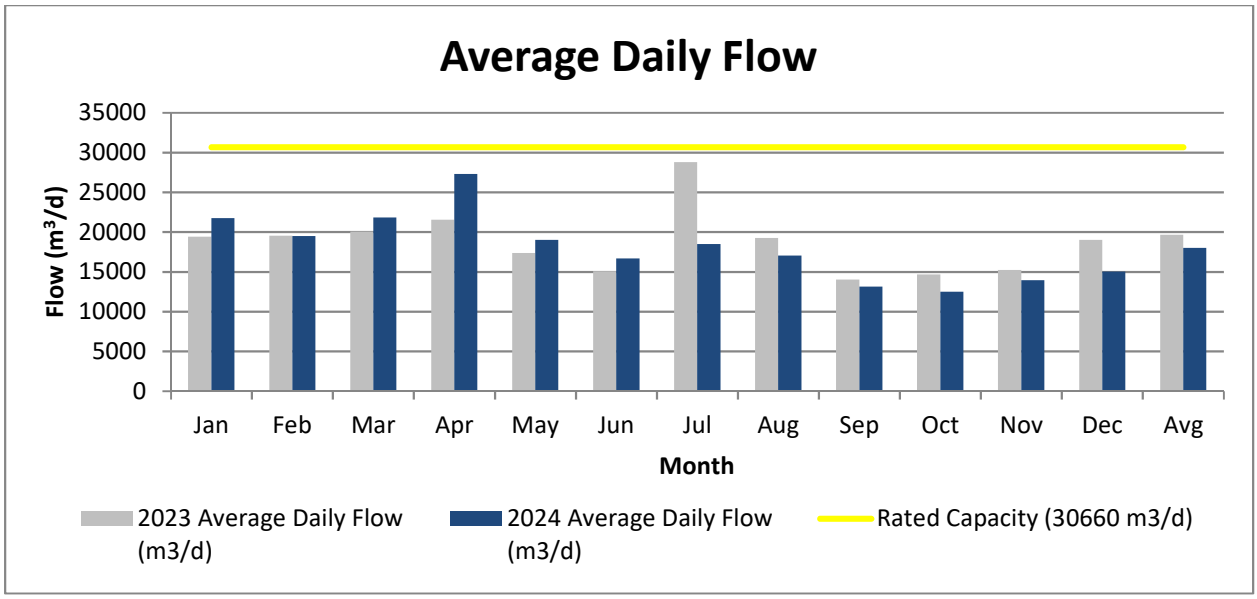

Figure 2. Average Daily Flow each Month

Influent Data

The influent is monitored for BOD5, total suspended solids, total phosphorous and total Kjeldahl nitrogen on a weekly basis by means of composite sample. Refer to ***Appendix A Influent and Effluent Data*** for more detail on monthly results.

In 2024, the average raw Biochemical Oxygen Demand (BOD5) concentration was 158.4 mg/L, which is 132% of the design concentration that the plant can effectively treat. There have been ten monthly concentrations above the design concentration, this did not result in ineffective treatment of the raw sewage or effluent limit exceedances. Refer to Figure 3 for a comparison of 2024 monthly raw BOD5 concentrations to 2023 concentrations.

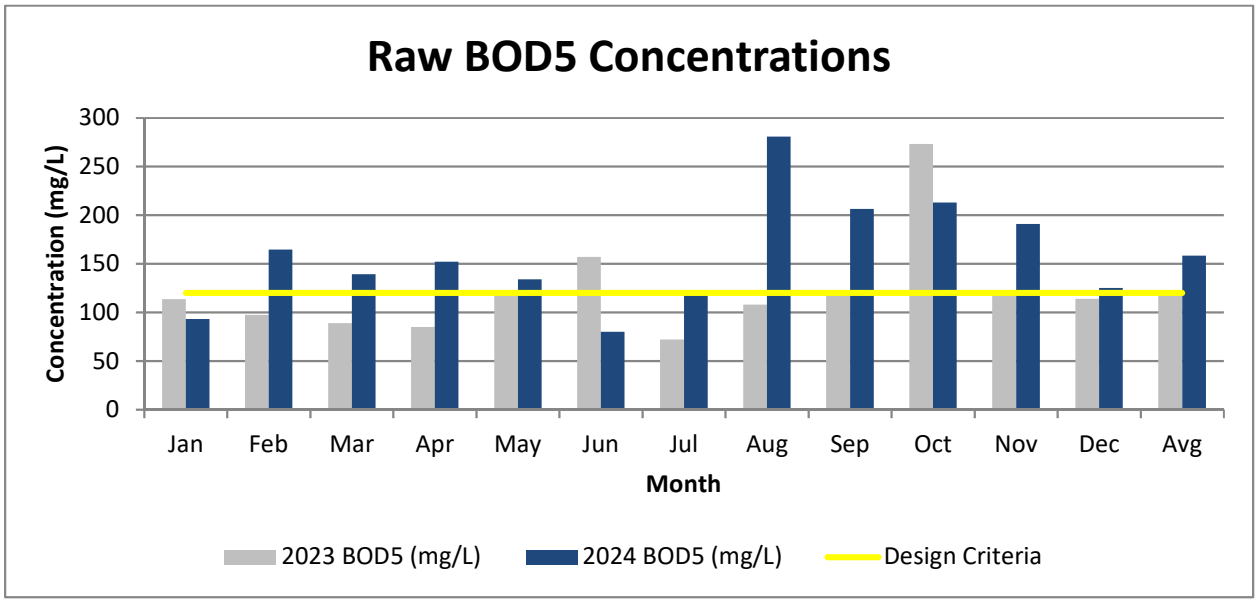

Figure 3. Raw BOD Concentrations

In 2024 the average raw Total Suspended Solids (TSS) concentration was 141.5 mg/L, which is 94% of the design concentration that the plant can effectively treat. There have been six monthly concentrations above the design concentration, this did not result in ineffective treatment of the raw sewage or effluent limit exceedances. Refer to Figure 4 for a comparison of 2024 monthly raw TSS concentrations to 2023 concentrations.

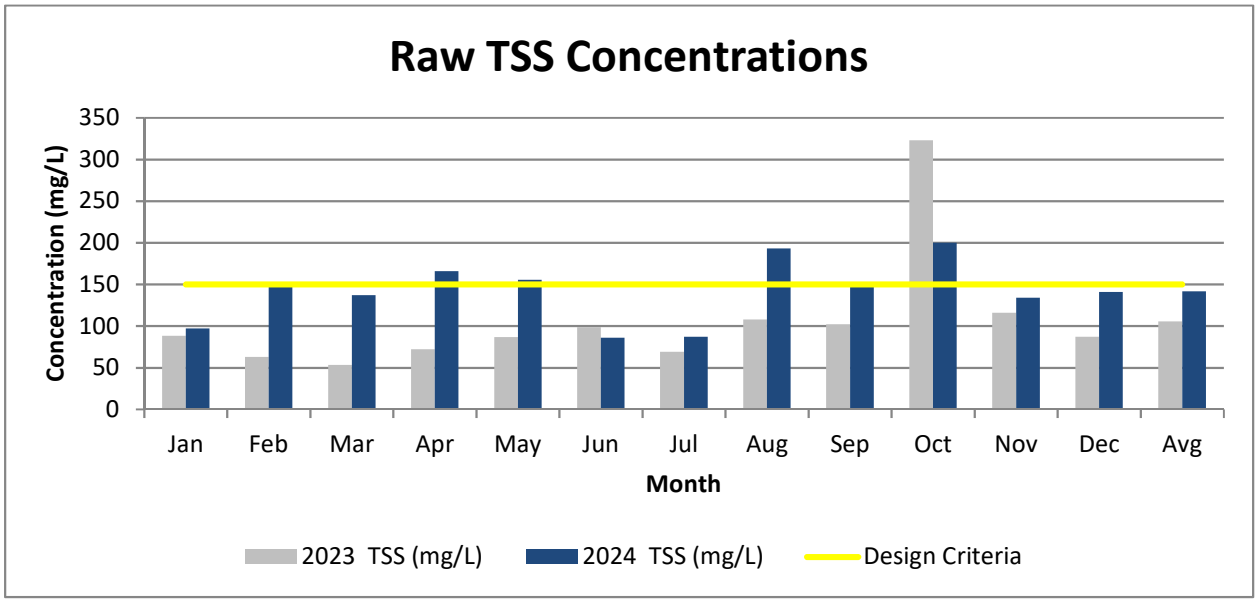

Figure 4. Raw TSS Concentrations

In 2024, the average raw Total Phosphorus (TP) concentration was 2.9 mg/L, which is 57% of the design concentration that the plant can effectively treat. There have been no monthly concentrations above

the design concentration. Refer to Figure 5 for a comparison of 2024 monthly raw TP concentrations to 2023 concentrations.

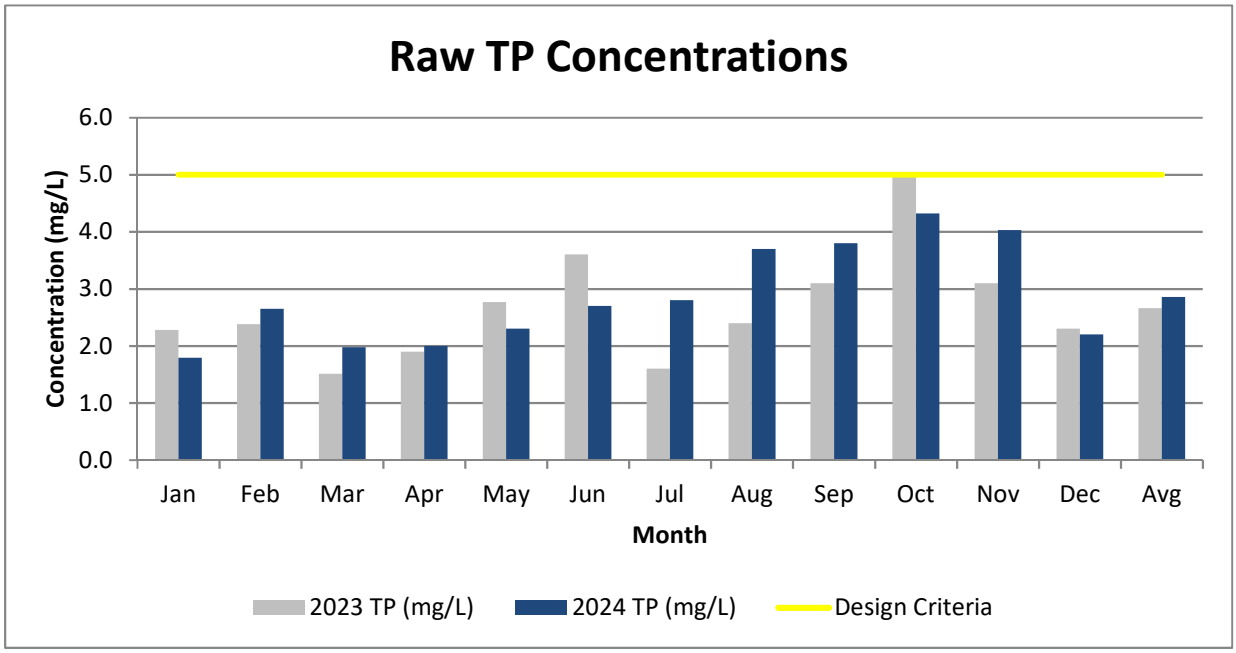

Figure 5. Raw TP Concentrations

In 2024 the average raw Total Kjeldahl Nitrogen (TKN) concentration was 24.7 mg/L, which is 99% of the design concentration that the plant can effectively treat. There have been five concentrations above the design concentration, this did not result in ineffective treatment of the raw sewage or cause effluent limit exceedances. Refer to Figure 6 for a comparison of 2024 monthly raw TKN concentrations to 2023 concentrations.

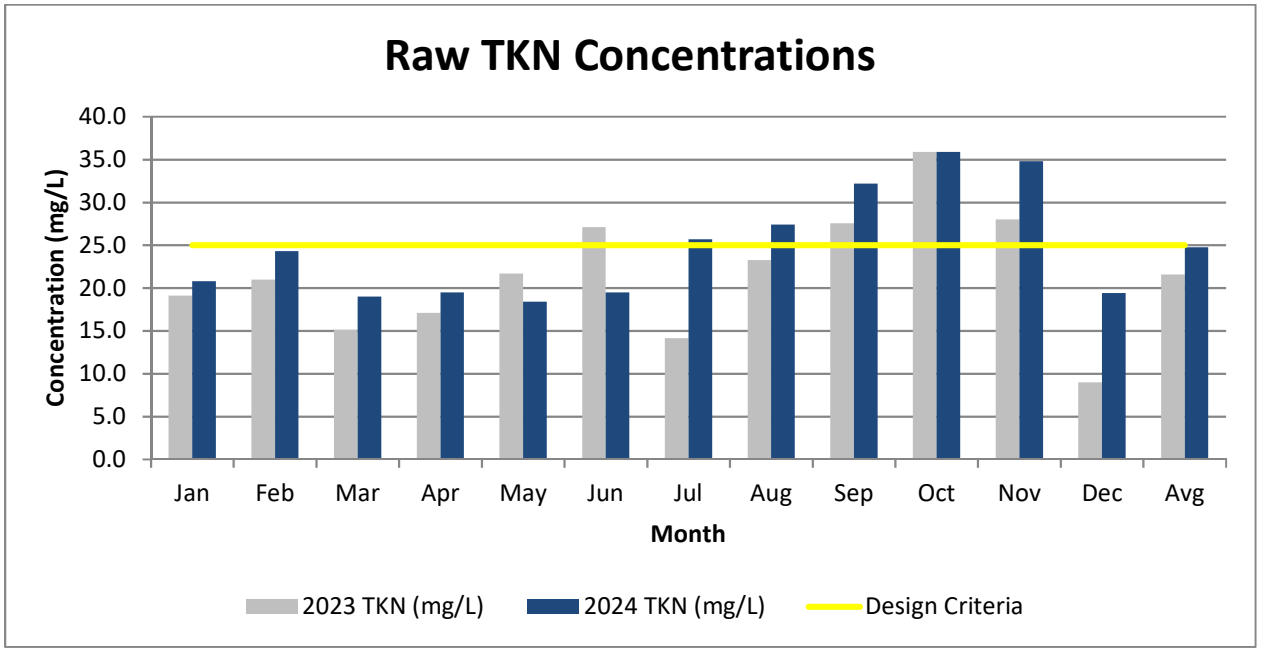

Figure 6. Raw TKN Concentrations

Imported Sewage

The Stratford WPCP is approved to accept imported sewage by licensed waste management system operators as identified within Regulation 347, General Waste Management, for co-treatment in the sewage treatment plant. In 2024, the WPCP has accepted 4931.5 m^3 of imported sewage as shown in Table 1. This is a 61% decrease when compared to 2023.

Table 1. Total Imported Sewage

Month	2023	2024
January	1,479.0	669.4
February	1,315.0	947.7
March	1,864.0	1061.4
April	1,543.0	1218.8
May	1,311.0	754.0
June	13.6	22.0
July	51.5	63.8
August	963.0	43.5
September	24.7	41.6
October	704.7	49.4
November	1,617.8	36.3
December	1,697.4	23.5
Total (m^3)	**12,584.7**	**4,931.5**

Effluent Monitoring Data

Composite effluent samples are collected from the Stratford WPCP over a twenty-four hour period on a weekly basis and analyzed for: $CBOD_5$, total suspended solids, total phosphorous and Unionized Ammonia. Effluent grab samples are collected on a weekly basis and tested for E.coli, pH and dissolved oxygen. Detailed results are found in ***Appendix A Influent and Effluent Data***. Table 2 shows the monthly average effluent loadings results.

Table 2. Effluent Loading Results

Month	$CBOD_5$ (kg/d)	TSS (kg/d)	TP (kg/d)	Unionized Ammonia (kg/d)
January	54.3	54.3	1.6	0.07
February	39.0	3.9	0.8	0.02
March	43.6	70.9	1.4	0.02
April	118.3	70.0	3.4	0.04
May	41.0	76.0	1.4	0.02
June	48.7	56.0	1.7	0.04
July	35.0	39.5	1.6	0.25
August	38.6	68.3	1.7	0.16
September	27.3	41.7	1.5	0.43
October	23.8	40.4	1.3	0.01
November	28.7	44.3	1.1	0.01
December	35.9	38.6	1.4	0.03
Average	**44.5**	**50.3**	**1.6**	**0.09**
Limit	**306**	**306**	**6.1**	**3.06**

Comparison to Compliance Limits and Objectives

The Stratford WPCP average monthly effluent Carbonaceous Biochemical Oxygen Demand (CBOD5) concentration in 2024 was 2.2 mg/L, which is equal to the annual average in 2023. There were no objective or limit exceedances in 2024. Refer to Figure 7 for a comparison of 2024 monthly effluent CBOD5 concentrations to 2023 concentrations.

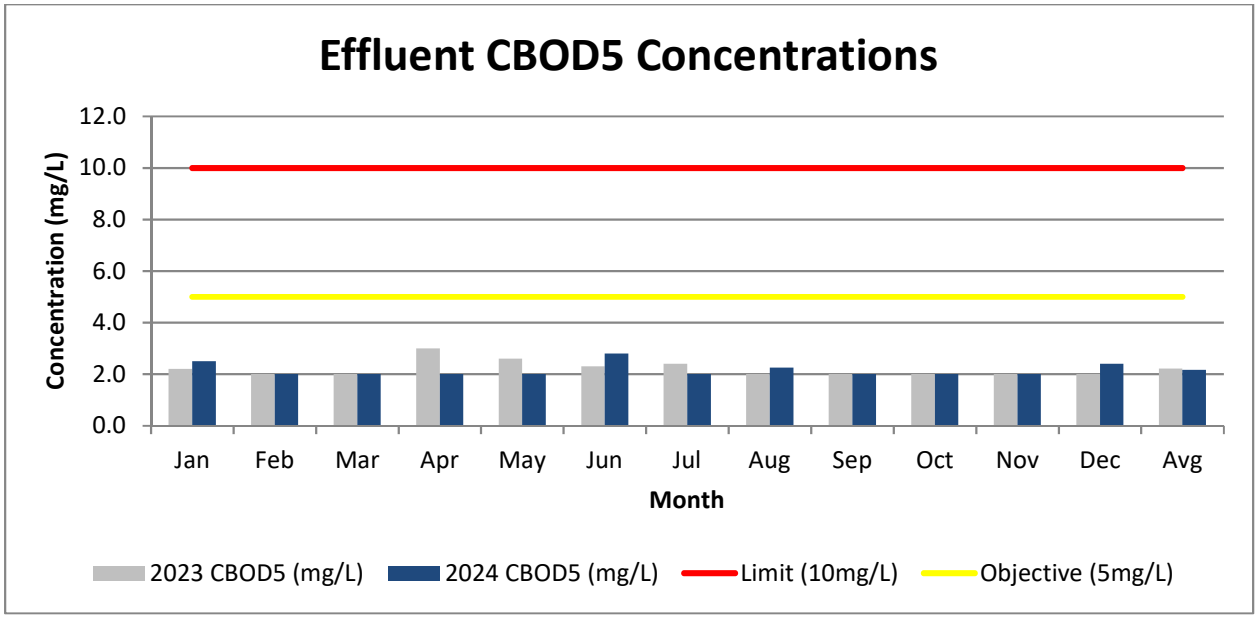

Figure 7. Effluent CBOD Concentrations

The average monthly effluent Total Suspended Solids (TSS) concentration in 2024 was 3.0 mg/L, which is equal to the annual average in 2023. There were no objective or limit exceedances in 2023. Refer to Figure 8 for a comparison of 2024 monthly effluent TSS concentrations to 2023 concentrations.

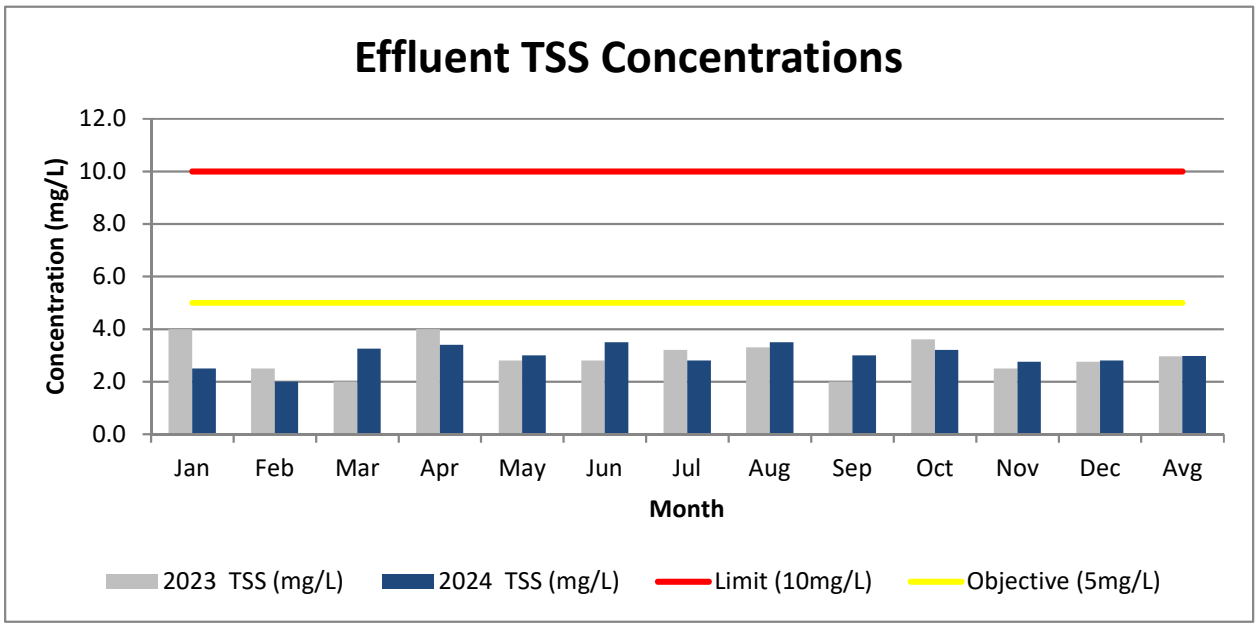

Figure 8. Effluent TSS Concentrations

The average monthly effluent Total Phosphorus (TP) concentration in 2024 was 0.08 mg/L, which is equal to the annual average in 2023. There were no objective or limit exceedances**.** September and October monthly averages met objectives when significant figures are utilized as identified in the ECA. Refer to Figure 9 for a comparison of 2024 monthly effluent TP concentrations to 2023 concentrations.

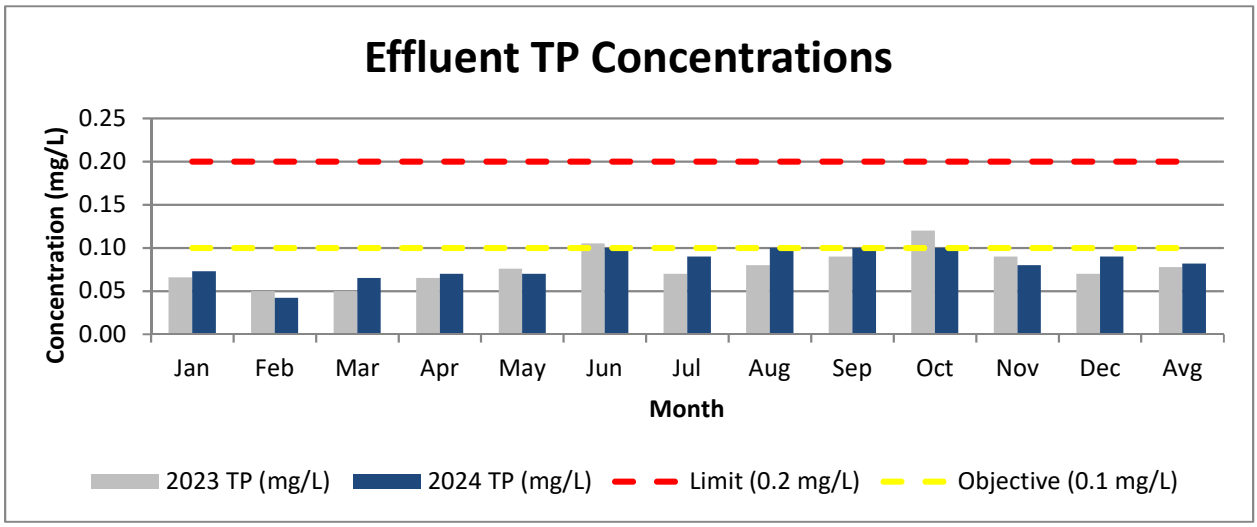

Figure 9. Effluent TP Concentrations

The average monthly effluent Unionized Ammonia concentration in 2024 was 0.01 mg/L, which is a 1603% increase from the annual average in 2023. This increase is due to frequent wet weather events,

and decreased secondary treatment performance due to aeration cell maintenance during 2024. See the ***Operating Problems & Corrective Actions*** section for more details. There were no objective or limit exceedances in 2024. Refer to Figure 10 for a comparison of 2024 monthly effluent Unionized Ammonia concentrations to 2023 concentrations.

In 2024, Unionized Ammonia Single Sample results ranged from 0.0001-0.127 mg/L. Despite the wide range of sample results, and significant increase in average effluent Unionized Ammonia concentrations from the 2023 average, all sample results were below the single sample concentration limit of 0.2mg/L. Refer to Figure 11 for the single sample concentrations compared to the exceedance limit.

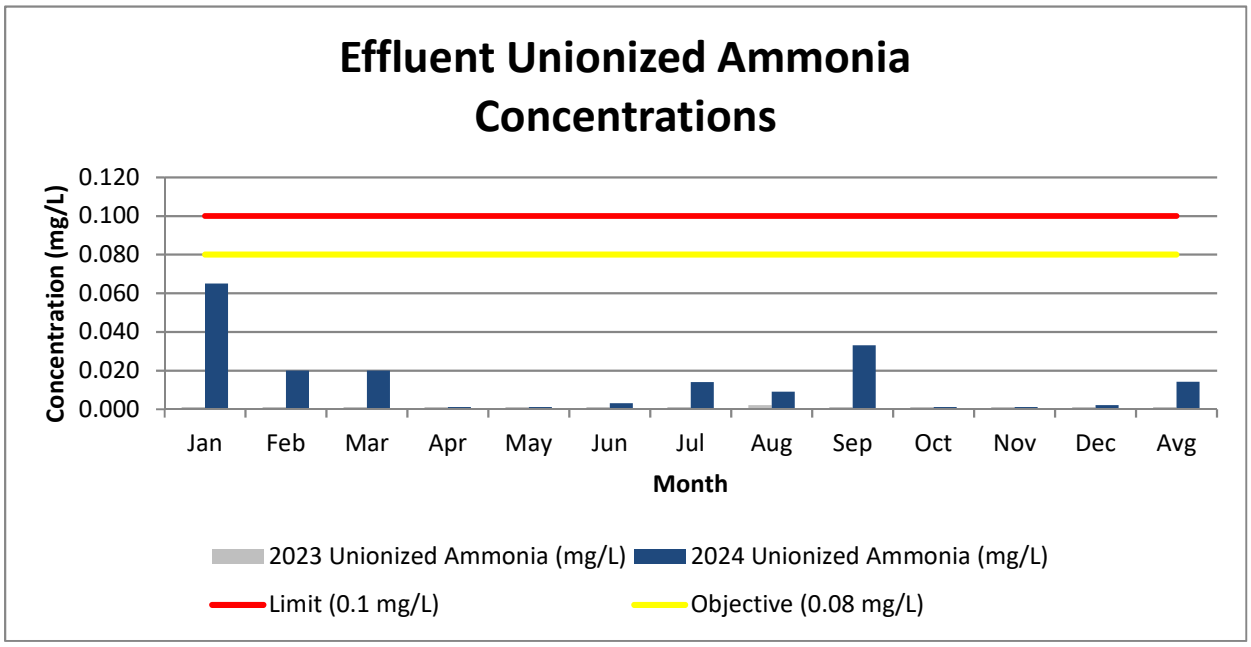

Figure 10. Effluent Unionized Ammonia Concentrations

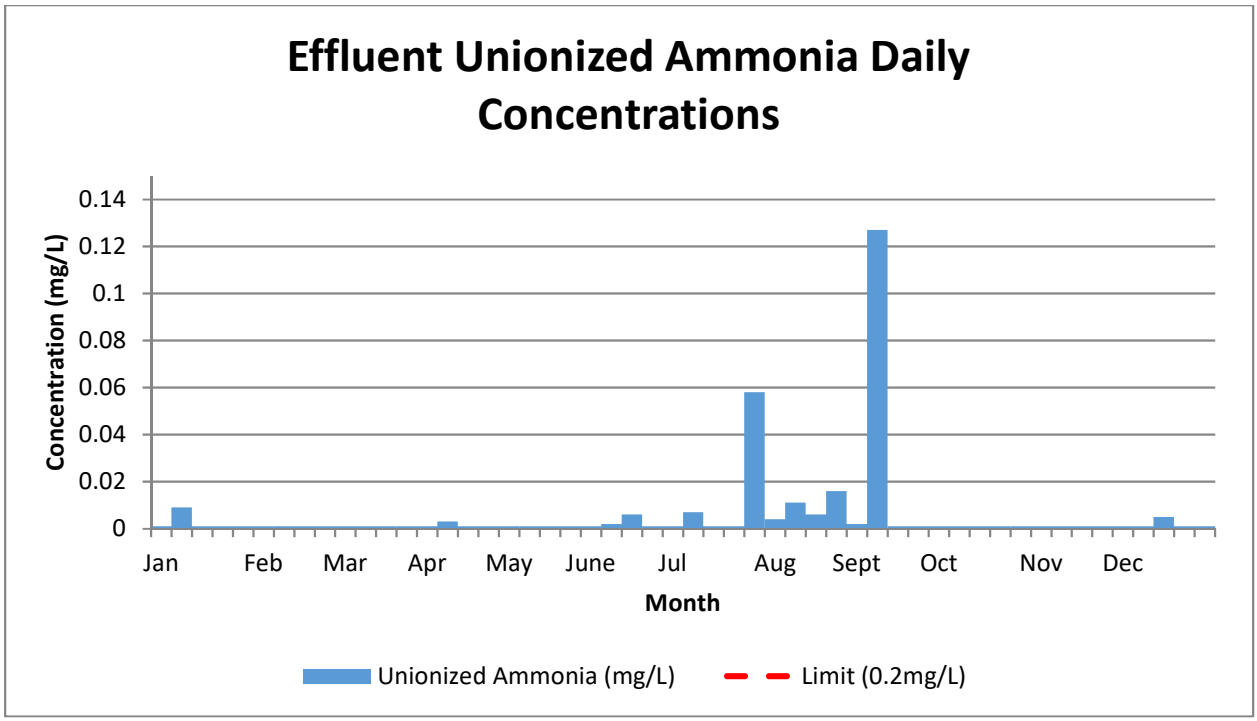

Figure 11. Daily Effluent Unionized Ammonia Concentrations

The monthly geometric mean effluent E. coli concentration in 2024 was 3.5 cfu/100mL, which is a 77% decrease from the annual average in 2023. There were no objective or limit exceedances in 2024. Refer to Figure 12 for a comparison of 2024 monthly effluent E. coli concentrations to 2023 concentrations.

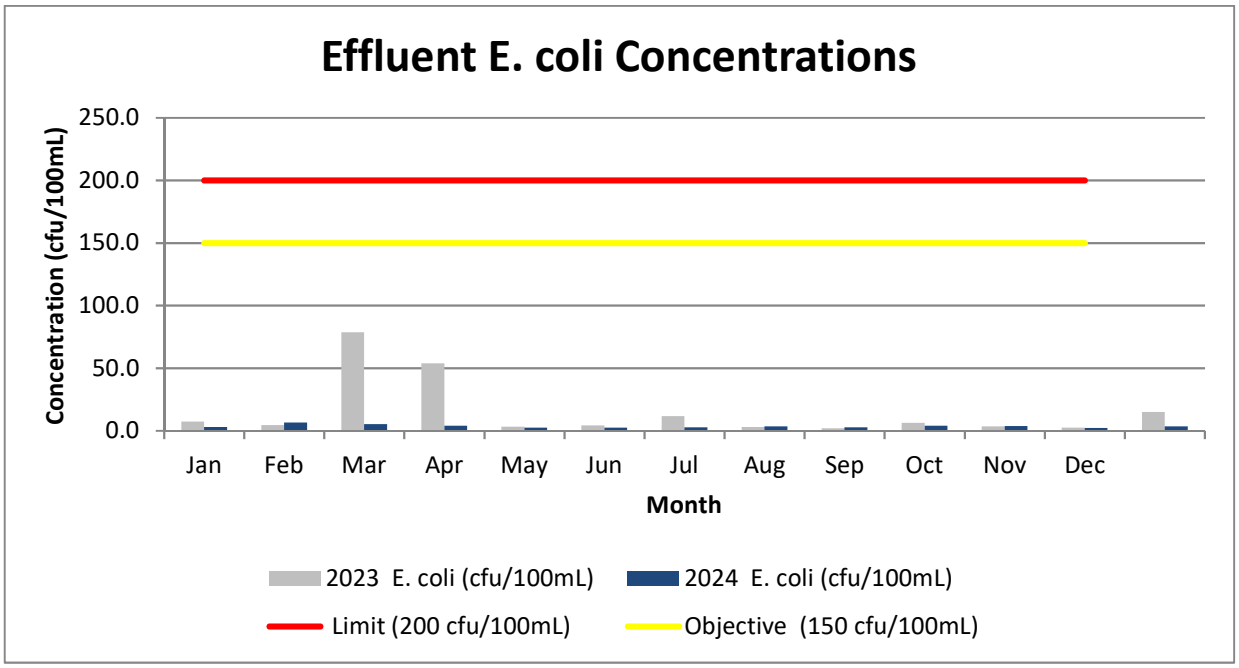

Figure 12. Effluent E. coli Concentrations

The annual monthly average pH value in 2024 was 7.3. There were no objective or limit exceedances in 2024. Refer to Figure 13 for a comparison of 2024 daily effluent pH values to the objectives and limits.

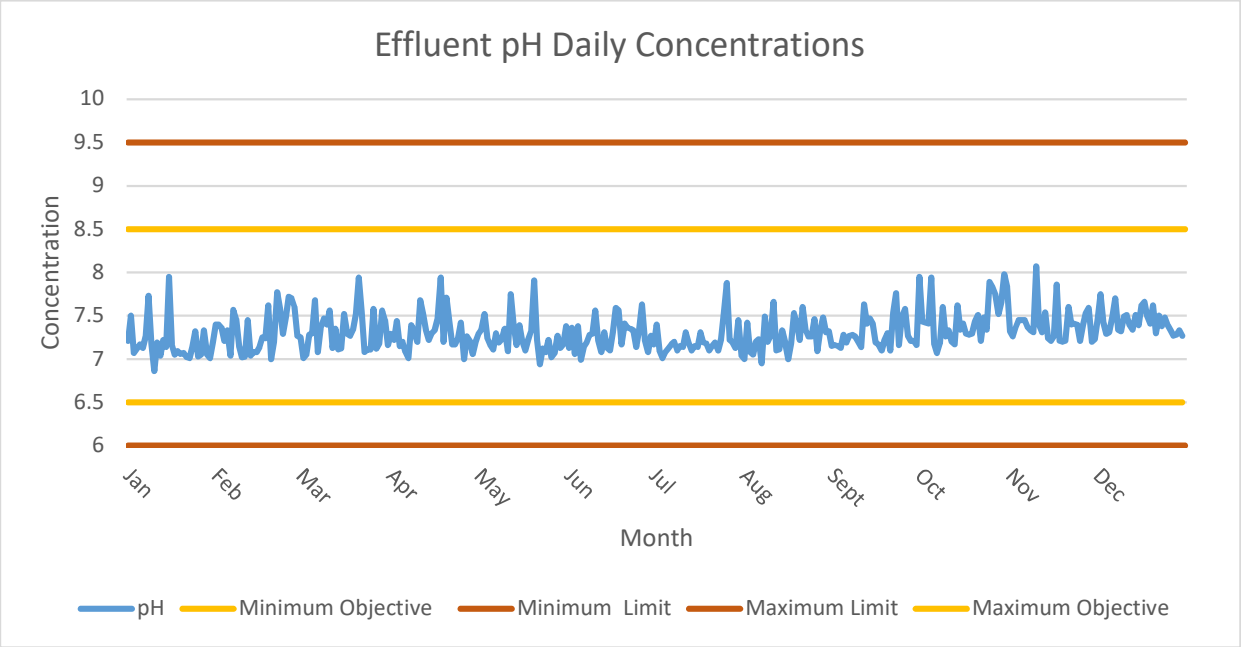

Figure 13. Effluent pH Concentrations

The monthly average Dissolved Oxygen (DO) concentration in 2024 was 8.4 mg/L. Daily effluent D.O. concentrations met objectives 94% of the time in 2024. There were Twenty-one (21) D.O. objective exceedances, out of three-hundred and sixty-three (363) total D.O. measurements in 2024. See the ***Operating Problems & Corrective Actions*** section for more details on effluent D.O. objective exceedances. None of the objective exceedances resulted in a limit exceedance. Refer to Figure 14 for a comparison of 2024 daily effluent DO concentrations to the objective and limits.

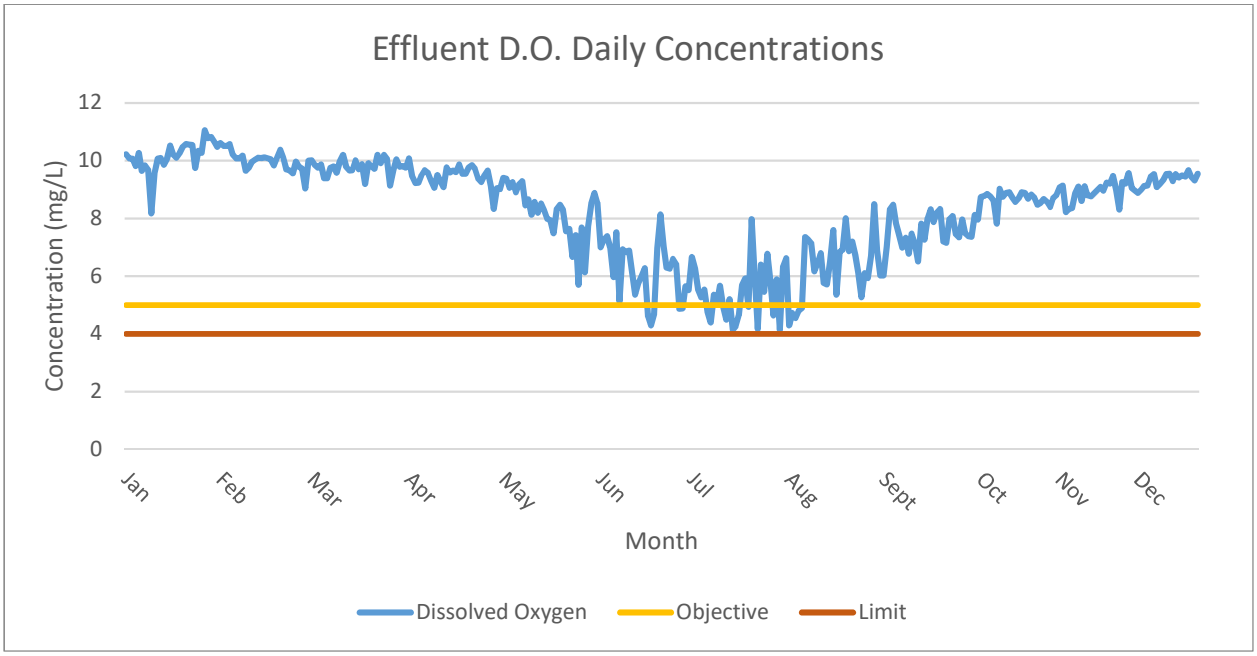

Figure 14. Effluent DO Concentrations

The Stratford WPCP performed well in 2024, producing quality effluent and meeting all limits for all required parameters. Monthly objectives were met for all required parameters, with the exception of twenty-one daily single sample objective exceedances for effluent dissolved oxygen, as discussed in the ***Comparisons to Compliance Limits and Objectives*** and ***Operating Problems & Corrective Actions*** sections.

Deviations from Monitoring Schedule

Deviations from the 2024 sample calendar are outlined in Table 3. No deviations occurred during the 2024 calendar year. Refer to ***Appendix B Monitoring Schedule*** for the 2025 sampling schedule.

Table 3. Summary of Deviations from Monitoring Schedule

Scheduled Date	Collected Date	Reason for Deviation
N/A	N/A	N/A

Operating Problems & Corrective Actions

Aeration cell #4 experienced a major airline break in January, 2024. Emergency repairs were completed and the aeration cell was placed back into service. Aeration cell #1 was taken out of service between June and September for a cleanout and diffuser O-ring replacements. Additional loading on the remaining three aeration cells resulted in lower effluent D.O. levels, and, at times, resulted in objective limit exceedances. Increased effluent TP, TAN, and Unionized Ammonia concentrations were also recorded during the aeration cell maintenance.

A primary digester overpressure event in May resulted in the digester roof lifting and separating from the rest of the digester structure. The digester roof separation resulted in sludge spilling onto the

ground between the WWTP digester and final effluent building. All applicable notifications of the spill were made and samples collected as required by the Environmental Compliance Approval (ECA). The primary digester has been isolated, and raw sludge diverted directly to the secondary digester. The primary digester was emptied by transferring sludge to the secondary digester and sludge storage, before being hauled offsite for disposal. Digester repair assessments have been completed and repair options are being evaluated.

Sludge storage can be a challenge for the WPCP due to limited space and land application capabilities. Wet weather in spring and summer of 2024 delayed the start of sludge haulage and limited opportunities for sludge land application during the May-November application period.

Inflow and infiltration in the collection system continues to cause operational challenges at the WPCP, due to high flows during significant rain and snowmelt events. These events resulted in multiple Primary Treated Overflows and also resulted in high volumes of inorganics and grit being carried into the WPCP. These solids are unable to be properly processed which contributes to high levels of inert solids within the primary clarifiers, aeration and anaerobic digester, which then contributes to the volume of sludge hauled each year, as well as wear on process equipment (e.g. pumps and pipes).

Filter media replacement in 2022-2023 improved the filter's ability to remove small suspended particles within wastewater, however, improved removal of small suspended particles can cause the filter media to become clogged more quickly during high flows. Such conditions resulted in an emergency tertiary bypass during a rain event in April after WPCP flow capacity was reduced by clogged filter media. Staff performed manual backwashes to increase filter flow capacity. The filter SOP has been updated with enhanced backwashing procedures during high flow events to prevent future bypasses due to reduced filter performance.

Two (2) overflow events during December were exacerbated by reduced WWTP flow capacity due to an out of service filter backwash actuator. Operational staff continued to monitor facility performance and make adjustments accordingly as well as complete preventative maintenance throughout the facility to alleviate concerns with the process and equipment.

Capital and major maintenance recommendations have been submitted by OCWA to the City of Stratford to address aging infrastructure and ongoing maintenance requirements for the WPCP to continue to produce high quality effluent. Items included on the list for 2025 are:

- Annual inspections and maintenance of:
    - Backflow preventers
    - Emergency diesel generator
    - Fire extinguishers
    - Forklift
    - Gas detectors
    - Lifting devices
    - Turbo blower
- Annual aeration cell cleanout and maintenance
- SCADA support and upgrades
- Annual service and maintenance of administration and digester building boilers
- Raw sludge pump and grinder replacement parts and repairs

- Bar screen Maintenance and repairs
- Dewatering auger maintenance and upgrades
- Archive building roof repairs
- Maintenance of lift station screw pump belts and bearings
- RAS pump repairs and maintenance
- Ferrous chloride pump maintenance and repairs
- Dewatering pump replacement and repairs
- Boiler recirculation pump repairs and maintenance
- Digester pump replacement parts and maintenance
- Digester valve and piping replacements and maintenance
- Final clarifier maintenance and replacement gaskets, tubes, etc.
- Aeration DO system maintenance
- Milltronic level transmitter replacement
- Primary digester roof repairs
- Filter surface wash arm replacement parts
- UV system replacement parts and maintenance
- Filter building screw pump, backwash pump, and surface wash pump maintenance
- Facility building improvements
- Health and safety improvements
- Grit removal system replacement
- Aeration sluice gate replacement and upgrades
- Sludge storage cleanout
- Aeration piping and valve replacements

Maintenance Activities

Preventative and corrective maintenance is assigned and monitored within OCWA's Workplace Management System (WMS) program. Refer to ***Appendix C Maintenance Summary*** for the WMS report for 2024. Refer to Table 4 for a list of normal and emergency repairs and replacements that took place in 2024.

Table 4. Major Maintenance

Major Maintenance
Primary clarifier lines to primary sludge pumps flushed to clear blockage.
Administrative building boiler repairs.
Replace raw sludge pump rotors and stators.
Repaired air leak in aeration cell #4 piping.
Repaired igniter on methane flare.
Replaced generator battery tender.
Repaired UV control board.
Pulled surface wash pump #1 for overhaul.
Cleared blockage from compressor/supernatant drain line.
Various primary digester maintenance and repairs following over-pressure event, including: • Cleanup of spilled sludge from primary digester overpressure event, • Discuss repair options with consultants and insurance adjusters, • Complete assessment of the gas train and all appurtenances, • Strip insulation from primary digester roof and scan metal thickness, • Haul primary sludge to empty digester for repairs, • Install scaffolding inside primary digester and clean digester interior, • Pull digester compressor unit for maintenance, • Complete flushing of transfer box lines and testing, • Complete pressure wash of interior and exterior to remove all coatings, • Complete weld inspection of all seams in the digester roof and support structures, • Metal analysis of the roof itself.
Heat reclaim unit maintenance.
Service turbo blower.
Service generator fuel system and annual maintenance.
Cleanout of aeration cell #1 and replace diffuser O-rings.
Digester compressor maintenance.
Stored sludge mixer #2 inoperable, pulled mixers for repairs.
Clear blockage from ferrous chloride lines.
Rebuild boiler recirculation pump.
2- Year boiler certification completed.
Double check and complete asset inventory list for the plant.
Fixed missing bench grinder guards.
Filter surface wash arm repairs.
Chemical pump installation- EQ/Chemical building.
Filter building screw pump maintenance, UV channel cleanout.
Valve replacements in digester complex.
Replace 2 actuator valves on filter 2- effluent line and backwash feed.
Unblock supernatant lines.
Annual aeration DO probe inspection and calibration.
Flowmeter, pressure sensor, and handheld D.O. probe calibrations.

Effluent Quality Assurance

Effluent quality assurance is evaluated by monitoring parameters and changes throughout the facilities processes. Operational staff monitor plant performance by performing in-house laboratory analyses twice per week on; raw sewage, raw sludge, primary sludge, mixed liquor, activated sludge, and effluent. These tests include dissolved oxygen, pH, temperature, settling tests and Mixed Liquor Suspended Solids (MLSS) and Mixed Liquor Volatile Suspended Solids (MLVSS). Chemical dosages and wasting volumes are also monitored and recorded. Data collected from these tests provide valuable information to the operators to make the appropriate adjustments in the treatment process and take corrective actions before the plant reaches its effluent limits.

Calibration Records

Influent and effluent flow meters were calibrated by a third party contractor on October 28th, 2024. The flow meters met the accuracy tolerance of within 15% of the actual flow rate. Imported sewage volumes are calculated utilising the haul truck manifests. All in-house handheld chlorine residual analyzers, D.O. probes, and lab equipment were also calibrated in accordance with manufactures instructions. Aeration cell D.O probes and analyzers were calibrated on October 24th, 2024. The D.O. probes were found accurate within ± 0.3 ppm O_2. Gas detection meters were calibrated on December 23, 2024. Operational staff complete routine pH meter calibrations and verifications. Refer to ***Appendix D Calibration Reports*** for the 2024 calibration records.

Summary of Efforts Made to Achieve Design Objectives

Design objectives were not exceeded more then 50% of the time in 2024 and there were no trends in deterioration of final effluent quality. In addition, the average influent flow has not reached or exceeded 80% of the rated capacity.

Notice of Modification to the Works

The Stratford WPCP Wet Weather Overflow Disinfection Process modification involved the replacement of the existing overflow chlorination and de-chlorination dosing pumps with pumps that are more appropriately sized for the flows experienced during overflow events at the Stratford WPCP. The Wet Weather Overflow Disinfection Process modification was completed and commissioned on November 21, 2024. For details of the overflow project, refer to ***Appendix E Modification of Works*** for the Limited Operational Flexibility (LOF).

Sludge Generation & Haulage

The Stratford WPCP has the capacity to store a total of 4,370 m^3 of sludge. The storage tanks are rated for 2,850 m^3 and the storage lagoon is rated for 1,520 m^3. Sludge is periodically hauled between April 1st and November 30th annually for field application. Refer to Table 5 for summary land application sites and volumes. For a comparison of the total hauled sludge over the last six years, refer to Figure 15.

Despite limited opportunities for sludge land application due to wet weather conditions in 2024, the primary digester over pressure incident necessitated emptying all sludge from the primary digester, thereby causing a higher volume of hauled sludge than projected for 2024. Refer to ***Appendix F Sludge Analysis*** for a summary of stored sludge data from 2024.

The anticipated sludge production value for 2025 is approximately 20,000 m^3.

Table 5. Sludge Land Application

NASM Plan Site ID	Month	Volume (m^3)
24413	April	3,532
24413 | 25006 | 24607	May	3,119
24995 | 61393	July	3,249
61393 | 24504	August	3,311
24192	September	2,320
24192	October	2,300
61670 | 24608	November	4,476
	Total	**22,307**

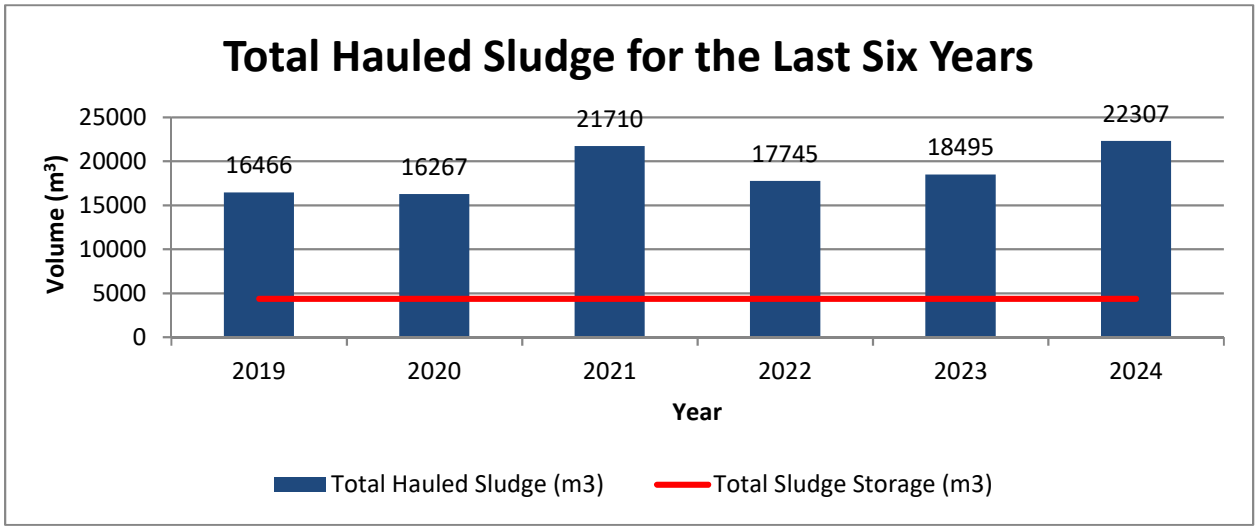

Figure 15. Total Hauled Sludge Volumes

Complaints

The Stratford WPCP has received one community complaint in 2024. A communication issue with the SCADA system on September 1st resulted in a valve opening and slowly filled the storm tank from the primary clarifiers. These contents were held in the storm tank until September 5th, when the contents were slowly pumped back into the treatment process. As a result of septic conditions, odours were released within the aeration tanks. Pumping continued until September 7th, when the tank was emptied and during this time, the odours improved.

Bypass, Overflows or Abnormal Discharge Events

A Bypass is the diversion of sewage around one or more treatment processes, within the WPCP. An Overflow is the discharge to the environment from designed location(s) other than the approved effluent discharge location. A bypass or overflow can occur during heavy precipitation and/or snowmelt events when the raw flow exceeds the rated capacity or if a treatment component is out of service for maintenance purposes.

There have been twelve overflow events in 2024, all of which have been due to heavy rain and some due to snowmelt, and one tertiary bypass. Table 6 summaries all bypass and overflow events in 2024. Quarterly Bypass and Overflow reports are submitted to the MECP summarizing the events and providing sample results.

There were no Outside Normal Operating Condition events that occurred in 2024.

Table 6. Summary of Bypass and Overflow Events

Date	Type: Bypass/Overflow	Volume (m^3)
January 9-15, 2024	**Primary Treatment Overflow**	**87,082**
January 25-31, 2024	**Primary Treatment Overflow**	**153,037**
March 9-11, 2024	**Primary Treatment Overflow**	**20,784**
March 15-16, 2024	**Primary Treatment Overflow**	**16,227**
April 12-15, 2024	**Primary Treatment Overflow**	**41,260**
April 19, 2024	**Emergency Tertiary Bypass**	**10,500**
June 20-21, 2024	**Primary Treatment Overflow**	**6,510**
July 10-12, 2024	**Primary Treatment Overflow**	**72,382**
July 14-19, 2024	**Primary Treatment Overflow**	**153,620**
July 30-August 1, 2024	**Primary Treatment Overflow**	**36,765**
August 2-3, 2024	**Primary Treatment Overflow**	**4,576**
December 9-25, 2024	**Primary Treatment Overflow**	**160,591**
December 26, 2024-January 9, 2025	**Primary Treatment Overflow**	**236,989**

The ECA requires additional sampling for the WPCP when the plant experiences an overflow or bypass event. Bypass sample results are included in the final effluent results. For the overflow events, samples are collected every hour and combined into an eight-hour composite sample for the duration of the event. The samples are analyzed for BOD_5, total suspended solids and total phosphorous. All applicable notifications have been made and samples collected as required by the Environmental Compliance Approval (ECA) as seen in Table 7.

Table 7. Overflow Event Results

Month	BOD_5 (mg/L)	TSS (mg/L)	TP (mg/L)
January	41.33	22.48	0.98
February	---	---	---
March	62.23	32.85	1.39
April	39.70	37.50	1.27
May	---	---	---
June	10.50	14.00	0.69
July	35.88	35.44	1.00
August	39.33	16.67	1.19
September	---	---	---
October	---	---	---
November	---	---	---
December	67.70	30.26	1.87
Average	**52.56**	**29.44**	**1.42**

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

The City of Stratford continues its efforts to reduce or eliminate bypass and overflow events through reducing inflow & infiltration (I & I) to the sanitary wastewater collection system. Capital projects intended to reduce collection system I & I include replacement of 1.2 km of sanitary sewer mains in 2024. Refer to the City of Stratford Sewage Collection System, Consolidated Linear Infrastructure Annual Performance Report for a strategy on managing future bypass and overflow events.

Appendix A

Influent and Effluent Data

(Appendices can be provided upon request to Clerk's Office)

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Performance Assessment Report Standard ECA

From 1/1/2024 to 12/31/2024

5529 STRATFORD WASTEWATER TREATMENT FACILITY 110000702

	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 Sewage m³/d	740,230.00	627,410.00	729,460.00	661,478.00	668,100.00	583,940.00	642,580.00	579,330.00	459,830.00	460,640.00	490,310.00	525,748.00	7,169,056.00			0.00
Raw Flow: Avg - Raw Sewage m³/d	23,878.39	21,634.83	23,530.97	22,049.27	21,551.61	19,464.67	20,728.39	18,688.06	15,327.67	14,859.35	16,343.67	16,959.61		19,587.58		30,660.00
Raw Flow: Max - Raw Sewage m³/d	27,670.00	28,900.00	28,260.00	28,820.00	27,820.00	26,610.00	26,280.00	23,860.00	18,080.00	20,960.00	18,310.00	21,580.00			28,900.00	0.00
Raw Flow: Count - Raw Sewage m³/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 - Final Effluent m³/d	673,701.00	565,632.00	676,363.00	819,408.00	594,845.00	499,852.00	573,031.00	527,957.00	394,616.00	387,183.00	418,290.00	465,640.00	6,596,518.00			0.00
Eff. Flow: Avg - Final Effluent m³/d	21,732.29	19,504.55	21,818.16	27,313.60	19,188.55	16,661.73	18,484.87	17,030.87	13,153.87	12,489.77	13,943.00	15,020.65		18,023.27		
Eff. Flow: Max - Final Effluent m³/d	25,583.00	27,004.00	32,318.00	210,902.00	26,050.00	24,582.00	24,343.00	21,453.00	15,668.00	18,568.00	16,181.00	18,658.00			210,902.00	0.00
Eff Flow: Count - Final Effluent m³/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
Biochemical Oxygen Demand: BOD5																
Raw: Avg BOD5 - Raw Sewage mg/L	93.00	164.50	139.25	151.80	134.25	80.25	121.80	280.75	206.25	212.80	190.75	124.60		158.33	280.75	0.00
Raw: # of samples of BOD5 - Raw Sewage mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Carbonaceous Biochemical Oxygen Demand: CBOD																
Eff: Avg cBOD5 - Final Effluent including Bypass mg/L	< 2.50	< 2.00	< 2.00	< 2.33	< 2.00	< 2.75	< 2.00	< 2.25	< 2.00	< 2.00	< 2.00	< 2.40		< 2.19	< 2.75	10.00
Eff.Flow : Weighted Avg cBOD5 - Final Effluent including Bypass mg/L	< 2.50	< 2.00	< 2.00	< 2.00	< 2.00	< 2.75	< 2.00	< 2.25	< 2.00	< 2.00	0.00	0.00		< 0.00	< 2.75	10.00
Eff: # of samples of cBOD5 - Final Effluent including Bypass mg/L	4.00	4.00	4.00	6.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: cBOD5 - Final Effluent including Bypass kg/d	< 54.331	< 39.009	< 43.636	< 63.732	< 38.377	< 45.820	< 36.970	< 38.319	< 26.308	< 24.980	< 27.886	< 36.050		< 39.45	< 63.73	306.000
Loading Flow Weighted: cBOD5 - Final Effluent including Bypass kg/d	< 54.331	< 39.009	< 43.636	< 54.627	< 38.377	< 45.820	< 36.970	< 38.319	< 26.308	< 24.980	0.000	0.000		< 0.00	< 54.63	306.000
Total Suspended Solids: TSS																
Raw: Avg TSS - Raw Sewage mg/L	97.00	150.75	137.00	166.00	155.25	86.25	86.60	192.75	151.00	199.80	134.00	141.40		141.48	199.80	0.00
Raw: # of samples of TSS - Raw Sewage mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Eff: Avg TSS - Final Effluent including Bypass mg/L	< 2.50	< 2.00	3.25	< 3.17	< 3.00	3.50	< 2.80	< 3.50	3.00	3.20	< 2.75	< 2.80		< 2.96	<	10.00
Eff.Flow : Weighted Avg TSS - Final Effluent including Bypass mg/L	2.50	2.00	3.25	3.40	3.00	3.50	2.80	3.50	3.00	3.20	0.00	0.00		0.00		10.00
Eff: # of samples of TSS - Final Effluent including Bypass mg/L	4.00	4.00	4.00	6.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: TSS - Final Effluent including Bypass kg/d	< 54.331	< 39.009	70.909	< 86.493	< 57.566	58.316	< 51.758	< 59.608	39.462	39.967	< 38.343	< 42.058		< 53.39	< 86.49	306.000
Loading Flow Weighted: TSS - Final Effluent including Bypass kg/d	54.331	39.009	70.909	92.866	57.566	58.316	51.758	59.608	39.462	39.967	0.000	0.000		0.00	92.87	306.000
Total Phosphorus: TP																
Raw: Avg TP - Raw Sewage mg/L	1.79	2.65	1.98	2.04	2.29	2.68	2.77	3.68	3.78	4.32	4.03	2.21		2.85	4.32	0.00

Performance Assessment Report Standard ECA

From 1/1/2024 to 12/31/2024

Raw: # of samples of TP - Raw Sewage mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Eff: Avg TP - Final Effluent including Bypass mg/L	0.07	< 0.04	0.07	0.08	0.07	0.10	0.09	0.10	0.11	0.11	0.08	0.09		0.08	0.11	0.20
Eff.Flow : Weighted Avg TP - Final Effluent including Bypass mg/L	0.07	0.04	0.07	0.07	0.07	0.10	0.09	0.10	0.11	0.11	0.00	0.00		0.00	0.11	0.20
Eff: # of samples of TP - Final Effluent including Bypass mg/L	4.00	4.00	4.00	6.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: TP - Final Effluent including Bypass kg/d	1.576	< 0.829	1.418	2.049	1.295	1.666	1.738	1.618	1.447	1.399	1.046	1.412		1.46	2.05	6.100
Loading Flow Weighted: TP - Final Effluent including Bypass kg/d	1.576	0.829	1.418	1.912	1.295	1.666	1.738	1.618	1.447	1.399	0.000	0.000		0.00	1.91	6.100
Nitrogen Series																
Raw: Avg TKN - Raw Sewage mg/L	20.75	24.30	19.00	19.48	18.35	19.50	25.72	27.40	32.15	35.86	34.78	19.40		24.72	35.86	0.00
Raw: # of samples of TKN - Raw Sewage mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Eff: Avg TAN - Final Effluent including Bypass mg/L	< 0.68	< 0.10	< 0.15	< 0.22	< 0.10	< 0.20	< 1.24	0.88	< 5.30	< 0.10	< 0.10	< 0.20		< 0.74	< 5.30	
Eff.Flow : Weighted Avg TAN - Final Effluent including Bypass mg/L	< 0.68	< 0.10	< 0.15	< 0.24	< 0.10	< 0.20	< 1.24	< 0.88	< 5.30	< 0.10	0.00	0.00		< 0.00	< 5.30	
Eff: # of samples of TAN - Final Effluent including Bypass mg/L	4.00	4.00	4.00	6.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	53.00			0.00
Loading: TAN - Final Effluent including Bypass kg/d	< 14.669	< 1.950	< 3.273	< 5.918	< 1.919	< 3.332	< 22.921	14.902	< 69.715	< 1.249	< 1.394	< 3.004		< 13.26	< 69.72	
Loading Flow Weighted: TAN - Final Effluent including Bypass kg/d	< 14.669	< 1.950	< 3.273	< 6.555	< 1.919	< 3.332	< 22.921	< 14.902	< 69.715	< 1.249	0.000	0.000		< 0.00	< 69.72	
Eff: Avg NO3-N - Final Effluent mg/L	16.78	18.70	15.65	14.44	12.93	15.40	12.96	15.58	18.05	28.80	24.90	17.56		17.64	28.80	0.00
Eff: # of samples of NO3-N - Final Effluent mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Eff: Avg NO2-N - Final Effluent mg/L	< 0.17	< 0.09	< 0.06	< 0.11	< 0.05	0.27	0.35	0.55	< 0.04	< 0.03	< 0.03	< 0.33		< 0.17	< 0.55	0.00
Eff: # of samples of NO2-N - Final Effluent mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Disinfection																
Eff: GMD E. Coli - Final Effluent cfu/100mL	2.99	6.51	5.32	3.87	2.38	2.38	2.64	3.36	2.83	3.87	3.72	2.30				200.00
Eff: # of samples of E. Coli - Final Effluent cfu/100mL	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00

Appendix B

Monitoring Schedule

(Appendices can be provided upon request to Clerk's Office)

QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 1 of 12
Reviewed by: QEMS Representative		Approved by: Operations Management

◄ December	January 2025					February ►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1 **STAT**	**2** IH Full □	**3**	4
5	**6** IH Full □ Monthly Sludge □ Monthly Raw □ F. Effluent □	**7**	**8**	**9** IH Full □	**10**	11
12	**13** IH Full □ Weekly Raw □ F. Effluent □ Acute Lethality □	**14**	**15**	**16** IH Full □	**17**	18
19	**20** IH Full □ Weekly Raw □ F. Effluent □	**21**	**22**	**23** IH Full □	**24**	25
26	**27** **IH Full** □ Weekly Raw □ F. Effluent □	**28**	**29**	**30** IH Full □	**31**	

IH (In House) Full:	Raw (Temp., pH, DO) Aeration (Set Test, MLSS, DO, pH, Temp.) RAS (SS) Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)
Monthly Sludge Sample:	Grab Stored Sludge (TSS,N, HG,AS,CD, CO, CR, CU, K, MO, NI, TP, PB,SE, ZN, TKN, TAN, E.coli) Grab Primary Sludge (Volatile Acid)
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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 2 of 12
Reviewed by: QEMS Representative		Approved by: Operations Management

◄ January

February 2025

March ►

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

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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 3 of 12
Reviewed by: QEMS Representative		Approved by: Operations Management

◄ February

March 2025

April ►

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

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◄ March

April 2025

May ►

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

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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 5 of 12
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◄ April	May 2025					June ►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
				1 IH Full □	**2**	3
4	**5** IH Full □ Monthly Sludge □ Monthly Raw □ F. Effluent □	**6**	**7**	**8** IH Full □	**9**	10
11	**12** IH Full □ Weekly Raw □ F. Effluent □	**13**	**14**	**15** IH Full □	**16**	17
18	**19** **STAT**	**20** IH Full □ Weekly Raw □ F. Effluent □	**21**	**22** IH Full □	**23**	24
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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 6 of 12
Reviewed by: QEMS Representative	Approved by: Operations Management	

◄ May	June 2025					July ►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
1	**2** IH Full □ Monthly Sludge □ Monthly Raw □ F. Effluent □	**3**	**4**	**5** IH Full □	**6**	7
8	**9** IH Full □ Weekly Raw □ F. Effluent □	**10**	**11**	**12** IH Full □	**13**	14
15	**16** IH Full □ Weekly Raw □ F. Effluent □	**17**	**18**	**19** IH Full □	**20**	21
22	**23** IH Full □ Weekly Raw □ F. Effluent □	**24**	**25**	**26** IH Full □	**27**	28
29	**30** **IH Full** □ Weekly Raw □ F. Effluent □					

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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 7 of 12
Reviewed by: QEMS Representative		Approved by: Operations Management

◄ June

July 2025

August ►

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

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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 8 of 12
Reviewed by: QEMS Representative		Approved by: Operations Management

◄ July

August 2025

September ►

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

IH (In House) Full:	Raw (Temp., pH, DO) Aeration (Set Test, MLSS, DO, pH, Temp.) RAS (SS) Effluent Composite (TP, NH3+NH4, SS); Grab (DO, pH, Temp.)
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QEMS Ontario Clean Water Agency	Sample Schedule 2025 Stratford WPCP	Rev. Date: 2024-10-10 Rev.#: 3 Pages: 9 of 12
Reviewed by: QEMS Representative		Approved by: Operations Management

◄ August

September 2025

October ►

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

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◄ September	October 2025					November ►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
			1	**2** IH Full □	**3**	4
5	**6** IH Full □ Monthly Sludge □ Monthly Raw □ F. Effluent □	**7**	**8**	**9** IH Full □	**10**	11
12	**13** **STAT**	**14** IH Full □ Weekly Raw □ F. Effluent □	**15**	**16** IH Full □	**17**	18
19	**20** IH Full □ Weekly Raw □ F. Effluent □	**21**	**22**	**23** IH Full □	**24**	25
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◄ October	November 2025					December ►
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
						1
2	**3** IH Full □ Monthly Sludge □ Monthly Raw □ F. Effluent □	**4**	**5**	**6** IH Full □	**7**	8
9	**10** IH Full □ Weekly Raw □ F. Effluent □	**11** **STAT**	**12**	**13** IH Full □	**14**	15
16	**17** IH Full □ Weekly Raw □ F. Effluent □	**18**	**19**	**20** IH Full □	**21**	22
23 30	**24** IH Full □ Weekly Raw □ F. Effluent □	**25**	**26**	**27** IH Full □	**28**	29

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◄ November

December 2025

January ►

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

Distribution Residuals: Residuals must be at least 48hrs apart.
Monthly Samples: Raw water (E. coli, TC); samples must be collected greater than 20 days and less than 40 days from previous month collection.
Biweekly Bacti: Distribution (E. coli, TC, HPC)
Quarterly Samples: Distribution (THMs, HAAs) TW (Nitrate and Nitrite) samples must be collected greater than 60 days and less than 120 days from previous quarterly collection.
Schedule 15.1 Samples: Distribution (Lead, Alkalinity & pH) Sample periods Dec 15 to April 15 and June 15 to October 15
60 Month Samples: Schedule 23, 24 (2029), Sodium (2027), Fluoride (2026)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility.

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Appendix C

Maintenance Summary

(Appendices can be provided upon request to Clerk's Office)

Stratford WPCP Maintenance Summary Report

Report Start Date: Jan 1, 2024 12:00 AM
Report End Date: Dec 31, 2024 11:59 PM
Location: 5529
Work Order Type: ADMIN,CAP,CORR,EMER,OPER,PM

			WorkOrder		PM Schedule		Workorder Details		
WO #	Asset ID	Asset Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start
3714244	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	1/1/24 12:00 AM
3714246	0000160242	COMPRESSOR AIR GENERAL USE MAINT SHOP	PM	Refurbish/Replace/Repair	1	YEARS	Maintenance Shop Air Compressor Insp/Service (1y) 5529	CLOSE	1/1/24 12:00 AM
3714256	0000278051	FAN EXHAUST FERROUS CHLORIDE BUILDING	PM	Refurbish/Replace/Repair	1	YEARS	Chemical Building Exhaust Fan Insp/Service (1y) 5529	CLOSE	1/1/24 12:00 AM
3714259	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	1/1/24 12:00 AM
3714264	0000160033	PUMP GEAR 02 FUEL TRANSFER GEN RM BLOWER BLDG	PM	Refurbish/Replace/Repair	1	YEARS	Diesel Fuel Pump Route Insp/Service (1y) 5529	CLOSE	1/1/24 12:00 AM
3714267	0000278021	PUMP PERISTALTIC CCP-301 FERROUS CHLORIDE DOSING BLOWER BLDG	PM	Refurbish/Replace/Repair	6	MONTHS	Peristaltic Pump Ferrous Chloride CCP301 Insp/Service (3m) 5529	CLOSE	1/1/24 12:00 AM
3714487			PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	1/1/24 12:00 AM
3714487			PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	1/1/24 12:00 AM
3714487			PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	1/1/24 12:00 AM
3714487			PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	1/1/24 12:00 AM
3714487			PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	1/1/24 12:00 AM
3714487			PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	1/1/24 12:00 AM
3714489			PM	Inspection	1	MONTHS	PH Probe Insp/Calib (1m) 5529	CLOSE	1/1/24 12:00 AM
3714494			OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m)	CLOSE	1/1/24 12:00 AM
3714499			OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m)	CLOSE	1/1/24 12:00 AM
3714811	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	1/1/24 12:00 AM
3714830	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	CLOSE	1/1/24 12:00 AM
3714830	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	CLOSE	1/1/24 12:00 AM

3714830	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	CLOSE	1/1/24 12:00 AM
3714830	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	CLOSE	1/1/24 12:00 AM
3715085			PM	Health and	1	MONTHS	OG15 Facility OHSA	CLOSE	1/1/24 12:00 AM
3715160			OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	1/1/24 12:00 AM
3715411			OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	CLOSE	1/1/24 12:00 AM
3716145			PM	Health and Safety	1	YEARS	Third Party Fire Extinguishers Inspection (1y) 5529	CLOSE	1/1/24 12:00 AM
3731607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	1/1/24 12:00 AM
3731607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	1/1/24 12:00 AM
3731607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	1/1/24 12:00 AM
3731607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	1/1/24 12:00 AM
3731607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	1/1/24 12:00 AM
3734092	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service (1m/6m/1y) 5529	CLOSE	1/1/24 12:00 AM
3734432			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	1/1/24 12:00 AM
3734432			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	1/1/24 12:00 AM
3734432			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	1/1/24 12:00 AM
3734432			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE	CLOSE	1/1/24 12:00 AM

							INSPECTION/SERVICE ROUTE (1m) 5529		
3734432			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	1/1/24 12:00 AM
3734781	0000278169	FILTER CARTRIDGE HOT WATER MAINT SHOP	PM	Inspection	1	MONTHS	Shop Boiler Water Filter Cartridge Change (1m) 5529	CLOSE	1/1/24 12:00 AM
3735049			PM	Compliance	3	MONTHS	WSER Quarterly	CLOSE	1/1/24 12:00 AM
3735751	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m) 5529	CLOSE	1/1/24 12:00 AM
3737447			PM	Inspection	3	MONTHS	Fleet Vehicle Maintenance Checks (3m)	CLOSE	1/1/24 12:00 AM
3750252	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	1/1/24 12:00 AM
3750259	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	CLOSE	1/1/24 12:00 AM
3759400			EMER	Refurbish/Replace/Repair	0		Main Sludge Line Blockage Clearing and Pump parts Replacement	CLOSE	

3760088			EMER	Refurbish/Replace/Repair	0	Sludge Pump parts install	CLOSE	
3760089			OPER	Administrative	0	SCADA Communication Failure #5529	CLOSE	
3760534	0000278114	PUMP PROG CAV P-202 PRIMARY SLUDGE BASEMENT	CAP	Refurbish/Replace/Repair	0	Primary Grit Pump Rotor and Stator Purchase	CLOSE	
3761607	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	CORR	Refurbish/Replace/Repair	0	fixed two water leaks in compressor water seal line 5529	CLOSE	
3761608	0000278213	DRIVE VFD P-101 RAW SEWAGE PUMP 01 INLET ELEC RM	CORR	Refurbish/Replace/Repair	0	inspected and re connected HIM wiring 5529	CLOSE	
3762881			CORR	Refurbish/Replace/Repair	0	Replace Peristaltic Pump Hose #303 in Ferrous Room- 5529	CLOSE	
3764129			CORR	Refurbish/Replace/Repair	0	Water line repair to Detroiter room - 5529	CLOSE	
3764135			EMER	Refurbish/Replace/Repair	0	Aeration Cell 4 Emergency Repair #5529	CLOSE	

3764157	0000278212	BOILER PROPANE 01 HVAC SYS MAINT SHOP	PM	Refurbish/Replace/Repair	1	YEARS	Annual Third Party Boiler Inspection/Service (1y)	CLOSE	1/25/24 12:00 AM
3764221			PM	Compliance	1	YEARS	RP03 Annual Report	CLOSE	1/25/24 12:00 AM
3765075	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	CAP	Predictive Maintenance	0		APG/Neuros Annual Blower Maintenance	CLOSE	
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795			PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM

3769795	PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795	PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795	PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795	PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769795	PM	Refurbish/Replace/Repair	1	YEARS	VFD Route Annual Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM

3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769797	PM	Inspection	1	YEARS	Third Party Lifting Device	CLOSE	2/1/24 12:00 AM
3769801	PM	Refurbish/Replace/Repair	3	YEARS	MCC Route Insp/Service (3y) 5529	CLOSE	2/1/24 12:00 AM
3769801	PM	Refurbish/Replace/Repair	3	YEARS	MCC Route Insp/Service (3y) 5529	CLOSE	2/1/24 12:00 AM
3769801	PM	Refurbish/Replace/Repair	3	YEARS	MCC Route Insp/Service (3y) 5529	CLOSE	2/1/24 12:00 AM
3769801	PM	Refurbish/Replace/Repair	3	YEARS	MCC Route Insp/Service (3y) 5529	CLOSE	2/1/24 12:00 AM
3769801	PM	Refurbish/Replace/Repair	3	YEARS	MCC Route Insp/Service (3y) 5529	CLOSE	2/1/24 12:00 AM

3769801			PM	Refurbish/Replace/Repair	3	YEARS	MCC Route Insp/Service (3y) 5529	CLOSE	2/1/24 12:00 AM
3769913	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	2/1/24 12:00 AM
3769915	0000160058	BLOWER CENTRIFUGAL B-302 AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	YEARS	Blower Centrifugal 302 Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769918	0000160065	BLOWER CENTRIFUGAL B-303 AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	YEARS	Blower Centrifugal 303 Insp/Service (1y) 5529	CLOSE	2/1/24 12:00 AM
3769921	0000269083	COOLER AIR P804 GEARBOX OIL LIFT STATION	PM	Refurbish/Replace/Repair	5	YEARS	Fan P804 Oil Cooler Insp/Service (5y) 5529	COMP	2/1/24 12:00 AM
3769924	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	2/1/24 12:00 AM
3770108			PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	2/1/24 12:00 AM
3770113			OPER	Inspection	1	MONTHS	Daily O&M Activities	CLOSE	2/1/24 12:00 AM
3770118			OPER	Inspection	1	MONTHS	TPM Insp/Maint	CLOSE	2/1/24 12:00 AM
3770384	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	2/1/24 12:00 AM
3770644			PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	2/1/24 12:00 AM
3770661			PM	Compliance	1	YEARS	OG111 OCWA`s Fleet Policy Review (1y) 5529	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy Review (1y) Stratford	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy Review (1y) Stratford	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy Review (1y) Stratford	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy Review (1y) Stratford	CLOSE	2/1/24 12:00 AM
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy	CLOSE	2/1/24 12:00 AM

							Review (1y) Stratford		
3770667			PM	Health and Safety	1	YEARS	OG109 OCWAs PPE Policy Review (1y) Stratford	CLOSE	2/1/24 12:00 AM
3770704			OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	2/1/24 12:00 AM
3770859			OPER	Compliance	1	MONTHS	Sampling and Testing	CLOSE	2/1/24 12:00 AM
3771359	0000278043	HEATER ELECTRIC UH20 EX. PROOF HVAC SYS LIFT STATION	PM	Refurbish/Replace/Repair	1	YEARS	Lift Station Electric Heater NE Corner Insp (1y) 5529	CLOSE	2/1/24 12:00 AM
3771367	0000278042	HEATER ELECTRIC UH19 EX. PROOF HVAC SYS LIFT STATION	PM	Refurbish/Replace/Repair	1	YEARS	Lift Station Electric Heater SE Corner Insp (1y) 5529	CLOSE	2/1/24 12:00 AM
3782564			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	2/1/24 12:00 AM
3782564			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	2/1/24 12:00 AM
3782564			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	2/1/24 12:00 AM

3782564			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	2/1/24 12:00 AM
3782564			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	2/1/24 12:00 AM
3784539	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service (1m/6m/1y) 5529	CLOSE	2/1/24 12:00 AM
3784697			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	2/1/24 12:00 AM

3784697			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	2/1/24 12:00 AM
3784697			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	2/1/24 12:00 AM
3784697			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	2/1/24 12:00 AM
3784697			PM	Inspection	1	MONTHS	BAR SCREEN	CLOSE	2/1/24 12:00 AM
3784870	0000278169	FILTER CARTRIDGE HOT WATER MAINT SHOP	PM	Inspection	1	MONTHS	Shop Boiler Water Filter Cartridge Change (1m) 5529	CLOSE	2/1/24 12:00 AM
3785012			PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary	CLOSE	2/1/24 12:00 AM
3785218			PM	Refurbish/Replace/Repair	2	MONTHS	Primary/Secondary Digester Doghouse Valve Switch (2m) 5529	CLOSE	2/1/24 12:00 AM
3785452	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m) 5529	CLOSE	2/1/24 12:00 AM

3795990	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	2/1/24 12:00 AM
3795997	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	CLOSE	2/1/24 12:00 AM
3804911			CORR	Refurbish/Replace/Repair	0		Raw Sludge Pump Parts Install - 5529	CLOSE	
3806214			CAP	Inspection	0		Lifting Equipment and	COMP	
3806218	0000160038	BATTERY CHARGER GENERATOR GENERATOR BUILDING	EMER	Refurbish/Replace/Repair	0		Generator Repair-Batteries and Battery Tender	CLOSE	
3806378	0000278214	LIFTING DEVICE FORK LIFT PROPANE GEN. RM BLOWER BLDG	PM	Health and Safety	1	YEARS	Third Party Fork Lift Annual Inspection (1y) 5529	CLOSE	2/24/24 12:00 AM
3812159	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	3/1/24 12:00 AM
3812161	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	3/1/24 12:00 AM
3812373	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib (1m) 5529	CLOSE	3/1/24 12:00 AM
3812378	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m)	CLOSE	3/1/24 12:00 AM
3812383	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	CLOSE	3/1/24 12:00 AM
3812645	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	3/1/24 12:00 AM
3812881	0000278024	ANALYZER DO AERATION BLOWER BLDG	PM	Inspection	3	MONTHS	Aeration DO Analyzer Insp (1y) 5529	CLOSE	3/1/24 12:00 AM
3812944	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	3/1/24 12:00 AM
3813021	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	3/1/24 12:00 AM
3813174	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing	CLOSE	3/1/24 12:00 AM

3826007			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	3/1/24 12:00 AM
3826007			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	3/1/24 12:00 AM
3826007			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	3/1/24 12:00 AM
3826007			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	3/1/24 12:00 AM
3826007			PM	Refurbish/Repl	1	MONTHS	Primary Clarifier	CLOSE	3/1/24 12:00 AM
3828116	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service	CLOSE	3/1/24 12:00 AM
3828262			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	3/1/24 12:00 AM
3828262			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	3/1/24 12:00 AM

3828262			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	3/1/24 12:00 AM
3828262			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	3/1/24 12:00 AM
3828262			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	3/1/24 12:00 AM
3828438	0000278169	FILTER CARTRIDGE HOT WATER MAINT SHOP	PM	Inspection	1	MONTHS	Shop Boiler Water Filter Cartridge Change (1m) 5529	CLOSE	3/1/24 12:00 AM
3828707			PM	Health and Safety	1	YEARS	Harness/ Lanyard Annual Inspection (1y)	CLOSE	3/1/24 12:00 AM
3829033	0000278081	BLOWER	PM	Refurbish/Repl	1	MONTHS	Turbo Blower Monthly	CLOSE	3/1/24 12:00 AM
3832798			PM	Refurbish/Replace/Repair	4	MONTHS	Primary Clarifier Rotation (4m) 5529	CLOSE	3/1/24 12:00 AM
3832798			PM	Refurbish/Replace/Repair	4	MONTHS	Primary Clarifier Rotation (4m) 5529	CLOSE	3/1/24 12:00 AM
3832798			PM	Refurbish/Replace/Repair	4	MONTHS	Primary Clarifier Rotation (4m) 5529	CLOSE	3/1/24 12:00 AM
3832798			PM	Refurbish/Replace/Repair	4	MONTHS	Primary Clarifier Rotation (4m) 5529	CLOSE	3/1/24 12:00 AM
3832798			PM	Refurbish/Replace/Repair	4	MONTHS	Primary Clarifier Rotation (4m) 5529	CLOSE	3/1/24 12:00 AM
3839378	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	3/1/24 12:00 AM
3839385	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	CLOSE	3/1/24 12:00 AM
3847892	0000160320	MOTOR P106 PUMP HOT WATER CIRC	CORR	Refurbish/Replace/Repair	0		Replaced faulty pump / motor coupling5529	CLOSE	
3850307	0000160345	PANEL ALARM/DIALER MAIN OFFICE	CORR	Refurbish/Replace/Repair	0		Replaced and tested EQ overflow alarm float.5529	CLOSE	

3857303	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	4/1/24 12:00 AM
3857308	0000160577	MIXER SUBMERSIBLE 01 SLUDGE HOLDING TANK	PM	Inspection	1	YEARS	Sludge Storage Mixer 01 Insp/Service (1y) 5529	CLOSE	4/1/24 12:00 AM
3857311	0000160580	MIXER SUBMERSIBLE 02 SLUDGE HOLDING TANK	PM	Inspection	1	YEARS	Sludge Storage Mixer 02 Insp/Service (1y) 5529	CLOSE	4/1/24 12:00 AM
3857314	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	4/1/24 12:00 AM
3857319	0000160272	PUMP SUBMERSIBLE P-305A SUMP SLUDGE RM BLOWER BLDG	PM	Refurbish/Replace/Repair	1	YEARS	RAS Building Sump Pump P305A Insp/Service (1y) 5529	CLOSE	4/1/24 12:00 AM
3857328	0000160273	PUMP SUBMERSIBLE P-305B SUMP SLUDGE RM BLOWER BLDG	PM	Refurbish/Replace/Repair	1	YEARS	RAS Building Sump Pump P305B Insp/Service (1y) 5529	CLOSE	4/1/24 12:00 AM
3857337	0000249129	SAFETY SPILL KIT 01 FILTER BLDG	PM	Health and Safety	1	YEARS	Safety Spill Kit 01 Insp (1y) 5529	CLOSE	4/1/24 12:00 AM
3857339	0000278001	SAFETY SPILL KIT 02 FILTER BLDG	PM	Health and Safety	1	YEARS	Safety Spill Kit 02 Insp (1y) 5529	CLOSE	4/1/24 12:00 AM
3857510	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	4/1/24 12:00 AM
3857510	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	4/1/24 12:00 AM
3857510	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	4/1/24 12:00 AM
3857510	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	4/1/24 12:00 AM
3857510	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	4/1/24 12:00 AM
3857510	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks	CLOSE	4/1/24 12:00 AM
3857512	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	4/1/24 12:00 AM
3857517	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m)	CLOSE	4/1/24 12:00 AM
3857522	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m)	CLOSE	4/1/24 12:00 AM
3857811	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	4/1/24 12:00 AM
3858077	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	4/1/24 12:00 AM

3858106	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 5529	CLOSE	4/1/24 12:00 AM
3858356	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	CLOSE	4/1/24 12:00 AM
3864615	0000278100	MOTOR PROG CAV P201 RAW SLUDGE	PM	Refurbish/Replace/Repair	6	MONTHS	Raw Sludge Pump Motor Semi-Annual Inspection/Service (6m) 5529	CLOSE	4/1/24 12:00 AM
3872627			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	4/1/24 12:00 AM
3872627			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	4/1/24 12:00 AM
3872627			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	4/1/24 12:00 AM
3872627			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	4/1/24 12:00 AM
3872627			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	4/1/24 12:00 AM
3873962			PM	Refurbish/Replace/Repair	1	YEARS	RAS Pump Motors Group Inspection/Service (1y) 5529	COMP	4/1/24 12:00 AM
3873962			PM	Refurbish/Replace/Repair	1	YEARS	RAS Pump Motors Group Inspection/Service (1y) 5529	COMP	4/1/24 12:00 AM

3873962			PM	Refurbish/Replace/Repair	1	YEARS	RAS Pump Motors Group Inspection/Service (1y) 5529	COMP	4/1/24 12:00 AM
3873962			PM	Refurbish/Replace/Repair	1	YEARS	RAS Pump Motors Group Inspection/Service (1y) 5529	COMP	4/1/24 12:00 AM
3873962			PM	Refurbish/Replace/Repair	1	YEARS	RAS Pump Motors Group Inspection/Service (1y) 5529	COMP	4/1/24 12:00 AM
3875603	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service	CLOSE	4/1/24 12:00 AM
3875847			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	4/1/24 12:00 AM
3875847			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	4/1/24 12:00 AM
3875847			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	4/1/24 12:00 AM
3875847			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	4/1/24 12:00 AM
3875847			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	4/1/24 12:00 AM
3876052	0000278169	FILTER CARTRIDGE	PM	Inspection	1	MONTHS	Shop Boiler Water Filter	CLOSE	4/1/24 12:00 AM
3876233			PM	Compliance	3	MONTHS	WSER Quarterly	CLOSE	4/1/24 12:00 AM

3876384			PM	Refurbish/Replace/Repair	2	MONTHS	Primary/Secondary Digester Doghouse Valve Switch (2m) 5529	CLOSE	4/1/24 12:00 AM
3876862	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m) 5529	CLOSE	4/1/24 12:00 AM
3878236			PM	Inspection	3	MONTHS	Fleet Vehicle Maintenance Checks (3m)	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Repl	6	MONTHS	Digester Building Valve	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM

3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Repl	6	MONTHS	Digester Building Valve	COMP	4/1/24 12:00 AM
3881757	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM

3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3881757			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	4/1/24 12:00 AM
3890686	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	4/1/24 12:00 AM
3890693	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	CLOSE	4/1/24 12:00 AM
3899510	0000070305	COMPRESSOR GAS	CORR	Refurbish/Repl	0		Troubleshot	CLOSE	
3901231	0000160515	METER FLOW METHANE GAS DIGESTER BUILDING	CORR	Refurbish/Replace/Repair	0		Trouble shot methane production totalizer not counting. 5529	CLOSE	
3901309			CORR	Refurbish/Repl	0		Clean out ferrous pump	CLOSE	
3902404	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	CORR	Refurbish/Replace/Repair	0		unclogged compressor drain / supernate 8" pipe 5529	CLOSE	
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route Insp/Service (1y) 5529	CLOSE	5/1/24 12:00 AM
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route Insp/Service (1y) 5529	CLOSE	5/1/24 12:00 AM
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route	CLOSE	5/1/24 12:00 AM
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route Insp/Service (1y) 5529	CLOSE	5/1/24 12:00 AM
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route Insp/Service (1y) 5529	CLOSE	5/1/24 12:00 AM
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route Insp/Service (1y) 5529	CLOSE	5/1/24 12:00 AM
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route	CLOSE	5/1/24 12:00 AM

							Insp/Service (1y) 5529		
3909302	356646	LAB Autoclave	PM	Compliance	1	YEARS	Flame Arrester Route Insp/Service (1y) 5529	CLOSE	5/1/24 12:00 AM
3909455	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	5/1/24 12:00 AM
3909457	0000160241	ANALYZER 01 GAS	PM	Inspection	6	MONTHS	Third-Party	CLOSE	5/1/24 12:00 AM
3909457	0000160241	ANALYZER 01 GAS TRI DETECTOR SHOP ELECTRICAL ROOM	PM	Inspection	6	MONTHS	Third-Party Gas Detector Group Insp/Calib (6m) 5529	CLOSE	5/1/24 12:00 AM
3909457	0000160241	ANALYZER 01 GAS	PM	Inspection	6	MONTHS	Third-Party	CLOSE	5/1/24 12:00 AM
3909460	0000278051	FAN EXHAUST FERROUS CHLORIDE BUILDING	PM	Refurbish/Replace/Repair	1	YEARS	Chemical Building Exhaust Fan Insp/Service (1y) 5529	COMP	5/1/24 12:00 AM
3909463	0000160180	GEAR DRIVE DETRITOR DETRITOR RM	PM	Refurbish/Replace/Repair	1	YEARS	Gear Drive Insp/Service (1y) 5529	COMP	5/1/24 12:00 AM
3909466	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	5/1/24 12:00 AM
3909658	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib (1m) 5529	CLOSE	5/1/24 12:00 AM
3909663	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities	CLOSE	5/1/24 12:00 AM
3909668	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint	CLOSE	5/1/24 12:00 AM
3909938	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	5/1/24 12:00 AM
3910189	0000278077	PUMP SUBMERSIBLE 104 RAW SEWAGE	PM	Refurbish/Replace/Repair	6	MONTHS	Raw Sewage Pump 104 Insp/Service (6m/1y/5y) 5529	COMP	5/1/24 12:00 AM
3910232	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	5/1/24 12:00 AM
3910261	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	5/1/24 12:00 AM
3910529	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	CLOSE	5/1/24 12:00 AM
3924354			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	5/1/24 12:00 AM
3924354			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	5/1/24 12:00 AM

3924354			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	5/1/24 12:00 AM
3924354			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	5/1/24 12:00 AM
3924354			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	5/1/24 12:00 AM
3926934	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service	CLOSE	5/1/24 12:00 AM
3927074			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	5/1/24 12:00 AM
3927074			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	5/1/24 12:00 AM
3927074			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	5/1/24 12:00 AM
3927074			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	5/1/24 12:00 AM
3927074			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	5/1/24 12:00 AM
3927454	356646	LAB Autoclave	PM	Compliance	3	MONTHS	MECP Overflow &	CLOSE	5/1/24 12:00 AM
3927909	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m) 5529	CLOSE	5/1/24 12:00 AM
3928003			PM	Refurbish/Replace/Repair	1	YEARS	Digester Doghouse Pressure Relief Annual Cleaning/Inspection	CLOSE	5/1/24 12:00 AM
3928003			PM	Refurbish/Repl	1	YEARS	Digester Doghouse	CLOSE	5/1/24 12:00 AM

3928003			PM	Refurbish/Replace/Repair	1	YEARS	Digester Doghouse Pressure Relief Annual Cleaning/Inspection	CLOSE	5/1/24 12:00 AM
3928003			PM	Refurbish/Replace/Repair	1	YEARS	Digester Doghouse Pressure Relief Annual Cleaning/Inspection	CLOSE	5/1/24 12:00 AM
3928003			PM	Refurbish/Replace/Repair	1	YEARS	Digester Doghouse Pressure Relief Annual Cleaning/Inspection	CLOSE	5/1/24 12:00 AM
3928003			PM	Refurbish/Replace/Repair	1	YEARS	Digester Doghouse Pressure Relief Annual Cleaning/Inspection	CLOSE	5/1/24 12:00 AM
3938540			PM	Compliance	1	YEARS	NPRI Reporting (1y)	CLOSE	5/1/24 12:00 AM
3939040	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	5/1/24 12:00 AM
3939040	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	5/1/24 12:00 AM
3939040	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	5/1/24 12:00 AM
3939047	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	CLOSE	5/1/24 12:00 AM
3946807	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Predictive Maintenance	0		Filter Building Screw pump Grease pot repair	CLOSE	
3947355			PM	Predictive Maintenance	0		Clear blocked lines to Ferrous Pumps #5529	CLOSE	
3947398			PM	Inspection	0		ESA inspection @ Stratford WWTP 5529	CLOSE	
3949118			CORR	Predictive Maintenance	0		Clean out Flame Arresters in gas room	CLOSE	
3951077			CAP	Refurbish/Replace/Repair	0		Sludge Loading Valve Replacements	CLOSE	
3951704	0000278258	PUMP DIAPHRAGM 02 SODIUM BISULFITE	CORR	Refurbish/Replace/Repair	0		Replacing sodium bisulfate pumps 5529	CLOSE	
3952154			EMER	Predictive Maintenance	0		Clean Sludge Out of Gas Lines #5529	CLOSE	
3952161			CAP	Predictive Maintenance	0		Primary Digester Malfunction Troubleshoot and clean out	CLOSE	

3952618	0000160085	PANEL CONTROL PLC 300 BLOWER BLDG	CORR	Refurbish/Replace/Repair	0		Replaced faulty UPS in blower building PLC	CLOSE	
3957898	0000160537	AC SPLIT SYSTEM OUTDOOR UNIT ADMIN BLDG	PM	Refurbish/Replace/Repair	1	YEARS	Office Air Conditioning Unit Insp/Service (1y) 5529	COMP	6/1/24 12:00 AM
3957905	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	6/1/24 12:00 AM
3957907	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	PM	Refurbish/Replace/Repair	1	YEARS	Turbo Blower 301 Neuros Insp/Service (1y) 5529	CLOSE	6/1/24 12:00 AM
3957910			PM	Refurbish/Replace/Repair	1	YEARS	Sand Filter Insp/Service Route (1y) 5529	COMP	6/1/24 12:00 AM
3957910			PM	Refurbish/Replace/Repair	1	YEARS	Sand Filter Insp/Service Route (1y) 5529	COMP	6/1/24 12:00 AM
3957910			PM	Refurbish/Replace/Repair	1	YEARS	Sand Filter Insp/Service Route (1y) 5529	COMP	6/1/24 12:00 AM
3957910			PM	Refurbish/Replace/Repair	1	YEARS	Sand Filter Insp/Service Route (1y) 5529	COMP	6/1/24 12:00 AM
3957910			PM	Refurbish/Replace/Repair	1	YEARS	Sand Filter Insp/Service Route (1y) 5529	COMP	6/1/24 12:00 AM
3957913	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	6/1/24 12:00 AM
3957918	0000160252	PUMP CENT P203 DEWATERING	PM	Refurbish/Replace/Repair	1	YEARS	Primary Clarifier Dewatering Pump 203 Insp/Service (1y) 5529	COMP	6/1/24 12:00 AM
3957921	0000160192	PUMP SUBMERSIBLE 101 RAW SEWAGE	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sewage Pump 101 Insp/Service (1y) 5529	CLOSE	6/1/24 12:00 AM
3957930	0000160191	PUMP SUBMERSIBLE 102 RAW SEWAGE	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sewage Pump 102 Insp/Service (1y) 5529	CLOSE	6/1/24 12:00 AM

		102 RAW SEWAGE		ace/Repair			Insp/Service (1y) 5529		
3957939	0000160190	PUMP SUBMERSIBLE 103 RAW SEWAGE	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sewage Pump 103 Insp/Service (1y) 5529	CLOSE	6/1/24 12:00 AM
3958299	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	6/1/24 12:00 AM
3958304	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities	CLOSE	6/1/24 12:00 AM
3958309	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	COMP	6/1/24 12:00 AM
3958632	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	6/1/24 12:00 AM
3958874	0000278024	ANALYZER DO AERATION BLOWER BLDG	PM	Inspection	3	MONTHS	Aeration DO Analyzer Insp (1y) 5529	CLOSE	6/1/24 12:00 AM
3958926	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual a	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual and Policy Review (1y)	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual and Policy Review (1y)	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual and Policy Review (1y)	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual and Policy Review (1y)	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual and Policy Review (1y)	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and Safety	1	YEARS	OG110 OCWA`s H&S Manual and Policy Review (1y)	CLOSE	6/1/24 12:00 AM
3958934	356646	LAB Autoclave	PM	Health and	1	YEARS	OG110	CLOSE	6/1/24 12:00 AM
3958968	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	6/1/24 12:00 AM
3959113	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing	CLOSE	6/1/24 12:00 AM
3966382			PM	Inspection	6	MONTHS	Actuator Electric	COMP	6/1/24 12:00 AM
3966382			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382			PM	Inspection	6	MONTHS	Actuator Electric	COMP	6/1/24 12:00 AM
3966382			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service	COMP	6/1/24 12:00 AM
3966382			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM

					Route (6m/1y) 5529		
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM
3966382	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	6/1/24 12:00 AM

3976264	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER	PM	Refurbish/Replace/Repair	1	MONTHS	Methane Gas Compressor Insp/Service	CLOSE	6/1/24 12:00 AM
3976405			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	6/1/24 12:00 AM
3976405			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	6/1/24 12:00 AM
3976405			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	6/1/24 12:00 AM
3976405			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	6/1/24 12:00 AM
3976405			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	6/1/24 12:00 AM
3977178			PM	Refurbish/Replace/Repair	2	MONTHS	Primary/Secondary Digester Doghouse Valve Switch (2m) 5529	CLOSE	6/1/24 12:00 AM
3977498	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m) 5529	CLOSE	6/1/24 12:00 AM
3988937	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	6/1/24 12:00 AM
3988937	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	6/1/24 12:00 AM
3988937	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	CLOSE	6/1/24 12:00 AM
3988944	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	CLOSE	6/1/24 12:00 AM
4007608	0000278028	AHU AIR HANDLING	PM	Refurbish/Repl	1	MONTHS	Air Handling Unit Filter	CLOSE	7/1/24 12:00 AM
4007610	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	7/1/24 12:00 AM
4007615			PM	Refurbish/Replace/Repair	6	MONTHS	Peristaltic Pumps Ferrous Chloride Service (6m) 5529	COMP	7/1/24 12:00 AM
4007632	0000278021	PUMP PERISTALTIC	PM	Refurbish/Repl	0		0000278021 PUMP	COMP	7/1/24 12:00 AM
4007649	0000278235	PUMP PERISTALTIC CCP-302 FERROUS CHLORIDE DOSING BLOWER BLDG	PM	Refurbish/Replace/Repair	0		0000278235 PUMP PERISTALTIC FERROUS CHLORIDE PUMP #2	COMP	7/1/24 12:00 AM
4007666	356638	PUMP PERISTALTIC	PM	Refurbish/Repl	0		356638 PUMP	COMP	7/1/24 12:00 AM
4007666	356638	PUMP PERISTALTIC FERROUS CHLORIDE PUMP #3	PM	Refurbish/Replace/Repair	0		356638 PUMP PERISTALTIC FERROUS CHLORIDE PUMP #3	COMP	7/1/24 12:00 AM
4007860	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks Stratford Cluster (3m) 5529/1061/1259/6774/1	COMP	7/1/24 12:00 AM
4007860	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks Stratford Cluster (3m) 5529/1061/1259/6774/1	COMP	7/1/24 12:00 AM
4007860	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks Stratford Cluster (3m) 5529/1061/1259/6774/1142	COMP	7/1/24 12:00 AM
4007860	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks Stratford Cluster (3m) 5529/1061/1259/6774/1142	COMP	7/1/24 12:00 AM

4007860	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks Stratford Cluster (3m) 5529/1061/1259/6774/1	COMP	7/1/24 12:00 AM
4007860	356646	LAB Autoclave	PM	Inspection	3	MONTHS	Supervisor Spot Checks Stratford Cluster (3m) 5529/1061/1259/6774/1	COMP	7/1/24 12:00 AM
4007862	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	7/1/24 12:00 AM
4007867	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities	CLOSE	7/1/24 12:00 AM
4007872	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	COMP	7/1/24 12:00 AM
4008157	0000160037	ENGINE DIESEL	PM	Inspection	1	MONTHS	Diesel Generator	COMP	7/1/24 12:00 AM
4008176	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	COMP	7/1/24 12:00 AM
4008176	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	COMP	7/1/24 12:00 AM
4008176	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	COMP	7/1/24 12:00 AM
4008176	0000160129	GEAR DRIVE FINAL CLARIFIER 01	PM	Refurbish/Replace/Repair	6	MONTHS	Final Clarifier Route Insp/Service (6m/1y) 5529	COMP	7/1/24 12:00 AM
4008420	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	7/1/24 12:00 AM
4008449	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	7/1/24 12:00 AM
4008613	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing	CLOSE	7/1/24 12:00 AM
4023703	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service (1m/6m/1y) 5529	CLOSE	7/1/24 12:00 AM
4023930			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	7/1/24 12:00 AM
4023930			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	7/1/24 12:00 AM
4023930			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	7/1/24 12:00 AM
4023930			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	7/1/24 12:00 AM
4023930			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	7/1/24 12:00 AM
4024271			PM	Compliance	3	MONTHS	WSER Quarterly	CLOSE	7/1/24 12:00 AM
4024875	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m)	COMP	7/1/24 12:00 AM
4026048			PM	Inspection	3	MONTHS	Fleet Vehicle Maintenance Checks (3m)	COMP	7/1/24 12:00 AM
4037420	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	7/1/24 12:00 AM
4037420	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	7/1/24 12:00 AM
4037420	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	7/1/24 12:00 AM

							BANK 1A		
4037427	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	COMP	7/1/24 12:00 AM
4046242			PM	Refurbish/Repl	0		Aeration Cell 1 Clean	CLOSE	
4048242			CAP	Predictive Maintenance	0		Aeration Cell #1 Cleanout	CLOSE	
4048672	00002781710	SAMPLER OVERFLOW EVENT EQUALIZATION BUILDING	CORR	Refurbish/Replace/Repair	0		Trouble shot and fixed sampler 5529	CLOSE	
4048672	00002781710	SAMPLER OVERFLOW EVENT EQUALIZATION BUILDING	CORR	Refurbish/Replace/Repair	0		Trouble shot and fixed sampler 5529	CLOSE	
4049715			CAP	Inspection	0		Engineering Assessment of Primary Digester Roof	COMP	
4051367	0000278044	BOILER DIGESTER / NATURAL GAS BOILER RM	PM	Refurbish/Replace/Repair	1	YEARS	Third Party Digester Boiler Insp/Service (1y) 5529	CLOSE	7/27/24 12:00 AM
4051896			CAP	Inspection	0		Stratford Digester Scaffolding Installation-Repair Project	CLOSE	
4056660	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	8/1/24 12:00 AM
4056662	0000278045	BURNER WASTE GAS BOILER RM	PM	Refurbish/Replace/Repair	1	YEARS	Waste Burner Insp/Service (1y) 5529	CLOSE	8/1/24 12:00 AM
4056665	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	8/1/24 12:00 AM
4056884	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	8/1/24 12:00 AM
4056889	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m) 5529	CLOSE	8/1/24 12:00 AM
4056894	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	COMP	8/1/24 12:00 AM
4057221	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	CLOSE	8/1/24 12:00 AM
4057450	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	8/1/24 12:00 AM
4057479	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review	CLOSE	8/1/24 12:00 AM
4057638	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing	CLOSE	8/1/24 12:00 AM
4069114			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	8/1/24 12:00 AM
4069114			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	8/1/24 12:00 AM

4069114			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	8/1/24 12:00 AM
4069114			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	8/1/24 12:00 AM
4069114			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	CLOSE	8/1/24 12:00 AM
4071766	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service	CLOSE	8/1/24 12:00 AM
4071910			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	8/1/24 12:00 AM
4071910			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	8/1/24 12:00 AM
4071910			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	8/1/24 12:00 AM
4071910			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	8/1/24 12:00 AM
4071910			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	CLOSE	8/1/24 12:00 AM

4072205	356646	LAB Autoclave	PM	Compliance	3	MONTHS	MECP Overflow &	CLOSE	8/1/24 12:00 AM
4072371			PM	Refurbish/Replace/Repair	2	MONTHS	Primary/Secondary Digester Doghouse Valve Switch (2m) 5529	COMP	8/1/24 12:00 AM
4072624	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m)	COMP	8/1/24 12:00 AM
4083154	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	8/1/24 12:00 AM
4083154	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	8/1/24 12:00 AM
4083154	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	8/1/24 12:00 AM
4083161	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	COMP	8/1/24 12:00 AM
4091854			CORR	Refurbish/Replace/Repair	0		Fluid / Filter change, limit switch replacement on boom truck 5529	COMP	
4092289			CAP	Refurbish/Replace/Repair	0		Pressure Washing of the Primary Digester-Interior	CLOSE	
4095370	0000278044	BOILER DIGESTER / NATURAL GAS BOILER PM	CAP	Inspection	0		Annual Boiler Maintenance- Digester Boiler	COMP	
4096021			CORR	Refurbish/Repl	0		ferrous line cleanout	CLOSE	
4101410	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	CLOSE	9/1/24 12:00 AM
4101415	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	9/1/24 12:00 AM
4101630	356646	LAB Autoclave	PM	Inspection	1	YEARS	DO Probe Calibration (1y) 5529	COMP	9/1/24 12:00 AM
4101641	356646	LAB Autoclave	PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	9/1/24 12:00 AM
4101646	356646	LAB Autoclave	PM	Administrative	1	YEARS	Lab Accreditation Check (1y) 5529	CLOSE	9/1/24 12:00 AM
4101648	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m)	CLOSE	9/1/24 12:00 AM
4101653	356646	LAB Autoclave	OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	COMP	9/1/24 12:00 AM
4101998	0000160037	ENGINE DIESEL STANDBY GENERATOR	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m)	COMP	9/1/24 12:00 AM
4102017	0000160037	ENGINE DIESEL STANDBY GENERATOR	PM	Refurbish/Replace/Repair	1	YEARS	Engine Diesel Stratford Insp/Service (1y) 5529	COMP	9/1/24 12:00 AM
4102520	0000278024	ANALYZER DO AERATION BLOWER BLDG	PM	Inspection	3	MONTHS	Aeration DO Analyzer Insp (1y) 5529	CLOSE	9/1/24 12:00 AM
4102549	356646	LAB Autoclave	PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	CLOSE	9/1/24 12:00 AM
4102609	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 5529	CLOSE	9/1/24 12:00 AM

4102758	356646	LAB Autoclave	OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	CLOSE	9/1/24 12:00 AM
4108336	356646	LAB Autoclave	OPER	Compliance	1	YEARS	NPRI Report (1 year) 5529	CLOSE	9/1/24 12:00 AM
4115706			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	9/1/24 12:00 AM
4115706			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	9/1/24 12:00 AM
4115706			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	9/1/24 12:00 AM
4115706			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	9/1/24 12:00 AM
4115706			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	9/1/24 12:00 AM
4115792			PM	Refurbish/Replace/Repair	1	YEARS	Detritor Electric Heater Inspection Route (1y) 5529	COMP	9/1/24 12:00 AM
4115792			PM	Refurbish/Replace/Repair	1	YEARS	Detritor Electric Heater Inspection Route (1y) 5529	COMP	9/1/24 12:00 AM
4115792			PM	Refurbish/Replace/Repair	1	YEARS	Detritor Electric Heater Inspection Route (1y) 5529	COMP	9/1/24 12:00 AM
4118946	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service	CLOSE	9/1/24 12:00 AM
4119108			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	9/1/24 12:00 AM
4119108			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	9/1/24 12:00 AM
4119108			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	9/1/24 12:00 AM
4119108			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	9/1/24 12:00 AM
4119108			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	9/1/24 12:00 AM
4119369	0000278169	FILTER CARTRIDGE	PM	Inspection	1	MONTHS	Shop Boiler Water Filter	CLOSE	9/1/24 12:00 AM
4120130	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m)	COMP	9/1/24 12:00 AM
4131529	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	9/1/24 12:00 AM
4131529	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	9/1/24 12:00 AM

							BANK 1A		
4131529	336242	UV LIGHT BANK 1A	PM	Inspection	0		336242 UV LIGHT BANK 1A	COMP	9/1/24 12:00 AM
4131536	336243	UV LIGHT BANK 1B	PM	Inspection	0		336243 UV LIGHT BANK 1B	COMP	9/1/24 12:00 AM
4141302	0000160029	PANEL CONTROL FUEL TRANSFER PUMP GEN RM BLOWER BLDG	CORR	Refurbish/Replace/Repair	0		Trouble shot generator day tank not functioning properly	CLOSE	
4146106			PM	Refurbish/Replace/Repair	0		Water Circulation pump #2 Digester boiler	CLOSE	
4152244	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	COMP	10/1/24 12:00 AM
4152249	0000160515	METER FLOW METHANE GAS DIGESTER BUILDING	PM	Calibration	1	YEARS	Digester Gas Flowmeter Insp/Service (1y) 5529	COMP	10/1/24 12:00 AM
4152255	0000207018	METER LEVEL LIT-301 FERROUS CHLORIDE TANK 01 BLOWER BLDG	PM	Calibration	1	YEARS	Level Meter Lit 301 Chemical Insp/Service (1y) 5529	CLOSE	10/1/24 12:00 AM
4152260	0000207015	METER LEVEL LIT-302 FERROUS CHLORIDE TANK 02 BLOWER BLDG	PM	Calibration	1	YEARS	Level Meter Lit 302 Chemical Insp/Service (1y) 5529	CLOSE	10/1/24 12:00 AM
4152265	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	CLOSE	10/1/24 12:00 AM
4152448			PM	Inspection	3	MONTHS	Supervisor Spot Checks	COMP	10/1/24 12:00 AM
4152448			PM	Inspection	3	MONTHS	Supervisor Spot Checks	COMP	10/1/24 12:00 AM
4152448			PM	Inspection	3	MONTHS	Supervisor Spot Checks	COMP	10/1/24 12:00 AM
4152448			PM	Inspection	3	MONTHS	Supervisor Spot Checks	COMP	10/1/24 12:00 AM
4152448			PM	Inspection	3	MONTHS	Supervisor Spot Checks	COMP	10/1/24 12:00 AM
4152448			PM	Inspection	3	MONTHS	Supervisor Spot Checks	COMP	10/1/24 12:00 AM
4152450			PM	Inspection	1	MONTHS	PH Probe Insp/Calib	CLOSE	10/1/24 12:00 AM
4152455			OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m) 5529	COMP	10/1/24 12:00 AM
4152460			OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	COMP	10/1/24 12:00 AM
4152807	0000160037	ENGINE DIESEL STANDBY	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running	CLOSE	10/1/24 12:00 AM
4153032			PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	COMP	10/1/24 12:00 AM

4153071			OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 5529	COMP	10/1/24 12:00 AM
4153257			OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	COMP	10/1/24 12:00 AM
4158084	0000278100	MOTOR PROG CAV P201 RAW SLUDGE	PM	Refurbish/Replace/Repair	6	MONTHS	Raw Sludge Pump Motor Semi-Annual Inspection/Service (6m) 5529	COMP	10/1/24 12:00 AM
4165862			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	10/1/24 12:00 AM
4165862			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	10/1/24 12:00 AM
4165862			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	10/1/24 12:00 AM
4165862			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	10/1/24 12:00 AM
4165862			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	10/1/24 12:00 AM
4165876	0000278148	VALVE BACKFLOW	PM	Refurbish/Repl	1	YEARS	Third Party Annual	COMP	10/1/24 12:00 AM
4168711	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service (1m/6m/1y) 5529	CLOSE	10/1/24 12:00 AM
4169224			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	10/1/24 12:00 AM
4169224			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	10/1/24 12:00 AM
4169224			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	10/1/24 12:00 AM
4169224			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	10/1/24 12:00 AM

							INSPECTION/SERVICE ROUTE (1m) 5529		
4169224			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	10/1/24 12:00 AM
4169411	0000278169	FILTER CARTRIDGE HOT WATER MAINT SHOP	PM	Inspection	1	MONTHS	Shop Boiler Water Filter Cartridge Change (1m) 5529	COMP	10/1/24 12:00 AM
4169626			PM	Compliance	3	MONTHS	WSER Quarterly Reporting (3m) 5529	CLOSE	10/1/24 12:00 AM
4169807			PM	Refurbish/Replace/Repair	2	MONTHS	Primary/Secondary Digester Doghouse Valve Switch (2m) 5529	COMP	10/1/24 12:00 AM
4170238	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m)	COMP	10/1/24 12:00 AM
4171640			PM	Inspection	3	MONTHS	Fleet Vehicle Maintenance Checks (3m)	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Repl	6	MONTHS	Digester Building Valve	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Repl	6	MONTHS	Digester Building Valve	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Repl	6	MONTHS	Digester Building Valve	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Repl	6	MONTHS	Digester Building Valve	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising (6m) 5529	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM

4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331	PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM

4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4174331			PM	Refurbish/Replace/Repair	6	MONTHS	Digester Building Valve Semi-Annual Exercising	COMP	10/1/24 12:00 AM
4182269	0000156110	METER FLOW FIT-500 FINAL EFFLUENT	PM	Calibration	1	YEARS	Meter Flow FIT-500 Final Effluent Calibration/Service (1y) 5529	COMP	10/1/24 12:00 AM
4182272	0000160229	METER FLOW 140 EFFLUENT MAINTENANCE SHOP ELECTRICAL ROOM	PM	Calibration	1	YEARS	Meter Flow 140 Effluent manit. Shop Calib/Service (1y) 5529	COMP	10/1/24 12:00 AM
4182275	0000160515	METER FLOW METHANE GAS DIGESTER BUILDING	PM	Calibration	1	YEARS	Meter Flow Methane Gas Digester Bldg Calib/Service (1y) 5529	COMP	10/1/24 12:00 AM
4182278	0000207004	METER FLOW FIT-130 MAIN PLANT FLOW	PM	Calibration	1	YEARS	Meter Flow FIT-130 Main Plant Calibration/Service (1y) 5529	COMP	10/1/24 12:00 AM
4182281	0000207005	METER FLOW FIT-120 PLANT BYPASS CCT BLDG	PM	Calibration	1	YEARS	Meter Flow Overflow Equalization Bldg Calib/Service(1y) 5529	COMP	10/1/24 12:00 AM
4182284	0000207013	METER FLOW 200 RAW SLUDGE	PM	Calibration	1	YEARS	Meter Flow 200 Raw Sludge Calibration/Service (1y)	COMP	10/1/24 12:00 AM
4182287	0000207017	METER FLOW FIT-400 WAS SLUDGE RM BLOWER BLDG	PM	Calibration	1	YEARS	Meter Flow FIT-400 WAS RAS Room Calibration/Service (1y)	COMP	10/1/24 12:00 AM
4182290	0000278156	METER FLOW FIT-410 RAS SLUDGE RM BLOWER BLDG	PM	Calibration	1	YEARS	Meter Flow FIT-410 RAS Bldg Calibration/Service (1y)	COMP	10/1/24 12:00 AM
4182293	0000278215	METER FLOW FIT-140 PRIMARY EFFLUENT TO AERATION INLET	PM	Calibration	1	YEARS	Meter Flow FIT-140 Primary Effluent Calib/Service (1y) 5529	COMP	10/1/24 12:00 AM
4182296	0000278163	METER FLOW FE 802 HAULED SLUDGE	PM	Calibration	1	YEARS	Meter Flow FE-802 Hauled Sludge Calibrations (1y) 5529	COMP	10/1/24 12:00 AM
4182299	0000278185	METER FLOW SLUDGE HAULING DOGHOUSE	PM	Calibration	1	YEARS	Meter Flow Sludge Hauling Doghouse Calibrations (1y) 5529	COMP	10/1/24 12:00 AM
4182492			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	10/1/24 12:00 AM
4182492			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	10/1/24 12:00 AM
4192124			CORR	Refurbish/Replace/Repair	0		fixed missing bench grinder eye guards 5529	CLOSE	
4196822	0000160325	FAN EXHAUST MAINTENANCE SHOP	CORR	Refurbish/Replace/Repair	0		Replaced faulty exhaust fan in garage 5529	CLOSE	
4197030			ADMIN	Inspection	0		Stratford, Black Creek, St Pauls ESA Inspections	CLOSE	
4197324	0000396974	FAN EXHAUST 310 CHEMICAL RM ROOF BLOWER BLDG	CORR	Refurbish/Replace/Repair	0		faulty exhaust fan with disintegrated impeller rebuild 5529	CLOSE	

4201716	0000278028	AHU AIR HANDLING UNIT HVAC SYS INLET BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Air Handling Unit Filter Change/Inspection (1m) 5529	COMP	11/1/24 12:00 AM
4201718	0000160241	ANALYZER 01 GAS TRI DETECTOR SHOP ELECTRICAL ROOM	PM	Inspection	6	MONTHS	Third-Party Gas Detector Group Insp/Calib (6m) 5529	COMP	11/1/24 12:00 AM
4201718	0000160241	ANALYZER 01 GAS TRI DETECTOR SHOP ELECTRICAL ROOM	PM	Inspection	6	MONTHS	Third-Party Gas Detector Group Insp/Calib (6m) 5529	COMP	11/1/24 12:00 AM
4201718	0000160241	ANALYZER 01 GAS TRI DETECTOR SHOP ELECTRICAL ROOM	PM	Inspection	6	MONTHS	Third-Party Gas Detector Group Insp/Calib (6m) 5529	COMP	11/1/24 12:00 AM
4201721	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	COMP	11/1/24 12:00 AM
4201726	0000160311	PUMP GRINDER GDR-201 RAW SLUDGE BASEMENT	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sludge Grinder 201 Insp/Service (1y) 5529	COMP	11/1/24 12:00 AM
4201727	0000160313	PUMP CENT 202 GRINDER SLUDGE	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sludge Grinder 202 Insp/Service (1y) 5529	COMP	11/1/24 12:00 AM
4201883			PM	Inspection	1	MONTHS	PH Probe Insp/Calib (1m) 5529	COMP	11/1/24 12:00 AM
4201888			OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m) 5529	COMP	12/3/24 12:00 AM
4201893			OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	COMP	11/1/24 12:00 AM
4202507	0000278077	PUMP SUBMERSIBLE 104 RAW SEWAGE	PM	Refurbish/Replace/Repair	6	MONTHS	Raw Sewage Pump 104 Insp/Service (6m/1y/5y) 5529	COMP	11/1/24 12:00 AM
4202508			PM	Compliance	1	YEARS	OG35 FEP Review (1y) 5529	COMP	11/1/24 12:00 AM
4202543			PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	COMP	11/1/24 12:00 AM
4202586			OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 5529	COMP	11/1/24 12:00 AM
4202756			OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	COMP	11/1/24 12:00 AM
4207120	0000278101	PUMP PROG CAV P-201 PRIMARY SLUDGE BASEMENT	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sludge Pump P201 Insp/Service (1y) 5529	COMP	11/1/24 12:00 AM
4213607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	11/1/24 12:00 AM

4213607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	11/1/24 12:00 AM
4213607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	11/1/24 12:00 AM
4213607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	11/1/24 12:00 AM
4213607			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	11/1/24 12:00 AM
4213682	0000278114	PUMP PROG CAV P-202 PRIMARY SLUDGE BASEMENT	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sludge Pump P202 Sludge Insp/Service (1y) 5529	COMP	11/1/24 12:00 AM
4215620	0000070305	COMPRESSOR GAS PRIMARY DIGESTER METHANE BOOSTER GAS PUMP RM	PM	Inspection	1	MONTHS	Methane Gas Compressor Insp/Service (1m/6m/1y) 5529	COMP	11/1/24 12:00 AM
4215786			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	11/1/24 12:00 AM
4215786			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	11/1/24 12:00 AM

4215786			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	11/1/24 12:00 AM
4215786			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	11/1/24 12:00 AM
4215786			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	11/1/24 12:00 AM
4216266	0000278169	FILTER CARTRIDGE HOT WATER MAINT SHOP	PM	Inspection	1	MONTHS	Shop Boiler Water Filter Cartridge Change (1m) 5529	COMP	11/1/24 12:00 AM
4216419			PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary Report (3m) 5529	COMP	11/1/24 12:00 AM
4216851	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m)	COMP	11/1/24 12:00 AM
4226598			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	11/1/24 12:00 AM
4226598			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	11/1/24 12:00 AM
4237019			CAP	Refurbish/Replace/Repair	0		Valve Replacements-Install	COMP	
4243654	0000160345	PANEL ALARM/DIALER MAIN OFFICE	PM	Inspection	1	MONTHS	Alarm Dialer Testing (1m) 5529	COMP	12/1/24 12:00 AM
4243816			PM	Inspection	1	MONTHS	PH Probe Insp/Calib (1m) 5529	BUSCOMP	12/1/24 12:00 AM

4243821			OPER	Inspection	1	MONTHS	Daily O&M Activities Stratford WWTP (1m) 5529	COMP	12/1/24 12:00 AM
4243826			OPER	Inspection	1	MONTHS	TPM Insp/Maint Stratford WWTP (1m) 5529	BUSCOMP	12/1/24 12:00 AM
4244195	0000160037	ENGINE DIESEL STANDBY GENERATOR BLOWER BLDG	PM	Inspection	1	MONTHS	Diesel Generator Monthly Running Checks Insp/Test (1m) 5529	COMP	12/1/24 12:00 AM
4244417	0000278024	ANALYZER DO AERATION BLOWER BLDG	PM	Inspection	3	MONTHS	Aeration DO Analyzer Insp (1y) 5529	COMP	12/1/24 12:00 AM
4244428			PM	Health and Safety	1	YEARS	Confined Space Hazard Assessment Review	COMP	12/1/24 12:00 AM
4244428			PM	Health and	1	YEARS	Confined Space Hazard	COMP	12/1/24 12:00 AM
4244428			PM	Health and Safety	1	YEARS	Confined Space Hazard Assessment Review	COMP	12/1/24 12:00 AM
4244428			PM	Health and Safety	1	YEARS	Confined Space Hazard Assessment Review	COMP	12/1/24 12:00 AM
4244428			PM	Health and Safety	1	YEARS	Confined Space Hazard Assessment Review	COMP	12/1/24 12:00 AM
4244428			PM	Health and Safety	1	YEARS	Confined Space Hazard Assessment Review	COMP	12/1/24 12:00 AM
4244428			PM	Health and	1	YEARS	Confined Space Hazard	COMP	12/1/24 12:00 AM
4244428			PM	Health and Safety	1	YEARS	Confined Space Hazard Assessment Review	COMP	12/1/24 12:00 AM
4244448			PM	Health and Safety	1	MONTHS	OG15 Facility OHSA Inspection (1m) 5529	COMP	12/1/24 12:00 AM
4244493			OPER	Compliance	1	MONTHS	WISKI Data Review (1m) 5529	COMP	12/1/24 12:00 AM
4244633			OPER	Compliance	1	MONTHS	Sampling and Testing (1m) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM

4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258	PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM

4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4250258			PM	Inspection	6	MONTHS	Actuator Electric Inspection/Service Route (6m/1y) 5529	COMP	12/1/24 12:00 AM
4255786			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	12/1/24 12:00 AM
4255786			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	12/1/24 12:00 AM
4255786			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	12/1/24 12:00 AM
4255786			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	12/1/24 12:00 AM
4255786			PM	Refurbish/Replace/Repair	1	MONTHS	Primary Clarifier Insp/Service Route (1m/1y) 5529	COMP	12/1/24 12:00 AM
4255831	0000278115	SAMPLER AUTOMATIC RAW	PM	Refurbish/Replace/Repair	1	YEARS	Raw Sewage Auto Sampler Annual	COMP	12/1/24 12:00 AM
4257927			PM	Inspection	1	MONTHS	BAR SCREEN	COMP	12/1/24 12:00 AM

							INSPECTION/SERVICE ROUTE (1m) 5529		
4257927			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	12/1/24 12:00 AM
4257927			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	12/1/24 12:00 AM
4257927			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	12/1/24 12:00 AM
4257927			PM	Inspection	1	MONTHS	BAR SCREEN INSPECTION/SERVICE ROUTE (1m) 5529	COMP	12/1/24 12:00 AM
4258115	0000278169	FILTER CARTRIDGE HOT WATER MAINT SHOP	PM	Inspection	1	MONTHS	Shop Boiler Water Filter Cartridge Change (1m) 5529	COMP	12/1/24 12:00 AM
4258674	0000278081	BLOWER CENTRIFUGAL B-301 TURBO AERATION BLOWER BLDG	PM	Refurbish/Replace/Repair	1	MONTHS	Turbo Blower Monthly Intake Filter Replacements (1m) 5529	COMP	12/1/24 12:00 AM
4276508	0000356646	LAB FURNACE HEAT TREATING ADMIN BLDG	OPER	Refurbish/Replace/Repair	0		Replacement of Muffle Furnace- Stratford.	COMP	
4278529			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	12/12/24 12:00 AM
4278529			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	12/12/24 12:00 AM
4278529			PM	Inspection	1	MONTHS	UV Light Insp/Clean/Service Route (1m) 5529	COMP	12/12/24 12:00 AM
4278871			PM	Compliance	1	YEARS	Sampling Calendar Review (1y) 5529	COMP	12/15/24 12:00 AM
4279351			EMER	Refurbish/Replace/Repair	0		Lift Station Network Communication Loss 5529	COMP	

Appendix D

Calibration Reports

(Appendices can be provided upon request to Clerk's Office)

Pierce Services
& Solutions Inc.

519.820.4853 Fax 519.824.9402

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Flow Transmitter

Assigned Number: FIT 200

Area Located: Stratford

Asset Number: 0000207013

Instrument Data

Manufacturer: ABB

Model Number: FET325-1AOP1B3CO

Type: Mag Meter

Serial Number: 240111976/Y073

Range: 0-50 l/s

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

Input %	Input	Theoretical	As Found	Pass/Fail
0	0	0.00 l/s	0.00 l/s	
10	10	5.00 l/s	5.00 l/s	Pass
20	20	10 l/s	10.00 l/s	Pass
15.25	8.23 l/s	8.23 l/s	8.23 l/s	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Verification of Original Calibration Only

SP =79
REF=62790
SM=33116
SM=35137
AMP=8
DCc=0
EV1=0mV
EV2=0mV

Checked By: Greg Pierce CCST

Signature:

Pierce Services
& Solutions Inc.

519.820.4853

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Flow Transmitter

Assigned Number: FIT 410

Area Located: Stratford

AMMS Number: 0000278156

Instrument Data

Manufacturer: Endress & Hauser

Model Number: 5W4C6H-53A9/0

Type: Mag

Serial Number: N4097C16000

Range: 0-1750 M3/HR

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
0	4.00 mA	0.00 m3/hr	0.00 l/s	Pass
25	8.00 mA	437.5 m3/hr	437.5 m3/hr	Pass
53	12.48 mA	927.56 m3/hr	927.56 m3/hr	Pass
75	16.00 mA	1312.5 m3/hr	1312.5 m3/hr	Pass
100	20.00 mA	1750 m3/hr	1750 m3/hr	Pass
52.8	12.44 mA	929.27 m3/hr	923.37 m3/hr	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Verification of orginal calibration only

20"

Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

519.820.4853

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Hand Held Turbidimeter

Assigned Number: HH 8

Area Located: Stratford

Asset Number:000336246

Instrument Data

Manufacturer: Hach

Model Number: 2100 Q

Part Number: LPG 439.01.00002

Serial Number: 23090D000614

Range: 0 - 8.00 NTU

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Water

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
	0.1 NTU	0.1 NTU	0.1 NTU	
	20 NTU	19.8 NTU	20.1 NTU	
	100 NTU	99.4 NTU	100.1 NTU	
	800 NTU	798 NTU	800 NTU	
	10.0 NTU	10.1 NTU	10.1 NTU	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Equipment in good shape, No issues

Checked By: Greg Pierce CCST

Signature:

Pierce Services
& Solutions Inc.

519.820.4853

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Hand Held Chlorine Analyzer

Assigned Number: 5

Area Located: Stratford

Asset Number: 0000278076

Instrument Data

Manufacturer: Hach

Model Number: DR 300

Part Number: LG 445.99.00000

Serial Number: 22020 B001988

Range: 0 - 5.00 mg/l

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Water

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
	0.00 mg/l	0.00 mg/l	0.00 mg/l	
	0.22 mg/l	0.22 mg/l	0.22 mg/l	Pass
	1.65 mg/l	1.65 mg/l	1.65 mg/l	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Equipment in good shape, No issues

Checked By: Greg Pierce CCST

Signature:

Pierce Services
& Solutions Inc.

519.820.4853 Fax 519.824.9402

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: DO Probe

Assigned Number: 2

Area Located: Stratford

Asset Number: 000278164

Instrument Data

Manufacturer: Hach

Model Number: HQ40d

Part Number: HQ40d

Serial Number: 110600055966

Range: 0 - 14

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
	4.01	4.14	4.01	Pass
	7	6.79	7.01	Pass
	10.02	9.49	10.01	Pass
	9.10mg/l	9.10 mg/l	9.10 mg/l	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Equipment in good shape, No issues

Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

519.824.4853

Instrument Verification Sheet

Client Name: OCWA Stratford

Date: October 28, 2024

Equipment Description: Differential Pressure Transmitter

Assigned Number: FIT 101

Area Located: Stratford WPCP Digester Gas Room

Drawing Number: N/A

Instrument Data

Manufacturer: Fischer Porter

Model Number: 2408-30B-211

Type: Differential Pressure

Serial Number: 87A 1287

Range: 3 in - 20 in WTR

Accuracy: +/- 5%

Method Of Calibration: Fluke 719

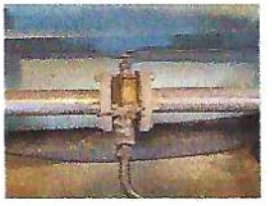
Application: Methane Gas

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
		PSI .31 low		Pass
		PSI .59 High	520 w3/day	Pass
0%	4.00 mA	4.00 mA	4 mA	
100%	20.00 mA	20.00 mA	20 mA	
0.60%	Actual	4.61 mA	4.61 mA	Pass

Confirmed Run Mode: ✓

Comments:



Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

Instrument Verification Sheet

519-824-4853

Client Name: OCWA Stratford

Date: October 28, 2024

Equipment Description: Flow Meter

Assigned Number: FIT 802

Area Located: Stratford WPCP Sludge Pump Room

Drawing Number: N/A

Instrument Data

Manufacturer: ABB

Model Number: FEW 315150H1S1A1B1A1A0P1B3A1

Type: Mag Meter 6"

Serial Number: 3K620000239452

Range: 0 - 80 l/s

Accuracy: +/- 1%

Method Of Calibration: Standard Verification

Application: Sludge

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
0%	0 mA	0 l/s	0 l/s	Pass
25%	8 mA	20 l/s	20 l/s	Pass
50%	12 mA	40 l/s	40 l/s	Pass
75%	16 mA	60 l/s	60 l/s	Pass
100%	20 mA	80 l/s	80 l/s	Pass

Confirmed Run Mode: ✓

Comments:

No Alarms
No Flow, Electrical Calibration Only

E1 - 15.54 KΩ
E2 - 0.42 KΩ
E1 - 0.308 √
E2 - 0.275 √

E12 - 0.033 √
CD1 - 179.93 mA
CD2 - 33.87 Ω

Signature: _____
Greg Pierce, CCST

Pierce Services & Solutions Inc.

Instrument Verification Sheet

519-820-4853

Client Name: OCWA Stratford

Date: October 28, 2024

Equipment Description: Sludge Room

Assigned Number: FIT 801

Area Located: Stratford WPCP Dog House Day Bed

Drawing Number: N/A

Instrument Data

Manufacturer: Krohne

Model Number: Enviro Mag 2100 C

Type: Mag Meter 6"

Serial Number: C18503459

Range: 0 - 63.09 l/s

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Sludge

Calibration Data

Input %	Input	As Found	As Left	Pass/Fail
0%	4 mA	0 l/s	0 l/s	
25%	8 mA	15.77 l/s	15.77 l/s	
50%	12 mA	31.55 l/s	31.55 l/s	
75%	16 mA	47.32 l/s	47.32 l/s	
100%	20 mA	63.09 l/s	63.09 l/s	

Confirmed Run Mode: ✓

Comments:

NO FLOW, ELECTRICAL CALIBRATION ONLY

Coil Temp 222.5 F
Electrical Temp - 6.5 F
Continuity .219 ms/cm
Coil Resistance 80.5 0hm

Signature:

Greg Pierce, CCST

Pierce Services & Solutions Inc.

519.820.4853

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Flow Transmitter

Assigned Number: FIT 140

Area Located: Stratford

Asset Number: 0000160229

Instrument Data

Manufacturer: ABB

Model Number: FEW325500K1D4A1B1A1A3P2B3A1

Type: Mag 600 mm

Serial Number: 3K672525091446

Range: 0-4100 m3/hr

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

Input %	Input	Theroetical	As Found	Pass/Fail
0	4.00 mA	0.00 m3/hr	0.00 m3/hr	Pass
25	8.00 mA	1025 m3/hr	1025 m3/hr	Pass
50	12.00 mA	2050 m3/hr	2050 m3/hr	Pass
75	16.00 mA	3075 m3/hr	3075 m3/hr	Pass
100	20.00 mA	4100 m3/hr	4100 m3/hr	Pass
17.91	6.866 m3/hr	734.39 m3/hr	734.39 m3/hr	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Verification of orginal calibration only

V - 1.0058
E1 -0.16 kΩ
E2 - 0.16 kΩ
E1 -0.001 V
E2 - -0.001 V
E12 - -0.046 V
CDI - 179.92 mA
CDR - 47.85 Ω

Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

519.820.4853

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Flow Transmitter

Assigned Number: FIT 502

Area Located: Stratford

Asset Number: 0000156110

Instrument Data

Manufacturer: Siemens

Model Number: LUT 400
Serial Number: PBD-R3014000

Type: Ultrasonic

Flume/Weir Type: sharp Crested Multi Weir

Range: 0-1300 m3/hr

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

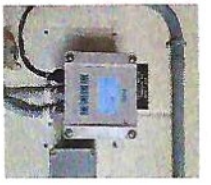
Input %	Input	Theoretical	As Found	Pass/Fail
0	0.0 cm	0.00 l/s	0.00 l/s	
	1 cm	67.5 l/s	67.58 l/s	Pass
	1.5 cm	124.00 l/s	124.48 l/s	Pass
	2 cm	190.92 l/s	191.16 l/s	Pass
	2.5 cm	266.82 l/s	267.32 l/s	Pass
	3.8 cm	500 l/s	500 l/s	Pass
	2.2 cm	201 l/s	201 l/s	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Confirmed with Isco Open Channel Flow

Handbook (sixth edition)



Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

Alphabetical Parameter Listing Milltronics LUT 420

Tag # Effluent Flow
Date: October 28, 2024

Parameter #	Parameter Description	Parameter Value	Value Description	Relay #
P001	Operation	1	Level measurement	
P002	Material	1	Liquid surface	
P003	Process Speed	2	Medium (1m/min)	
P004	Transducer	104	XPS 10	
P005	Units	1	Meters	
P006	Empty	4.87	Transducer to base	
P007	Span	4.6	Maximum reading	
P065	Reading Override Value	5.00	Relay Value Inserted	
P111	Pump Fixed Duty Setting	1	Pump Fixed Duty Setting	1
P112	Relay on Level		Meters	1
P113	Relay off Level		Meters	1
P309	Run Time		Hours	1
P111	Pump Fixed Duty Setting		Pump Fixed Duty Setting	2
P112	Relay on Level		Meters	2
P113	Relay off Level		Meters	2
P309	Run Time		Hours	2
P111	Pump Fixed Duty Setting		Pump Fixed Duty Setting	3
P112	Relay on Level		Meters	3
P113	Relay off Level		Meters	3
P309	Run Time		Hours	3
P111	Loss of Echo			4
P112	Relay on Level		Meters	4
P113	Relay off Level		Meters	4
P309	Run Time		Hours	4
P111	Loss of Echo			5
P112	Relay on Level			5
P113	Relay off Level			5
P309	Run Time			5
P340	Date of Manufacture	9:10:22		
P341	Run Time	804		
P342	Start Ups	69		
P650	Offset Calibration			
P651	Sound Calibration			
P652	Offset Correction			
P653	Velosity	335.206	Highest Temp	21.5
P654	Velosity at 20 C	344.1	Lowest Temp	2.3
P660	Temperature Source Fixed	1		
P791	Bus Error Count	8		
P802	Transducer Submergence	0		
3281	Max Temp	21.5		
3282	Min Temp	2.3		
	%	81.00%		
	Echo	79		
	Temp	18.4		
	mA	11.41		
	Level	22 mm		

Site Location: Stratford WWTP Effluent Flow LUT 420

Pierce Services
& Solutions Inc.

519.820.4853 Fax 519.824.9402

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Flow Transmitter

Assigned Number: FIT 130

Area Located: Stratford

Asset Number: 000207004

Instrument Data

Manufacturer: Siemens

Model Number: OCM III

Type: Ultrasonic

Flume/Weir Type: Sharp Crested 6m

Range: 0-1771.0 m3/hr

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

Input %	Input	Theoretical	As Found	Pass/Fail
0	0.0 cm	0.00 l/s	0.00 l/s	
	3 cm	206.248 m3/hr	206.248 m3/hr	Pass
	6 cm	583.358 m3/hr	583.358 m3/hr	Pass
	9 cm	1071.70 m3/hr	1071.70 m3/hr	Pass
	12 cm	1612.00 m3/hr	1649.48 m3/hr	Pass
30.9	5.27 cm	548.15 m3/hr	548.15 m3/hr	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Confirmed with Isco Open Channel Flow

Handbook (sixth edition)

Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

Alphabetical Parameter Listing OCM III

Tag # Influent Flow FIT 130

Date: October 28, 2024

#	Parameter	Value	#	Parameter	Value
P0	Language	0	D0	Head	5.27
P1	Dimensional Units	0	D1	Flow Rate	548.56
P2	Temperature Units	0	D2	Short Total	29288.16
P3	Primary Element	0	D3	Maximum Flow Rate	4004.5
P4	Method of Calculation	1	D4	Minimum Flow Rate	69.50434
P5	Flow Rate Units	6	D5	Temperature	9
P6	Flow at Maximum Head	1771	D6	Maximum Temperature	25.36
P7	Height of Maximum Head	12.57979	D7	Minimum Temperature	-5.00
P8	Volts in at Zero Velocity	-	D8	Velocity	-
P9	Velocity at 5 Volts In	-	D9	Nominal Target Range	84
P10	Velocity at maximum flow	-	D10	Analog Milliamps	8.35
P13	Display Damping	0	D11	Internal DC Volts	29.99
P14	Display Lighting	0	D12	Velocity Volts	-
P15	Relay 1 Assignment	0	D13	Auxiliary Input Volts	0.00
P16	Relay 1 High Set Point	-	D14	Temperature Sensor Ohms	11033
P17	Relay 1 Low Set Point	-	D15	Self-test Checksum	0000H
P18	Relay 2 Assignment	0	D16	Restarts	1013
P19	Relay 2 High Set Point	-	D17	Exceptions	0
P20	Relay 2 Low Set Point	-	D18	Valid Echoes per 100	100
P21	Relay 3 Assignment	0			
P22	Relay 3 High Set Point	-			
P23	Relay 3 Low Set Point	-			
P24	mA assignment	0	F2	Run Mode l/s	0.00
P25	If Custom mA, 20 mA =?	-		Total X 1000	
P26	mA Span	0	F6	Software Identification Number	
P27	mA Damping	10	F7	View Min/Max Data	
P28	mA Options	0		Max Flow	4004.3
P29	Fail-safe Time	60		Time	03:13:21
P30	Fail-safe Analog Mode	0		Date	2026-02-24
P31	Fail-safe Analog mA	0		Min Flow	6.05
P32	Totalizer Multiplier	3		Time	07:57:33
P33	Flow Rate Display	1		Date	23-05-24
P34	Printer Mode	0		Max Temperature	25.36
P35	Printer Timing	-		Time	13:20:26
P36	Measurement Interval	0		Date	2001-08-24
P37	Serial Data Rate	5		Min Temperature	-4.99
P38	Site Number	0		Time	22:46:06
P39	Data Logging Rate	2		Date	19-01-24
P40	Log Rapid Set point	-	F8	Reset Min/Max Data	Yes
P41	Log Normal Set point	-			
P42	Head Determination	0			
P43	Volts in For Zero Head	-			
P44	Head at 5 Volts In	-			
P45	Low Flow Cut-off Head	0			
P46	Range at Zero Head	89.36641			
P47	Blanking Distance	30.48264			
U0	Exponent	1.5			

Site Location: Stratford WPCP

Cal_Oct2824_Stratford 3_Influent FIT 130

Pierce Services
& Solutions Inc.

519.820.4853 Fax 519.824.9402

Instrument Verification Sheet

Client Name: Ontario Clean Water Agency

Date: October 28, 2024

Equipment Description: Flow Transmitter

Assigned Number: FIT Bypass

Area Located: Stratford

Asset Number: 0000207205

Instrument Data

Manufacturer: Siemens

Model Number: OCM III
Serial Number: PDB/V130175

Type: Ultrasonic

Flume/Weir Type: Rectangular Weir
With End Contractions

Range: 0-15633 l/s

Accuracy: +/- 5%

Method Of Calibration: Standard Verification

Application: Waste Water

Calibration Data

Input %	Input	Theoretical	As Found	Pass/Fail
0	0.0 cm	0.00 l/s	0.00 l/s	
	5 cm	1365.3 l/s	1365.367 l/s	Pass
	10 cm	3861.9 l/s	3861.842 l/s	Pass
	15 cm	7094.7 l/s	7094.657 l/s	Pass
	20 cm	10922.9 l/s	10922.93 l/s	Pass
	25 cm	15265.3 l/s	15265.27 l/s	Pass

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:
Confirmed with Isco Open Channel Flow

Handbook (sixth edition)

Checked By: Greg Pierce CCST

Signature:

Pierce Services & Solutions Inc.

Alphabetical Parameter Listing OCM III

Tag # Bypass Flow

Date: October 28, 2024

#	Parameter	Value	#	Parameter	Value
P0	Language	0	D0	Head	-364.80
P1	Dimensional Units	0	D1	Flow Rate	0
P2	Temperature Units	0	D2	Short Total	736024
P3	Primary Element	0	D3	Maximum Flow Rate	28626.53
P4	Method of Calculation	1	D4	Minimum Flow Rate	0
P5	Flow Rate Units	6	D5	Temperature	10.53
P6	Flow at Maximum Head	15633.09	D6	Maximum Temperature	100.89
P7	Height of Maximum Head	25.39999	D7	Minimum Temperature	-9.83
P8	Volts in at Zero Velocity	-	D8	Velocity	-
P9	Velocity at 5 Volts In	-	D9	Nominal Target Range	485
P10	Velocity at maximum flow	-	D10	Analog Milliamps	4.00
P13	Display Damping	0	D11	Internal DC Volts	29.99
P14	Display Lighting	0	D12	Velocity Volts	-
P15	Relay 1 Assignment	0	D13	Auxiliary Input Volts	0.01
P16	Relay 1 High Set Point	-	D14	Temperature Sensor Ohms	10839
P17	Relay 1 Low Set Point	-	D15	Self-test Checksum	0000H
P18	Relay 2 Assignment	0	D16	Restarts	719
P19	Relay 2 High Set Point	-	D17	Exceptions	0
P20	Relay 2 Low Set Point	-	D18	Valid Echoes per 100	32
P21	Relay 3 Assignment	0			
P22	Relay 3 High Set Point	-			
P23	Relay 3 Low Set Point	-			
P24	mA assignment	0	F2	Run Mode l/s	0.00
P25	If Custom mA, 20 mA =?	-		Total X 1000	
P26	mA Span	0	F6	Software Identification Number	
P27	mA Damping	10	F7	View Min/Max Data	
P28	mA Options	0		Max Flow	28626.53
P29	Fail-safe Time	60		Time	7:42:36
P30	Fail-safe Analog Mode	0		Date	03-02-23
P31	Fail-safe Analog mA	0		Min Flow	0
P32	Totalizer Multiplier	3		Time	7:03:03
P33	Flow Rate Display	2		Date	03-11-22
P34	Printer Mode	0		Max Temperature	100.88
P35	Printer Timing	-		Time	10:59:02
P36	Measurement Interval	0		Date	02-06-23
P37	Serial Data Rate	5		Min Temperature	-9.92
P38	Site Number	0		Time	21:26:45
P39	Data Logging Rate	2		Date	21:03:24
P40	Log Rapid Set point	-	F8	Reset Min/Max Data	Yes
P41	Log Normal Set point	-			
P42	Head Determination	0			
P43	Volts in For Zero Head	-			
P44	Head at 5 Volts In	-			
P45	Low Flow Cut-off Head	0			
P46	Range at Zero Head	118.745			
P47	Blanking Distance	61.01694			
U0	Exponent	1.522			

Site Location: Stratford WPCP

Cal_Oct2824_Stratford 2_Bypass Flow

Cancoppas LIMITED
2595 Dunwin Drive, Unit#2, Mississauga, ON, L5L 3N9
Phone: 905-569-6246 Fax: 905-569-6244 Toll Free: 1800-595-0514

SERVICE | *field calibration certificate/ report*

CERTIFICATE NUMBER: 10242024-1

CUSTOMER	*OCWA Stratford WWTP*
ADRESS | PHONE	*701 West Gore St. Stratford Ont. N5A-1L4 (519)271-9071*
REQUESTED BY	*Jeremy Schutt*

VISUAL AND FUNCTIONAL INSPECTION

Visual Inspection – Sensors, enclosures, connections, display, switches, pushbuttons, nameplates, tags are to be checked for its presence, physical integrity, cleanliness, readability and adequacy of installation
Functional Inspection – Switches, pushbuttons, display, signal integrity, response to process variable and response to calibration standards are to be checked for functionality, response within manufacturer's and end-user specifications

The sensors were cleaned and the analyzer calibrated.

CALIBRATION DATA

PASS/FAIL CRITERIA +/- 0.3 ppm O_2

AYSIX MODEL MPA48 D.O. ANALYZER S/N 48A1239

STANDARD	0.00 PPM	9.5PPM @ 18.0°C	0.00PPM	9.5PPM @ 18.0°C
Plant 1		**AS FOUND**		**AS LEFT**
PROBE 1 S/N 10S6021 D.O.	0.00	9.4	0.00	9.5
DELTA	0.00	0.1	0	0
PASS/FAIL/COMMENTS	PASS	PASS	PASS	PASS
STANDARD	0.00 PPM	9.5PPM @ 18.4°C	0.00PPM	9.5PPM @ 18.4°C
		AS FOUND		**AS LEFT**
PROBE 2 S/N 10S6196 DO	0.00	9.2	0.00	9.5
DELTA	0.00	0.3	0	0
PASS/FAIL/COMMENTS	PASS	PASS	PASS	PASS
STANDARD	0.00 PPM	9.4PPM @ 18.6°C	0.00PPM	9.4PPM @ 18.6°C
		AS FOUND		**AS LEFT**
PROBE 2 S/N 10S6198 DO	0.00	13.1	0.00	9.4
DELTA	0.00	3.7	0	0
PASS/FAIL/COMMENTS	PASS	FAIL	PASS	PASS
STANDARD	0.00 PPM	9.4PPM @ 18.7°C	0.00PPM	9.4PPM @ 18.7°C
		AS FOUND		**AS LEFT**
PROBE 2 S/N 10S10058 DO	0.20	9.1	0.00	9.4
DELTA	0.20	0.3	0	0
PASS/FAIL/COMMENTS	PASS	PASS	PASS	PASS

REFERENCE STANDARDS

Zero solution - solution of water saturated with sodium sulfite.
Span solution – Oxygen saturated clean water.

	PRINT NAME	SIGNATURE	DATE
PERFORMED BY	James Griffin		October 24 2024

Next calibration due October 2025

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4000-0000 MSA ULTIMA X LEL
Serial Number: 104-1667488-20-001
Calibration Date: Dec 23 2024 9:00AM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 122795

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	47.0	LEL Methane (CH4) Lot: 304-402677920-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:	
Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

122795 Task #2
Signed By: Jordan Eckel
on Mon December 23 2024 12:

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Technician Signature

135

2085 Piper Lane
London, ON
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Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4250-0000 ARMSTRONG AMC-1022
Serial Number: 12201285
Calibration Date: Dec 23 2024 9:00AM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 122795

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	49.0	LEL Methane (CH4) Lot: 304-402677920-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:	
Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

122795 Task #3
Signed By: Jordan Eckel
on Mon December 23 2024 12:

2085 Piper Lane
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Technician Signature

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Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4250-0000 ARMSTRONG AMC-1022
Serial Number: 12201286
Calibration Date: Dec 23 2024 9:00AM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 122795

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	47.5	LEL Methane (CH4) Lot: 304-402677920-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:	
Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

122795 Task #4
Signed By: Jordan Eckel
on Mon December 23 2024 12:

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

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Technician Signature

139

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A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4250-0000 ARMSTRONG AMC-1022 Methane
Serial Number: 12201287
Calibration Date: Dec 23 2024 9:00AM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 122795

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	53.0	LEL Methane (CH4) Lot: 304-402677920-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:

Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

122795 Task #5
Signed By: Jordan Eckel
on Mon December 23 2024 12:

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
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Tel: (780) 628-7864

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Technician Signature

141

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Tel: (519) 659-1144

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Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - 4 Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 7500-0000 PS200 (LEL/O2/CO/H2S) w/pump
Serial Number: 368812
Calibration Date: May 31 2024 12:00PM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 120644

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

	Calibration Information	Calibration Cylinder Information	
Scale	**Before Reading**	**Gas Concentration and Tank Registration**	**Applicable?**
Quad Gas Tank	N/A	Quad Gas Lot: 302-402509119 (25 PPM H2S, 100 PPM CO, 50 LEL, 18% O2, Balance N2)	✓
Hydrocarbon	39	N/A	
Carbon Monoxide	105	N/A	
Hydrogen Sulphide	25	N/A	
Oxygen	18.1	N/A	

Other Information:		General Comments:
Zeroed Instrument/Sensor	Yes	Zeroed and calibrated unit, working well.
Alarms Verified	Yes	
Attachments Checked	NA	
Battery Checked	Yes	

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

120644 Task #5
Signed By: Jordan Eckel
on Fri May 31 2024 2:22PM

Technician Signature

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

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Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - 4 Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 7500-0000 PS200 (LEL/O2/CO/H2S) w/pump
Serial Number: 368812
Calibration Date: Dec 23 2024 9:00AM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 122795

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

	Calibration Information	Calibration Cylinder Information	
Scale	**Before Reading**	**Gas Concentration and Tank Registration**	**Applicable?**
Quad Gas Tank	N/A	Quad Gas Lot: 302-402980849 (25 PPM H2S, 100 PPM CO, 50 LEL, 18% O2, Balance N2)	✓
Hydrocarbon	32	N/A	
Carbon Monoxide	98	N/A	
Hydrogen Sulphide	24	N/A	
Oxygen	18	N/A	

Other Information:		General Comments:
Zeroed Instrument/Sensor	Yes	Zeroed and calibrated unit, working well.
Alarms Verified	Yes	
Attachments Checked	NA	
Battery Checked	Yes	

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

122795 Task #1
Signed By: Jordan Eckel
on Mon December 23 2024 12:

Technician Signature

2085 Piper Lane
London, ON
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Tel: (780) 628-7864

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Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4000-0000 MSA ULTIMA X LEL
Serial Number: 104-1667488-20-001
Calibration Date: May 31 2024 12:00PM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 120644

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	44.0	LEL Methane (CH4) Lot: 304-402772574-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:	
Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

120644 Task #1
Signed By: Jordan Eckel
on Fri May 31 2024 2:18PM

2085 Piper Lane
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Tel: (519) 659-1144

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Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Technician Signature

145

2085 Piper Lane
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Edmonton, AB
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Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4250-0000 ARMSTRONG AMC-1022
Serial Number: 12201285
Calibration Date: May 31 2024 12:00PM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 120644

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	48.0	LEL Methane (CH4) Lot: 304-402772574-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:

Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

120644 Task #2
Signed By: Jordan Eckel
on Fri May 31 2024 2:19PM

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Technician Signature

147

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4250-0000 ARMSTRONG AMC-1022
Serial Number: 12201286
Calibration Date: May 31 2024 12:00PM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 120644

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	51.0	LEL Methane (CH4) Lot: 304-402772574-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:

Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

120644 Task #3
Signed By: Jordan Eckel
on Fri May 31 2024 2:20PM

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Technician Signature

149

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Certificate of Calibration and Conformity - Fixed Gas

Customer: OCWA STRATFORD HUB
701 West Gore Street
Raw sewage plant
STRATFORD, ON N5A 1L4

Make/ Model: 4250-0000 ARMSTRONG AMC-1022 Methane
Serial Number: 12201287
Calibration Date: May 31 2024 12:00PM - CC-JE
Calibrated by: Jordan Eckel
Service Order#: 120644

This instrument has been calibrated and tested in accordance with our process and conforms to the quality and calibration standards laid out by the manufacturers requirements.

Head/ Location		Calibration Information	Calibration Cylinder Information	
Location	**Gas Type**	**Before Reading**	**Gas Concentrations and Tank Registration**	**Adjusted Zero**
	LEL Methane	51.0	LEL Methane (CH4) Lot: 304-402772574-1 (50% LEL, Balance Air 20.9)	Yes

Other Information:	
Are relays working?	Yes
Are internal alarms working?	Yes
Were other peripherals checked?	Yes
Are relays working?	
Are internal alarms working?	
Were other peripherals checked?	

General Comments:

Zeroed and calibrated unit, working well.

The instrument has been calibrated with mixtures which are prepared and analyzed to a known tolerence of the major components, traceable to national standards, and the results are within the calibration tolerence.

120644 Task #4
Signed By: Jordan Eckel
on Fri May 31 2024 2:21PM

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Technician Signature

2085 Piper Lane
London, ON
N5V 3S5
Tel: (519) 659-1144

8725 53 Ave.
Edmonton, AB
T6E 5E9
Tel: (780) 628-7864

145 McNamara Drive
Paradise, NL
A1L 0A7
Tel: (709) 368-9000

Appendix E

Modification of Works

(Appendices can be provided upon request to Clerk's Office)

Ontario

Ministry of the Environment, Conservation and Parks

Notice of Modification to Sewage Works

RETAIN COPY OF COMPLETED FORM AS PART OF THE ECA ON-SITE PRIOR TO THE SCHEDULED IMPLEMENTATION DATE.

Part 1 – Environmental Compliance Approval (ECA) with Limited Operational Flexibility

(Insert the ECA's owner, number and issuance date and notice number, which should start with "01" and consecutive numbers thereafter)

ECA Number	Issuance Date (mm/dd/yy)	Notice number (if applicable)
9501-BG3JPF	06/10/20	

ECA Owner	Municipality
The Corporation of the City of Stratford	City of Stratford

Part 2: Description of the modifications as part of the Limited Operational Flexibility

(Attach a detailed description of the sewage works)

Replacement of all six pumps with four chemical feed pumps for the wet weather overflow disinfection with four Grundfos DDA-120-7 chemical feed pumps. The SMART digital DDA in a positive displacement, diaphragm dosing pump with variable-speed drive and intelligent control electronics with minimum energy consumption.

Chlorination

-Two (2) chemical metering pumps (one standby), each rated at 120L/h to dose chemical to the inlet chamber of the wet weather flow equalization tank No.2 equipped with an in-line mixer, and to the backup dosing point at the equalization tank distribution chamber

Dechlorination

-Two (2) chemical metering pumps (one standby), each rated at 120L/h to dose chemical to the inlet chamber of the wet weather flow equalization tank No.2 equipped with an in-line mixer, and to the backup dosing point at the bypass channel of the wet weather flow equalization tank No.2

Pump specifications and features listed below:

- Flow Rate up to 120 Liters/hour – 7 Bar Pressure;
- Turn-down ratio: 1:800;
- Service information display to show when service and which wear-part order number is required;
- Max. flow in slow mode 50%: 60 liters/Hour;
- Max. flow in slow mode 25%: 30 liters/Hour;
- Long lifetime and universal, chemically resistant full double PTFE diaphragm;
- Ball valves for highest dosing accuracy;
- Deaeration valve for easy startup. Operating modes:
  - Manual dosing in ml/h, l/h or gph;
  - Pulse control in ml/pulse (incl. memory function); and
  - Analog control 0/4-20 mA (scalable).

Description shall include:

1. A detail description of the modifications and/or operations to the sewage works (e.g. sewage work component, location, size, equipment type/model, material, process name, etc.)
2. Confirmation that the anticipated environmental effects are negligible.
3. List of updated versions of, or amendments to, all relevant technical documents that are affected by the modifications as applicable, i.e. submission of documentation is not required, but the listing of updated documents is (design brief, drawings, emergency plan, etc.)

Part 3 – Declaration by Professional Engineer

I hereby declare that I have verified the scope and technical aspects of this modification and confirm that the design:
1. Has been prepared or reviewed by a Professional Engineer who is licensed to practice in the Province of Ontario;
2. Has been designed in accordance with the Limited Operational Flexibility as described in the ECA;
3. Has been designed consistent with Ministry's Design Guidelines, adhering to engineering standards, industry's best management practices, and demonstrating ongoing compliance with s.53 of the Ontario Water Resources Act; and other appropriate regulations.

I hereby declare that to the best of my knowledge, information and belief the information contained in this form is complete and accurate

Name (Print)	PEO License Number
Jeff Paznar	100137929
Signature 	Date (mm/dd/yy) **12/21/2023**
Name of Employer **R.J. Burnside & Associates Ltd.**	

Part 4 – Declaration by Owner

I hereby declare that:
1. I am authorized by the Owner to complete this Declaration;
2. The Owner consents to the modification; and
3. This modifications to the sewage works are proposed in accordance with the Limited Operational Flexibility as described in the ECA.
4. The Owner has fulfilled all applicable requirements of the *Environmental Assessment Act*.

I hereby declare that to the best of my knowledge, information and belief the information contained in this form is complete and accurate

Name of Owner Representative (Print)	Owner representative's title (Print)
JOHNNY BOWES	MANAGER OF ENVIRONMENTAL SERVICES
Owner Representative's Signature 	Date (mm/dd/yy) 12/21/23

EAPB Form July 26, 2018

Appendix F

Sludge Analysis

(Appendices can be provided upon request to Clerk's Office)

MW Stratford WPCP Annual Sludge Analysis

From 01/01/2024 to 12/31/2024

Facility Name: STRATFORD WASTEWATER TREATMENT FACILITY
Receiver: Avon River

Facility Org Number: 5529
Facility Owner: Corporation/Company: The Corporation of the City of Stratford

Works: 110000702
Facility Classification: Class 4 Wastewater Treatment
Total Design Capacity: 30660 m3/day

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Stored Sludge	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024	2024 Total	2024 Avg	2024 Max	2024 Min
Arsenic: As Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	5.00	6.00	15.00	5.50	5.00	4.00	5.00	6.00	6.00	6.00	< 8.00	4.00		< 6.23	15.00	4.00
Cadmium: Cd Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	0.60	0.90	2.00	0.75	0.60	0.50	0.70	0.80	0.80	0.60	0.60	0.40		0.77	2.00	0.40
Cobalt: Co Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	12.00	16.00	28.00	8.50	7.00	5.00	7.00	6.00	5.00	4.00	4.00	3.00		8.77	28.00	3.00
Chromium: Cr Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	170.00	180.00	400.00	160.00	110.00	98.00	140.00	130.00	130.00	88.00	100.00	60.00		148.15	400.00	60.00
Copper: Cu Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	750.00	970.00	2000.00	880.00	650.00	560.00	880.00	810.00	870.00	680.00	750.00	500.00		860.00	2000.00	500.00
E. Coli: EC - cfu/100mL																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	7000.00	530000.00	620000.00	160000.00	190000.00	14500.00	2000000.00	870000.00	30000000.00	1390000.00	540000.00	26000000.00		4806269.23	30000000.00	7000.00
E. Coli: EC Dry Wt - cfu/g																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	1464.00	204633.00	548673.00	37235.50	52778.00	6017.00	549451.00	191209.00	8746356.00	492908.00	415385.00	5543710.00		1294388.85	8746356.00	1464.00
Mercury: Hg Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	0.25	0.35	0.71	0.45	0.36	0.29	0.44	0.66	0.41	0.28	0.31	0.23		0.40	0.71	0.23
Potassium: K Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	1400.00	3700.00	7400.00	2050.00	2300.00	2700.00	2000.00	1800.00	2700.00	1900.00	4000.00	1900.00		2761.54	7400.00	1400.00
Molybdenum: Mo Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	27.00	26.00	58.00	23.00	17.00	15.00	25.00	27.00	27.00	29.00	29.00	22.00		26.77	58.00	15.00
Nickel: Ni Dry Wt - mg/kg																
Lab Count	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	13.00			
Lab Month.Mean	200.00	190.00	480.00	205.00	140.00	120.00	190.00	210.00	170.00	120.00	150.00	74.00		188.77	480.00	74.00

Nitrate + Nitrite as N: NO3 + NO2 Dry Wt - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean	<	60.00	<	120.00	<	270.00	<	75.00	<	90.00	<	120.00		120.00	<	70.00	<	90.00	<	110.00	<	230.00	<	64.00			<	114.92		270.00		60.00
Nitrite: NO2 MGKG - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean	<	60.00	<	120.00	<	270.00	<	75.00	<	90.00	<	120.00		120.00	<	70.00	<	90.00	<	110.00	<	230.00	<	64.00			<	114.92		270.00		60.00
Nitrate: NO3 MGKG - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean	<	60.00	<	120.00	<	270.00	<	75.00	<	90.00	<	120.00	<	80.00	<	70.00	<	90.00	<	110.00	<	230.00	<	64.00			<	111.85		270.00		60.00
Lead: Pb Dry Wt - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean		73.00		100.00		300.00		145.00		160.00		130.00		130.00		89.00		59.00		35.00		28.00		17.00				108.54		300.00		17.00
Phosphorus: P Dry Wt - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean		29000.00		28000.00		62000.00		26500.00		23000.00		21000.00		27000.00		29000.00		31000.00		21000.00		21000.00		25000.00				28461.54		62000.00		21000.00
Selenium: Se Dry Wt - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean		4.00		5.00		10.00		4.50		4.00	<	4.00		4.00		4.00		4.00	<	4.00	<	8.00	<	2.00			<	4.77		10.00		2.00
Total Ammonia Nitrogen: NH3 + NH4 as N MGKG - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00				1.00		1.00		1.00		1.00		1.00		12.00					
	Lab Month.Mean		19000.00		26000.00		63000.00		22000.00		30000.00		17000.00				5100.00		5100.00		6200.00		14000.00		1300.00				19225.00		63000.00		1300.00
Zinc: Zn Dry Wt - mg/kg																																
	Lab Count		1.00		1.00		1.00		2.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		1.00		13.00					
	Lab Month.Mean		2600.00		2500.00		5600.00		2150.00		1700.00		1700.00		2400.00		2800.00		2400.00		1500.00		1300.00		1500.00				2330.77		5600.00		1300.00

MANAGEMENT REPORT

Date: March 11, 2025
To: Infrastructure, Transportation, Safety Sub-committee
From: Kirstin Riddell, Events Coordinator
Report Number: ITS25-006
Attachments: None

Title: Request for an Exemption to the Noise Control By-law 113-79 for the Caribbean and African Day Event

Objective: To consider a request from the Multicultural Association from Noise Control By-law 113-79 for the event taking place on May 25, 2025, between the hours of 10:00 a.m. to 12:00 a.m., including load-in and load-out times.

Background: Noise By-laws are designed to reduce and control both unnecessary and excessive sounds which can be a nuisance and generally degrade the quality and peacefulness of neighbourhoods. The Noise By-law identifies different rules and restrictions for noise based on four geographical areas throughout the city known as zones (Quiet zone, Residential zone, Commercial zone, Park zone).

The production, reproduction, or amplification of sound is one of the sounds regulated by Noise Control By-law 113-79. The nature of this event would include the aforementioned sounds.

Below are the schedules and clauses within the Noise By-law applicable to this event that organizers are requesting an exemption to.

Schedule 2, Clause 2 – "The operation of any electronic device or group of connected electronic devices incorporating one or more loudspeakers or other electro-mechanical transducers, and intended for the production, reproduction, or amplification of sound."

Prohibited all day Sundays and Statutory Holidays, and from 5:00 p.m. of one day to 7:00 a.m. the next day.

Schedule 2, Clause 4 – "The loading, unloading, delivering, packing, unpacking, or otherwise handling of any containers, products, materials or refuse whatsoever, unless necessary for the maintenance of essential services or the moving of private household effects."

Prohibited all day Sundays and Statutory Holidays, and from 7:00 p.m. of one day to 7:00 a.m. the next day.

Schedule 1, Clause 8 – "Unreasonable noise provision."

Analysis: The event will be held in Market Square. As the event is taking place on a Sunday, event organizers are requesting an exemption to permit amplification of sound in a Commercial Zone.

The intent of this noise exemption request on Sunday, May 25, 2025, from 10:00 a.m. – 12:00 a.m. in a Commercial Zone, is to:

- Permit the operation of loudspeakers and amplification of sound for the duration of the event.
- Allow for certain noise during set up and take down.
- Support an exemption from the unreasonable noise provision for the duration of the event.

Notice of Intent to Neighbouring Residents

A notice of the noise exemption request was issued in the Town Crier and the event organizers hand delivered notices to residents within 120m of the event location. The deadline for comments due back to staff and organizers is Friday, March 21, 2025.

The Multicultural Association of Perth-Huron have hosted numerous events in the past in the City of Stratford. However, as this event is taking place on a Sunday with amplified sound, an exemption to Noise Control By-law 113-79 is subject to Council review and final approval.

Financial Implications:

There are no financial implications because of this report.

Alignment with Strategic Priorities:

Work Together For Greater Impact
This report aligns with this priority as it is a community-based event featuring festive activities to bring people of all ages together, strengthening the culture of the community.

Alignment with One Planet Principles:

Health and Happiness
Encouraging active, social, meaningful lives to promote good health and wellbeing.

Culture and Community
Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living.

Travel and Transport
Reducing the need to travel, encouraging walking, cycling and low carbon transport.

Staff Recommendation: THAT direction be given on the noise exemption requested by the Multicultural Association for the Caribbean and African Day event on Sunday, May 25, 2025, from 10:00 a.m. to 12:00 a.m. from the following provisions:

- **Prohibited all day Sundays and Statutory Holidays, and from 7:00 p.m. of one day to 7:00 a.m. the next day;**
- **Unreasonable noise provision [Schedule 1, Clause 8];**
- **Loading and unloading [Schedule 2 clause 4].**

Prepared by: Kirstin Riddell, Events Coordinator
Recommended by: Tim Wolfe, Director of Community Services
Joan Thomson, Chief Administrative Officer

Accessibility Advisory Committee (AAC)

MINUTES

A meeting of the Stratford Accessibility Advisory Committee (AAC) was held on Tuesday, January 7, 2025, at 11:30 a.m., Rotary Complex – Mansbridge Room, 353 McCarthy Road W., Stratford ON

Committee Members Present: Roger Koert – Chair Presiding, Diane Sims, Jamie Pritchard, Andy Mark, Jen Weber, Joan Jones

Staff Present: Oonagh Vaucrosson – Accessibility, Diversity & Inclusion Coordinator, Nathan Bottema – Project Engineer, Casey Riehl – Recording Secretary

Regrets: Kathleen Barry, Councillor Bonnie Henderson, Brittany McCabe, Vicky Trotter – Council Committee Coordinator

1. Call to Order

Roger Koert, Chair presiding, called the AAC meeting to order at 11:36 a.m.

Reading of the Land Acknowledgement and a Moment of Silent Reflection.

Reading of the Respectful Workplace Policy.

2. Declaration of Pecuniary Interest and the General Nature Thereof

None declared.

3. Adoption of the Previous Minutes

Motion by Andy Mark
Seconded by Diane Sims
THAT the minutes from the Accessibility Advisory Committee meeting dated December 3, 2024 be adopted as printed. Carried

4. Infrastructure Services Update

Nathan Bottema, Project Engineer provided the following update:

- Albert Street project – Phase 2 (Front Street to Queen Street) to be completed;
- reconstruction of Avondale/Avon from John Street around to Huron Street;
- working on a draft list of asphalt resurfacing;
- drafting a list of the sidewalk and multi-use trail projects;
- will bring the final project list to the February AAC meeting once the 2025 budget has been finalized

Roger Koert inquired if the sidewalk installation on Gordon Street is scheduled to be completed. Mr. Bottema stated that yes, it is a 2025 project that will be completed. Mr. Koert stated that a site plan was reviewed for the new Starbucks that is opening on the corner of Ontario and Gordon Street and questioned if there was a sidewalk included in the initial plan. Mr. Bottema stated that there was not one included for Gordon Street. Staff requested that a sidewalk be included from Ontario Street to the front of the building. Staff has requested quite a few changes, so the developers will need to do some redesigning. There will be road widening, which will affect the overall layout.

Jen Weber inquired if there were any plans for curb cuts at the T-intersection of Short Street and Culliton Street as a very large number of pedestrians, mainly students, cross at that street and there are no curb cuts. This makes it difficult for wheelchairs, people with walkers or strollers having a curb there. Mr. Bottema noted there is an existing list of pedestrian crossovers to be installed in the City. This area was not included, however could be added in the future for consideration as it is an area that would benefit from one. Mr. Bottema will take the curb cut suggestion and discuss it with staff. He noted they are making good progress on the current list of pedestrian crossovers, with 16 crossovers listed and 11 have been completed to date.

Roger Koert suggested that the AAC could do a review of all the T-intersections in Stratford to generate a list of curb cuts that could be shared with the contractor.

Roger Koert noted that the new paved pathway through Arboretum Park is not being plowed this winter and is not usable. Mr. Koert will send the location information to Mr. Bottema to follow up with Community Services staff.

5. Site Plan Review Sub-Committee Update

Oonagh Vaucrosson, Accessibility, Diversity & Inclusion Coordinator, provided an update that the Review Sub-Committee reviewed the following plans in December:

- 525 O'Loane Avenue
- 22 Wingfield Avenue
- 662-666 Ontario Street

The review committee intends to meet virtually twice per month in order to meet the required deadlines to submit feedback on site plans. Jen Weber and Diane Sims have volunteered to be a part of the review committee, joining Roger Koert, Councillor Henderson, Jamie Pritchard and Oonagh Vaucrosson.

Sites to be reviewed so far in January:

- 976 Erie Street
- 429 Huron Street (2nd review)

6. Update from the Accessibility, Diversity & Inclusion Coordinator

Oonagh Vaucrosson updated the AAC that she will be stepping into the role of the Accessibility, Diversity & Inclusion Coordinator for now until a decision on the position has been made by Human Resources.

Oonagh Vaucrosson provided the following updates:

- The steering committee is meeting later in January and will be reviewing the terms of reference;

- The DEI Department has been dealing with an issue relating to accessibility and inclusion at City of Stratford community day camps. A parent whose child requires inclusivity while at camp, filled out an application form that indicates the camps are accessible and inclusive, however when the application was submitted and outlined what accommodations are needed, they were told those accommodations could not be met. The parent addressed this with DEI staff to discuss with the AAC and how the City can consider these requests in the future. If the City is stating on the application that they are inclusive, they need to figure out how to be inclusive for everyone;

- There has been discussion on how to streamline the booking process for the mobility bus and transition to an accessible online booking platform. Members stated that it would be helpful to be able to look online to see what pick up times are available. Discussions with the Transit Manager and input from ONAP

contacts on what they do in their communities for transit bookings with be a good start. Jamie Pritchard suggested that if the Transit Manager has any apps that they are considering, AAC members could test them on a trial basis. Ms. Vaucrosson also suggested the City may need to look into the demand and feasibility of accessible taxis;

- There is an upcoming spring ONAP conference;
- The Ministry of Accessibility and Seniors is still working on the AAC Forum, hopefully it will be re-launched later this year;
- The Mobi-Mats operating procedures are currently being worked on in collaboration with Community Services staff;
- Continuing to organize a Public Accessible Spaces Simplified (PASS) group training session to include staff and AAC members. Roger Koert suggested priority training for site plan review committee members;
- The Stratford Public Library will no longer be included in the City's AODA compliance reports and will assume their own reporting starting in 2025.

Roger Koert stated that he had suggested to Community Services staff that the Mobi-Mats could be used during the LightsOn event on Tom Patterson Island. The area is very wet and muddy and would be an asset to help with accessibility in the area around the displays. Jamie Pritchard contacted staff; however, they felt that the mats would be a hazard for able-bodied people slipping and falling on them. Mr. Koert noted that this is the exact application they intended the mats to be used for. Instead of not using the mats, perhaps there could be a trial area to see if the mats would work. Roger Koert will contact the Parks & Forestry Manager to inquire if a trial could be arranged. This is a great resource that should be used all year round at events. Shorter stakes, snow removal and salt usage should also be investigated for winter use.

Mr. Koert inquired whose role is it to ensure that the City is in compliance with AODA. Oonagh Vaucrosson stated that it is the Accessibility, Diversity & Inclusion Coordinator's role to do so. Ms. Vaucrosson stated that part of working with the Steering Committee is to have their help as well with AODA compliance. The City continues to use the online tool to ensure that the website is AODA compliant. It is connected to the website and does a scan on a weekly basis and sends out comprehensive reports to Ms. Vaucrosson to share with staff on what needs to be resolved. The goal for the City is to work towards a more proactive approach to AODA compliance.

7. Update from Council

Deferred to next meeting.

8. Business Arising from Previous Minutes

8.1 Launch of the FADM with Perth-Huron Builders Association

Oonagh Vaucrosson will try reconnecting with the PHBA to arrange a date to hold a presentation. The same information can also be made available to the community.

8.2 Update on Accessibility Audits for City of Stratford Facilities

Oonagh Vaucrosson reported that there are audits to be scheduled for the Family Services Perth-Huron office and the Stratford Public Library.

8.3 Update on Doorbell Program and AAC Promotional Items

Jamie Pritchard reported that the doorbell kits have been put together and (13) businesses have requested kits. Roger Koert will follow up with ramp requests.

The new AAC promotional items have arrived. Jamie Pritchard shared samples of the mugs, notepad/pen combo, bags and pens that were purchased. The items will be stored at the Clerk's Office in the storage room.,

8.4 Police Station Update

Diane Sims reported that she has contacted Mayor Ritsma and the contractors have returned to site to continue work on the front entrance. Mayor Ritsma has requested an update on the ramp installation from the Director of Community Services. Ms. Sims will keep the AAC updated.

9. New Business

9.1 National AccessAbility Week

Oonagh Vaucrosson stated that the theme for this year is to increase awareness of accessibility and disability inclusion in Canada. The goal is to improve understanding, reduce stigma and share best practices.

Roger Koert stated that nominations for the Annual Accessibility Award will also open up during AccessAbility Week.

9.2 Change to AAC Meeting Time

Members discussed the possibility of changing the time the committee meets from an 11:30 a.m. start to 12:00 p.m. This will assist with scheduling for members using the mobility bus service. Members present at the meeting did not have any issues with moving the meeting time.

Motion by Jamie Pritchard
Seconded by Andy Mark
THAT the monthly Accessibility Advisory Committee meetings be changed to begin at 12:00 p.m. Carried

9.3 Council Presentations

Members previously discussed doing presentations at Council to keep them up to date with what the committee is doing and also informed about accessibility issues. Currently the AAC visits Council twice a year, once during National AccessAbility Week and again for International Day of Persons with Disabilities to present the Annual Accessibility Award. Andy Mark suggested that the AAC could plan for quarterly presentations to bring more visibility to accessibility. Roger Koert suggested the addition of two advocacy opportunities at Council in approximately March and September.

Diane Sims and Andy Mark have volunteered to lead this project. Members are asked to forward any ideas for the presentations to them and Ms. Sims and Mr. Mark will draft a summary of ideas.

10. Date of Next Meeting:

The next meeting of the AAC will be held on Tuesday, February 4, 2025, at 12:00 p.m. at the Rotary Complex – Mansbridge Room, 353 McCarthy Road W., Stratford ON

11. Adjournment

Motion by Jen Weber
Seconded by Joan Jones
THAT the January 7, 2025, Accessibility Advisory Committee meeting adjourn. Carried

Start Time: 11:36 A.M.
End Time: 1:00 P.M.

Active Transportation Advisory Committee

MINUTES

A meeting of the Active Transportation Advisory Committee (ATAC) was held on Wednesday, January 22, 2025, at 7:00 p.m., in the Mansbridge Room at the Stratford Rotary Complex.

Committee Members Present: David Daglish – Chair Presiding, Kelley Teahen, Pat Ranney (Cycle Stratford), Christine Lee (Avon Trail), Councillor Jo-Dee Burbach, Joel LaCourse, Rhonda Gesinghaus Vaters

Staff Present: Vicky Trotter – Council Committee Coordinator, Nick Sheldon – Project Manager, Casey Riehl – Recording Secretary

Also Present: Inspector Jason Clarke

Regrets: Councillor Harjinder Nijjar

1. Call to Order

The Chair called the meeting to order at 7:00 p.m.

Reading of the Land Acknowledgement and Moment of Silent Reflection.

Reading of the Respectful Workplace Conduct Statement

2. Declarations of Pecuniary Interest and The General Nature Thereof

None declared.

3. Welcome New Members Joel LaCourse & Rhonda Gesinghaus Vaters

Members and staff introduced themselves.

4. Election of 2025 Chair & Vice-Chair

Staff declared nominations open for the 2025 Chair of the Active Transportation Advisory Committee. Rhonda Gesinghaus Vaters nominated David Daglish.

Staff asked if there were any further nominations. No further nominations were made.

Motion by Christine Lee
Seconded by Pat Ranney
THAT the nominations for the 2025 Active Transportation Advisory Committee Chair be closed. Carried

David Daglish indicated that he would allow his nomination to stand.

Motion by Christine Lee
Seconded by Councillor Burbach
THAT David Daglish be elected as the 2025 Chair of the Active Transportation Advisory Committee. Carried

Staff declared nominations for the 2025 Vice-Chair of the Active Transportation Advisory Committee open. Councillor Burbach nominated Kelley Teahen.

Staff asked if there were any further nominations. No further nominations were made.

Motion by Councillor Burbach
Seconded by Pat Ranney
THAT the nominations for the 2025 Active Transportation Advisory Committee Vice-Chair be closed. Carried

Kelley Teahen indicated that she would allow her name to stand.

Motion by Pat Ranney
Seconded by Christine Lee
THAT Kelley Teahen be elected as the 2025 Vice-Chair of the Active Transportation Advisory Committee. Carried

5. Adoption of Previous Minutes

Motion by Kelley Teahen
Seconded by Councillor Burbach
THAT the minutes from the Active Transportation Advisory Committee meeting dated November 27, 2024 be adopted as printed. Carried

6. Car-Free Fridays

Councillor Burbach and the Downtown BIA have been discussing the possibility of ATAC partnering with them to re-vamp car-free Fridays or to perhaps try a new initiative. The BIA has reported that interest in car-free Fridays has been dwindling and perhaps it might be time to try something new. Rhonda Gesinghaus Vaters suggested that the event needs to be advertised more. Ms. Gesinghaus Vaters volunteered to assist the BIA with car-free Fridays if they are interested in keeping the event going.

Vicky Trotter will contact Kim Griffiths from the BIA to invite her to the February 26, 2025 ATAC meeting to discuss a possible partnership and planning for future events.

Pat Ranney will discuss car-free Fridays with Cycle Stratford to gather some feedback from them before the next meeting.

Ms. Trotter also noted that ATAC has earmarked budget funds in 2025 for their annual bike event that could be re-directed if necessary to assist with a different event.

7. Festival Route Working Group Update

Pat Ranney and Vicky Trotter will be meeting next week to discuss this project. Once the budget is passed, further details and plans can be explored for the signage.

If any ATAC members are interested in joining this working group, please let them know. Current ATAC members on the working group are Pat Ranney and David Daglish, with the assistance of Vicky Trotter.

8. Business Arising from Previous Minutes

8.1 Safety Concerns Crossing Ontario Street at York Street

Nick Sheldon stated that Engineering has received the recommendation passed by the committee in November regarding safety concerns at Ontario Street and York Street. The recommendation has been added to the list to be reviewed by staff. Mr. Sheldon will report back to ATAC once information is available.

Councillor Burbach inquired with Inspector Clarke what his perspective is on this area. Inspector Clarke noted that it is a risky and difficult spot to cross. There have been many close calls, luckily very few accidents reported. In his opinion, some type of traffic control would need to be installed, such as making the curve into an actual corner.

Members suggested better use of the sidewalk that runs under the street. The current sidewalk is not accessible and there is not adequate signage for visitors to know that the sidewalk exists as an option. Fixing this sidewalk would likely need to be addressed by Community Services as it is park area.

Joel LaCourse noted that this area would be a good place to install a flower boulevard in the middle of the street. This would prevent people from crossing the street in that area.

Christine Lee suggested a pedestrian cross-over in this area with warning signals far enough ahead in each direction that drivers are aware that people may be crossing ahead. In an effort to slow traffic, Ms. Lee has also seen cities paint

lines on the road gradually getting closer and closer together to give the illusion that you are speeding up, which actually makes drivers slow down.

Kelley Teahen suggested that City staff and members look at the Vision Zero campaign that Hoboken, New Jersey has successfully implemented to achieve the goal of preventing traffic-related injuries and fatalities.

9. New Business

9.1 On-Street Parking on John Street

Rhonda Gesinghaus Vaters inquired about the on-street parking that is now on John Street. John Street remains a cycling route, however, has on-street parking that makes it unsafe for cyclists to navigate around cars. Ms. Gesinghaus Vaters questioned if this main corridor to downtown could have bike lanes for cyclists to get to the downtown area.

Nick Sheldon stated that John Street is a signed bike route that did not have a designated bike lane. In his opinion, the width of the road could accommodate a bike lane. The current by-law would need to be amended to eliminate on-street parking, which is an option but could also still be a challenge.

Motion by Rhonda Gesinghaus Vaters
Seconded by Pat Ranney
THAT the Active Transportation Advisory Committee requests Council direct staff to investigate the possibility of removing the parking lane and installing bike lanes on John Street South between Queensland Road and West Gore Street;

AND THAT all required by-law amendments be made. Carried

9.2 Missing Sidewalk Links

Joel LaCourse inquired about a residence on Lorne Avenue that does not have a sidewalk in front of it. There is a sidewalk on either side, but not one in this small section. He questioned if the City could prioritize connecting the sidewalks this area.

Nick Sheldon explained that this is private property that the City does not own. They have not been able to expropriate the land to date, thus the sidewalk has not been connected. It is identified as a missing sidewalk link on the City's list. He noted the City has a $200,000.00 annual budget for missing sidewalks. In 2025 they will be completing a link on Erie Street (near McDonald's restaurant).

Mr. LaCourse stated that the homeowner is motivated to have a sidewalk installed and will direct him to contact the engineering department to begin the process.

Mr. LaCourse also inquired about a missing sidewalk link on Lorne Avenue between Home Street and Erie Street. Councillor Burbach explained that previously the province was looking at turning Lorne Avenue into a by-pass. In this case, the Province would take over the whole project, including any pedestrian/cycling options. Nick Sheldon stated that this area is included in the Master Transportation Plan. It is a very large project and has been identified for the installation of a multi-use path.

Mr. LaCourse inquired if Stratford could somehow be linked up with a trail to St. Marys. Members noted that currently the closest link is the Avon Trail. Christine Lee explained that the trail comes in close to Road 111 (near Stratford Home Hardware).

Councillor Burbach suggested that ATAC could create a list of their missing link priorities and partner with the Accessibility Advisory Committee, as they have done in the past, to work together to compile a list that could be provided to staff as suggested priority areas.

Vicky Trotter will provide ATAC members the map of the identified missing links in the City of Stratford. The map shows the links that have been completed and ones that are still required to be done.

Mr. LaCourse noted that the sidewalks on Freeland Drive and C.H. Meier Boulevard are both underwater in the spring and questioned if that can be rectified. Members also noted that these areas are heaved somewhat from roots due to the large trees in those areas.

Mr. LaCourse inquired why there is not a sidewalk on both sides of C.H. Meier. Nick Sheldon explained that C.H. Meier is a planned wider right of way in the Transportation Master Plan. There is intent to have a multi-use trail on C.H. Meier from Devon Street to Douro Street and continuing to Romeo Street. The City had previously applied for funding for this project, unfortunately they were unsuccessful in receiving funds.

Mr. LaCourse noted that despite snowing every day, the City's Public Works Department has done a great job these last couple of weeks clearing the snow off of the sidewalks.

9.3 QR Code on Trail Sign in Confederation Park

Christine Lee reported that the QR code on the new trail sign in Confederation Park is not working properly. Vicky Trotter will investigate and have the links restored if need be.

9.4 Request for 40 Km/Hour Speed Limits

Pat Ranney inquired about the status of the 40 km/hour speed limit that is proposed in the Master Transportation Plan. Councillor Burbach stated that she brought the issue forward and it was defeated at Council. Council was not in favour of the high cost of re-signing all residential streets. There was a suggestion to change the entrance signs into Stratford to read that all residential streets are 40 km/hour instead of the current 50 km/hour. The speed limit reduction is still included in the Master Transportation Plan, however, will not be addressed again until the next term of Council.

9.5 Micro-Mobility

Kelley Teahen inquired how much responsibility for the rules surrounding micro mobility, such as e-scooters and e-bikes, lies with municipalities versus something broader on a provincial or federal level. Ms. Teahen also questioned if there have been many incidents or reports of people operating them in a way that are endangering other people.

Councillor Burbach stated she is aware of one incident involving a motorized scooter where there was at least one injury. Inspector Clarke stated that there have been a few reports, however no major concerns have been raised. The police do receive a number of complaints from people inquiring if riders should be wearing helmets. Anything that is propelled by a motor, falls under the Highway Traffic Act. However, a motorized bike that has pedals is still considered a bicycle.

Ms. Teahen noted that there is a conference being held in May that will have a panel discussion regarding micro mobility and how it is being handled in different jurisdictions. Councillor Burbach stated that it would be great to get direction from the province, that way the laws are the same across the board for all municipalities in Ontario.

9.6 Community Response Unit

Inspector Clarke reported that a new Community Response Unit has recently been created. The response unit is made up of five members who work days and afternoons throughout the week. They respond to any lower priority calls that do not require a police response initially. If ATAC has concerns and feel like an issue

may need enforcement, the Community Response Unit could possibly assist. ATAC members can contact Inspector Clarke directly and report problem areas that might need directive patrol.

9.7 Albert Street Reconstruction (Phase 2)

Nick Sheldon reported that there has been an open house regarding the Albert Street reconstruction project (phase 2). This reconstruction is part of the Transportation Master Plan for a bike boulevard eastbound on Albert Street. The remaining two blocks to King Street are scheduled to be completed in 2025.

The Avon Street and Avondale Avenue reconstruction project will also take place in 2025. The City of Stratford has a policy that when reconstruction takes place in a residential area, the road is to have a sidewalk on one side. This area currently has two sidewalks and will be redesigned to have one. The pedestrian pass is very low in this area. The idea is to have one sidewalk in low pedestrian areas in order to afford and maintain sidewalks in other areas. Councillor Burbach noted that information on this project is on the Engage Stratford website.

10. Date of Next Meeting

The next ATAC meeting is scheduled for Wednesday, February 26, 2025 at 7:00 p.m. at the Stratford Rotary Complex in the Mansbridge Room.

11. Adjournment

Motion by Christine Lee
Seconded by Joel LaCourse
THAT the January 22, 2025 ATAC meeting adjourn. Carried

Start Time: 7:00 P.M.
End Time: 8:26 P.M.

Energy & Environment Advisory Committee

MINUTES

A meeting of the Energy & Environment Advisory Committee (E&E) was held on February 6, 2025 at 4:00 p.m., Rotary Complex – Mansbridge Room, 353 McCarthy Road W, Stratford ON

Committee Members Present: Mike Sullivan – Chair Presiding, Felicity Sutcliffe, Councillor Jo-Dee Burbach, Anita Jacobsen, Zach Kritzer, Anna Stratton, Linda Wakenhut, Vanni Azzano, Craig Merkley, Councillor Larry McCabe, Ken Clarke

Staff Present: Emily Skelding – Supervisor of Waste Operations, Vicky Trotter – Council Committee Coordinator, Casey Riehl – Recording Secretary

Regrets: Julia Schneider, Geoff Krauter, Sadaf Ghalib – Manager of Climate Change Programs

1. Call to Order

Mike Sullivan, Chair called the meeting to order at 4:02 p.m.

Reading of the Land Acknowledgment and a moment of silent reflection.

Reading of the Respectful Workplace Conduct Statement

2. Declaration of Pecuniary Interest

None declared.

3. Adoption of the Previous Minutes

Motion by Anna Stratton
Seconded by Craig Merkley
THAT the minutes from the Energy & Environment Advisory Committee meeting dated January 2, 2025 be adopted as printed. Carried

4. Working Group Updates:

Ecological:

Craig Merkley provided the following update from the Ecological working group:

- Community Services staff has applied for grant funding from the Invasive Species Centre and will be applying for a second invasive species grant;
- Vicky Trotter reported that there is no funding provided in the 2025 Community Services budget for an additional summer student to focus on invasive species;
- The main focus of the Ecological working group this year will be working on the Invasive Species Management Plan with staff;
- An idea was raised for the Tree Power event for trees to be sponsored and then planted in a native tree arboretum. There are people who would like to continue to purchase trees, but do not have the room on their property. The UTRCA is moving forward with this initiative and will have information posted on their website letting people know how they can sponsor a tree to be planted in the city;
- Members would like to move ahead with signage for the T.J. Dolan trail to discourage side trails. The working group has created a draft sign and Ms. Trotter will move ahead with some quotes after the final budget has been approved. The design and the request will need to go to the Parks Board for approval and the goal is to purchase 6-12 signs;
- Felicity Sutcliffe is continuing to work on the design of the main entrance sign for T.J. Dolan;
- Five trays of native grasses have been pre-ordered for planting this year in T.J. Dolan and in the cribs along the river;

  Motion by Craig Merkley
  Seconded by Ken Clarke
  THAT the Energy & Environment Advisory Committee spends up to a maximum of $750.00 to purchase native grass plugs to plant in T.J. Dolan and along the Avon River. Carried

- Seeds have been provided to SDSS to plant in their greenhouse this year;

- A shoreline rehabilitation project is underway at the Pittock Conservation Area using mats to help keep plants and soil in the cribs better. If it is successful, perhaps it is something that Stratford might want to consider;

5. Supervisor of Waste Operations Update

Emily Skelding reviewed some of the updates for the upcoming blue box program change that begins in 2026. A recommendation has gone to Sub-committee and will now be going to Council on February 10, 2025 regarding the non-eligible sources, such as businesses, churches, municipal buildings, etc. that are not included in the new provincial program. Staff has researched and presented two options. One is to support the recycling collection services (approximately a $355,000.00 cost) or stop supporting the non-eligibles (still approximately a $180,000.00 cost). The staff recommendation is that Council continue to service the non-eligible sources for the period of January 1, 2025 to October 31, 2026.

6. Active Transportation Advisory Committee (ATAC) Update

Vicky Trotter reported on the following from the January 22, 2025 ATAC Meeting:

- ATAC and the BIA are meeting to discuss partnering on future Car Free Friday events or other possible initiatives;

- ATAC is moving forward with proposed signing for the Festival City Bicycle Route and has formed a working group to draft a proposal;

- ATAC has recently made a recommendation to Council requesting the parking lane be removed and bicycle lanes be installed on John Street between Queensland Road and West Gore Street;

- Members are working to provide staff with a list of priority locations with missing sidewalk links;

- Inspector Clarke from the SPS reported that they have formed a new Community Response Unit with five members who workdays and afternoons throughout the week and they respond to lower priority calls that may not require police response initially;

- Staff reported that Phase 2 of the Albert Street project is planned to be completed in 2025.

Mike Sullivan inquired if ATAC has discussed reducing speed limits. Ms. Trotter reported that at the previous ATAC meeting, if was confirmed that this item had been brought to Council during this term and the motion was tabled, however it does remain in the Transportation Master Plan and can be brought forward to the new Council after 2026. Councillor Burbach stated that it is possible to re-table the item where a percentage of Council who originally voted against it bring it forward. It was tabled at the Sub-committee level and did not proceed to Council.

Anna Stratton inquired if the City has ever considered speed bumps. Councillor Burbach stated that the City is following the Transportation Master Plan and there are calming measures included, such as bump-outs and round-a-bouts, not necessarily speed bumps. Councillor Burbach stated that a group of concerned citizens can always address Council about a speed reduction in an area. Council is currently considering installing automated speed ticketing in Stratford.

Councillor McCabe no longer present at the meeting at 4:47 p.m.

7. E&E Committee Motions Update

Vicky Trotter reported that there are no new updates to provide since the last meeting. Moving forward, Ms. Trotter will provide the list of any outstanding motions when the agenda is sent to the committee.

8. Business Arising from Previous Minutes

8.1 Climate Conversations Update

Felicity Sutcliffe reported that the last Climate Conversation event was on alternative energy. Ms. Sutcliffe provided the video from the event to E&E members. It was well very attended with 90+ attendees in person and online. There was great dialogue with a good cross-section of people that kept the conversations going. It was energizing and a huge success.

Due to the provincial election, the next Climate Conversation – Waste Not, Want Not (original date February 27, 2025) has been rescheduled to March 6, 2025 at 7:00 p.m. and Emily Skelding will be speaking at this event.

Mike Sullivan stated that London Hydro allowed a developer to generate electricity on one development for another development, which is presently not allowed and questioned if Festival Hydro could do the same in Stratford. Councillor Burbach stated that the development in London received provincial

approval as a trial. Perhaps inviting a Festival Hydro representative to a future E&E meeting would be informative.

Mike Sullivan noted that one major bank is offering a green mortgage and that is how they were funding the purchase of the circular dwellings. It is a significantly reduced rate for properties that are energy efficient.

8.2 Transit Information Update

As per the discussion at the January meeting, Vicky Trotter followed up with the Transit Manager regarding the free transit days. Mr. Mousley reported that there were 2,546 riders on the free day, which is an approximate 15% increase based on previous average operational data. Staff is considering future free transit days, including International Transit Day. Staff is planning on a recommendation to be brought before Council.

Ms. Trotter also clarified that the time limit on bus transfers is one hour.

8.3 Home & Leisure Show Update

Vicky Trotter has contacted the organizers of this year's Home & Leisure Show to inquire what registration fees are. For a 5x10 booth it is $495.00 and for a 10x10 booth it is $715.00. In the past, E&E has registered for a 10x10 booth. The deadline to register for the show is March 1, 2025.

Motion by Vanni Azzano
Seconded by Anita Jacobsen
THAT the Energy & Environment Advisory Committee spends $715.00 to register for a 10x10 booth at the 2025 Stratford Home & Leisure Show and up to $500.00 for any additional costs related to promotional and educational items for the show. Carried

Ms. Trotter will contact organizers to register the E&E Committee for a 10x10 booth. The Ecological working group will organize their information, other members will also work towards gathering information and displays on additional topics to include, such as garbage/recycling, Tree Power.

Linda Wakenhut inquired about Garden Stratford attending the event with E&E to distribute information. Councillor Burbach suggested a working group could be formed to organize for the show. A schedule will be created for E&E members to sign up to volunteer for timeslots at the show.

8.4 Discussion: How E&E can best support the implementation of the Community Climate Action Plan

Vicky Trotter updated the committee that generally when plans such as the Community Climate Action Plan (CCAP) are adopted by the City, staff will reach out to stakeholders, such as Advisory Committees, to ask for assistance at certain times or stages in the plan. Ms. Trotter suggested that members could form a working group to compile a list of ideas that may assist with the CCAP. and could be forwarded to staff. Vanni Azzano suggested that upon the return of the Manager of Climate Change Programs, members could inquire if there is something specific or helpful that E&E can do to support. Anna Stratton suggested that community engagement will be important. Ms. Stratton also noted that university master's students are quite often seeking placements or internships in this field and Stratford could consider this as an option.

Councillor Burbach will bring forward the motion again at Council regarding the requested position in the budget for assistance for the Manager of Climate Change Programs.

8.5 E&E Committee Column/Articles

Linda Wakenhut has volunteered to write an article regarding invasive species to be published in the local paper in the spring. She has suggested highlighting one invasive species and how to eradicate and dispose of them. Ms. Wakenhut will work on the article and once a draft is complete, Ms. Wakenhut will circulate it to E&E members for comments/feedback and then forward it to Vicky Trotter to have it reviewed by staff prior to publication. Ms. Trotter will confirm with staff the proper steps involved for a member to publish an article on behalf of E&E and inform Ms. Wakenhut.

9. New Business

9.1 Green Leaders Education Program

Vanni Azzano reported on the recent Green Leaders Education Program that the UTRCA is doing with local grade 6 and 7 students at Jean Sauve School. It is an environmental education and civic engagement program for students. In September, they did a community walk looking at environmental issues in the city and then worked through the process of some root causes of issues. Students have now decided that garbage and littering will be their focus. The

UTRCA has arranged for experts to speak with the students regarding this and tomorrow, Emily Skelding will be speaking with the students and answering their questions. Part of the learning process for the students will be completing a project outlining their own plan. This project runs for the school year, ending with a symposium on June 3, 2025 at Huron College (Western University) where the classes participating from the Huron-Perth Catholic School Board, London Catholic Board and Thames Valley School Board will discuss the issues and present their solutions.

Vanni Azzano no longer present at the meeting (5:38 p.m.)

9.2 Annual Green Recognition Program

Vicky Trotter reported that she contacted Taylor Crinklaw, Director of Infrastructure Services, and he stated that the Infrastructure Services Department does not have the capacity to take on this project this year. It is necessary for staff to be the lead on this city initiative, an unfortunately, this year there is not a staff person available at this time. The hope is that it is just a pause for 2025 and the program will continue in 2026.

9.3 Green Development Standards

Councillor Burbach reported that she recalls the E&E Committee discussing green development standards, however not making a formal recommendation at the time. Councillor Burbach made a motion at Council in 2021 to create green development standards at the same time as Council had declared a climate emergency and were figuring out what the city's targets would be. The motion was referred to the 2022 budget discussion and was subsequently going to be added as part of the Official Plan update. The Official Plan update is currently underway and there was no official motion that Green Development standards be a part of it, however it does not mean that the E&E Committee cannot make a recommendation now to have them included in the current update. It is Councillor Burbach's understanding that the Official Plan will have a green lens on it.

Motion by Craig Merkley
Seconded by Anna Stratton
THAT the Energy & Environment Advisory Committee recommends Council consider adding Green Development Standards. Carried

9.4 Proposed recommendation from E&E regarding proposals and the development of Expression of Interest documents regarding the Grand Trunk Renewal

Mike Sullivan inquired if the Grand Trunk Committee is considering environmental issues or Green Development Standards. Vicky Trotter reported that the Grand Trunk Committee does have an environmental working group and the Director of Infrastructure has attended meetings to discuss initial land remediation. There has not been any environmental discussion yet regarding the proposed new building or buildings for the site. Councillor Burbach reported that members of the Grand Trunk Committee were in attendance at the previous Climate Conversation event regarding alternative energy options.

Ms. Trotter reported that the City's DEI Department has submitted a work plan for the Grant Trunk site development, which includes having Indigenous partners involved to look at each aspect as the project moves forward. If E&E members are interested in the plan, the minutes from the Grand Trunk meetings are all posted online for viewing. Ms. Trotter will inquire with the DEI Department if they can provide a copy of the work plan for E&E members.

10. Upcoming Events

- Climate Conversation: Waste Not, Want Not – March 6, 2025 @ 7:00 p.m.
- Climate Conversation: Natural Assets – March 27, 2025 @ 7:00 p.m.
- Stratford Home & Leisure Show – April 12-13, 2025
- Climate Conversation: Walking the Talk of a Green City – Apr. 24, 2025 @ 7 pm
- Earth Day Street Party – Sunday, April 27, 2025 – 11:30-2:00 p.m.
- Climate Conversation: Industry & Circular Economy – May 22, 2025 @ 7:00 pm

11. Date of Next Meeting

The next meeting of the Energy & Environment Advisory Committee will be held on Thursday, March 6, 2025, at 4:00 p.m., Rotary Complex – Mansbridge Room, 353 McCarthy Road, W., Stratford ON

12. Adjournment

Motion by Ken Clarke
Seconded by Zach Kritzer

THAT the February 6, 2025 Energy & Environment Advisory Committee meeting adjourn. Carried

Meeting Start Time: 4:02 P.M.
Meeting End Time: 5:58 P.M.