



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Annual Performance Report
Town of Tecumseh Sanitary Sewer
System
ECA# 040-W601
For the year
2024

Prepared for the Corporation of the Town of Tecumseh
By the Ontario Clean Water Agency

Contents

Introduction	1
4.6.3 A summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations.....	2
Table 1: Cedarwood (Gauthier) PS Monthly Sewage Collection Flow (m ³).....	2
Table 2: Shawnee (Sandwich South) Metering Station Monthly Sewage Collection Flow (m ³)	3
Table 3: 8th Concession Monthly Sewage Collection Flow (m ³)	3
Table 4: Lakewood Monthly Sewage Collection Flow (m ³)	4
Table 5: North Talbot Monthly Sewage Collection Flow (m ³)	5
4.6.4 A summary of any operating problems encountered and corrective actions taken.	7
4.6.5 A summary of all calibration, maintenance, and repairs carried out on any major structure, Equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System....	8
4.6.6 A summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.	9
Table 6: CityWorks Service Request Summary for Sewage Collection System	9
4.6.7 A summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat.	11
4.6.8 A summary of all Collection System Overflow(s) and Spill(s) of Sewage, including:	12
a) Dates;	12
b) Volumes and durations;	12
c) If applicable, loadings for total suspended solids, BOD, total.....	12
phosphorus, and total Kjeldahl nitrogen, and sampling results for E.coli;	12
d) Disinfection, if any; and.....	12
e) Any adverse impact(s) and any corrective actions, if applicable.	12
4.6.9 A summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:.....	13
a) A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted.....	13
b) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP’s timelines.	13
c) An assessment of the effectiveness of each action taken.	13
d) An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives.	13
e) Public reporting approach including proactive efforts.	13

Appendix I Summary of Maintenance Report 14

Appendix II Flow Meter Calibration Certificates 15

Appendix III Service Request Map View for Town of Tecumseh Sewage Collection System 16

Introduction

The annual performance report pertaining to the Town of Tecumseh Sanitary Sewer System for the operating year 2024 has been prepared by the Ontario Clean Water Agency. This report is submitted to the Director in accordance with Schedule E Section 4.6 of the Environmental Compliance Approval (ECA) 040-W601. The Owner shall prepare performance reports on a calendar year basis and submit to the Director by March 31 of the calendar year following the period being reported upon.

4.6.3 A summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations.

A comparison of the total flow within the sewage collection system for the past 3 years is captured on the tables and graphs below.

Table 1: Cedarwood (Gauthier) PS Monthly Sewage Collection Flow (m3)

	2022	2023	2024
January	120174.00	157322.00	244296.01
February	175829.00	167661.00	108804.00
March	176239.00	222852.00	131058.00
April	163001.00	164275.00	178491.00
May	161554.00	114739.00	151096.00
June	139852.00	130374.00	134579.00
July	132233.00	177022.00	155298.00
August	150024.00	207019.00	154556.00
September	152868.00	129145.00	132771.00
October	139323.00	138196.00	140557.00
November	117862.00	121212.00	129289.00
December	120819.00	155610.00	172815.00
Total	1749778.00	1885427.00	1833610.01
Average	145814.8	157118.9	152800.8
(Daily) Min	2512.0	2567.0	2815.0
(Daily) Max	9869.0	16620.0	14724.7

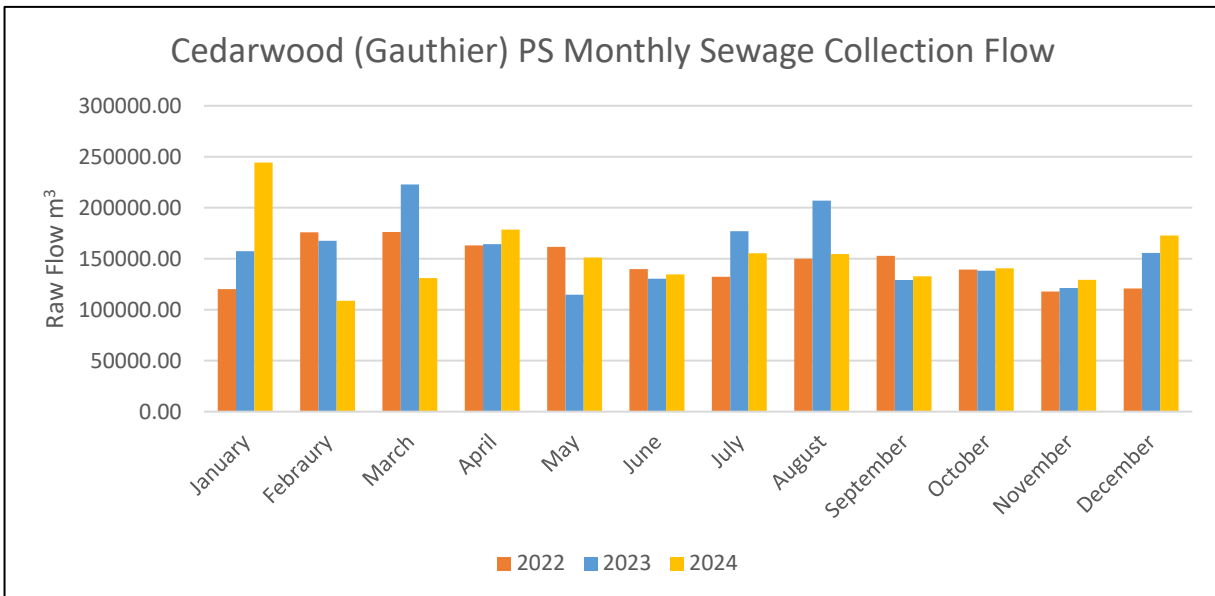


Table 2: Shawnee (Sandwich South) Metering Station Monthly Sewage Collection Flow (m³)

	2022	2023	2024
January	60776.00	112594.00	182268.00
February	117691.00	116246.00	69563.00
March	126768.00	188432.00	86636.00
April	108186.00	130770.00	128167.00
May	95856.00	80740.00	100643.00
June	71971.00	75443.00	70418.00
July	56136.00	101310.00	82373.00
August	48327.00	114551.00	97257.00
September	46519.00	54527.00	62164.00
October	39246.00	64451.00	63260.00
November	44626.00	57120.00	56773.00
December	65649.00	94192.00	102519.00
Total	881751.00	1190376.00	1102041.00
Average	73479.3	99198.0	91836.8
(Daily) Min	1198.0	1441.0	505.0
(Daily) Max	7334.0	10666.0	11453.0

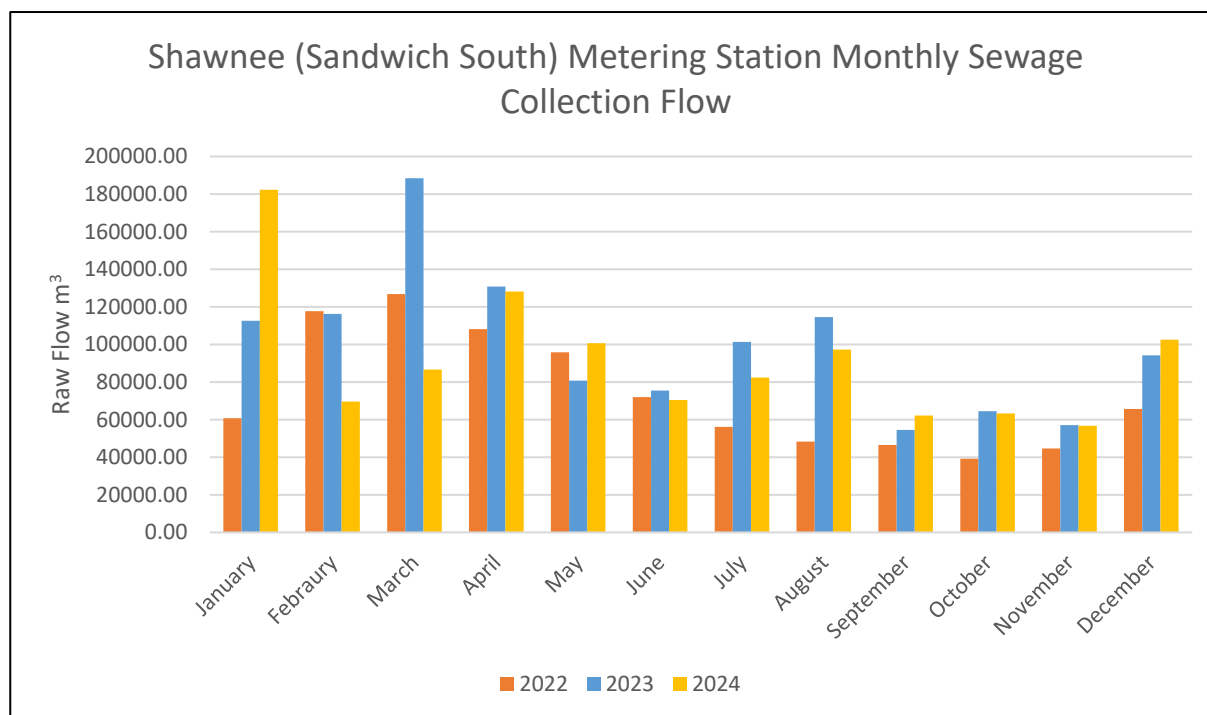


Table 3: 8th Concession Monthly Sewage Collection Flow (m³)

	2022	2023	2024
January	678.00	2018.00	2999.00

February	2450.00	1617.00	952.00
March	2515.00	3133.00	1188.00
April	1540.00	2563.00	2145.00
May	1306.00	1131.00	3613.00
June	595.20	580.00	1853.00
July	254.00	2095.00	2166.00
August	304.00	3090.00	2422.00
September	217.00	443.00	1581.00
October	192.00	536.00	1909.00
November	325.00	579.00	1946.00
December	746.00	1174.00	3498.00
Total	11122.20	18959.00	26272.00
Average	926.9	1579.9	2189.3
(Daily) Min	1.0	4.0	11.0
(Daily) Max	187.0	203.0	240.0

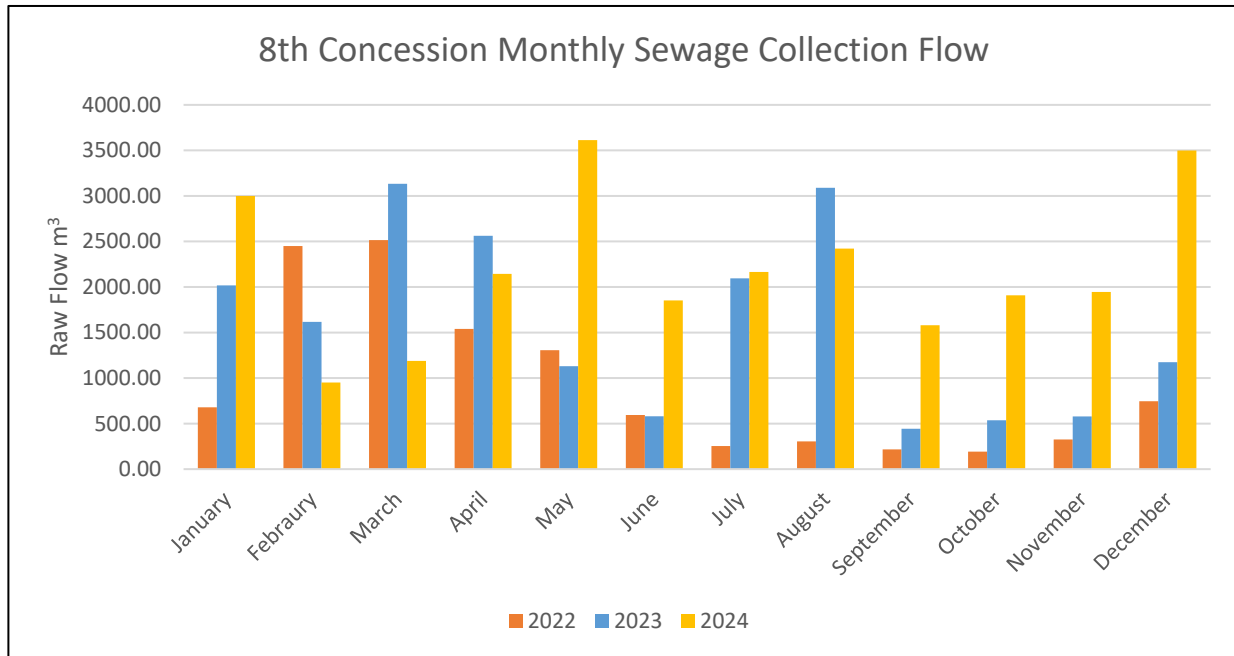


Table 4: Lakewood Monthly Sewage Collection Flow (m³)

	2022	2023	2024
January	57577.00	82962.00	125335.00
February	91433.00	88317.00	60338.00
March	88541.00	115660.00	72866.00
April	81027.00	91408.00	99284.00
May	81217.00	65876.00	90567.00
June	66589.00	69300.00	73582.00
July	54654.00	90225.00	79514.00

August	54639.00	94274.00	71417.00
September	50056.00	53646.00	54554.00
October	44321.00	53933.00	55900.00
November	45152.00	49133.00	52499.00
December	53332.00	72704.00	77238.00
Total	768538.00	927438.00	913094.00
Average	64044.8	77286.5	76091.2
(Daily) Min	1296.0	1345.0	1423.0
(Daily) Max	5647.0	8323.0	6949.0

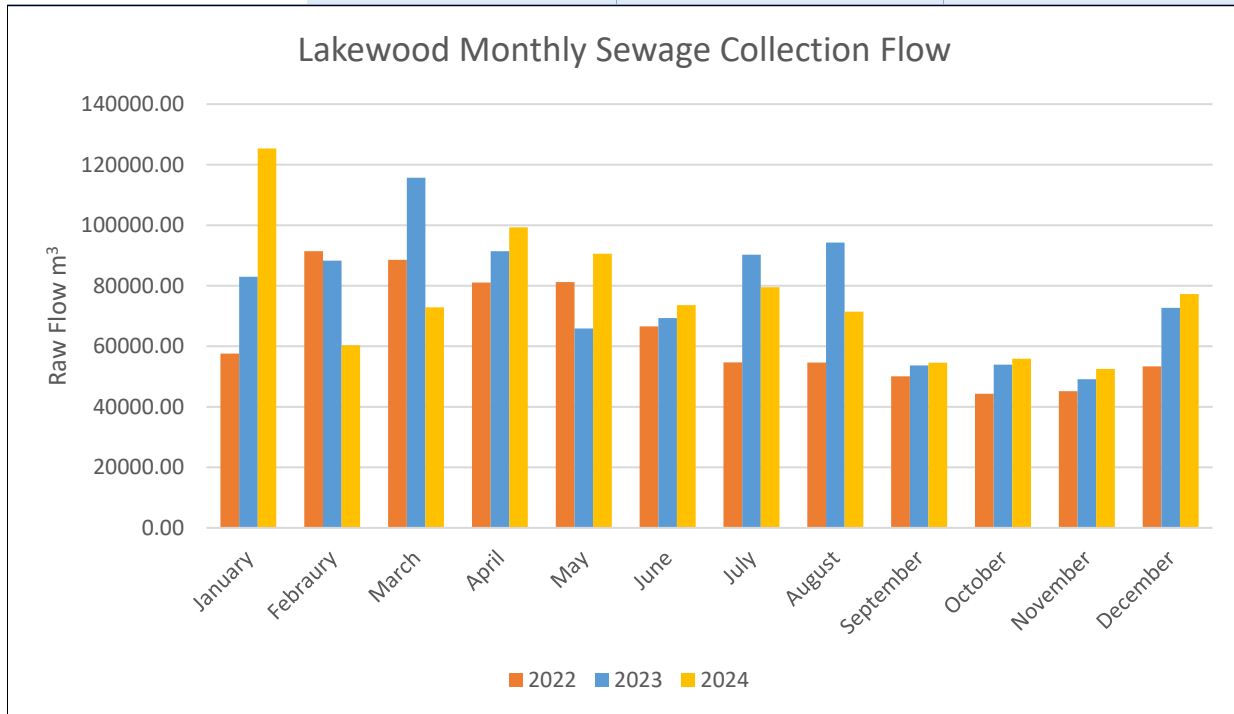
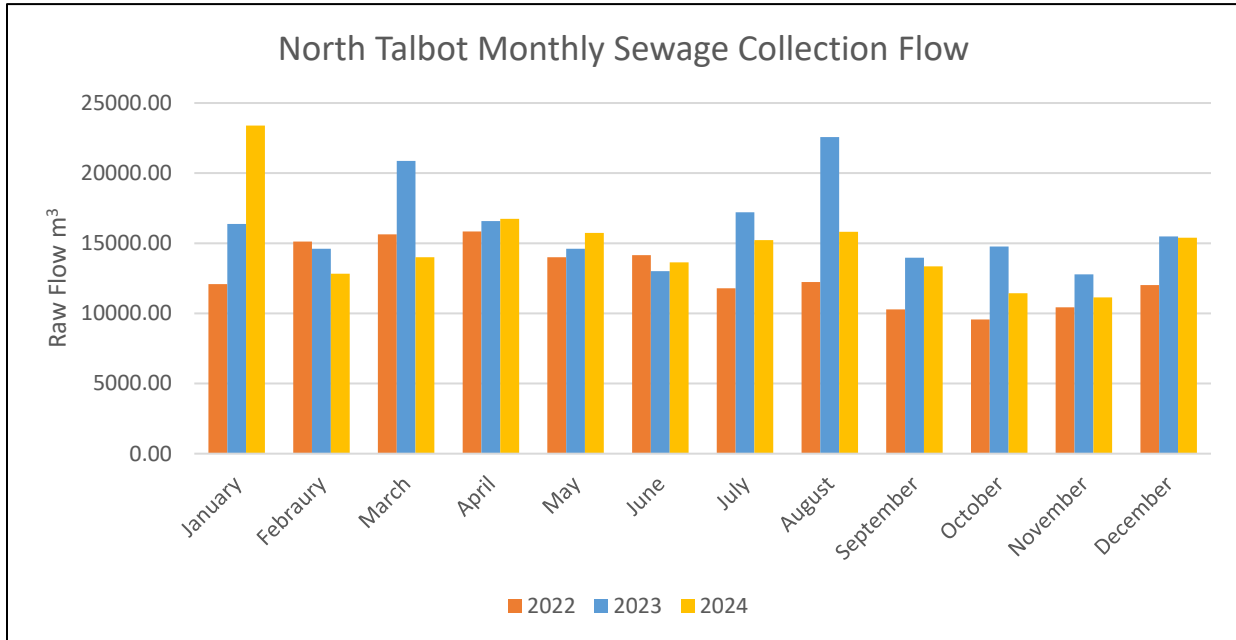


Table 5: North Talbot Monthly Sewage Collection Flow (m³)

	2022	2023	2024
January	12083.00	16378.00	23396.00
February	15120.00	14608.00	12827.00
March	15639.00	20868.00	14000.00
April	15844.00	16584.00	16741.00
May	14000.00	14613.00	15737.00
June	14153.00	13014.00	13635.00
July	11797.00	17214.00	15223.00
August	12234.00	22566.00	15813.00
September	10287.00	13975.00	13357.00
October	9567.00	14765.00	11441.00
November	10434.00	12787.00	11141.00
December	12023.00	15492.00	15400.00

Total	153181.00	192864.00	178711.00
Average	12765.1	16072.0	14892.6
(Daily) Min	290.0	270.0	304.0
(Daily) Max	682.0	1254.0	1356.0



After reviewing the data above, it has been concluded that no modifications to the authorized system or system operations are necessary.

4.6.4 A summary of any operating problems encountered and corrective actions taken.

None to report.

4.6.5 A summary of all calibration, maintenance, and repairs carried out on any major structure, Equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System.

Planned maintenance, including scheduled and non-scheduled maintenance activities are documented using a computerized Work Management System (WMS) that allows user to:

- Enter detailed asset information
- Generate and process work orders
- Access maintenance and inspection procedures
- Plan, schedule, and document all asset related tasks and activities
- Access maintenance records and asset histories

Work orders are automatically generated by the WMS program and are assigned to the applicable operations staff accordingly. A summary of all maintenance carried out in 2024 is attached in Appendix I. The annual flow meter calibrations for the Tecumseh Sewage Collection System were completed in June of 2024 SCG Flowmetrix. Flow meter calibration certificates are included in Appendix II.

4.6.6 A summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.

The Town of Tecumseh receives all complaints or inquiries (service requests) related to sewage works within the Authorized System, including sanitary lateral (service connection) and/or clean out cap issues, foul smell, issues related to maintenance holes, issues related to mainline sewers, and/or miscellaneous (other) items. Complaints are received directly from residents of Tecumseh and records of response activities are kept and maintained within the Town’s Work Management System (CityWorks).

Public Works staff addressed complaints through site visitations, investigation of the lateral within the Municipal Right-of-Way to the mainline sewer (downstream) and private property (upstream) through Closed-Circuit Television (CCTV) inspections to identify any defects or blockages, and administering repair (i.e., patching), maintenance (i.e., flushing, hydro vacuuming, etc.) or replacement if defects or blockages were identified within the Town’s Authorized System beyond repair and/or maintenance. If access to the service connection (clean-out) was not possible, residents were informed to have their property’s service investigated and accessed internally by a certified plumber. If the investigation of the lateral identified defects or blockages in the lateral within private property, residents were informed to have required corrective maintenance or replacement completed privately. If the investigation of the lateral identified defects or blockages in the lateral within Municipal Right-of-Way, the required corrective maintenance or replacement was administered by the Town. The methods for responding to Miscellaneous (other) complaints related to the Authorized System (i.e., appearance, location) is reviewed on a case-by-case basis to determine the most appropriate course of action. Typically, requested information on any applicable Town initiatives and/or Capital Works projects is provided or the work order can be addressed, or the appropriate personnel is involved to address the item. When appropriate, service requests are addressed directly through Capital Works projects. For example, where issues are identified through Capital Works projects, they are dealt with directly through the project. Locations are identified through various sources including road patrols, service requests from the public, operational processes, i.e., driveway permit applications, work orders, and/or capital works or new development projects.

In 2024, the Town received a total of 40 service requests related to sewage works within the Authorized System. Of those 40 service requests, 33 were related to the sewage works within the Authorized System, including sanitary lateral (or service connection) issues (i.e., back-ups, surface/sub-surface settlement, troubles with accessing cleanout), foul smell, maintenance hole issues, and/or mainline sewer issues. The remaining 7 service requests were considered miscellaneous, including unauthorized septic connections, request for service connections, abandonment and capping of service connections in relation to demolition permits, general information requests on the service connection, or restoration. All requests were successfully closed out in accordance with the Town’s procedures mentioned above. Table 6 below provides a summary of service requests received in 2024.

Table 6: CityWorks Service Request Summary for Sewage Collection System

Service Request Type	# of Service Requests
Sewer – Sanitary sewer connection issue	26
Completed	25
In progress	1
Sewer – Maintenance Hole Issue	3
Completed	3
In progress	0

Sewer – Smell/Odour Issue	4
Completed	4
In progress	0
Sewer – Sanitary sewer main issue	0
Completed	0
In progress	0
Sewer – Miscellaneous (other)	7
Completed	7
In progress	0
Pumping Station – Other	0
Completed	0
In progress	0
TOTAL	40
Completed	39
In progress	1

A map depicting the approximate location of service requests received, tracked and managed through CityWorks is provided in Appendix III.

4.6.7 A summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat.

- Delduca Drive Sanitary Sewer Extension
- County Road 46-Webster-Laval Sanitary Sewer Extension

Each Alteration was screened in accordance with the Town of Tecumseh’s “Significant Drinking Water Threat Assessment Report for Proposed Alterations”. None of the Alterations posed a Significant Drinking Water Threat and were authorized by the CLI-ECA under Schedule D.

4.6.8 A summary of all Collection System Overflow(s) and Spill(s) of Sewage, including:

- a) Dates;**
- b) Volumes and durations;**
- c) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E.coli;**
- d) Disinfection, if any; and**
- e) Any adverse impact(s) and any corrective actions, if applicable.**

None to report.

4.6.9 A summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:

- a) A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted.**
- b) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP's timelines.**
- c) An assessment of the effectiveness of each action taken.**
- d) An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives.**
- e) Public reporting approach including proactive efforts.**

None to report.

Appendix I Summary of Maintenance Report

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3723513			5696, St Alphonse Pumping Station	OPER	Inspection	1	YEARS	Daily O&M Activities St. Alphonse Sylvestre (1y) - 5696	COMP	1/1/24 12:00 AM	1/3/25 10:24 AM	1/3/25 10:24 AM	
3723523			5870, Gauthier Pump Station	OPER	Inspection	1	YEARS	Daily O&M Activities Gauthier (1y) - 5870	COMP	1/1/24 12:00 AM	1/3/25 10:27 AM	1/3/25 10:27 AM	
3723545			5921, Lakewood Sewage Pump Station	OPER	Inspection	1	YEARS	Daily O&M Activities Lakewood (1y) - 5921	COMP	1/1/24 12:00 AM	1/3/25 10:26 AM	1/3/25 10:26 AM	
3723550			5922, North Talbot Meter Station	OPER	Inspection	1	YEARS	Daily O&M Activities North Talbot (1y) - 5922	COMP	1/1/24 12:00 AM	1/9/25 07:51 AM	1/9/25 07:51 AM	
3724088			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	1/1/24 12:00 AM	1/11/24 08:25 AM	1/11/24 08:25 AM	
3724202	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	1/1/24 12:00 AM	2/1/24 10:28 AM	2/1/24 10:28 AM	
3724206	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	1/1/24 12:00 AM	2/1/24 10:20 AM	2/1/24 10:20 AM	
3724233	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	1/1/24 12:00 AM	2/1/24 10:24 AM	2/1/24 10:24 AM	
3724252	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	1/1/24 12:00 AM	2/1/24 10:25 AM	2/1/24 10:25 AM	
3724379			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	1/1/24 12:00 AM	2/1/24 10:28 AM	2/1/24 10:28 AM	
3724383			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	1/1/24 12:00 AM	2/1/24 10:20 AM	2/1/24 10:20 AM	
3724401			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	1/1/24 12:00 AM	2/1/24 10:26 AM	2/1/24 10:26 AM	
3728119			5870, Gauthier Pump Station	PM	Inspection	4	MONTHS	Building and Grounds Insp/Service (4m) - 5870	CLOSE	1/1/24 12:00 AM	2/5/24 11:02 AM	2/5/24 11:02 AM	
3728121			5921, Lakewood Sewage Pump Station	PM	Inspection	4	MONTHS	Building and Grounds Insp/Service (4m) - 5921	CLOSE	1/1/24 12:00 AM	2/5/24 11:03 AM	2/5/24 11:03 AM	
3760017			5921, Lakewood Sewage Pump Station	CAP	Refurbish/Replace/Repair	0		lakewood transfer switch inspection	CLOSE		1/8/24 08:27 AM	1/8/24 08:27 AM	- in service
3760018			5870, Gauthier Pump Station	CAP	Refurbish/Replace/Repair	0		gauthier transfer switch inspection	CLOSE		1/8/24 08:26 AM	1/8/24 08:26 AM	

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3761702			5921, Lakewood Sewage Pump Station	CALL	Compliance	0		Call Back-Pump Fault Reset Pump #3 (speed deviation) back in service	CLOSE		1/10/24 01:14 PM	1/10/24 01:21 PM	Back home at 18:45 -
3761715			5921, Lakewood Sewage Pump Station	CALL	Compliance	0		Call Back-Again-pump #3faulted placed in off position informed maintenace staff	CLOSE		1/10/24 01:57 PM	1/10/24 02:00 PM	
3763098			5922, North Talbot Meter Station	CORR	Refurbish/ Replace/Repair	0		inspect north talbot meter station heater	CLOSE		1/24/24 07:58 AM	1/24/24 07:58 AM	- in service
3764346	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	1/26/24 12:00 AM	3/1/24 02:00 PM	3/1/24 02:00 PM	
3765570			5696, St Alphonse Pumping Station	EMER	Refurbish/ Replace/Repair	0		St Alphonse pump 2 jammed. needs to be pulled	CLOSE		3/6/24 09:57 AM	3/6/24 09:57 AM	St Alphonse pump 2 jammed. needs to be pulled - • Assist with pump pull / inspection
3765593			5870, Windsor/ Tecumseh Rendezvous Dr. Metering site	OPER	Administrative	0		Tecumseh WWC System Assets Validations Activity	CLOSE		2/13/24 08:29 AM	2/13/24 08:29 AM	
3777021			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	2/1/24 12:00 AM	2/8/24 07:56 AM	2/8/24 07:56 AM	
3777135	0000150409	PANEL ALARM/ DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	2/1/24 12:00 AM	3/1/24 02:07 PM	3/1/24 02:07 PM	
3777139	0000152599	PANEL ALARM/ DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	2/1/24 12:00 AM	3/1/24 02:00 PM	3/1/24 02:00 PM	
3777166	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	2/1/24 12:00 AM	3/1/24 02:04 PM	3/1/24 02:04 PM	
3777189	0000281504	PANEL ALARM/ DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	2/1/24 12:00 AM	3/1/24 02:04 PM	3/1/24 02:04 PM	
3777308			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	2/1/24 12:00 AM	3/1/24 02:07 PM	3/1/24 02:07 PM	
3777312			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	2/1/24 12:00 AM	3/1/24 02:03 PM	3/1/24 02:03 PM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3777330			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	2/1/24 12:00 AM	3/1/24 02:05 PM	3/1/24 02:05 PM	
3781060			5870, Gauthier Pump Station	PM	Compliance	1	YEARS	FEP Emergency Plan review (1y) - 5870	CLOSE	2/1/24 12:00 AM	4/29/24 08:35 AM	4/29/24 08:35 AM	
3781063			5921, Lakewood Sewage Pump Station	PM	Compliance	1	YEARS	FEP Emergency Plan review (1y) - 5921	CLOSE	2/1/24 12:00 AM	4/29/24 08:40 AM	4/29/24 08:40 AM	Review FEP for completeness with new PCT -
3786134			5921, Lakewood Sewage Pump Station	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary (3m) 5921	CLOSE	2/1/24 12:00 AM	2/13/24 02:35 PM	2/13/24 02:35 PM	Complete 2023 Q4 report - no bypass / overflow events - Submit to MECP and client
3806466	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	2/26/24 12:00 AM	4/8/24 07:54 AM	4/8/24 07:54 AM	
3820357			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	3/1/24 12:00 AM	3/12/24 07:47 AM	3/12/24 07:47 AM	
3820452	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	3/1/24 12:00 AM	4/8/24 08:09 AM	4/8/24 08:09 AM	
3820456	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	3/1/24 12:00 AM	4/8/24 07:55 AM	4/8/24 07:55 AM	
3820483	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	3/1/24 12:00 AM	4/8/24 08:06 AM	4/8/24 08:06 AM	
3820502	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	3/1/24 12:00 AM	4/8/24 08:06 AM	4/8/24 08:06 AM	
3820602			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	3/1/24 12:00 AM	4/8/24 08:10 AM	4/8/24 08:10 AM	
3820606			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	3/1/24 12:00 AM	4/8/24 07:56 AM	4/8/24 07:56 AM	
3820624			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	3/1/24 12:00 AM	4/8/24 08:06 AM	4/8/24 08:06 AM	
3828516			5870, Cedarwood WWC	PM	Compliance	6	MONTHS	Town of Tecumseh FEP Contact List Updates (6m)	CLOSE	3/1/24 12:00 AM	4/8/24 09:03 AM	4/8/24 09:03 AM	Update contact list and put in station FEP binders -

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3847859			Tecumseh Wastewater Collection System	CAP	Compliance	0		CLI-ECA Tecumseh (2024)	COMP		12/30/24 02:04 PM	12/30/24 02:04 PM	
3849193			5870, Gauthier Pump Station	CORR	Refurbish/Replace/Repair	0		station information gauthier ps	CLOSE		3/19/24 08:29 AM	3/19/24 08:29 AM	- information gathered, in service
3849194			5696, St Alphonse Pumping Station	CORR	Refurbish/Replace/Repair	0		station information st alphonse	CLOSE		3/14/24 08:45 AM	3/14/24 08:45 AM	- in service
3849198			5696, Sylvestre Pumping Station	CORR	Refurbish/Replace/Repair	0		replace kellum grip sylvester	CLOSE		3/14/24 08:48 AM	3/14/24 08:48 AM	- replaced grip, in service
3849458			5870, Gauthier Pump Station	OPER	Inspection	0		well inspection and unused electrical clean up	CLOSE		11/29/24 02:09 PM	11/29/24 02:09 PM	
3849939			5696, St Alphonse Pumping Station	CORR	Inspection	0		Inspection of Motor operation at St. Alphonse	CLOSE		3/25/24 01:43 PM	3/25/24 01:43 PM	
3850003			5696, St Alphonse Pumping Station	CORR	Refurbish/Replace/Repair	0		panel inspection st alphonse	CLOSE		3/19/24 08:27 AM	3/19/24 08:27 AM	-in service
3851102	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	3/26/24 12:00 AM	5/15/24 02:07 PM	5/15/24 02:07 PM	
3866524			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	4/1/24 12:00 AM	4/3/24 09:29 AM	4/3/24 09:29 AM	
3866613	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	4/1/24 12:00 AM	5/15/24 02:16 PM	5/15/24 02:16 PM	
3866617	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	4/1/24 12:00 AM	5/15/24 02:07 PM	5/15/24 02:07 PM	
3866648	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	4/1/24 12:00 AM	5/15/24 02:12 PM	5/15/24 02:12 PM	
3866667	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	4/1/24 12:00 AM	5/15/24 02:12 PM	5/15/24 02:12 PM	
3866769			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	4/1/24 12:00 AM	5/15/24 02:16 PM	5/15/24 02:16 PM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3866773			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	4/1/24 12:00 AM	5/15/24 02:08 PM	5/15/24 02:08 PM	
3866791			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	4/1/24 12:00 AM	5/15/24 02:13 PM	5/15/24 02:13 PM	
3892006			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	4/1/24 12:00 AM	5/15/24 02:13 PM	5/15/24 02:13 PM	
3892022			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	4/1/24 12:00 AM	5/15/24 02:09 PM	5/15/24 02:09 PM	
3902708			5696, St Alphonse Pumping Station	OPER	Predictive Maintenance	0		wet well cleaning-st Alphonse and Sylvester	CLOSE		5/15/24 02:16 PM	5/15/24 02:16 PM	
3902710			5921, Lakewood Sewage Pump Station	PM	Predictive Maintenance	0		wet well cleaning	CLOSE		5/15/24 02:14 PM	5/15/24 02:14 PM	
3902712			5870, Gauthier Pump Station	OPER	Predictive Maintenance	0		wet well cleaning	CLOSE		5/15/24 02:09 PM	5/15/24 02:09 PM	
3903692	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	4/26/24 12:00 AM	5/29/24 07:49 AM	5/29/24 07:49 AM	
3919149			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	5/1/24 12:00 AM	5/1/24 12:49 PM	5/1/24 12:49 PM	
3919250	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	5/1/24 12:00 AM	5/29/24 07:56 AM	5/29/24 07:56 AM	
3919254	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	5/1/24 12:00 AM	5/29/24 07:49 AM	5/29/24 07:49 AM	
3919281	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	5/1/24 12:00 AM	5/29/24 07:52 AM	5/29/24 07:52 AM	
3919300	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	5/1/24 12:00 AM	5/29/24 07:52 AM	5/29/24 07:52 AM	
3919403			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	5/1/24 12:00 AM	7/25/24 10:43 AM	7/25/24 10:43 AM	
3919407			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	5/1/24 12:00 AM	5/29/24 07:50 AM	5/29/24 07:50 AM	

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3919425			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	5/1/24 12:00 AM	5/29/24 07:55 AM	5/29/24 07:55 AM	
3922090			5870, Gauthier Pump Station	PM	Inspection	4	MONTHS	Building and Grounds Insp/Service (4m) - 5870	CLOSE	5/1/24 12:00 AM	9/25/24 02:20 PM	9/25/24 02:20 PM	
3922092			5921, Lakewood Sewage Pump Station	PM	Inspection	4	MONTHS	Building and Grounds Insp/Service (4m) - 5921	CLOSE	5/1/24 12:00 AM	9/25/24 02:20 PM	9/25/24 02:20 PM	
3924255	0000134133	METER LEVEL Wet Well 5870-SPGA	5870, Gauthier Pump Station	PM	Calibration	1	YEARS	Meter Level 01 Well Tecumseh PS Insp/Service (1y) - 5870	CLOSE	5/1/24 12:00 AM	5/14/24 09:06 AM	5/14/24 09:06 AM	- in service
3924387	0000150531	VALVE BACKFLOW	5870, Gauthier Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Backflow Insp/Service (1y) - 5870	CLOSE	5/1/24 12:00 AM	8/7/24 07:56 AM	8/7/24 07:56 AM	
3924450	0000260595	UPS UPS-1 BATTERY BANK 5922-WCNT	5922, North Talbot Meter Station	PM	Inspection	1	YEARS	UPS Battery Bank Tecumseh Collect Insp/Service (1y) - 5922	CLOSE	5/1/24 12:00 AM	5/8/24 02:41 PM	5/8/24 02:41 PM	- inspected ups, in service
3928624			5921, Lakewood Sewage Pump Station	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary (3m) 5921	CLOSE	5/1/24 12:00 AM	5/7/24 07:34 AM	5/7/24 07:34 AM	Verify and complete report, sent to MECP -
3940142			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	5/1/24 12:00 AM	6/5/24 07:52 AM	6/5/24 07:52 AM	
3940158			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	5/1/24 12:00 AM	5/29/24 07:50 AM	5/29/24 07:50 AM	
3949631			5696, St Alphonse Pumping Station	CALL	Compliance	0		CALL BACK loss of echo	CLOSE		5/13/24 07:08 AM	5/13/24 07:12 AM	
3951352			5870, Gauthier Pump Station	CORR	Refurbish/ Replace/Repair	0		meet with onyx at gauthier pump station	CLOSE		5/23/24 01:51 PM	5/23/24 01:51 PM	
3951749			5870, Gauthier Pump Station	PM	Inspection	0		Confined spsce entry to investigate loose and crumbling electrical conduit	CLOSE		6/5/24 02:28 PM	6/5/24 02:28 PM	
3951851	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	5/26/24 12:00 AM	6/21/24 02:33 PM	6/21/24 02:33 PM	
3952244			5870, Gauthier Pump Station	CORR	Inspection	0		Gauthier- Gather Info to get Quote For Repairs	CLOSE		6/7/24 07:35 AM	6/7/24 07:35 AM	- Installed new 3C #8AWG Teck cable for Pump 1 and Pump 2. Removed old conduit and wiring that went through the well.

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3966918			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	6/1/24 12:00 AM	6/14/24 12:42 PM	6/14/24 12:42 PM	
3967013	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	6/1/24 12:00 AM	6/21/24 02:38 PM	6/21/24 02:38 PM	
3967017	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	6/1/24 12:00 AM	6/21/24 02:34 PM	6/21/24 02:34 PM	
3967044	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	6/1/24 12:00 AM	6/21/24 02:36 PM	6/21/24 02:36 PM	
3967063	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	6/1/24 12:00 AM	6/21/24 02:36 PM	6/21/24 02:36 PM	
3967163			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	6/1/24 12:00 AM	6/26/24 02:28 PM	6/26/24 02:28 PM	
3967167			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	6/1/24 12:00 AM	6/26/24 02:27 PM	6/26/24 02:27 PM	
3967185			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	6/1/24 12:00 AM	6/26/24 02:28 PM	6/26/24 02:28 PM	
3967963	0000260585	PUMP SUBMERSIBLE 01 ST ALPHONSE PS 5696-SPAL	5696, St Alphonse Pumping Station	PM	Refurbish/Replace/Repair	1	YEARS	Pump Submersible 01 Sandwich S PS Service (1y) - 5696	CLOSE	6/1/24 12:00 AM	8/14/24 07:51 AM	8/14/24 07:51 AM	
3967972	0000260586	PUMP SUBMERSIBLE NORTH WASTEWATER 5696-SPAL	5696, St Alphonse Pumping Station	PM	Refurbish/Replace/Repair	1	YEARS	Pump Submersible 02 Sandwich S PS Service (1y) - 5696	CLOSE	6/1/24 12:00 AM	8/14/24 07:50 AM	8/14/24 07:50 AM	
3972655			5921, Lakewood Sewage Pump Station	PM	Refurbish/Replace/Repair	1	YEARS	Drive VFD 01 Lakewood PS Insp/Service Route (1y) - 5921	CLOSE	6/1/24 12:00 AM	6/11/24 08:57 AM	6/11/24 08:57 AM	- in service
3972676			5696, St Alphonse Pumping Station	PM	Refurbish/Replace/Repair	1	YEARS	St. Alphonse/Sylvestre Bypass Gate Test (1y) - 5696	COMP	6/1/24 12:00 AM	1/2/25 08:21 AM	1/2/25 08:21 AM	
3972678			5870, Gauthier Pump Station	PM	Refurbish/Replace/Repair	1	YEARS	Cedarwood WWC Bypass Gate Test (1y) - 5870	CLOSE	6/1/24 12:00 AM	6/5/24 02:58 PM	6/5/24 02:58 PM	

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3972691	0000150408	METER LEVEL WET WELL PUMP CONTROLLER 5696-SPSY	5696, Sylvestre Pumping Station	PM	Calibration	1	YEARS	Meter Level Sylvester PS Insp/Service (1y) - 5696	CLOSE	6/1/24 12:00 AM	6/7/24 10:01 AM	6/7/24 10:01 AM	- Inspect Meter Level, Tested Confirmed Numbers
3972697	0000281503	METER LEVEL WET WELL PUMP CONTROLLER 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Calibration	1	YEARS	Meter Level Lakewood PS Insp/Service (1y) - 5921	CLOSE	6/1/24 12:00 AM	6/11/24 08:52 AM	6/11/24 08:52 AM	- in service
3972778	0000281506	PUMP SUBMERSIBLE 01 LAKEWOOD PS 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Refurbish/Replace/Repair	1	YEARS	Pump Submersible 01 Lakewood PS Insp/Service (1y) - 5921	CLOSE	6/1/24 12:00 AM	9/11/24 01:48 PM	9/11/24 01:48 PM	
3972787	0000281507	PUMP SUBMERSIBLE 02 LAKEWOOD PS 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Refurbish/Replace/Repair	1	YEARS	Pump Submersible 02 Lakewood PS Insp/Service (1y) - 5921	CLOSE	6/1/24 12:00 AM	9/11/24 01:49 PM	9/11/24 01:49 PM	
3972796	0000281508	PUMP SUBMERSIBLE Out For Repairs (Spare) LAKEWOOD PS 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Refurbish/Replace/Repair	1	YEARS	Pump Submersible 03 Lakewood PS Insp/Service (1y) - 5921	CLOSE	6/1/24 12:00 AM	9/18/24 03:38 PM	9/18/24 03:38 PM	
3972869	0000150407	PUMP SUBMERSIBLE 02 SYLVESTER PS 5696-SPSY	5696, Sylvestre Pumping Station	PM	Refurbish/Replace/Repair	1	YEARS	Pump Cent #2 Sylvester Pump Station Insp/Service (1y) - 5696	COMP	6/1/24 12:00 AM	1/2/25 08:22 AM	1/2/25 08:22 AM	
3972873	0000281512	UPS VFD's PANEL BATTERY BACKUP 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	YEARS	UPS Battery Backup Lakewood PS Insp/Service (1y) - 5921	CLOSE	6/1/24 12:00 AM	6/11/24 08:50 AM	6/11/24 08:50 AM	- tested ups. in service
3989931			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	6/1/24 12:00 AM	6/21/24 02:37 PM	6/21/24 02:37 PM	
3989947			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	6/1/24 12:00 AM	6/21/24 02:34 PM	6/21/24 02:34 PM	
3997319			5870, Gauthier Pump Station	CORR	Refurbish/Replace/Repair	0		Inspect communications fault at gauthier pump station	CLOSE		6/7/24 07:38 AM	6/7/24 07:38 AM	-
4000490			5921, Lakewood Sewage Pump Station	CORR	Inspection	0		Back up Parameters on Meter level Controller Lakewood	CLOSE		6/21/24 07:25 AM	6/21/24 07:25 AM	- Inspected Level controller did a back up of parameters

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4000803			5921, Lakewood Sewage Pump Station	CORR	Refurbish/Replace/Repair	0		lakewood faults on alarm panel	CLOSE		7/5/24 08:09 AM	7/5/24 08:09 AM	- in service
4015381			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	7/1/24 12:00 AM	7/12/24 03:15 PM	7/12/24 03:15 PM	
4015476	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	7/1/24 12:00 AM	7/25/24 10:43 AM	7/25/24 10:43 AM	
4015480	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	7/1/24 12:00 AM	7/25/24 10:31 AM	7/25/24 10:31 AM	
4015499	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	7/1/24 12:00 AM	7/25/24 10:38 AM	7/25/24 10:38 AM	
4015526	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	7/1/24 12:00 AM	7/25/24 10:40 AM	7/25/24 10:40 AM	
4015545	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	7/1/24 12:00 AM	7/25/24 10:41 AM	7/25/24 10:41 AM	
4015645			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	7/1/24 12:00 AM	7/25/24 10:44 AM	7/25/24 10:44 AM	
4015649			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	7/1/24 12:00 AM	7/25/24 10:39 AM	7/25/24 10:39 AM	
4015667			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	7/1/24 12:00 AM	7/25/24 10:41 AM	7/25/24 10:41 AM	
4038658			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	7/1/24 12:00 AM	7/25/24 10:42 AM	7/25/24 10:42 AM	
4038674			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	7/1/24 12:00 AM	7/25/24 10:39 AM	7/25/24 10:39 AM	
4046248			5696, St Alphonse Pumping Station	CORR	Refurbish/Replace/Repair	0		inspect grips at st alphonse	CLOSE		7/31/24 10:38 AM	7/31/24 10:38 AM	- new grips installed. in service
4048372			5870, Gauthier Pump Station	OPER	Refurbish/Replace/Repair	0		Gauthier valve gate problem closing	CLOSE		9/27/24 07:58 AM	9/27/24 07:58 AM	

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4050057			5696, St Alphonse Pumping Station	CORR	Inspection	0		ESA DEFECTS ST. Alphonse PS	CLOSE		8/9/24 02:22 PM	8/9/24 02:22 PM	- PowerServe has installed new junction boxes and new EYS's. All EYS have been poured. Defect is corrected
4050062			5696, Tecumseh 8th Concession Metering Site	CORR	Inspection	0		ESA DEFECTS Concession 8 Meter Station	CLOSE		8/9/24 02:21 PM	8/9/24 02:21 PM	-2 inch conduit on power pole, has 3 damaged straps. Installed 4 new straps on power pole.
4050091			5696, St Alphonse Pumping Station	CORR	Refurbish/ Replace/Repair	0		replace kellum grips at st alphonse	CLOSE		7/31/24 10:40 AM	7/31/24 10:40 AM	- in service
4064057			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	8/1/24 12:00 AM	8/1/24 12:25 PM	8/1/24 12:25 PM	
4064152	0000150409	PANEL ALARM/ DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	8/1/24 12:00 AM	9/25/24 02:21 PM	9/25/24 02:21 PM	
4064156	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	8/1/24 12:00 AM	9/25/24 02:24 PM	9/25/24 02:24 PM	
4064175	0000152599	PANEL ALARM/ DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	8/1/24 12:00 AM	9/25/24 02:24 PM	9/25/24 02:24 PM	
4064202	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	8/1/24 12:00 AM	9/25/24 02:24 PM	9/25/24 02:24 PM	
4064221	0000281504	PANEL ALARM/ DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	8/1/24 12:00 AM	9/24/24 09:24 AM	9/24/24 09:24 AM	
4064319			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	8/1/24 12:00 AM	9/25/24 02:25 PM	9/25/24 02:25 PM	
4064323			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	8/1/24 12:00 AM	9/25/24 02:25 PM	9/25/24 02:25 PM	
4064341			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	8/1/24 12:00 AM	9/25/24 02:25 PM	9/25/24 02:25 PM	

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4073229			5921, Lakewood Sewage Pump Station	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary (3m) 5921	CLOSE	8/1/24 12:00 AM	8/9/24 02:38 PM	8/9/24 02:38 PM	Submitted Quarterly bypass report 08/06/2024 to MECP - Submitted Quarterly bypass report 08/06/2024 to MECP
4084153			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	8/1/24 12:00 AM	9/24/24 09:35 AM	9/24/24 09:35 AM	
4084170			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	8/1/24 12:00 AM	9/24/24 09:36 AM	9/24/24 09:36 AM	
4092288			5696, St Alphonse Pumping Station	CORR	Inspection	0		PowerServe Relocating Power and Control Cables at St. Alphonse	CLOSE		8/8/24 01:05 PM	8/8/24 01:05 PM	- PowerServe Installed 4 new conduits from wet well to Control panel, added two Junction boxes one for Pump Cables one for Floats and IS Relay. Everything has been tested afterwards all in working condition.
4093526			St. Clair Beach Wastewater Collection System	CALL	Inspection	0		Lakewood High Level alarms	COMP		8/10/24 02:40 PM	8/10/24 06:40 PM	- Lakewood going in and out of high level, arrived on site found everything working properly, found pump #3 in off position on panel but still assigned to Lag pump from auto sequence on computer, switched it to out of service, leaving pump 1 and 2 as lead and lag, no more alarms came in after, watching a few cycles all ok
4094868			5696, St Alphonse Pumping Station	CORR	Inspection	0		North Pump 1 Has leakage Fault St. Alphonse	CLOSE		8/23/24 01:59 PM	8/23/24 01:59 PM	- Pump was replaced, And pump that leaks is being sent out for repair
4110386			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	9/1/24 12:00 AM	9/19/24 07:43 AM	9/19/24 07:43 AM	
4110486	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	9/1/24 12:00 AM	10/3/24 02:52 PM	10/3/24 02:52 PM	
4110490	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	9/1/24 12:00 AM	10/3/24 02:47 PM	10/3/24 02:47 PM	

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4110509	0000152599	PANEL ALARM/ DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	9/1/24 12:00 AM	10/3/24 02:47 PM	10/3/24 02:47 PM	
4110536	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	9/1/24 12:00 AM	10/3/24 02:37 PM	10/3/24 02:37 PM	
4110555	0000281504	PANEL ALARM/ DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	9/1/24 12:00 AM	10/3/24 02:38 PM	10/3/24 02:38 PM	
4110652			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	9/1/24 12:00 AM	10/3/24 02:53 PM	10/3/24 02:53 PM	
4110656			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	9/1/24 12:00 AM	10/3/24 02:47 PM	10/3/24 02:47 PM	
4110674			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	9/1/24 12:00 AM	10/3/24 02:38 PM	10/3/24 02:38 PM	
4111439	0000260587	METER LEVEL LIT-01 PUMP LEVEL CONTROLLER 5696- SP01	5696, St Alphonse Pumping Station	PM	Calibration	1	YEARS	Meter Level Sewage Alphonse Insp (1y) - 5696	CLOSE	9/1/24 12:00 AM	9/5/24 07:52 AM	9/5/24 07:52 AM	- in service
4113429			5870, Gauthier Pump Station	PM	Inspection	4	MONTHS	Building and Grounds Insp/Service (4m) - 5870	CLOSE	9/1/24 12:00 AM	10/18/24 02:12 PM	10/18/24 02:12 PM	
4113431			5921, Lakewood Sewage Pump Station	PM	Inspection	4	MONTHS	Building and Grounds Insp/Service (4m) - 5921	CLOSE	9/1/24 12:00 AM	10/18/24 02:13 PM	10/18/24 02:13 PM	
4115807	0000150406	PUMP SUBMERSIBLE 01 SYLVESTER PS 5696- SPSY	5696, Sylvestre Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent #1 Sylvester Pump Station Insp/Service (1y) - 5696	COMP	9/1/24 12:00 AM	1/2/25 08:30 AM	1/2/25 08:30 AM	
4115820	0000150674	UPS BATTERY BACK- UP 5696-WCSH	5696, Shawnee Meter Station	PM	Inspection	1	YEARS	UPS Sandwich South Meter Station Insp/Service (1y) - 5696	CLOSE	9/1/24 12:00 AM	9/5/24 07:53 AM	9/5/24 07:53 AM	- test ups in service
4115831	0000134132	RECORDER CHART 7 DAY PAPER WET WELL LEVEL 5870- SPGA	5870, Gauthier Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Recorder Chart Level Tecumseh PS Insp/Service (1y) - 5870	CLOSE	9/1/24 12:00 AM	11/7/24 07:41 AM	11/7/24 07:41 AM	- in service

Workorder Summary Report

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

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

Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4119444			5870, Cedarwood WWC	PM	Compliance	6	MONTHS	Town of Tecumseh FEP Contact List Updates (6m)	CLOSE	9/1/24 12:00 AM	9/20/24 01:28 PM	11/1/24 10:43 AM	Contact List Update - Updated MECP Officer Contact Updated SPS Manager Contact Updated ORO Contact to Just Greg Badder Updated PCT to Myself Updated H&S Rep to Scott Updated Phone Number for Town of Tecumseh Rep Added in Hawley Anderson to SGS Contact List Completed 10/31/24
4132781			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	9/1/24 12:00 AM	10/3/24 02:39 PM	10/3/24 02:39 PM	
4132797			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	9/1/24 12:00 AM	10/3/24 02:46 PM	10/3/24 02:46 PM	
4133440			Tecumseh Wastewater Collection System	PM	Compliance	1	YEARS	Creation of Sampling Calendar (Tecumseh Collection System)	CLOSE	9/1/24 12:00 AM	10/28/24 09:59 AM	11/8/24 01:34 PM	WO Completed - Completed Sample Calendars for Tecumseh Collection 11/07/24
4143180			5696, St Alphonse Pumping Station	CORR	Inspection	0		meet electrical inspector st alphonse	CLOSE		9/10/24 11:29 AM	9/10/24 11:29 AM	- in service
4143268			5921, Lakewood Sewage Pump Station	CORR	Inspection	0		Lakewood Pump Pull	CLOSE		9/17/24 11:25 AM	9/17/24 11:25 AM	-Found Rails in Pump 3 location damaged and have separated. Repaired Rails, then dropped pump in. Tested everything good to go!
4143509			5921, Lakewood Sewage Pump Station	CORR	Refurbish/ Replace/Repair	0		meet with security one lakewood alarm issue	CLOSE		9/18/24 02:51 PM	9/18/24 02:51 PM	- in service
4144412			5921, Lakewood Sewage Pump Station	CORR	Refurbish/ Replace/Repair	0		Lakewood rail repair	CLOSE		9/17/24 11:28 AM	9/17/24 11:28 AM	
4144557			5921, Lakewood Sewage Pump Station	OPER	Predictive Maintenance	0		wet well cleaning-lakewood,st alphonse,sylvester	CLOSE		10/3/24 02:40 PM	10/3/24 02:40 PM	
4146233			5870, Gauthier Pump Station	CORR	Refurbish/ Replace/Repair	0		gauthier communication issues with keypad	CLOSE		10/15/24 07:59 AM	10/15/24 07:59 AM	- in service
4159940			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	10/1/24 12:00 AM	10/4/24 08:02 AM	10/4/24 08:02 AM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4160035	0000150409	PANEL ALARM/ DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	10/1/24 12:00 AM	11/1/24 01:33 PM	11/1/24 01:33 PM	
4160039	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	10/1/24 12:00 AM	11/1/24 01:26 PM	11/1/24 01:26 PM	
4160058	0000152599	PANEL ALARM/ DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	10/1/24 12:00 AM	11/1/24 01:26 PM	11/1/24 01:26 PM	
4160089	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	10/1/24 12:00 AM	11/1/24 01:19 PM	11/1/24 01:19 PM	
4160108	0000281504	PANEL ALARM/ DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	10/1/24 12:00 AM	11/1/24 01:23 PM	11/1/24 01:23 PM	
4160205			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	10/1/24 12:00 AM	11/1/24 01:32 PM	11/1/24 01:32 PM	
4160209			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	10/1/24 12:00 AM	11/1/24 01:27 PM	11/1/24 01:27 PM	
4160227			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	10/1/24 12:00 AM	11/1/24 01:24 PM	11/1/24 01:24 PM	
4165696			5870, Gauthier Pump Station	PM	HEALTH AND SAFETY	1	YEARS	Fire Extinguisher Cedarwood WWC Inspection/Service (1y) - 5870	COMP	10/1/24 12:00 AM	1/27/25 09:40 AM	1/27/25 09:40 AM	
4165705			5921, Lakewood Sewage Pump Station	PM	HEALTH AND SAFETY	1	YEARS	Fire Extinguisher St. Clair Beech WWC Inspection/Service (1y) - 5921	COMP	10/1/24 12:00 AM	1/27/25 09:41 AM	1/27/25 09:41 AM	
4165714			5870, Gauthier Pump Station	PM	Compliance	2	YEARS	FEP Site Contingency Plan Review Cedarwood (2y) - 5870	COMP	10/1/24 12:00 AM	11/1/24 10:23 AM	12/20/24 11:20 AM	Gauthier Pump Station FEP Binder Done -Contact List has been updated in FEP binder and corrections have been documented and now placed back in Gauthier Pump Station.
4165975	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Genset Lakewood PS Insp/Service (1y) - 5921	CLOSE	10/1/24 12:00 AM	11/7/24 02:18 PM	11/7/24 02:18 PM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4183945			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	10/1/24 12:00 AM	11/1/24 01:24 PM	11/1/24 01:24 PM	
4183961			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	10/1/24 12:00 AM	11/1/24 01:30 PM	11/1/24 01:30 PM	
4192987			5870, Gauthier Pump Station	CORR	Inspection	0		Gauthier, 1st Stage, 2nd Stage floats backwards	CLOSE		10/10/24 02:18 PM	10/10/24 02:18 PM	
4194024			5696, St Alphonse Pumping Station	CALL	Refurbish/ Replace/Repair	0		Call In - St. Alphonse Loss Of Echo - 5696	CLOSE		10/11/24 04:40 PM	10/11/24 05:30 PM	Call In - St. Alphonse Loss Of Echo - 5696 - Oct. 11, 2024 <ul style="list-style-type: none">• Call in at 16:40 - Loss of Echo• Level indicator reading was just -----• Powered off station to reboot level indicator• Still read -----• Tapped on level indicator and it started to read properly and pumped down station to normal level
4194486	0000260587	METER LEVEL LIT-01 PUMP LEVEL CONTROLLER 5696-SP01	5696, St Alphonse Pumping Station	CORR	Inspection	0		Need to Inspect Milltronics, Had Loss of ECHO	CLOSE		10/18/24 07:56 AM	10/18/24 07:56 AM	- Inspected wiring for Milltronics, Inspected the head in the well. Was told the screen on Milltronics was blank, causing a loss of echo. Found no issues onsite
4195711			5870, Gauthier Pump Station	CORR	Refurbish/ Replace/Repair	0		Emergency Light In Generator has Failed Gauthier PS	CLOSE		11/4/24 01:48 PM	11/4/24 01:48 PM	- replace emergency light., in service
4208745			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	CLOSE	11/1/24 12:00 AM	11/28/24 11:42 AM	11/28/24 11:42 AM	
4208861	0000150409	PANEL ALARM/ DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	CLOSE	11/1/24 12:00 AM	11/29/24 02:20 PM	11/29/24 02:20 PM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4208865	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	CLOSE	11/1/24 12:00 AM	11/29/24 02:10 PM	11/29/24 02:10 PM	
4208884	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	CLOSE	11/1/24 12:00 AM	11/29/24 02:10 PM	11/29/24 02:10 PM	
4208917	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	CLOSE	11/1/24 12:00 AM	11/29/24 02:12 PM	11/29/24 02:12 PM	
4208940	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	CLOSE	11/1/24 12:00 AM	11/29/24 02:12 PM	11/29/24 02:12 PM	done november 22 2024
4209112			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	CLOSE	11/1/24 12:00 AM	11/29/24 02:20 PM	11/29/24 02:20 PM	
4209116			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	CLOSE	11/1/24 12:00 AM	11/29/24 02:11 PM	11/29/24 02:11 PM	
4209134			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	CLOSE	11/1/24 12:00 AM	11/29/24 02:14 PM	11/29/24 02:14 PM	
4213636	0000281505	METER FLOW F/M RAW SEWAGE 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Refurbish/Replace/Repair	1	YEARS	Meter Flow Sewage Lakewood PS Insp/Service (1y) - 5921	COMP	11/1/24 12:00 AM	12/9/24 08:41 AM	12/9/24 08:41 AM	- Calibrations were done in July, 2024
4213639	0000260594	METER FLOW WASTEWATER 5922-WCNT	5922, North Talbot Meter Station	PM	Refurbish/Replace/Repair	1	YEARS	Meter Flow North Talbot Collection Insp/Service (1y) - 5922	COMP	11/1/24 12:00 AM	12/9/24 08:42 AM	12/9/24 08:42 AM	- Calibrations were done in July, 2024
4217421			5921, Lakewood Sewage Pump Station	PM	Compliance	3	MONTHS	MECP Overflow & Bypass Event Summary (3m) 5921	CLOSE	11/1/24 12:00 AM	11/8/24 01:40 PM	11/8/24 01:40 PM	WO Completed - Overflow bypass report submitted to MECP and Client no Overflows for 3rd Quarter
4227645			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	CLOSE	11/1/24 12:00 AM	11/29/24 02:15 PM	11/29/24 02:15 PM	
4227661			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	CLOSE	11/1/24 12:00 AM	11/29/24 02:11 PM	11/29/24 02:11 PM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4228246			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Monthly Facility Walkthrough (1m) - Lakeshore / Tecumseh	COMP	11/1/24 12:00 AM	12/9/24 02:48 PM	12/9/24 02:48 PM	WO DONE - Monthly Compliance inspection completed at Gauthier Pump Station. Only one item found that is of concern was eye wash station being updated. WO Done - Checked Belle River Station 2. Again only issue was EYE wash station not being Checked
4250779			5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Pump Screw Insp/Service Route (1m/1y/3y) - 5870	COMP	12/1/24 12:00 AM	1/2/25 08:34 AM	1/2/25 08:34 AM	
4250874	0000150409	PANEL ALARM/DIALER PUMPING STATION 5696-SPSY	5696, Sylvestre Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5696	COMP	12/1/24 12:00 AM	12/20/24 09:28 AM	12/20/24 09:28 AM	
4250878	0000134136	ENGINE DIESEL GENSET TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5870	COMP	12/1/24 12:00 AM	12/20/24 09:15 AM	12/20/24 09:15 AM	
4250897	0000152599	PANEL ALARM/DIALER TECUMSEH PS	5870, Gauthier Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5870	COMP	12/1/24 12:00 AM	12/20/24 09:14 AM	12/20/24 09:14 AM	
4250924	0000281514	ENGINE DIESEL GENSET LAKEWOOD PS	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5921	COMP	12/1/24 12:00 AM	12/20/24 09:25 AM	12/20/24 09:25 AM	
4250943	0000281504	PANEL ALARM/DIALER PUMPING STATION 5921-SPLW	5921, Lakewood Sewage Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Insp/Test (1m) - 5921	COMP	12/1/24 12:00 AM	12/20/24 09:26 AM	12/20/24 09:26 AM	
4251040			5696, St Alphonse Pumping Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5696	COMP	12/1/24 12:00 AM	12/20/24 09:28 AM	12/20/24 09:28 AM	
4251044			5870, Gauthier Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5870	COMP	12/1/24 12:00 AM	12/20/24 09:14 AM	12/20/24 09:14 AM	
4251062			5921, Lakewood Sewage Pump Station	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 5921	COMP	12/1/24 12:00 AM	12/20/24 09:26 AM	12/20/24 09:26 AM	

Workorder Summary Report

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

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

 Location: 5696,5696-SPAL,5696-SPSY,5696-WCSH,5696-WCT8,5870,5870-SPGA,5870-WCCW,5870-WCRE,5921,5921-SPLW,5921-WCSL,
 5922,5922-WCNT

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4269038			5921, St. Clair Beach Wastewater Collection System	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher St. Clair Beach Inspection (1m) - 5516	COMP	12/1/24 12:00 AM	12/20/24 09:27 AM	12/20/24 09:27 AM	
4269054			5870, Cedarwood WWC	PM	HEALTH AND SAFETY	1	MONTHS	Fire Extinguisher Cedarwood Inspection (1m) - 5870	COMP	12/1/24 12:00 AM	12/20/24 09:14 AM	12/20/24 09:14 AM	
4276487			Cedarwood WWC	CAP	Administrative	0		Tecumseh CR46-W and WW Client Project ORG # 5870	COMP		12/23/24 10:14 AM	12/23/24 10:14 AM	

Appendix II Flow Meter Calibration Certificates



AS FOUND CERTIFICATION
FORWARD FLOW DIRECTION
PASS

CLIENT DETAIL		EQUIPMENT DETAIL	
CUSTOMER	OCWA - Essex Region, Belle River Cluster	[MUT] MANUFACTURER	ENDRESS & HAUSER
CONTACT	Mark Zdunic Instrument Tech 276 Rourke Line Rd. Belle River, ON, Canada, N0R 1A0 Cell: 226-757-4649 Email: mzdunic@ocwa.com	MODEL	Promag
		CONVERTER S/N:	HB02C916000
		DISCONNECT	Pull Plug on Unit
		PLANT ID	Lakewood P/S
		METER ID	Station Flow Meter
		FIT ID	N/A
		CLIENT TAG	OCWA# 281505
		OTHER	ORG N/A
		GPS COORDINATES	N42 17.453 W082 43.979
VER. BY - FM	Paris Machuk	VERIFICATION DATE	June 26, 2024
Quality Management Standards Information - Reference equipment and instrumentation used to conduct this verification test is found in our AC-QMS document at the time this test was conducted.		CAL. FREQUENCY	Annual
		CAL. DUE DATE	June, 2025

PROGRAMMING PARAMETERS			FORWARD TOTALIZER INFORMATION		
DIAMETER (DN)	mm	350	AS FOUND	8748356	M3
F.S. FLOW - MAG	LPS	962.084	AS LEFT	8748468	M3
F.S. RANGE - O/P	LPS	300.000	DIFFERENCE	112	M3
TUBE k-FACTOR		0.85000			
TUBE zero		0			
			TEST CRITERIA		
			AS FOUND CERTIFICATION TEST	Yes	
			FORWARD FLOW DIRECTION	Yes	
			ALLOWABLE [%] ERROR	15	
			COMPONENTS TESTED		
			CONVERTER DISPLAY	yes	
			mA OUTPUT	yes	
			TOTALIZER	yes	
			ACCURACY BASED ON [% o.r.]	yes	
			ERROR DOCUMENTED IN THIS REPORT; BASED ON % o.r.		

FLOW TUBE SIMULATION							
		0.0	75.0	150.0	225.0	300.0	LPS
		0.0	7.8	15.6	23.4	31.2	% F.S. Flow
		0.0	25.0	50.0	75.0	100.0	% F.S. Range
REF. FLOW RATE		0.000	75.000	150.000	225.000	300.000	LPS
MUT [Reading]		0.000	74.897	149.92	224.61	299.59	LPS
MUT [Difference]		0.000	-0.103	-0.080	-0.390	-0.410	LPS
MUT [% Error]		n/a	-0.14	-0.05	-0.17	-0.14	% O.R
mA OUTPUT		4.000	8.000	12.000	16.000	20.000	mA
MUT [Reading]	min. 4 mA	3.999	7.991	11.992	15.976	19.973	mA
MUT [Difference]	max. 20 mA	-0.001	-0.009	-0.008	-0.024	-0.027	mA
MUT [% Error]		n/a	-0.11	-0.07	-0.15	-0.14	% O.R
TOTALIZER - REF. FLOW RATE						300.000	LPS
TOTALIZER [MUT]						24	M3
TEST TIME						81.92	SECONDS
CALC. TOTALIZER						24.576	M3
ERROR						-2.40	%

COMMENTS	QUALITY MANAGEMENT STANDARDS INFO.			RESULTS		
	[QMS] INFORMATION	IDENT.	ID #	TEST	AVG % o.r.	PASS FAIL
	[REFERENCE] FTS	E&H (FC)	1			
	PROCESS METER	DMM	20	DISPLAY	-0.13	PASS
	ANALOG METER	AM	N/A	mA OUTPUT	-0.12	PASS
	STOP WATCH	SW	Yes	TOTALIZER - R	-2.40	PASS

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



AS LEFT CERTIFICATION

PASS

CLIENT DETAIL

CUSTOMER OCWA - Essex Region, Belle River Cluster
CONTACT Mark Zdunic
Instrument Tech
276 Rourke Line Rd.
Belle River, ON, Canada, N0R 1A0
Cell: 226-757-4649
Email: mzdunic@ocwa.com

EQUIPMENT DETAIL

[MUT] MANUFACTURER Siemens-Milltroncs
MODEL OCM III
CONVERTER SERIAL NUMBER PBD/B5090220

PLANT ID Concession Rd #8
METER ID Flow Meter - Palmer Bowlus - Modified
FIT ID FIT-501
CLIENT TAG OCWA# 359024
OTHER N/A
GPS COORDINATES N42 14.694 W082 56.826

VERIFICATION DATE June 26, 2024
CAL. FREQUENCY Annual
CAL. DUE DATE June, 2025

VER. BY - FM Paris Machuk

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

PROGRAMMING PARAMETERS

THROAT DIMENSION (DN)	inches	24
EMPTY DISTANCE	m	1.037
MAX. HEAD	m	0.4513
BLANKING DISTANCE	m	0.305
DEAD ZONE	m	0.586
MAX. FLOW	LPS	325.000
F.S. RANGE - O/P	LPS	325.0
OFFSET	m	0.115

TOTALIZER

AS FOUND	109920	M3
AS LEFT	109974	M3
DIFFERENCE	54	M3

TEST CRITERIA

AS FOUND CERTIFICATION TEST	No
ALLOWABLE [%] ERROR	15

COMPONENTS TESTED

CONVERTER DISPLAY	yes
mA OUTPUT	yes
TOTALIZER	yes
ACCURACY BASED ON [% o.r.]	no
ERROR DOCUMENTED IN THIS REPORT; BASED ON % F.S.	

Ultrasonic sensor installed to ensure full scale flow condition

AS FOUND TEST RESULTS

		1.6	6.0	21.9	46.6	79.8	% Max. Flow
		0.050	0.100	0.200	0.300	0.400	m
REF. FLOW RATE		5.334	19.469	71.067	151.567	259.412	LPS
MUT [Reading]		3.02	15.90	65.91	143.25	250.92	LPS
MUT [Difference]		-2.315	-3.567	-5.161	-8.317	-8.492	LPS
MUT [% Error]		-0.71	-1.10	-1.59	-2.56	-2.61	%
mA OUTPUT		4.263	4.958	7.499	11.462	16.771	mA
MUT [Reading]	min. 4.000 mA	4.155	4.791	7.261	11.046	16.330	mA
MUT [Difference]	max. 20.000 mA	-0.108	-0.167	-0.238	-0.416	-0.441	mA
MUT [% Error]		-0.54	-0.84	-1.19	-2.08	-2.21	%
TOTALIZER - REF. FLOW RATE						259.412	LPS
TOTALIZER [MUT]						15	M3
TEST TIME						60.59	SECONDS
CALC. TOTALIZER						15.718	M3
ERROR						-4.79	%

COMMENTS

Equation Based on Builders Specifications (Monitario)
 $I/s=325*(\text{head-cm}/45.13)^{1.868}$
Head-cm L/S
5 5.33
10 19.47
20 71.07
30 151.57
40 259.41

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] LEVEL	Sim. BOARD	Yes
PROCESS METER	DMM	20
STOP WATCH	SW	Yes

RESULTS

TEST	AVG %FS	PASS FAIL
DISPLAY	-1.96	PASS
mA OUTPUT	-1.37	PASS
TOTALIZER	-4.79	PASS

** NOTE: these are expected values, the test above is in comparison to these values.

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



AS LEFT CERTIFICATION

PASS

CLIENT DETAIL		EQUIPMENT DETAIL	
CUSTOMER	OCWA - Essex Region, Belle River Cluster	[MUT] MANUFACTURER	Siemens-Milltroncs
CONTACT	Mark Zdunic Instrument Tech 276 Rourke Line Rd. Belle River, ON, Canada, N0R 1A0 Cell: 226-757-4649 Email: mzdunic@ocwa.com	MODEL	OCM III
		CONVERTER SERIAL NUMBER	PBD/A3100295
		PLANT ID	North Talbot Flow
		METER ID	Flow Meter -Palmer Bowlus -Modified
		FIT ID	FIT0401
		CLIENT TAG	OCWA# 260594
		OTHER	N/A
		GPS COORDINATES	N42 18.337 W082 53.434
VER. BY - FM	Paris Machuk	VERIFICATION DATE	June 26, 2024
Quality Management Standards Information - Reference equipment and instrumentation used to conduct this verification test is found in our AC-QMS document at the time this test was conducted.		CAL. FREQUENCY	Annual
		CAL. DUE DATE	June, 2025

PROGRAMMING PARAMETERS				TOTALIZER	
THROAT DIMENSION (DN)	inches	24		AS FOUND	2424736 M3
EMPTY DISTANCE	m	0.790		AS LEFT	2424831 M3
MAX. HEAD	m	0.450		DIFFERENCE	95 M3
BLANKING DISTANCE	m	0.305		TEST CRITERIA	
DEAD ZONE	m	0.340		AS FOUND CERTIFICATION TEST	No
MAX. FLOW	LPS	250.000		ALLOWABLE [%] ERROR	15
F.S. RANGE - O/P	LPS	250.0		COMPONENTS TESTED	
OFFSET	m	0.077		CONVERTER DISPLAY	yes
				mA OUTPUT	yes
				TOTALIZER	yes
				ACCURACY BASED ON [% o.r.]	No
				ERROR DOCUMENTED IN THIS REPORT; BASED ON % F.S.	

Ultrasonic sensor installed to ensure full scale flow condition

AS FOUND TEST RESULTS

		6.0	22.1	47.1	80.6	96.3	% Max. Flow
		0.100	0.200	0.300	0.400	0.440	m
REF. FLOW RATE		15.117	55.18	117.69	201.43	240.68	LPS
MUT [Reading]		29.584	78.43	148.16	239.03	278.20	LPS
MUT [Difference]		14.467	23.25	30.47	37.60	37.52	LPS
MUT [% Error]		5.79	9.30	12.19	15.04	15.01	%
mA OUTPUT		4.968	7.532	11.532	16.891	19.404	mA
MUT [Reading]	min. 4.000 mA	5.881	9.003	13.514	19.313	20.994	mA
MUT [Difference]	max. 20.000 mA	0.913	1.471	1.982	2.422	1.590	mA
MUT [% Error]		n/a	7.36	9.91	12.11	7.95	%
TOTALIZER - REF. FLOW RATE						240.681	LPS
TOTALIZER [MUT]						17	M3
TEST TIME						61.23	SECONDS
CALC. TOTALIZER						14.737	M3
ERROR						13.31	%

COMMENTS		QUALITY MANAGEMENT STANDARDS INFO.			RESULTS		
Equation Based on Construction Drawings		[QMS] INFORMATION	IDENT.	ID #	TEST	AVG %FS	PASS FAIL
l/s=(head(cm)/45^1.868x251		[REFERENCE] LEVEL	Sim. BOARD	n/a			
10	15.117	PROCESS METER	PM	n/a	DISPLAY	12.88	PASS
20	55.182	STOP WATCH	SW	n/a	mA OUTPUT	9.33	PASS
30	117.69				TOTALIZER	13.31	PASS
40	201.43	NOTE: miscommunication on which site we were at - used the offset of Conc. Rd. 8 which is					
44	240.68	111mm which should have been 77mm - above results are with 111mm offset inflating values					
** NOTE: these are expected values, the test above is in comparison to these values.							

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



AS LEFT CERTIFICATION

PASS

CLIENT DETAIL

CUSTOMER OCWA - Essex Region, Belle River Cluster
CONTACT Mark Zdunic
Instrument Tech
276 Rourke Line Rd.
Belle River, ON, Canada, N0R 1A0
Cell: 226-757-4649
Email: mzdunic@ocwa.com

EQUIPMENT DETAIL

[MUT] MANUFACTURER Siemens-Milltroncs
MODEL OCM III
CONVERTER SERIAL NUMBER PBD/W5140125

PLANT ID Sandwich South Sewage
METER ID Flow Meter -Palmer Bowlus -Modified
FIT ID N/A
CLIENT TAG OCWA# 359032
OTHER N/A
GPS COORDINATES N42 18.337 W082 53.434

VERIFICATION DATE June 26, 2024
CAL. FREQUENCY Annual
CAL. DUE DATE June, 2025

VER. BY - FM Paris Machuk

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

PROGRAMMING PARAMETERS

THROAT DIMENSION (DN)	inches	24
EMPTY DISTANCE	m	0.930
MAX. HEAD	m	0.450
BLANKING DISTANCE	m	0.470
DEAD ZONE	m	0.480
MAX. FLOW	LPS	250.000
F.S. RANGE - O/P	LPS	250.0
OFFSET	m	0.07

TOTALIZER

AS FOUND	17099296	M3
AS LEFT	17099401	M3
DIFFERENCE	105	M3

TEST CRITERIA

AS FOUND CERTIFICATION TEST	No
ALLOWABLE [%] ERROR	15

COMPONENTS TESTED

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

Ultrasonic sensor installed to ensure full scale flow condition

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

AS FOUND TEST RESULTS

		22.1	33.5	47.1	80.6	100.4	% Max. Flow
		0.200	0.250	0.300	0.400	0.450	m
REF. FLOW RATE		55.182	83.72	117.69	201.43	251.00	LPS
MUT [Reading]		51.448	78.45	111.07	190.77	239.79	LPS
MUT [Difference]		-3.734	-5.27	-6.62	-10.66	-11.21	LPS
MUT [% Error]		-1.49	-2.11	-2.65	-4.26	-4.48	%
mA OUTPUT		7.532	9.358	11.532	16.891	20.064	mA
MUT [Reading]	min. 4.000 mA	7.338	9.065	11.135	16.226	19.366	mA
MUT [Difference]	max. 20.000 mA	-0.194	-0.293	-0.397	-0.665	-0.698	mA
MUT [% Error]		-0.97	-1.47	-1.99	-3.33	-3.49	%
TOTALIZER - REF. FLOW RATE						251.000	LPS
TOTALIZER [MUT]						15	M3
TEST TIME						60.92	SECONDS
CALC. TOTALIZER						15.291	M3
ERROR						-1.94	%

COMMENTS

Equation Based on Construction Drawings
 $I/s=(\text{head}(\text{cm})/45^*1.868x251$
0cm 55.182
20cm 83.719
30cm 117.69
40cm 201.43
45cm' 251

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] LEVEL	Sim. BOARD	Yes
PROCESS METER	PM	20
STOP WATCH	SW	Yes

RESULTS

TEST	AVG %FS	PASS FAIL
DISPLAY	-3.38	PASS
mA OUTPUT	-2.25	PASS
TOTALIZER	-1.94	PASS

** NOTE: these are expected values, the test above is in comparison to these values.

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



AS FOUND CERTIFICATION

PASS

CLIENT DETAIL		EQUIPMENT DETAIL	
CUSTOMER	OCWA - Essex Region, Belle River Cluster	[MUT] MANUFACTURER	Siemens
CONTACT	Mark Zdunic Instrument Tech 276 Rourke Line Rd. Belle River, ON, Canada, N0R 1A0 Cell: 226-757-4649 Email: mzdunic@ocwa.com	MODEL	LUT440
		CONVERTER SERIAL NUMBER	PBD/JN140130
		PLANT ID	Cedarwood PS
		METER ID	Station Flow
		FIT ID	n/a
		CLIENT TAG	N/A
		OTHER	N/A
		GPS COORDINATES	N42 19.573 W082 53.651
VER. BY - FM	Paris Machuk / Charles Francisco	VERIFICATION DATE	June 25, 2024
Quality Management Standards Information - Reference equipment and instrumentation used to conduct this verification test is found in our AC-QMS document at the time this test was conducted.		CAL. FREQUENCY	Annual
		CAL. DUE DATE	June, 2025

PROGRAMMING PARAMETERS			TOTALIZER	
THROAT DIMENSION (DN)	inches	24	AS FOUND	2670.1 M3
EMPTY DISTANCE, zero referer	m	1.179	AS LEFT	2787.73 M3
MAX. HEAD	m	0.939	DIFFERENCE	117.63 M3
BLANKING DISTANCE	m	0.305	TEST CRITERIA	
DEAD ZONE	m	0.240	AS FOUND CERTIFICATION TEST	Yes
MAX. FLOW	LPS	752.3	ALLOWABLE [%] ERROR	15
F.S. RANGE - O/P	LPS	752.3	COMPONENTS TESTED	
THROAT OFFSET	mm	180	CONVERTER DISPLAY	yes
			mA OUTPUT	yes
			TOTALIZER	yes
			ACCURACY BASED ON [% o.r.]	no
			ERROR DOCUMENTED IN THIS REPORT; BASED ON % F.S.	

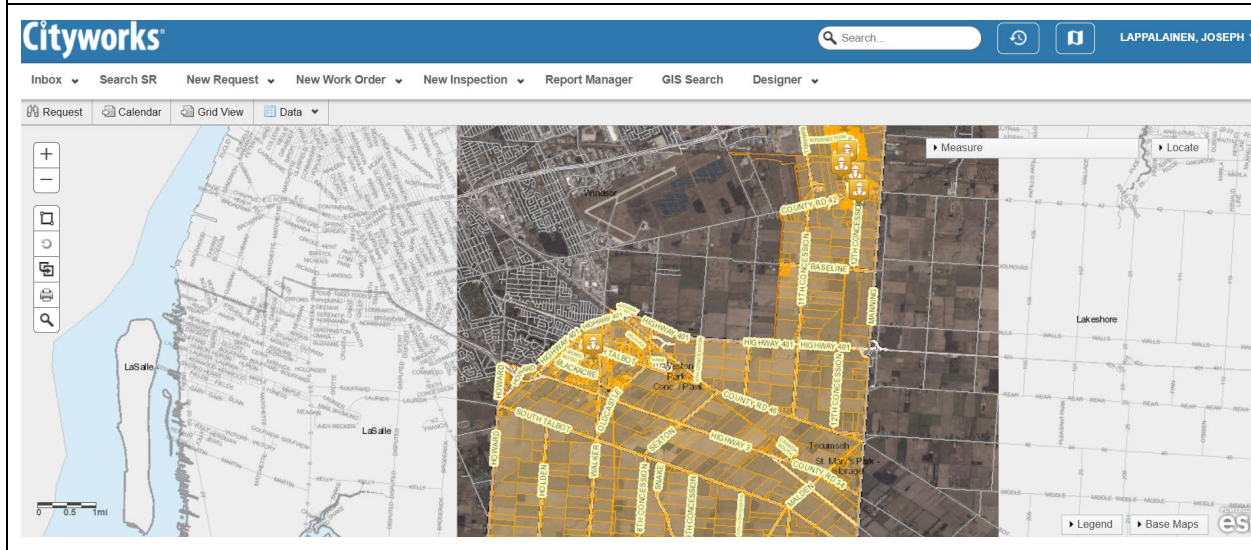
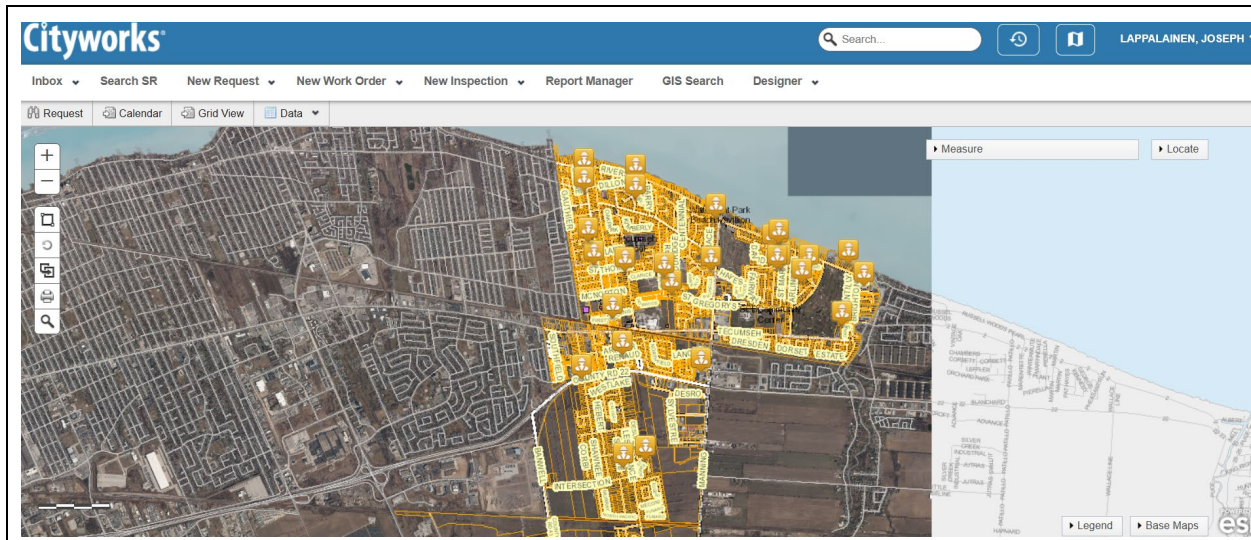
Ultrasonic sensor installed to ensure full scale flow condition

AS FOUND TEST RESULTS							
		0.0	3.1	9.1	17.1	50.0	% F.S. Range
		0.000	0.100	0.200	0.300	0.600	m
REF. FLOW RATE		0.000	23.532	68.763	128.756	376.235	LPS
MUT [Reading]		0.000	21.830	69.440	127.970	380.750	LPS
MUT [Difference]		0.000	-1.702	0.677	-0.786	4.515	LPS
MUT [% Error]		n/a	-0.23	0.09	-0.10	0.60	%
mA OUTPUT		4.000	4.501	5.463	6.739	12.002	mA
MUT [Reading]	min. 4.000 mA	3.998	4.461	5.492	6.821	12.025	mA
MUT [Difference]	max. 20.000 mA	-0.002	-0.040	0.029	0.082	0.023	mA
MUT [% Error]		-0.01	-0.20	0.15	0.41	0.11	%
TOTALIZER - REF. FLOW RATE						376.235	LPS
TOTALIZER [MUT]						35.57	M3
TEST TIME						95.29	SECONDS
CALC. TOTALIZER						35.851	M3
ERROR						-0.79	%

COMMENTS	QUALITY MANAGEMENT STANDARDS INFO.			RESULTS		
	[QMS] INFORMATION	IDENT.	ID #	TEST	AVG %FS	PASS FAIL
	[REFERENCE] LEVEL	Sim. BOARD	Yes	DISPLAY	0.09	PASS
PROCESS METER	PM	20	mA OUTPUT	0.09	PASS	
STOP WATCH	SW	Yes	TOTALIZER	-0.79	PASS	

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

Appendix III Service Request Map View for Town of Tecumseh Sewage Collection System



Legend

**CLI-ECA Sanitary System 2024
Complaints**

