



Municipality of
Leamington
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Municipal Sewage Collection System 033-W601 2024 Annual Report

Submitted to:

Ontario Ministry of the Environment, Conservation and Parks
March 2025

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1.0 System Description

This report was prepared to summarize The Corporation of the Municipality of Leamington Municipal Sewage System operations. This report is being submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) to satisfy the requirements of the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) 033-W601, Issue Number 2, dated July 19, 2024.

The Municipality of Leamington Sewage Collection System consists of a series of local combined sewers, separated sanitary sewers, forcemains, and pump stations for the collection and transmission of sewage to the Leamington Pollution Control Centre (LPCC). The sanitary collection system is divided into two main sewer sheds that are serviced by two trunk sewers: Peter and Pickwick trunk sewers. These trunk sewers service residential, commercial, industrial and institutional properties in the urban area of the Municipality. Treated effluent from LPCC is discharged to Lake Erie.

Table 1 provides a summary of the sewage collection system infrastructure:

Table 1: Sewage Works Infrastructure

Infrastructure Type	Quantity
Combined Sewers	36.5 km
Combined Sewer Overflows	7
Sanitary Sewers	77.9 km
Sanitary Forcemains	5.94 km
Sanitary Pump Stations	15
Sanitary Sewer Overflows	7

2.0 Monitoring Data

2.1 Combined Sewer Overflows

Leamington maintains 36.5 km of combined sewers with seven (7) overflow structures that discharge directly to the environment. Two of the overflow structures located at Oak Street East and Whitwam Avenue are near each other and are being monitored with the same flow monitor.

In 2024, a total of 212,595 m³ of combined sewage overflowed from the municipal system. Annual overflow volumes are reported through the Effluent Regulatory Reporting Information System and are available on the municipal website. 2024 reported data is provided in **Appendix A**. Combined sewer system overflows were not sampled during the 2024 reporting period as the MECP sampling and monitoring guidance for sewage collection systems has not been released yet.

The monitoring locations are summarized in Table 2 and depicted in Figure 1.

Table 2: CSO Monitoring Locations

Asset ID	CSO Location	CSO Number
OCH-385-3	St Louis School/Lutsch Avenue	CSO-1
OCH-385-2 and OCH-385-6	Oak Street East and Whitwam Avenue	CSO-2/3
OCH-402-1	Garrison Nursing Home	CSO-4
O-404-6	Morgan Avenue	CSO-5
O-404-1	Georgia Avenue	CSO-6
O-384-10	Oak Street West and Sherk Street	CSO-7

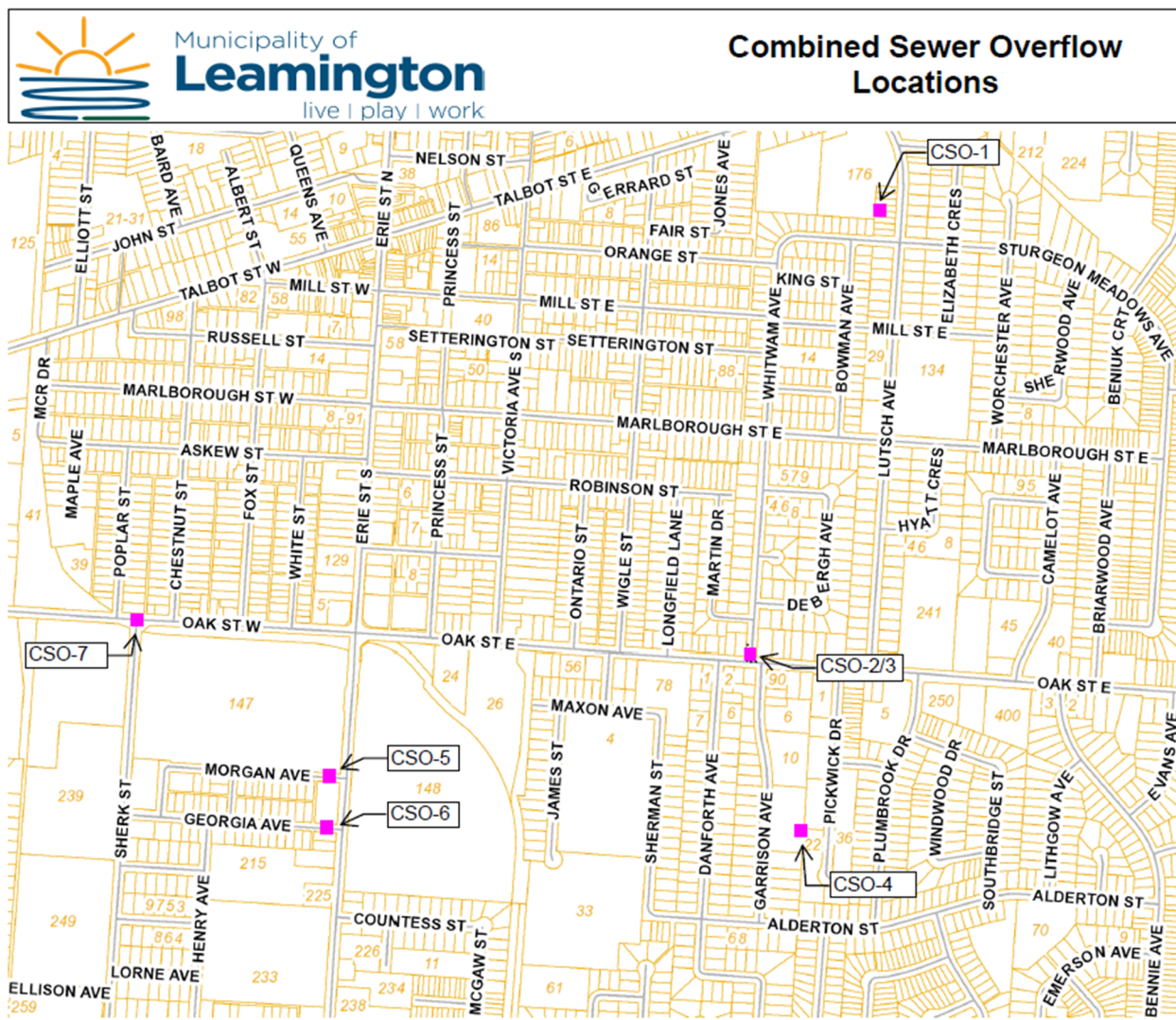


Figure 1: Combined Sewer Overflow Locations

2.2 Pump Station Overflows

The sewage system includes fifteen (15) sanitary pump stations as shown in Figure 2. Depending on service area and design flows, sanitary pump stations are equipped with either two pumps (1 duty and 1 standby) or three pumps (2 duty and 1 standby). All pump stations have a local control panel equipped with a PLC and communicate to the LPCC via a cellular network. Pump station remote monitoring includes pump status, wet well levels, flows (where available) and alarms.

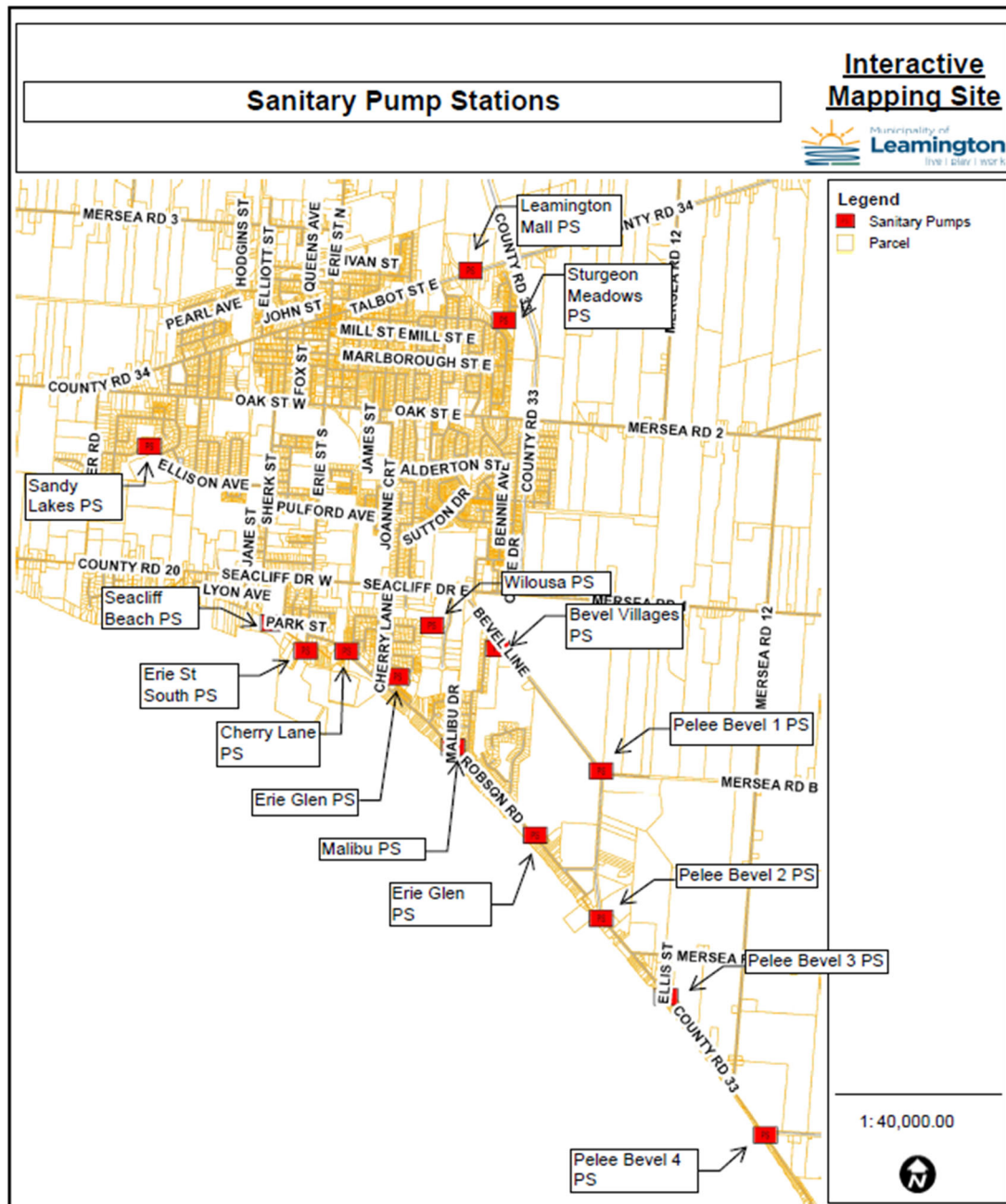


Figure 2: Sanitary Pump Station Locations

Seven of the fifteen pump stations have an engineered overflow. There were no pump station overflow events recorded in 2024. Pump station overflow data is provided in **Appendix B**.

2.3 Spills

There were no spills of sewage to the natural environment beyond the overflows noted in section 2.1 and 2.2 of this report.

3.0 Operating Problems & Corrective Actions

There were no major operating problems in 2024. Repairs and corrective actions taken are highlighted in **Appendix F**.

4.0 Calibration, Maintenance and Repair Summary

Calibration

The flow monitors and level sensors installed to monitor combined sewer overflow events are verified during each maintenance site visit. Pump station flow meters are calibrated annually. 2024 calibration reports are included in **Appendix C**.

Maintenance

Routine maintenance is performed on the combined sewer overflow monitors by an external third party. Maintenance records are included with the calibration records in **Appendix C**.

Pump stations are inspected at regular intervals including weekly, monthly, quarterly, semi-annual and annual. The *Allmax Antero* computerized maintenance program is used to track maintenance work orders for the pump stations. Table 3 outlines the activities performed at the pump stations on a routine basis. Example work orders and pump station clean out dates are provided in **Appendix D**.

The Municipality completes a sanitary and combined sewer flushing and CCTV inspection program annually. The sewer system is divided into five sewer maintenance areas which are cleaned on a yearly rotational schedule. This program also includes flushing of areas of concern on a quarterly, semi-annual and annual basis. Additional flushing is completed, as required and identified by infrastructure services inspectors. **Appendix E** includes a list and mapping to show the areas flushed and videoed in 2024.

Table 3: Pump Station Inspection Activities

Inspection Type	Activities Performed
Weekly	• Visual inspection of above ground equipment, hatches, control panel, conduit, concrete, access, landscaping, etc. • Inspect, clean and operate float balls • Inspect wet well and metering chamber (where equipped) • Rotate duty pumps, if required • Test run each pump • Record pump hours and other data or observations • Check alarm log or operation history, where equipped on local HMI • Test all station alarms • For stations with generators, inspect all consumables (fuel, oil, lubricant), inspect filters, exhaust louvres/vents, batteries and charging equipment, engine, control panel and security
Monthly	For stations with generators: • Test run standby generator • Inspect radiator level, oil level, fuel level, battery charger voltage, oil pressure, water temperature, battery information and fire extinguisher. • Perform lamp test (Wilousa only) • Test emergency lighting • Record all observed data, including run hours • For stations without a standby generator, the portable generator is taken to a different station every 2 weeks to test operations
Quarterly	Leamington Mall pumping station only • Complete an entry to inspect dry well and all equipment, check pump operation, pump coupling, oil level and motor. Grease valves and couplings as required. Operate valving and test run each pump.
Semi-Annual	• Generator inspection and load testing by external contractor
Annual	• Control panel inspection by external contractor • Wet well clean out by external contractor

Repairs

In addition to routine preventative maintenance, various repairs were completed on the linear infrastructure and pump stations in 2024. A summary of all repairs is provided in **Appendix F**.

5.0 Complaints

Complaints received online or through customer service representatives are entered and tracked through the municipal CityWorks software platform. Additional complaints received by the Infrastructure Services Inspectors are tracked separately in a Sewer Log. A copy of all 2024 complaints, including follow up actions, is provided in **Appendix G**.

6.0 Notice of Modifications to Sewage Works

In 2024, the following modifications were made to the sewage works:

- Cherry Lane (PS200) Pump Station Upgrades – installation and commissioning of a new diesel generator. Form A1 and the Director Notification is attached.

A copy of all documentation associated with the modifications outlined above and an updated sewage works map showing all linear infrastructure is provided in **Appendix H**.

7.0 Procedure F-5-5

The Municipality of Leamington is continuing to plan and complete sewer separation in accordance with the Status of Leamington's Combined Sewer System and Overflows Report dated June 2005. No sewer separation projects were completed in 2024, however, two major sewer separation projects are planned for 2025 including Audrey Street, Margaret Street, Jane Street, Claire Street and Sherk Street in the southwest quadrant of Leamington and Queens Avenue, John Street, Albert Street and Baird Avenue in the northwest quadrant of Leamington. A copy of Leamington's Assessment of Conformance to Procedure F-5-5 is provided in **Appendix I**.

Appendix A
2024 Combined Sewer Overflow Data



CSO-1 Overflow Totals (m³)

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1										168.655			
2						5.776							
3													
4													
5						180.445							
6								3007.177			118.064		
7													
8													
9	659.105												
10							1458.388				647.045		
11				494.372	230.457								
12	754.259									1683.928			
13										181.259			
14			981.555										
15												5.701	
16							323.443					3.046	
17				355.342				294.823				179.917	
18								10.954					
19						53.456							
20					140.524								
21									8.42				
22													
23													
24	11.945								525.182				
25	198.325							231.465					
26	4379.326		73.925		677.17	214.781							
27				214.364	345.698								
28	245.912			870.905				2461.926	4.403				
29				115.115		48.901						527.82	
30				3.589								7.807	
31												127.755	
Total	6248.872	0	1055.48	2053.687	1393.849	503.359	1781.831	6006.345	538.005	2033.842	765.109	852.046	23232.43

CSO-2/3 Overflow Totals (m³)

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1				2.55						588.457			
2				4.302		180.602							
3					1.69								
4													
5			0.317			430.911			77.465				
6								7788.677	25.094		451.246		
7					242.468								
8			4.857			82.497							
9	1330.74		16.625		2.921	4.156							
10							2688.347				1406.899		
11				1105.815	611.09								
12	1127.662			1.484						2549.137			
13										552.009			
14			1521.224							4.159	20.454		
15		0.388					0.531						
16			1.236				464.988	2.506					
17				541.687	0.333			862.557					
18								16.559					
19				1.044		122.515					0.092		
20					444.206						25.05		
21									180.715				
22		2.258											
23	10.233			4.583		1.165						0.121	
24	138.683					3.075			802.004				
25	73.334					159.068		736.6					
26	2955.236		227.686		951.826	923.696					2.805		
27				514.708	588.626			1.11				0.194	
28	410.839	283.755		1599.672				8486.689	294.487				
29				615.829		517.885						1258.712	
30			1.881	166.583			164.64					206.071	
31							1.894	2.66				356.723	
Total	6046.727	286.401	1773.826	4558.257	2843.16	2425.57	3320.4	17897.36	1379.765	3693.762	1906.546	1821.821	47953.59

CSO-4 Overflow Totals (m³)

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1										1562.137			
2						487.657							
3													
4													
5						1337.085							
6								1971.846			1137.544		
7					504.925								
8													
9	4008.008		16.52			299.756						749.497	
10							5632.928				4568.572		
11				2445.675	1716.047								
12	4198.938			341.487						2876.194			
13										4472.622			
14			3657.383										
15												1438.091	
16							1170.751					341.115	
17				1449.689									
18													
19						295.867							
20					858.572						57.506		
21									382.136				
22													
23													
24	491.008								1384.297				
25	175.562					487.703		1858.699					
26	8824.479		619.79		2454.298	2335.127							
27				1303.237	1401.337								
28	2013.292	725.326		3296.916				1115.001	1060.407				
29				1406.7		1364.885						6353.177	
30				921.107			386.079					1924.938	
31												1789.276	
Total	19711.29	725.326	4293.693	11164.81	6935.179	6608.08	7189.758	4945.546	2826.84	8910.953	5763.622	12596.09	91671.19

CSO-5 Overflow Totals (m³)

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1													
2													
3													
4													
5						6.691							
6								15.316	0.006				
7													
8												0.004	
9												0.004	
10				0.005									
11													
12				0.006									
13										0.004			
14													
15													
16								2.136				0.003	
17								1.688					
18				0.006				1.96					
19													
20				0.005	2.169								
21									0.005				
22				0.031									
23				2.399									
24				2.765									
25				2.405		0.016					2.394		
26				2.407	0.023	9.222					0.536		
27											6.973		
28								54.731					
29													
30													
31													
Total	0	0	0	10.029	2.192	15.929	0	75.831	0.011	0.004	9.903	0.011	113.91

CSO-6 Overflow Totals (m³)

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1													
2													
3													
4													
5													
6								2.044					
7					0.006								
8													
9													
10													
11													
12				0.001									
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28				0.002				6.255					
29													
30													
31													
Total	0	0	0	0.003	0.006	0	0	8.299	0	0	0	0	8.308

CSO-7 Overflow Totals (m³)

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1													
2													
3													
4													
5						86.413			9670.114				
6								3768.504	15867.16				
7													
8													
9													
10													
11				19.133									
12													
13													
14													
15													
16							84.332						
17													
18													
19													
20													
21													
22													
23													
24									268.893				
25								487.767					
26						28.239							
27													
28				302.825				11943.29					
29													
30													
31								7088.55					
Total	0	0	0	321.958	0	114.652	84.332	23288.11	25806.17	0	0	0	49615.22

Appendix B
2024 Pump Station Overflow Data



No pump station overflows were reported in 2024.



Appendix C
2024 Calibration Reports





SIEMENS
MAGFLO
RESULT

PASS

CLIENT DETAIL

CUSTOMER Municipality of Leamington
CONTACT Jason Charles, Supervisor
Pollution Control Centre
111 Erie St. N.
Leamington, ON N8H 2Z9
T: 519-326-5761 x4202
E: jcharles@leamington.ca

EQUIPMENT DETAIL

PLANT ID Pelee Bevel 1
METER ID Pelee Bevel 1
FIT ID PB1SPS_FIT1
CLIENT TAG N/A
OTHER N/A
GPS COORDINATES N41°59.656 W082°33.358

VER. BY - FM Travis Krayetski

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.

VERIFICATION DATE November 14th 2024
CAL. FREQUENCY Annual
CAL. DUE DATE November 2025

MAGFLO IDENTIFICATION

TAG No./NAME 0
SENSOR CODE No. 7ME658
SENSOR SERIAL NUMBER PBD-J2130005
TRANSMITTER CODE No. 7ME69102CA101AA0
TRANSMITTER SERIAL NUMBER N1HN240029
FUSE LOCATION N/A

SENSOR DETAIL

SIZE DN [mm] 200
CAL. FACTOR 32.62755966
CORRECTION FACTOR 1
EXCITATION FREQ. [Hz] 3.75
SERIAL NUMBER N1B4070001
DEVICE NUMBER 206005
SOFTWARE VERSION 1.4
PC SOFTWARE VERSION 5.01

TRANSMITTER SETTINGS

BASIC		
Qmax	lps	75
FLOW DIR.		Positive
L.FLOW CUTOFF	%	1.50%
EMPTY PIPE		ON
OUTPUT		
CURRENT O/P	4-20	ON
TIME CONS.	secs.	5
RELAY O/P		Error Level
DIGITAL O/P		OFF
FREQ. RANGE		N/A
TIME CONS.		N/A
VOL/PULSE	USG/pulse	0
PULSE WIDTH	secs	0.066
POLARITY		Positive

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] FTS	VERIFICATOR	1
PROCESS METER	PM	0
ANALOG METER	AM	N/A
STOP WATCH	SW	N/A

TOTALIZERS

TOT.1 value before test	m3	433232.18750
TOT.1 value after test	m3	433232.21870
TOT.1 difference	m3	0.0312
TOT.2 value before test	m3	319.2107
TOT.2 value after test	m3	319.2107
TOT.2 difference	m3	0
OPERATING TIME	DAYS	1920

RESULTS

VELOCITY	CURRENT OUTPUT			FREQUENCY OUTPUT		
	THEORETICAL	ACTUAL	DEVIATION	THEORETICAL	ACTUAL	DEVIATION
m/s	mA	mA	%	kHz	kHz	%
0.500	4.800	4.800	-0.320	0.500	0.499	-0.220
1.000	5.600	5.600	-0.100	1.000	0.999	-0.010
3.000	8.800	8.797	-0.160	3.000	2.998	-0.020

C1-C2 (ohms) 101.2
C1-SCRN OPEN
C2-SCRN OPEN

TRANSMITTER PASSED
SENSOR - INSTALLATION PASSED
SENSOR - MAGNETIC CIRCUIT PASSED

COMMENTS

The information found in this report is reflective based on the use of the manufacturers MAGFLO Verificator conforming to their suggested operational practices. The verificator interrogates the transmitter, insulation and flow tube magnetism circuit. These tests verify that the flow meter is functional within 2% deviation of the original manufactured test results.



SIEMENS
MAGFLO
RESULT

PASS

CLIENT DETAIL

CUSTOMER Municipality of Leamington
CONTACT Jason Charles, Supervisor
Pollution Control Centre
111 Erie St. N.
Leamington, ON N8H 2Z9
T: 519-326-5761 x4202
E: jcharles@leamington.ca

EQUIPMENT DETAIL

PLANT ID Pelee Bevel 2
METER ID Pelee Bevel 2
FIT ID PB2SPS_FIT1
CLIENT TAG N/A
OTHER N/A
GPS COORDINATES N42°00.248 W082°33.948

VER. BY - FM Travis Krayetski

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.

VERIFICATION DATE November 14th 2024
CAL. FREQUENCY Annual
CAL. DUE DATE November 2025

MAGFLO IDENTIFICATION

TAG No./NAME 0
SENSOR CODE No. 7ME658
SENSOR SERIAL NUMBER PBD-J2130004
TRANSMITTER CODE No. 7ME69102CA101AA0
TRANSMITTER SERIAL NUMBER N1HN240004
FUSE LOCATION N/A

SENSOR DETAIL

SIZE DN [mm] 150
CAL. FACTOR 32.62755966
CORRECTION FACTOR 1
EXCITATION FREQ. [Hz] 7.5
SERIAL NUMBER N1B4070001
DEVICE NUMBER 206005
SOFTWARE VERSION 1.4
PC SOFTWARE VERSION 5.01

TRANSMITTER SETTINGS

BASIC		
Qmax	lps	50
FLOW DIR.		Positive
L.FLOW CUTOFF	%	1.50%
EMPTY PIPE		ON
OUTPUT		
CURRENT O/P	4-20	ON
TIME CONS.	secs.	5
RELAY O/P		Error Level
DIGITAL O/P		OFF
FREQ. RANGE		N/A
TIME CONS.		N/A
VOL/PULSE	USG/pulse	0
PULSE WIDTH	secs	0.066
POLARITY		Positive

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] FTS	VERIFICATOR	1
PROCESS METER	PM	0
ANALOG METER	AM	N/A
STOP WATCH	SW	N/A

TOTALIZERS

TOT.1 value before test	m3	333830.84300
TOT.1 value after test	m3	333830.87500
TOT.1 difference	m3	0.032
TOT.2 value before test	m3	427.777
TOT.2 value after test	m3	427.777
TOT.2 difference	m3	0
OPERATING TIME	DAYS	2659

RESULTS

VELOCITY THEORETICAL	CURRENT OUTPUT			FREQUENCY OUTPUT		
	THEORETICAL	ACTUAL	DEVIATION	THEORETICAL	ACTUAL	DEVIATION
m/s	mA	mA	%	kHz	kHz	%
0.500	4.800	4.800	-0.320	0.500	0.500	-0.220
1.000	5.600	5.602	-0.100	1.000	1.001	-0.010
3.000	8.800	8.798	-0.160	3.000	3.000	-0.020

C1-C2 (ohms) 101.2
C1-SCRN OPEN
C2-SCRN OPEN

TRANSMITTER PASSED
SENSOR - INSTALLATION PASSED
SENSOR - MAGNETIC CIRCUIT PASSED

COMMENTS

The information found in this report is reflective based on the use of the manufacturers MAGFLO Verificator conforming to their suggested operational practices. The verificator interrogates the transmitter, insulation and flow tube magnetism circuit. These tests verify that the flow meter is functional within 2% deviation of the original manufactured test results.



SIEMENS
MAGFLO
RESULT

PASS

CLIENT DETAIL

CUSTOMER Municipality of Leamington
CONTACT Jason Charles, Supervisor
Pollution Control Centre
111 Erie St. N.
Leamington, ON N8H 2Z9
T: 519-326-5761 x4202
E: jcharles@leamington.ca

EQUIPMENT DETAIL

PLANT ID Pelee Bevel 3
METER ID Pelee Bevel 3
FIT ID PB3SPS_FIT1
CLIENT TAG N/A
OTHER N/A
GPS COORDINATES N42°00.595 W082°34.346

VER. BY - FM Travis Krayetski

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.

VERIFICATION DATE November 14th 2024
CAL. FREQUENCY Annual
CAL. DUE DATE November 2025

MAGFLO IDENTIFICATION

TAG No./NAME 0
SENSOR CODE No. 7ME652
SENSOR SERIAL NUMBER 324902H118
TRANSMITTER CODE No. 7ME69102CA101AA0
TRANSMITTER SERIAL NUMBER N1JN230427
FUSE LOCATION N/A

SENSOR DETAIL

SIZE DN [mm] 150
CAL. FACTOR 14.28053188
CORRECTION FACTOR 1
EXCITATION FREQ. [Hz] 7.5
SERIAL NUMBER N1B4070001
DEVICE NUMBER 206005
SOFTWARE VERSION 1.4
PC SOFTWARE VERSION 5.01

TRANSMITTER SETTINGS

BASIC		
Qmax	lps	30
FLOW DIR.		Positive
L.FLOW CUTOFF	%	1.50%
EMPTY PIPE		ON
OUTPUT		
CURRENT O/P	4-20	ON
TIME CONS.	secs.	5
RELAY O/P		Error Level
DIGITAL O/P		OFF
FREQ. RANGE		N/A
TIME CONS.		N/A
VOL/PULSE	USG/pulse	1
PULSE WIDTH	secs	0.066
POLARITY		Positive

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] FTS	VERIFICATOR	1
PROCESS METER	PM	0
ANALOG METER	AM	N/A
STOP WATCH	SW	N/A

TOTALIZERS

TOT.1 value before test	m3	114568.39000
TOT.1 value after test	m3	114568.42180
TOT.1 difference	m3	0.0318
TOT.2 value before test	m3	1879.2979
TOT.2 value after test	m3	1879.2991
TOT.2 difference	m3	0.0012
OPERATING TIME	DAYS	2220

RESULTS

VELOCITY	CURRENT OUTPUT			FREQUENCY OUTPUT		
	THEORETICAL	ACTUAL	DEVIATION	THEORETICAL	ACTUAL	DEVIATION
m/s	mA	mA	%	kHz	kHz	%
0.500	4.800	4.800	-0.320	0.500	0.499	-0.220
1.000	5.600	5.599	-0.100	1.000	0.999	-0.010
3.000	8.800	8.796	-0.160	3.000	3.000	-0.020

C1-C2 (ohms) 101.1
C1-SCRN OPEN
C2-SCRN OPEN

TRANSMITTER PASSED
SENSOR - INSTALLATION PASSED
SENSOR - MAGNETIC CIRCUIT PASSED

COMMENTS

The information found in this report is reflective based on the use of the manufacturers MAGFLO Verificator conforming to their suggested operational practices. The verificator interrogates the transmitter, insulation and flow tube magnetism circuit. These tests verify that the flow meter is functional within 2% deviation of the original manufactured test results.



SIEMENS
MAGFLO
RESULT

PASS

CLIENT DETAIL

CUSTOMER Municipality of Leamington
CONTACT Jason Charles, Supervisor
Pollution Control Centre
111 Erie St. N.
Leamington, ON N8H 2Z9
T: 519-326-5761 x4202
E: jcharles@leamington.ca

EQUIPMENT DETAIL

PLANT ID Pelee Bevel 4
METER ID Pelee Bevel 4
FIT ID PB4SPS_FIT1
CLIENT TAG N/A
OTHER N/A
GPS COORDINATES N42°01.01500 W082°34.351

VER. BY - FM Travis Krayetski

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.

VERIFICATION DATE November 14th 2024
CAL. FREQUENCY Annual
CAL. DUE DATE November 2025

MAGFLO IDENTIFICATION

TAG No./NAME 0
SENSOR CODE No. 7ME652
SENSOR SERIAL NUMBER 324902H118
TRANSMITTER CODE No. 7ME69102CA101AA0
TRANSMITTER SERIAL NUMBER N1JN230427
FUSE LOCATION N/A

SENSOR DETAIL

SIZE DN [mm] 100
CAL. FACTOR 6.20235109
CORRECTION FACTOR 1
EXCITATION FREQ. [Hz] 7.5
SERIAL NUMBER N1B4070001
DEVICE NUMBER 206005
SOFTWARE VERSION 1.4
PC SOFTWARE VERSION 5.01

TRANSMITTER SETTINGS

BASIC		
Qmax	lps	30
FLOW DIR.		Positive
L.FLOW CUTOFF	%	1.50%
EMPTY PIPE		ON
OUTPUT		
CURRENT O/P	4-20	ON
TIME CONS.	secs.	5
RELAY O/P		Error Level
DIGITAL O/P		OFF
FREQ. RANGE		N/A
TIME CONS.		N/A
VOL/PULSE	USG/pulse	1
PULSE WIDTH	secs	0.066
POLARITY		Positive

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] FTS	VERIFICATOR	1
PROCESS METER	PM	0
ANALOG METER	AM	N/A
STOP WATCH	SW	N/A

TOTALIZERS

TOT.1 value before test	m3	16512.62500
TOT.1 value after test	m3	16512.64400
TOT.1 difference	m3	0.019
TOT.2 value before test	m3	24.194
TOT.2 value after test	m3	24.194
TOT.2 difference	m3	0
OPERATING TIME	DAYS	2207

RESULTS

VELOCITY THEORETICAL	CURRENT OUTPUT			FREQUENCY OUTPUT		
	THEORETICAL	ACTUAL	DEVIATION	THEORETICAL	ACTUAL	DEVIATION
m/s	mA	mA	%	kHz	kHz	%
0.500	4.800	4.799	-0.320	0.500	0.500	-0.220
1.000	5.600	5.598	-0.100	1.000	1.000	-0.010
3.000	8.800	8.794	-0.160	3.000	2.999	-0.020

C1-C2 (ohms) 101.4
C1-SCRN OPEN
C2-SCRN OPEN

TRANSMITTER PASSED
SENSOR - INSTALLATION PASSED
SENSOR - MAGNETIC CIRCUIT PASSED

COMMENTS

The information found in this report is reflective based on the use of the manufacturers MAGFLO Verificator conforming to their suggested operational practices. The verificator interrogates the transmitter, insulation and flow tube magnetism circuit. These tests verify that the flow meter is functional within 2% deviation of the original manufactured test results.



AS FOUND CERTIFICATION

FORWARD FLOW DIRECTION

PASS

CLIENT DETAIL		EQUIPMENT DETAIL	
CUSTOMER	Municipality of Leamington	[MUT] MANUFACTURER	ROSEMOUNT
CONTACT	Jason Charles, Supervisor	MODEL	8712D
	Pollution Control Centre	CONVERTER SERIAL NUMBER	0860212213
	111 Erie St. N.		
	Leamington, ON N8H 2Z9	PLANT ID	Erie Shores Pumping Station
	T: 519-326-5761 x4202	METER ID	P1 Flow
	E: jcharles@leamington.ca	FIT ID	ESHSPS_FIT1
		CLIENT TAG	N/A
		OTHER	N/A
		GPS COORDINATES	N42 00.942 W082 34.738
VER. BY - FM Travis Krayetski		VERIFICATION DATE	November 14th 2024
Quality Management Standards Information -		CAL. FREQUENCY	Annual
Reference equipment and instrumentation used to		CAL. DUE DATE	November 2025
conduct this verification test is found in our AC-QMS			
document at the time this test was conducted.			

PROGRAMMING PARAMETERS		FORWARD TOTALIZER INFORMATION	
DIAMETER (DN)	mm 150	AS FOUND	N/A M3
F.S. FLOW - MAG	LPS 223.7	AS LEFT	N/A M3
F.S. RANGE - O/P	LPS 50.000	DIFFERENCE	n/a M3
TUBE CAL. FACTOR	0933205809191005	TEST CRITERIA	
		AS FOUND CERTIFICATION TEST	Yes
		FORWARD FLOW DIRECTION	Yes
		ALLOWABLE [%] ERROR	5
		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.	
VERIFICATOR CAL. FACTOR	1000015010000000		
[16-digits]			

FLOW TUBE SIMULATION				QUALITY MANAGEMENT STANDARDS INFO.			
		0		3	10	30	ft/s
DISPLAY		0.000		3.00	10.00	30.00	ft/s
MUT Reading		0.000		3.00	10.00	30.02	ft/s
MUT % Error		n/a		0.00	0.01	0.07	%
mA OUTPUT		4.000		5.600	9.333	20.000	mA
MUT Reading 4 mA		4.000		5.597	9.330	19.993	mA
MUT % Error 20 mA		0.00		-0.05	-0.04	-0.04	%
TOTALIZER						30.00	ft/s
TEST Accumulation						2600.00	ft
TIME						86.47	seconds
CALC. Velocity						30.07	ft/s
% Error						0.23	%
				[QMS] INFORMATION	IDENT.	ID #	
				[REFERENCE] FTS	ROS	1	
				PROCESS METER	PM	20	
				ANALOG METER	AM	N/A	
				STOP WATCH	SW	Yes	

*All values are for "As Found" values.

COMMENTS	RESULTS		
	TEST	AVG % o.r.	PASS FAIL
	DISPLAY	0.03	PASS
	mA OUTPUT	-0.04	PASS
	TOTALIZER	0.23	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 FOUND CERTIFICATION

FORWARD FLOW DIRECTION

PASS

CLIENT DETAIL		EQUIPMENT DETAIL	
CUSTOMER	Municipality of Leamington	[MUT] MANUFACTURER	ROSEMOUNT
CONTACT	Jason Charles, Supervisor	MODEL	8712D
	Pollution Control Centre	CONVERTER SERIAL NUMBER	0860212212
	111 Erie St. N.		
	Leamington, ON N8H 2Z9	PLANT ID	Erie Shores Pumping Station
	T: 519-326-5761 x4202	METER ID	P2 Flow
	E: jcharles@leamington.ca	FIT ID	ESHSPS_FIT2
		CLIENT TAG	N/A
		OTHER	N/A
		GPS COORDINATES	N42 00.942 W082 34.738
VER. BY - FM Travis Krayetski		VERIFICATION DATE	November 14th 2024
Quality Management Standards Information -		CAL. FREQUENCY	Annual
Reference equipment and instrumentation used to		CAL. DUE DATE	November 2025
conduct this verification test is found in our AC-QMS			
document at the time this test was conducted.			

PROGRAMMING PARAMETERS		FORWARD TOTALIZER INFORMATION	
DIAMETER (DN)	mm 150	AS FOUND	N/A M3
F.S. FLOW - MAG	LPS 223.7	AS LEFT	N/A M3
F.S. RANGE - O/P	LPS 50.000	DIFFERENCE	n/a M3
TUBE CAL. FACTOR	0886605608725005	TEST CRITERIA	
		AS FOUND CERTIFICATION TEST	Yes
		FORWARD FLOW DIRECTION	Yes
		ALLOWABLE [%] ERROR	5
		COMPONENTS TESTED	
		CONVERTER DISPLAY	yes
		mA OUTPUT	yes
		TOTALIZER	no
		ACCURACY BASED ON [% o.r.]	yes
		ERROR DOCUMENTED IN THIS REPORT; BASED ON % o.r.	
VERIFICATOR CAL. FACTOR	1000015010000000		
[16-digits]			

FLOW TUBE SIMULATION								
		0			3	10	30	ft/s
DISPLAY		0.000			3.000	10.000	30.000	ft/s
MUT Reading		0.000			3.000	10.010	30.010	ft/s
MUT % Error		n/a			0.00	0.10	0.03	%
mA OUTPUT		4.000			5.600	9.333	20.000	mA
MUT Reading 4 mA		4.000			5.597	9.330	19.986	mA
MUT % Error 20 mA		0.00			-0.05	-0.04	-0.07	%
TOTALIZER								
TEST Accumulation								
TIME		QUALITY MANAGEMENT STANDARDS INFO.						
CALC. Velocity		[QMS] INFORMATION		IDENT.	ID #			
% Error		[REFERENCE] FTS		ROS	1			
		PROCESS METER		PM	20			
		ANALOG METER		AM	N/A			
		STOP WATCH		SW	Yes			

*All values are for "As Found" values.

COMMENTS	RESULTS		
	TEST	AVG % o.r.	PASS FAIL
	DISPLAY	0.04	PASS
	mA OUTPUT	-0.05	PASS
	TOTALIZER	N/A	N/A

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.



SIEMENS
MAGFLO
RESULT

PASS

CLIENT DETAIL

CUSTOMER Municipality of Leamington
CONTACT Jason Charles, Supervisor
Pollution Control Centre
111 Erie St. N.
Leamington, ON N8H 2Z9
T: 519-326-5761 x4202
E: jcharles@leamington.ca

EQUIPMENT DETAIL

PLANT ID Erie Street PS
METER ID Erie Street PS
FIT ID ESTSPS_FIT1
CLIENT TAG N/A
OTHER N/A
GPS COORDINATES N42°01.726 W082°36.098

VER. BY - FM Travis Krayetski

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.

VERIFICATION DATE November 14th 2024
CAL. FREQUENCY Annual
CAL. DUE DATE November 2025

MAGFLO IDENTIFICATION

TAG No./NAME 0
SENSOR CODE No. 7ME652
SENSOR SERIAL NUMBER 040902H163
TRANSMITTER CODE No. 7ME69202CA101AA0
TRANSMITTER SERIAL NUMBER N1D2157693
FUSE LOCATION N/A

SENSOR DETAIL

SIZE DN [mm] 150
CAL. FACTOR 14.74263573
CORRECTION FACTOR 1
EXCITATION FREQ. [Hz] 7.5
SERIAL NUMBER N1B4070001
DEVICE NUMBER 206005
SOFTWARE VERSION 1.4
PC SOFTWARE VERSION 5.01

TRANSMITTER SETTINGS

BASIC		
Qmax	lps	50
FLOW DIR.		Positive
L.FLOW CUTOFF	%	1.50%
EMPTY PIPE		ON
OUTPUT		
CURRENT O/P	4-20	ON
TIME CONS.	secs.	5
RELAY O/P		Error Level
DIGITAL O/P		OFF
FREQ. RANGE		N/A
TIME CONS.		N/A
VOL/PULSE	USG/pulse	1
PULSE WIDTH	secs	0.066
POLARITY		Positive

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] FTS	VERIFICATOR	1
PROCESS METER	PM	0
ANALOG METER	AM	N/A
STOP WATCH	SW	N/A

TOTALIZERS

TOT.1 value before test	m3	1261746.00000
TOT.1 value after test	m3	1261746.00000
TOT.1 difference	m3	0
TOT.2 value before test	m3	237.808
TOT.2 value after test	m3	237.811
TOT.2 difference	m3	0.003
OPERATING TIME	DAYS	4009

RESULTS

VELOCITY	CURRENT OUTPUT			FREQUENCY OUTPUT		
	THEORETICAL	ACTUAL	DEVIATION	THEORETICAL	ACTUAL	DEVIATION
m/s	mA	mA	%	kHz	kHz	%
0.500	4.800	4.804	-0.320	0.500	0.501	-0.220
1.000	5.600	5.602	-0.100	1.000	1.000	-0.010
3.000	8.800	8.793	-0.160	3.000	2.997	-0.020

C1-C2 (ohms) 100.9
C1-SCRN OPEN
C2-SCRN OPEN

TRANSMITTER PASSED
SENSOR - INSTALLATION PASSED
SENSOR - MAGNETIC CIRCUIT PASSED

COMMENTS

The information found in this report is reflective based on the use of the manufacturers MAGFLO Verificator conforming to their suggested operational practices. The vericator interrogates the transmitter, insulation and flow tube magnetism circuit. These tests verify that the flow meter is functional within 2% deviation of the original manufactured test results.



SIEMENS
MAGFLO
RESULT

PASS

CLIENT DETAIL

CUSTOMER Municipality of Leamington
CONTACT Jason Charles, Supervisor
Pollution Control Centre
111 Erie St. N.
Leamington, ON N8H 2Z9
T: 519-326-5761 x4202
E: jcharles@leamington.ca

EQUIPMENT DETAIL

PLANT ID Cherry Lane PS
METER ID Cherry Lane PS
FIT ID CHLSPS_FIT1
CLIENT TAG N/A
OTHER N/A
GPS COORDINATES N42°01.726 W082°36.098

VER. BY - FM Travis Krayetski

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.

VERIFICATION DATE November 14th 2024
CAL. FREQUENCY Annual
CAL. DUE DATE November 2025

MAGFLO IDENTIFICATION

TAG No./NAME 0
SENSOR CODE No. 7ME652
SENSOR SERIAL NUMBER PBD-R8214514
TRANSMITTER CODE No. 7ME69102CA101AA0
TRANSMITTER SERIAL NUMBER N1R7100111
FUSE LOCATION N/A

SENSOR DETAIL

SIZE DN [mm] 150
CAL. FACTOR 14.67015266
CORRECTION FACTOR 1
EXCITATION FREQ. [Hz] 7.5
SERIAL NUMBER N1B4070001
DEVICE NUMBER 206005
SOFTWARE VERSION 1.4
PC SOFTWARE VERSION 5.01

TRANSMITTER SETTINGS

BASIC		
Qmax	lps	50
FLOW DIR.		Positive
L.FLOW CUTOFF	%	1.50%
EMPTY PIPE		ON
OUTPUT		
CURRENT O/P	4-20	OFF
TIME CONS.	secs.	5
RELAY O/P		Error Level
DIGITAL O/P		Pulse
FREQ. RANGE		N/A
TIME CONS.		N/A
VOL/PULSE	USG/pulse	1
PULSE WIDTH	secs	0.066
POLARITY		Positive

QUALITY MANAGEMENT STANDARDS INFO.

[QMS] INFORMATION	IDENT.	ID #
[REFERENCE] FTS	VERIFICATOR	1
PROCESS METER	PM	0
ANALOG METER	AM	N/A
STOP WATCH	SW	N/A

TOTALIZERS

TOT.1 value before test	m3	74562.26563
TOT.1 value after test	m3	74562.29688
TOT.1 difference	m3	0.03125
TOT.2 value before test	m3	29.62903
TOT.2 value after test	m3	29.62903
TOT.2 difference	m3	0
OPERATING TIME	DAYS	352

RESULTS

VELOCITY THEORETICAL	CURRENT OUTPUT			FREQUENCY OUTPUT		
	THEORETICAL	ACTUAL	DEVIATION	THEORETICAL	ACTUAL	DEVIATION
m/s	mA	mA	%	kHz	kHz	%
0.500	4.800	4.799	-0.320	0.500	0.500	-0.220
1.000	5.600	5.598	-0.100	1.000	1.000	-0.010
3.000	8.800	8.797	-0.160	3.000	3.001	-0.020

C1-C2 (ohms) 102.2
C1-SCRN OPEN
C2-SCRN OPEN

TRANSMITTER PASSED
SENSOR - INSTALLATION PASSED
SENSOR - MAGNETIC CIRCUIT PASSED

COMMENTS

The information found in this report is reflective based on the use of the manufacturers MAGFLO Verificator conforming to their suggested operational practices. The verificator interrogates the transmitter, insulation and flow tube magnetism circuit. These tests verify that the flow meter is functional within 2% deviation of the original manufactured test results.



MAINTENANCE LOG

LEAMINGTON-CSO-1

All level measurements in [mm]. All velocity measurements in [m/s].

Date / Time	Work Type	Level Confirmation					Velocity Confirmation			Silt Level	Comments
		Manual	Meter		% Error		Manual	Meter	Difference		
2024-03-28 15:01	MAINTENANCE	275	272	273							Battery swapped. Site verified. Manual measurements match meter readings. Flow stagnant at 275 mm. There are no issues with equipment otherwise.
2024-08-21 13:27	MAINTENANCE	263	257	260							The echo was rotating upside down. We levelled and readjusted the ECHO. Readings returned to normal after adjustment. Site verified. All manual measurements match the meter readings' flow laminar. No issues with the equipment.
2024-09-17 14:18	MAINTENANCE	255	251	255							Echo off level. Echo readjusted. Site verified. Flow laminar and stagnant. Manual measurements match meter readings.
2024-12-17 12:52	MAINTENANCE	284	275	280							swapped battery. no other issues found



MAINTENANCE LOG

LEAMINGTON-CSO-2/3

All level measurements in [mm]. All velocity measurements in [m/s].

Date / Time	Work Type	Level Confirmation					Velocity Confirmation			Silt Level	Comments
		Manual	Meter		% Error		Manual	Meter	Difference		
2024-02-12 15:16	MAINTENANCE	25	30	32							Swapped battery @ 11.8v. cleared abnormal resets
2024-03-28 13:01	MAINTENANCE	10	62	35							Site verified. The pipe is empty with basically no flow and no velocity. All alarm settings are normal as requested. We did not see any issues with the equipment
2024-08-01 12:32	VERIFICATION	10	12	15							Manual measurements match the sensor, the pipe is dry. Readings registered during rain events. Swapped battery.
2024-09-17 13:15	MAINTENANCE	0	0	0							Site verified. All manual measurements match meter readings, and the pipe is dry. No issues with the equipment.
2024-12-17 11:43	MAINTENANCE										Swapped battery. high-traffic road with only 2 lanes. the pipe is dry.
2024-12-20 10:53	MAINTENANCE	5	39	2							We tried to collect data. However, the meter did not have any. I tried to revive the meter. However, it seems to constantly have abnormal errors and fails to push telemetry even when in session. For these reasons, I removed the meter.



FLOWMETRIX
INDU-TECH
PROCESS

											later noticed depths all reading negative, proving that the sensor may be the main problem here that damages the meter as well. The sensor needs to be tested. We installed a new sensor. A new meter is in session pushing to FW and collecting data. New sensor readings are 100% accurate now. No issues with the equipment. Site verified. All manual measurements meter match readings flow laminar. No issues with the equipment.
--	--	--	--	--	--	--	--	--	--	--	--



MAINTENANCE LOG

LEAMINGTON-CSO-4

All level measurements in [mm]. All velocity measurements in [m/s].

Date / Time	Work Type	Level Confirmation					Velocity Confirmation			Silt Level	Comments
		Manual	Meter		% Error		Manual	Meter	Difference		
2024-02-07 13:09	MAINTENANCE										Upon arrival, the antenna was damaged, and the decibels were 99. After swapping signal strength returned. start read depth as -1190mm but FlowWorks data and collected data all read approximately zero and match manual readings. We cleared abnormal resets and kept the parameters as they were. values for verification were taken from collected data
2024-02-08 11:05	MAINTENANCE	4	5	5							changed physical offset and MH depth to 1697mm and 2785mm respectively. measurements are reading 2mm to
											5mm on a dry pipe.
2024-03-28 14:08	MAINTENANCE										The battery was swapped with a brand-new one. Site verified. Dry pipe with zero flow. Measurements match the meter. The Echo levelled. No issues with the equipment. Sim is in session pushing to FW.
2024-08-21 13:13	MAINTENANCE	7	6	6							Upon arrival, the echo was upside down. We levelled and adjusted it, verified the site, and found that all manual measurements matched meter readings. There is no flow in the pipe, which is currently dry. There are no issues with the equipment.
2024-09-17 13:46	MAINTENANCE	3	4	4							The Echo was off level. Debris accumulated on the antenna, weighing it down and causing it to be out of balance. The Echo is reinstalled with a new antenna. Site verified. All manual measurements match meter readings. The pipe is dry. Sim is in session pushing to FW.
2024-12-02 14:39	MAINTENANCE	6	5	5							Installed a new battery as requested. Sim is in session and pushing to FW. There are no issues with the equipment.



MAINTENANCE LOG

LEAMINGTON-CSO-5

All level measurements in [mm]. All velocity measurements in [m/s].

Date / Time	Work Type	Level Confirmation					Velocity Confirmation			Silt Level	Comments
		Manual	Meter		% Error		Manual	Meter	Difference		
2024-01-04 15:25	MAINTENANCE	6	25	6							Swapped battery. The pipe was dry, sensor readings indicate such construction crew was working on valves for a water line 50ft from the site. It is not clear if they are the cause. The crew mentioned that they did not bypass any water into the sewer themselves. video attached in EOD
2024-03-28 15:20	VERIFICATION	5	25	5							Site verified. The pipe is dry. Manual measurements match meter readings. Sim in session pushing to FW. No issues with the equipment.
2024-08-21 12:13	MAINTENANCE	0	26	7							Battery swapped. Site verified. All manual measurements match meter readings. The pipe is dry therefore the velocity is 0 m/s. No issues with the equipment.
2024-09-17 14:01	VERIFICATION	7	25	7							Site verified. All manual measurements match meter readings, and the pipe is dry. No issues with the equipment.
2024-12-02 14:04	MAINTENANCE										The meter battery is dead. We were unable to collect the missing data. However, we reactivated the meter and installed a new battery. The meter is now in session pushing to FW and collecting data as normal.



MAINTENANCE LOG

LEAMINGTON-CSO-6

All level measurements in [mm]. All velocity measurements in [m/s].

Date / Time	Work Type	Level Confirmation					Velocity Confirmation			Silt Level	Comments
		Manual	Meter		% Error		Manual	Meter	Difference		
2024-02-07 10:54	MAINTENANCE	3	25	2							Swapped battery @8.0v. The pipe is a trickling flow so low that it will not register a velocity.
2024-02-08 12:08	MAINTENANCE										Swapped battery. Cleared abnormal resets
2024-03-28 15:28	VERIFICATION	4	26	5							Site verified. The pipe is dry, and the velocity is 0ms. Manual measurements match the meter. There are no issues with the equipment. Flow laminar.
2024-08-21 12:00	MAINTENANCE	7	26	3							Site verified. All manual measurements match meter readings and there is no flow in the pipe. The pipe is dry. No issues with the equipment.
2024-09-17 14:06	VERIFICATION	2	26	2							Site verified. All manual measurements match meter readings, and the pipe is dry. No issues with the equipment.



MAINTENANCE LOG

LEAMINGTON-CSO-7

All level measurements in [mm]. All velocity measurements in [m/s].

Date/ Time	Work Type	Level Confirmation					Velocity Confirmation			Silt Level	Comments
		Manual	Meter		% Error		Manual	Meter	Difference		
2024-01-04 15:33	Maintenance	38	45	40							Swapped battery. Manual readings match the meter. Flow is laminar
2024-03-28 12:32	VERIFICATION	43	46	45							Battery swapped. Site verified. All manual measurements match the meter readings' flow laminar. There are no issues with the equipment. Sim in session pushing to FW.
2024-08-01 12:20	VERIFICATION	42	40	45							Manual measurements match the sensor, flow is laminar. Battery 8v.
2024-09-17 12:19	MAINTENANCE	58	62	60							Battery installed. The site took longer than usual as we had issues connecting. The Echo was off-level. Echo readjusted properly. More flow was recorded than historically recorded. Site verified. All manual measurements match the meter readings' flow laminar. No issues with the equipment. Sim is in session and pushing to FW.

Appendix D
2024 Pump Station Work Orders and Clean Out Tracking



2024 Pump Station Cleanouts

Date	Pump Station Cleaned
04-Apr-24	Erie Street South
	Leamington Mall
	Sandy Lakes
	Sturgeon Meadows
18-Apr-24	Cherry Lane
	Erie Shores
	Malibu
	Stormwater #1
	Stormwater #2
30-Jul-24	Erie Glen
	Golfwood Lakes
	Seacliff Beach
	Wilousa
31-Jul-24	Erie Shores
	Erie Street South
	Leamington Mall
	Malibu
	Sandy Lakes
	Sturgeon Meadows
26-Nov-24	Leamington Mall
	Pelee Bevel 1
	Pelee Bevel 2
	Pelee Bevel 3
	Pelee Bevel 4
	Sandy Lakes
	Seacliff Beach

Work History Report

Date Range: 1-1-1753 - 12-31-9999

WO# 760 Date Completed 5-15-2024 Completed By
Work Type Scheduled Work Priority Low
Equipment PS-ALL - All Pumping Stations
Task PS-WKLY-INSP Weekly Pump Station Inspection

Task Instructions

The following tasks are to complete building water pipe and valve inspections.

If you are unsure of the tasks or specific safety requirement(s), discuss with your Supervisor and JHSC (for safety related items) first. Follow all Plant SOPs. Lockout equipment where required. Any comments shall be noted on the Work Order. Sign and date once the tasks are completed.

- Blank Weekly Pump Station Inspection sheets can be found in the Plant Data folder.
- Confined Space procedures and policies must be applied.
- Portable gas detector required to test spaces before continuing inspections
- Notify Plant Operator or Administration staff before testing the alarms.
 - Where possible, have Security One call you with the alarm, or carry the On Call Phone.
 - Alarms go to the On Call Phone within the first 5 minutes of activation, after 5 minutes the alarms go to Security One and they follow the contact list.
- All high and low float balls must be physically activated to ensure they are clean and alarm properly when free of debris.

To complete the inspection for all pumping stations:

1. Inspect operation of all float balls to ensure they are not tangled or full of debris that would affect operation.
 - All floats should always physically checked each week to be free of buildup to prevent false alarms or improper pump operation that would cause them to run excessively.
2. Where equipped, check the alarm log or operation history on the Local HMI display.
3. Test all station alarms and verify they are activated properly on the Plant SCADA.
 - Alarms should go through Security One, On Call Phone, and show up on SCADA alarming history.
4. Record all pump hours.
5. Inspect wet well and observe for excessive buildup from grease or debris.
 - Clean out of wet well should be scheduled as needed.
6. Where equipped, rotate the duty pumps.
7. Where equipped, checked the Metering Chamber for excessive leaks or other concerns.
 - Test metering chamber floats where equipped.
8. Test run each pump.
 - Where equipped, note the flow of the pump through the flowmeter
 - While pump is in operation, check for anything unusual that may need further inspection.
9. After inspection, ensure all pumps are returned to Auto as able.
10. Reset any alarms if they are stored at the station.
11. Ensure all lids, control panels, doors, and fencing are locked and secured.
12. Once completed, enter pump hours into spreadsheet and verify that they look to be running normally.
 - Any pumps with unusual run hours should be investigated further to avoid damages.

Completed Notes

Labor

Class	Account	Employee	Est. Hours	Actual Hours	Cost
SO - Spare Operator or as A	Facility Maintenance		6.00		\$0.00
MM - Maintenance Mechani	Facility Maintenance		6.00		\$0.00

Work History Report

Date Range: 1-1-1753 - 12-31-9999

WO# 193 Date Completed 2-2-2024 Completed By
Work Type Scheduled Work Priority Moderate
Equipment PS-ALL - All Pumping Stations
Task PS-YRLY-PM Pump Station Yearly Valve Preventative Maintenance - Non Entry

Task Instructions

Follow the tasks outlined below to complete the Pump Station valve maintenance..

If you are unsure of the tasks or specific safety requirement(s), discuss with your Supervisor and JHSC (for safety related items) first. Follow all Plant SOPs. Lockout equipment where required. Any comments shall be noted on the Work Order. Sign and date once the tasks are completed.

- Refer to the operating manual for the equipment as needed for maintenance, general information, and troubleshooting tips.
- Valve key is needed to operate valves.
- Refer to drawings for Sandy Lakes and Sturgeon Meadows Pump Stations.
 - Exercise the bypass valves located in the ground, not inside the wet well.

To complete the valve preventative maintenance:

1. Turn off pumps to prevent cycling of the motor while exercising the valve.
2. Remove the recessed valve caps on to expose the valve stems:
 - Valve cover may need to be cleaned to remove.
 - Once removed, clean out debris.
3. Using the valve key, completely close the valve.
4. Using the valve key, completely open the valve.
5. Reinstall the valve cap.
6. Return the pumps to service.

Check once completed for:

Pelee 1	Pelee 2	Pelee 3	Pelee 4	Cherry Lane	Bevel Village	Sandy Lake	Sturgeon Meadows

Completed Notes

Labor

Class	Account	Employee	Est. Hours	Actual Hours	Cost
ASP - Assistant Plant Operat	Preventative Maintenance		3.00		\$0.00
SO - Spare Operator or as A	Preventative Maintenance		3.00		\$0.00
Labor Total					\$0.00
WO # 193 Total					\$0.00
Report Total					\$0.00

Work History Report

Date Range: 1-1-1753 - 12-31-9999

WO# 267 Date Completed 2-23-2024 Completed By
Work Type Scheduled Work Priority Low
Equipment PS-PBSPS-ALL-GEN - Pelee 1-4 Standby Generators
Task PS-WKLY-INSP Pelee PS Weekly Generator Inspections

Task Instructions

The following tasks are to complete inspections of the Pelee Pump Station Generators (Pelee PS #1 through 4).

If you are unsure of the tasks or specific safety requirement(s), discuss with your Supervisor and JHSC (for safety related items) first. Follow all Plant SOPs. Lockout equipment where required. Any comments shall be noted on the Work Order. Sign and date once the tasks are completed.

- Refer to the operating manual for the equipment as needed maintenance, general information, and troubleshooting tips.
- Perform weekly inspection on Generator as per the Weekly Generator Inspection Checklist for Pelee Pump Stations 1 - 4.
- Inspection sheets can be found under the Work Order Templates folder in Plant Data.
- Generator Inspections and Test runs should be completed during Weekly Pump Station Inspections.
- Once completed, ensure Generator is returned to 'Auto' for regular duty.
- Any deficiencies or repairs must be taken care immediately to avoid issues with emergency power.
 - Contact necessary contractor to complete repairs or troubleshoot issues that cannot be addressed.
 - If there are any deficiencies that would affect engine operation, do not test run until they are fixed.

Record the following during the inspection:

	Fuel Level	Run Hours
Pelee 1		
Pelee 2		
Pelee 3		
Pelee 4		

Completed Notes

Labor

Class	Account	Employee	Est. Hours	Actual Hours	Cost
SO - Spare Operator or as A Facility Maintenance			1.50		\$0.00
Labor Total					\$0.00
WO # 267 Total					\$0.00
Report Total					\$0.00

Work History Report

Date Range: 1-1-1753 - 12-31-9999

WO# 303 Date Completed 2-28-2024 Completed By
Work Type Scheduled Work Priority Moderate
Equipment PS-PBSPS-ALL-GEN - Pelee 1-4 Standby Generators
Task PS-M-INSP&TR Monthly Pelee 1- 4 Generator Inspection and Test Run

Task Instructions

The following tasks are to complete inspections and test run for all Pelee Pump Station Generators (Pelee PS #1-4)

If you are unsure of the tasks or specific safety requirement(s), discuss with your Supervisor and JHSC (for safety related items) first. Follow all Plant SOPs. Lockout equipment where required. Any comments shall be noted on the Work Order. Sign and date once the tasks are completed.

- Refer to the operating manual for the equipment as needed maintenance, general information, and troubleshooting tips.
- Complete the Weekly Generator Inspection Checklist before initiating the Monthly Test Run.
- Inspection sheets can be found under the Work Order Templates folder in Plant Data.
- Generator Inspections and Test runs should be completed during Weekly Pump Station Inspections.
- Test running of generator can only be done between 7 a.m. to 7 p.m.
- Keys for generator are at pumping station.
- Safety glasses and hearing protection are also required.
- Any deficiencies or repairs must be taken care immediately to avoid issues with emergency power.
 - Contact necessary contractor to complete repairs or troubleshoot issues that cannot be addressed.
 - If there are any deficiencies that would affect engine operation, do not test run until they are fixed.

To initiate a test run on each generator after inspection is completed:

1. At the pump control panel, turn the 'Generator Test' switch to 'Test'.
2. Generator will start up.
 - You might here a 'clunking' sound from the Transfer Switch changing to Emergency power from Generator.
3. After the test run time is completed, switch the 'Generator Test' switch to 'Normal'.
4. Generator will go into cool down mode and shut off once it 'syncs' back to Utility power.
 - You might here a 'clunking' sound from the Transfer Switch changing to Emergency power from Generator.
 - The changeover back to Utility power can take 10-15 minutes.
5. Generator will shut off.
6. Clear all alarms on the local HMI.
7. Lock up station panels and Generator once completed.

To record data for the test run on the Decision Maker 550 (inside Generator Housing):

1. Go to the keypad menu.
2. Select menu 1.
3. Scroll down until you get the Generator run data.

To record data for the test run on the Decision Maker 3000:

1. Turn the dial/knob
 - when turned will cursor through the parameters until you get to the generator data.

Completed Notes

Labor

Class	Account	Employee	Est. Hours	Actual Hours	Cost
SO - Spare Operator or as A Facility Maintenance			3.00		\$0.00
Labor Total					\$0.00
WO # 303 Total					\$0.00

Work History Report

Date Range: 1-1-1753 - 12-31-9999

WO# 1653 Date Completed 10-16-2024 Completed By

Work Type Scheduled Work Priority Moderate

Equipment PS-MAL - Mall Pumping Station

Task PS-YRLY-LUBR Yearly Mall Pumping Station Motor Greasing

Task Instructions

The following tasks are to complete the yearly motor greasing at the Mall Pumping Station

If you are unsure of the tasks or specific safety requirement(s), discuss with your Supervisor and JHSC (for safety related items) first. Follow all Plant SOPs. Lockout equipment where required.

Any comments shall be noted on the Work Order. Sign and date once the tasks are completed.

- Refer to the operating manual for the equipment as needed for maintenance, general information, and troubleshooting tips.
- Pumping station entry into dry well is required, you will need to follow Confined Space policy and procedures.
- Lockout/Tagout as required.
- Use a lithium based, general purpose Grade 2 grease.

To complete the lubrication:

1. Clean the greasing fitting and the pressure relief fitting (if equipped).
2. Slowly apply 1 to 2 shots of grease or until you see grease come out of the relief fitting.
 - If there is no relief fitting, remove the grease drain and then run the motor for up to 10 minutes before replacing the plug.
 - Excessive grease pressure may damage bearing shield.
 - Excessive grease may cause overheating or bearing failure.
 - Excessive grease can be forced into motor housing and collect on the winding.

Check once completed for:

Pump 1		Pump 2	
--------	--	--------	--

Completed Notes

WO # 1653 Total	\$0.00
Report Total	\$0.00

Appendix E
2024 Flushing Program

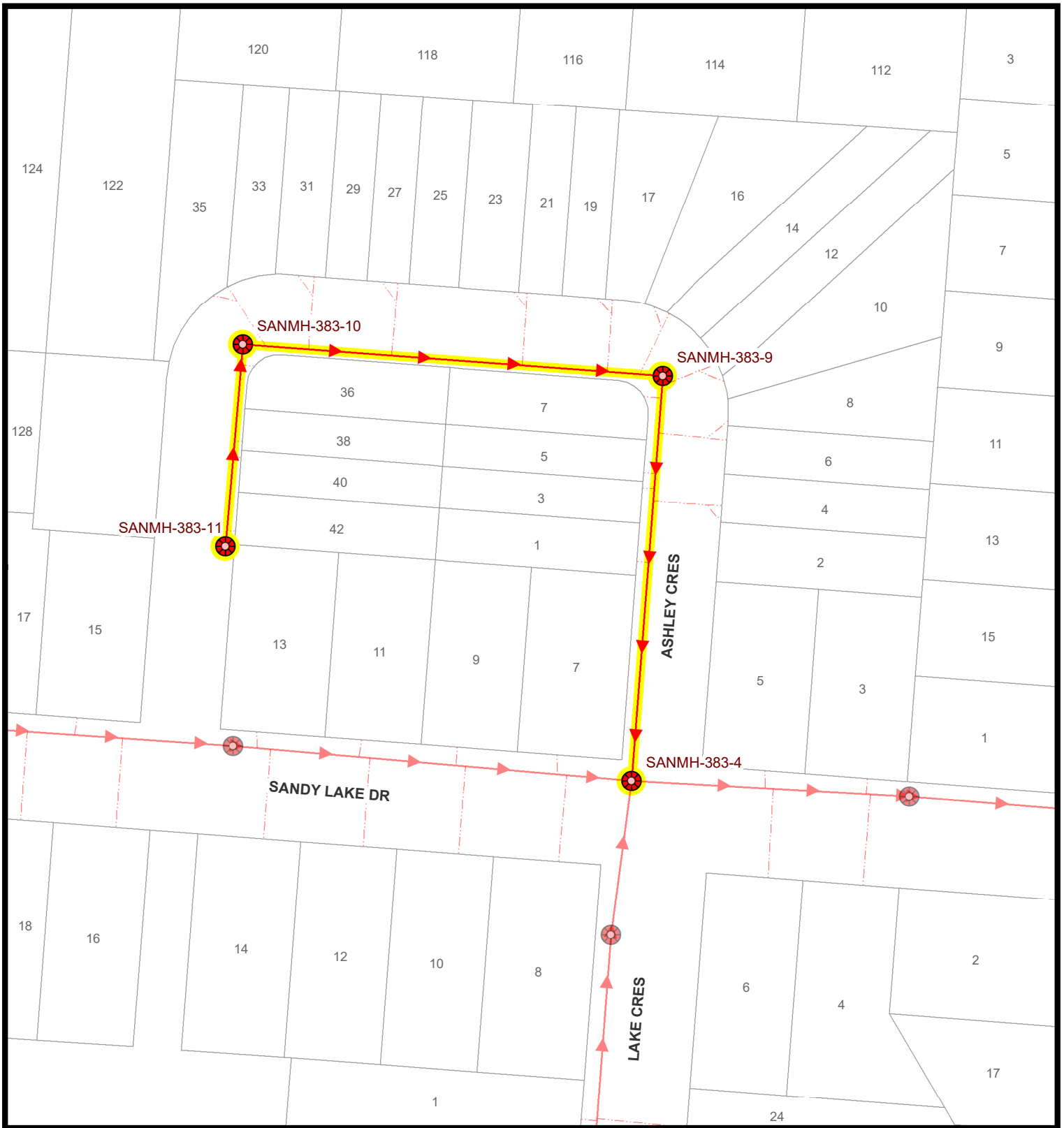


2024 Sanitary/Combination Sewer Flushing

Date	Location	Issue/Resolution	Sewer Type
various	3 month flushing	refer to mapping	SAN
various	6month flushing	refer to mapping	SAN
various	annual flushing	refer to mapping	SAN/COMB
various	Hodgins, Smith, Elliott, Wilkinson	Flush and video for future sewer separation project	COMB
various	Lutsch, Wigle, Sherman	Flush and video	SAN/COMB
2024-01-05	Oak St E from Plumbrook to Briarwood	Flush and remove grease in line	SAN
2024-01-09	Lutsch Street	Flushed sanitary sewer from grease build up	SAN
2024-02-01	Malibu, Cheyenne, Wigle, Maxon	Roots in line, flush for removal	COMB/SAN
2024-02-13	Westmoreland and Lutsch	Flush roots on Westmoreland and grease on Lutsch	COMB/SAN
2024-02-15	Sherman	Depression in road - flush and video to confirm	COMB
2024-02-22	Fox and Lutsch	Grease in main on Lutsch and Fox St sinkhole	COMB/SAN
2024-02-23	Wallace Ave	Flush main sewer line due to blockage	SAN
2024-02-26	102 Robson Rd	Plugged sewer - flushed to remove blockage	SAN
2024-03-06	Westmoreland	Silt and debris holding back	COMB
2024-03-15	Wigle St Alley between Orange and Mill	Mystery sewer in alley	COMB
2024-07-05	Martin Drive	Sinkhole investigation flush and video	COMB
2024-07-08	Countess	Sinkhole in road flushed and video main	SAN
2024-07-09	Westmoreland and Nancy	Debris in pipe causing backup Westmoreland easement and Nancy sinkhole	COMB
2024-08-23	Erie St S	Flush and video easement line at Erie St S parking lot	SAN
2024-11-08	3 Maxon	PDC Flushing	COMB
2024-11-19	64 Lutsch	PDC Flushing	SAN
2024-11-20	40 Russell St	PDC Flushing	COMB
2024-11-20	18 Cambridge	PDC Flushing	SAN
2024-11-21	82 Marlborough St E	PDC Flushing	COMB
2024-11-21	76 Mill St E	PDC Flushing	COMB
2024-11-21	38 Plumbrook	PDC Flushing	SAN
2024-11-21	90 Danforth	PDC Flushing	COMB
2024-11-21	103 Elliott St	PDC Flushing	COMB
2024-11-21	31 Grace Ave	PDC Flushing	COMB
2024-12-17	4 Bruce St	Flush and video main	SAN

Sewer Flushing Area - Year 1 Street Listing

Aiuto Drive	Johnson Avenue
Albert Street	Kimball Avenue
Armstrong Drive	Lamarsh Street
Askew Street	Lewis Lane
Baird Avenue	Maple Avenue
Brown Street	Marlborough Street West
Cameo Drive	MCR Drive
Chestnut Street	Mill Street West
Churchill Avenue	Nancy Avenue
Clark Street West	Noble Avenue
Csorgo Drive	Otton Lane
Elliott Street	Pearl Avenue
Erie Street North	Poplar Street
Fader Avenue	Queens Avenue
Fox Street	Russell Street
Francesco Court	Selkirk Avenue
Fuller Avenue	Smith Avenue
Grace Avenue	Sunset Court
Hazelton Street	Talbot Street West
Hodgins Street	Westmoreland Avenue
Hutchins Court	White Street
Industrial Road	Wilkinson Drive
John Street	



Legend

-  Combination Manholes
-  Sanitary Manholes
-  Combination Mains
-  Combination PDC
-  Sanitary Mains
-  Sanitary PDC
-  Low Pressure Flush
-  3 Month Flush



Title:

3 Month Flushing Ashley Cres approx. 195 m



Scale: 1:1,000

0 10 20 40 Meters

Prepared For: Eng

Date: November 06, 2023

Prepared By: GIS Services

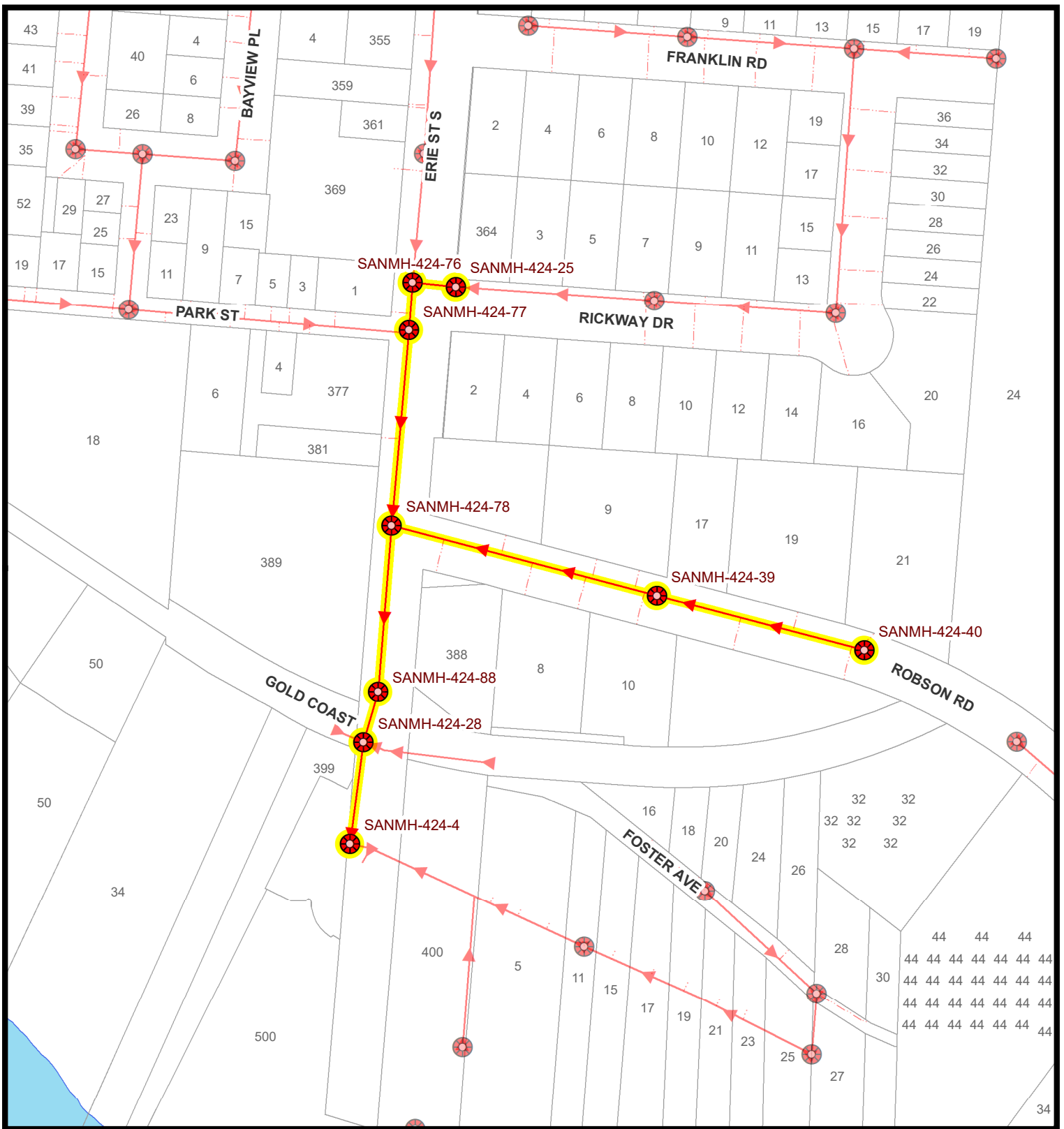
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TEL: (519) 326-6761 FAX: (519) 326-2481



Legend

-  Combination Manholes
-  Sanitary Manholes
-  Combination Mains
-  Combination PDC
-  Sanitary Mains
-  Sanitary PDC
-  Low Pressure Flush
-  3 Month Flush



Title:

3 Month Flushing Erie St S / Robson Rd
approx. 415.9 m



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Scale: 1:2,000

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Prepared For: Eng

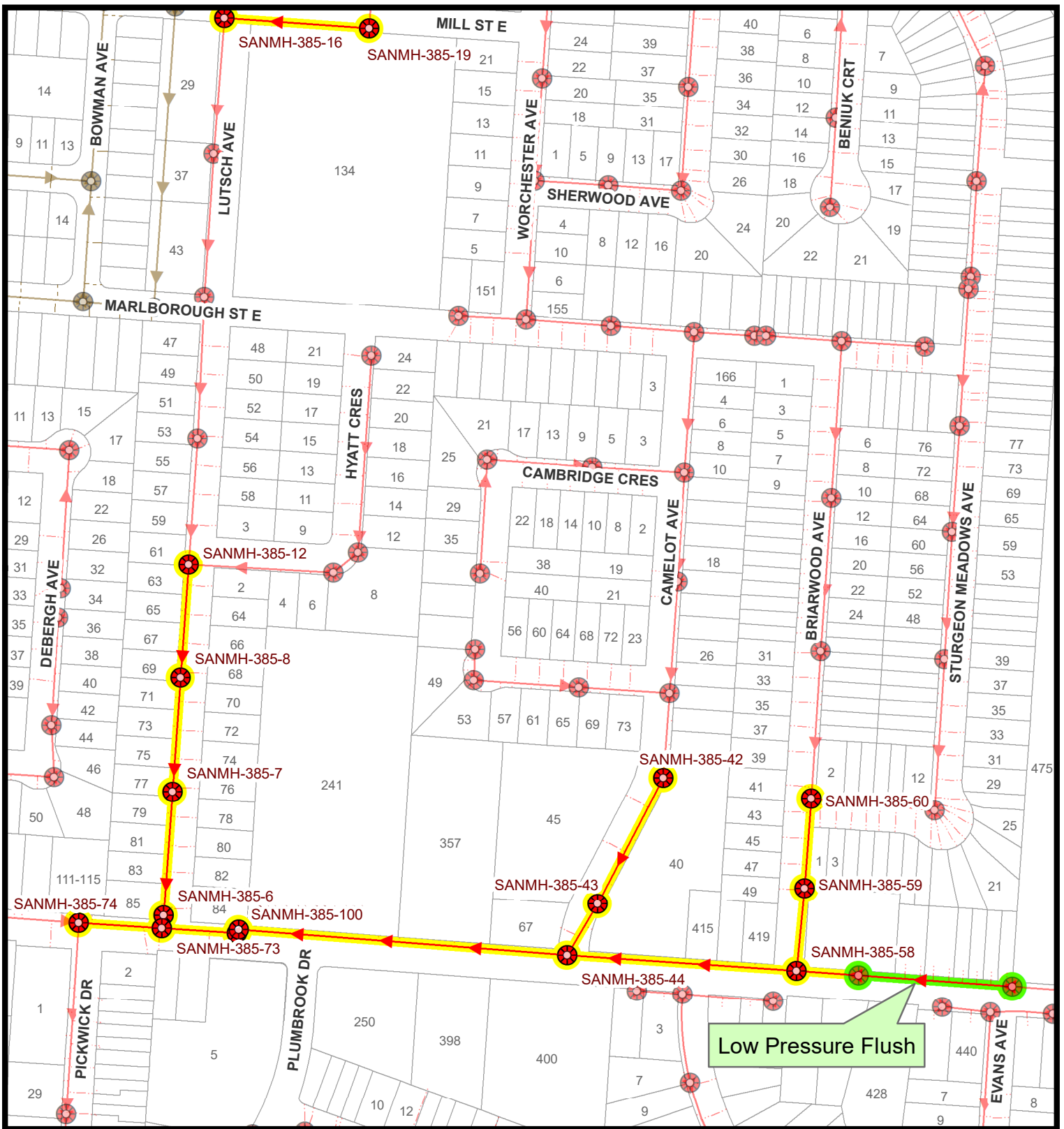
Date: November 06, 2023

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Legend

- Combination Manholes
- Sanitary Manholes
- Combination Mains
- Combination PDC
- Sanitary Mains
- Sanitary PDC
- Low Pressure Flush
- 3 Month Flush



Title: 3 Month Flushing Oak St E / Briarwood / Lutsch Ave approx. 1207.8 m



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Scale: 1:3,500

0 30 60 120 Meters

Prepared For: Eng

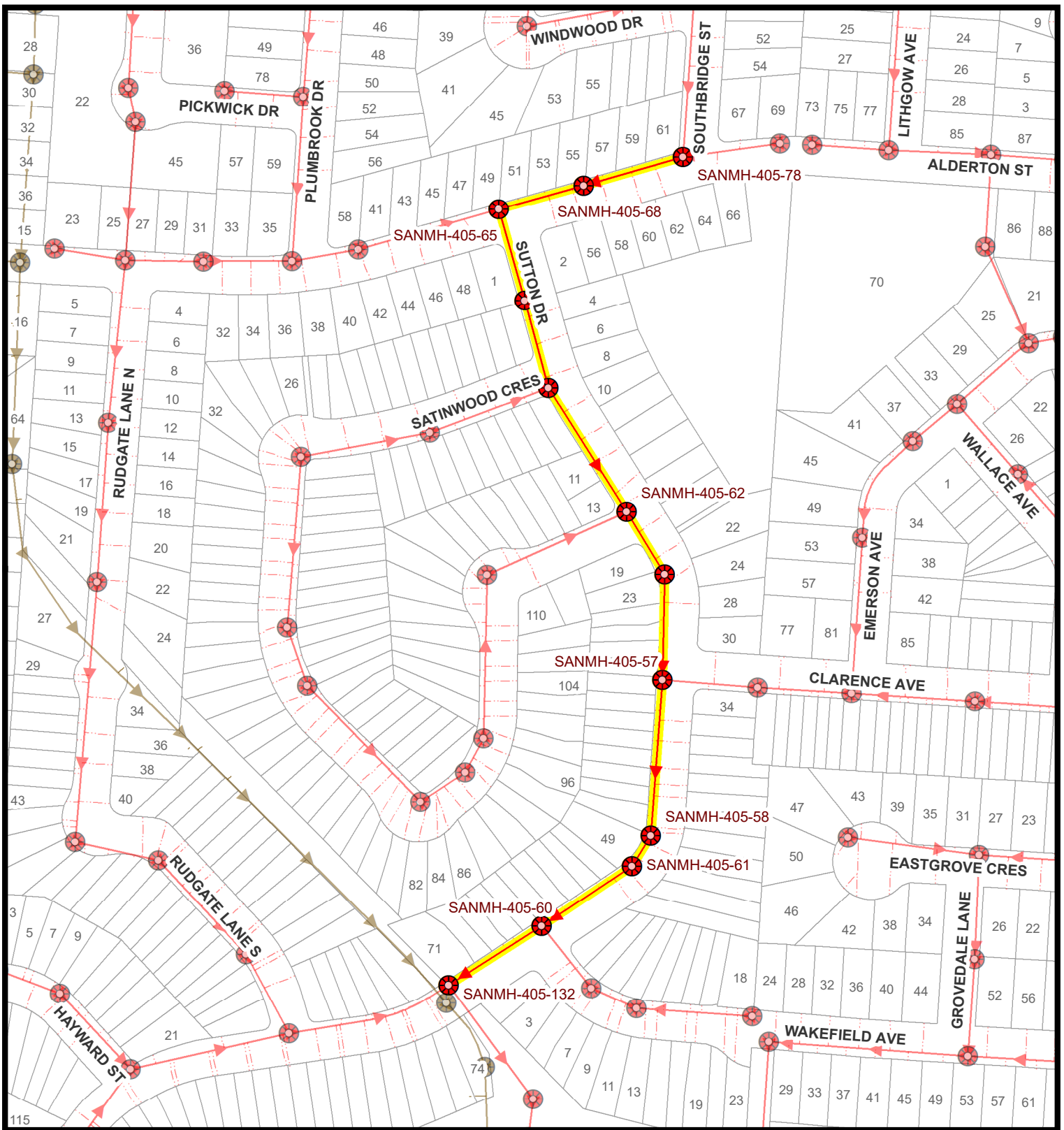
Date: November 06, 2023

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Legend

-  Combination Manholes
-  Sanitary Manholes
-  Combination Mains
-  Combination PDC
-  Sanitary Mains
-  Sanitary PDC
-  Sanitary Mains



Title: 6 Month Flushing Alderton / Sutton approx. 589.6 m



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Scale: 1:2,800 0 25 50 100 Meters

Prepared For: Eng

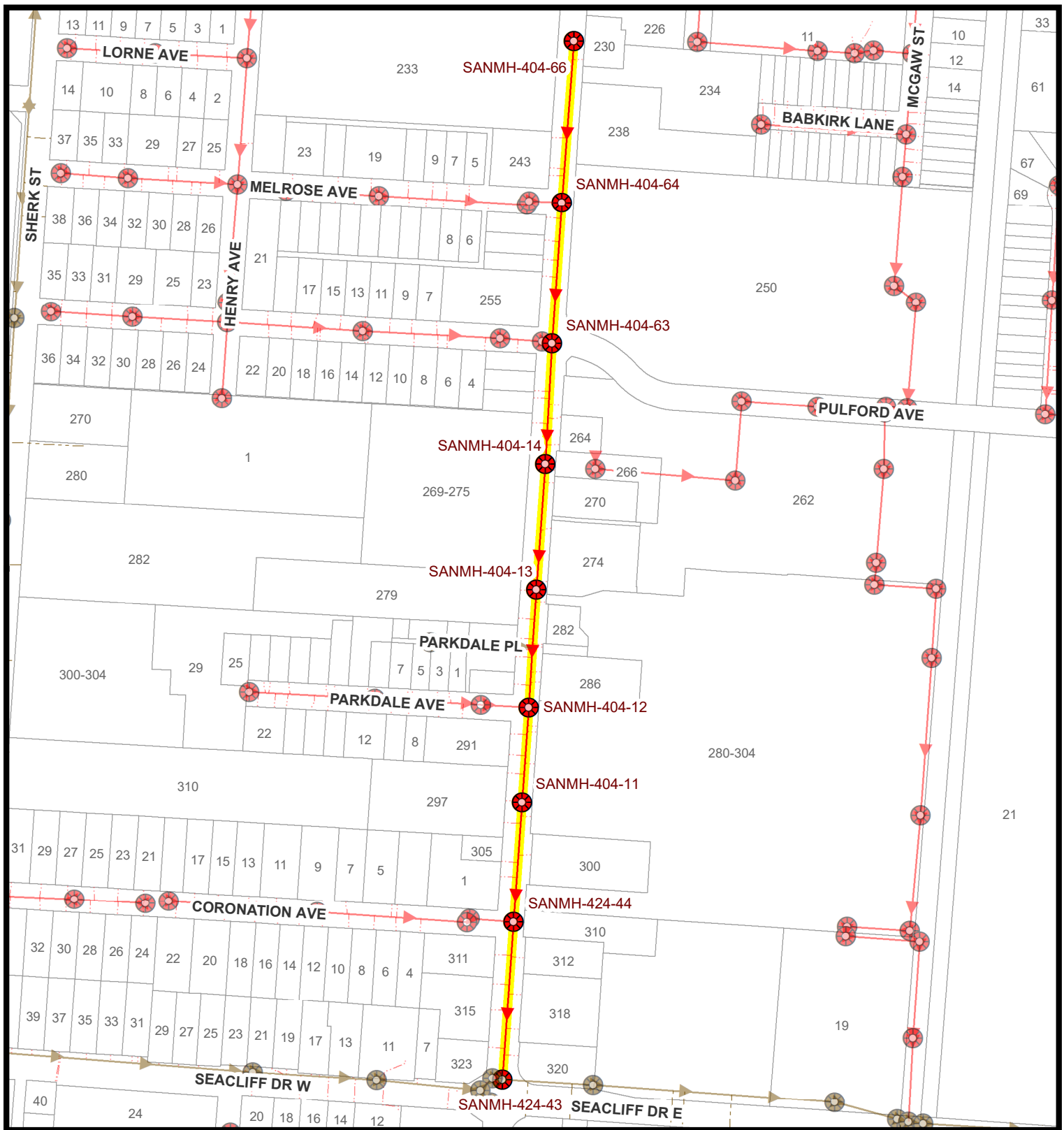
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Legend

- Combination Manholes
- Sanitary Manholes
- Combination Mains
- Combination PDC
- Sanitary Mains
- Sanitary PDC
- Sanitary Mains



Title:

6 Month Flushing Erie St S approx. 589.6 m



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Scale: 1:4,000

0 37.5 75 150 Meters

Prepared For: Eng

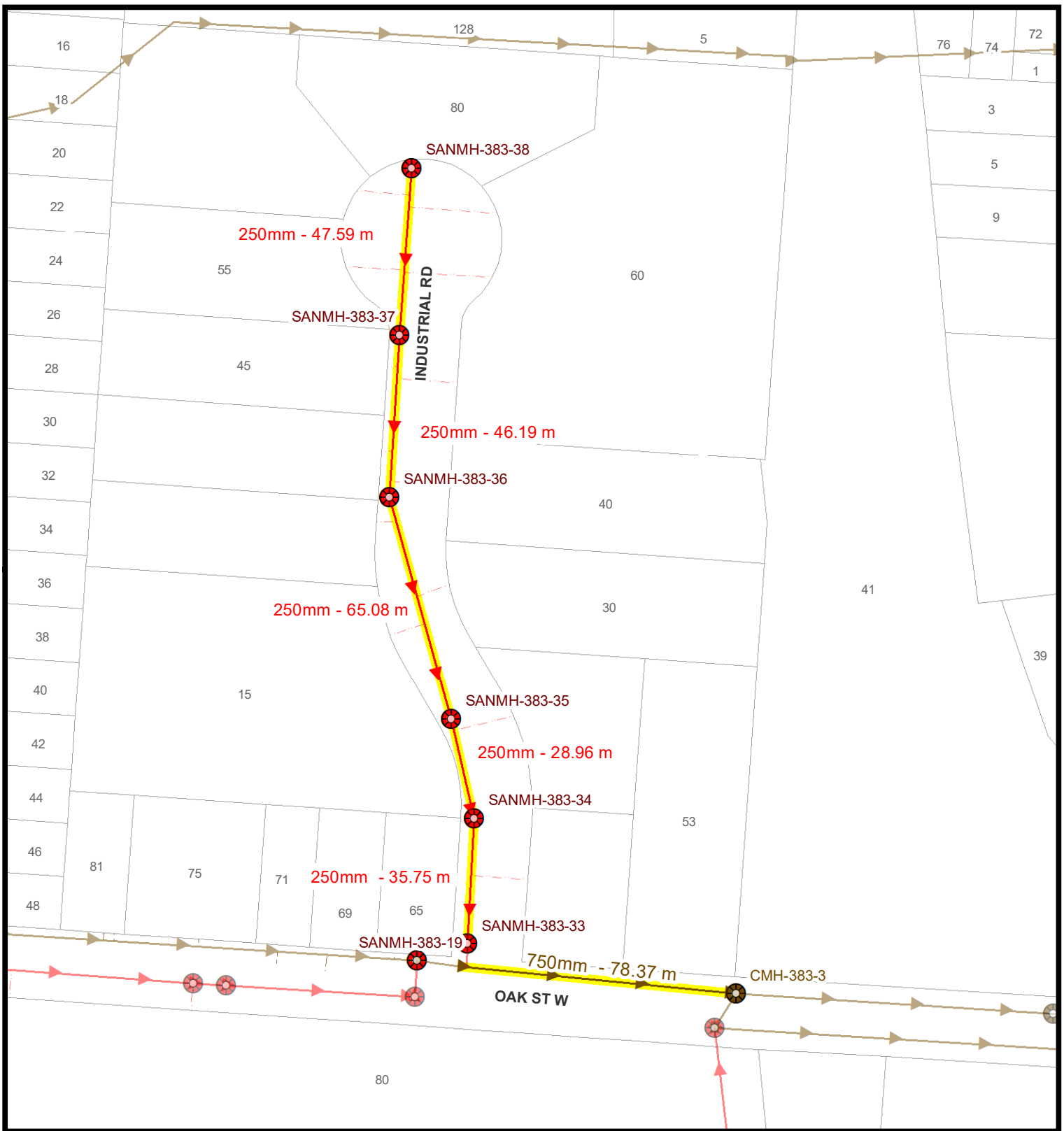
Date: November 06, 2023

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Legend

- Combination Manholes
- Sanitary Manholes
- Combination Mains
- Combination PDC
- Sanitary Mains
- Sanitary PDC
- Annual Flush



Title:

Annual Flushing Industrial Rd / Oak St



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Scale: 1:1,500

0 15 30 60 Meters

Prepared For: Eng

Date: June 22, 2022

Prepared By: GIS Services

File No: N/A

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Legend

- Combination Manholes
- Sanitary Manholes
- Combination Mains
- Combination PDC
- Sanitary Mains
- Sanitary PDC
- Annual Flush



Title:

Annual Flushing Lutsch / Hyatt



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Scale: 1:5,000

0 50 100 200 Meters

Prepared For: Eng

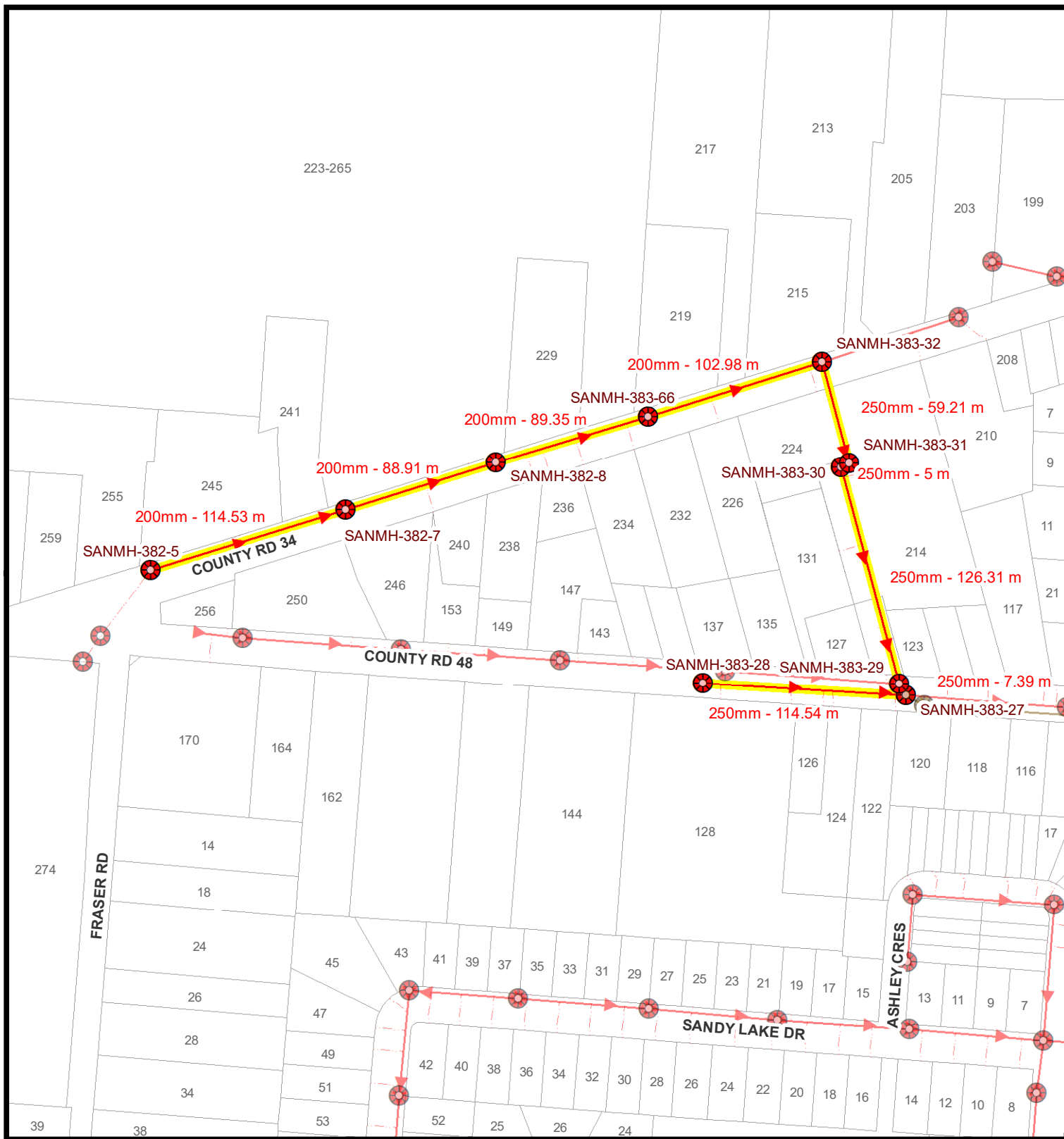
Date: June 22, 2022

Prepared By: GIS Services

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Legend

- Combination Manholes
- Sanitary Manholes
- Combination Mains
- Combination PDC
- Sanitary Mains
- Sanitary PDC
- Annual Flush



Title: Annual Flushing Talbot Rd W / Easement / Oak St W



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Scale: 1:3,000

0 25 50 100 Meters

Prepared For: Eng

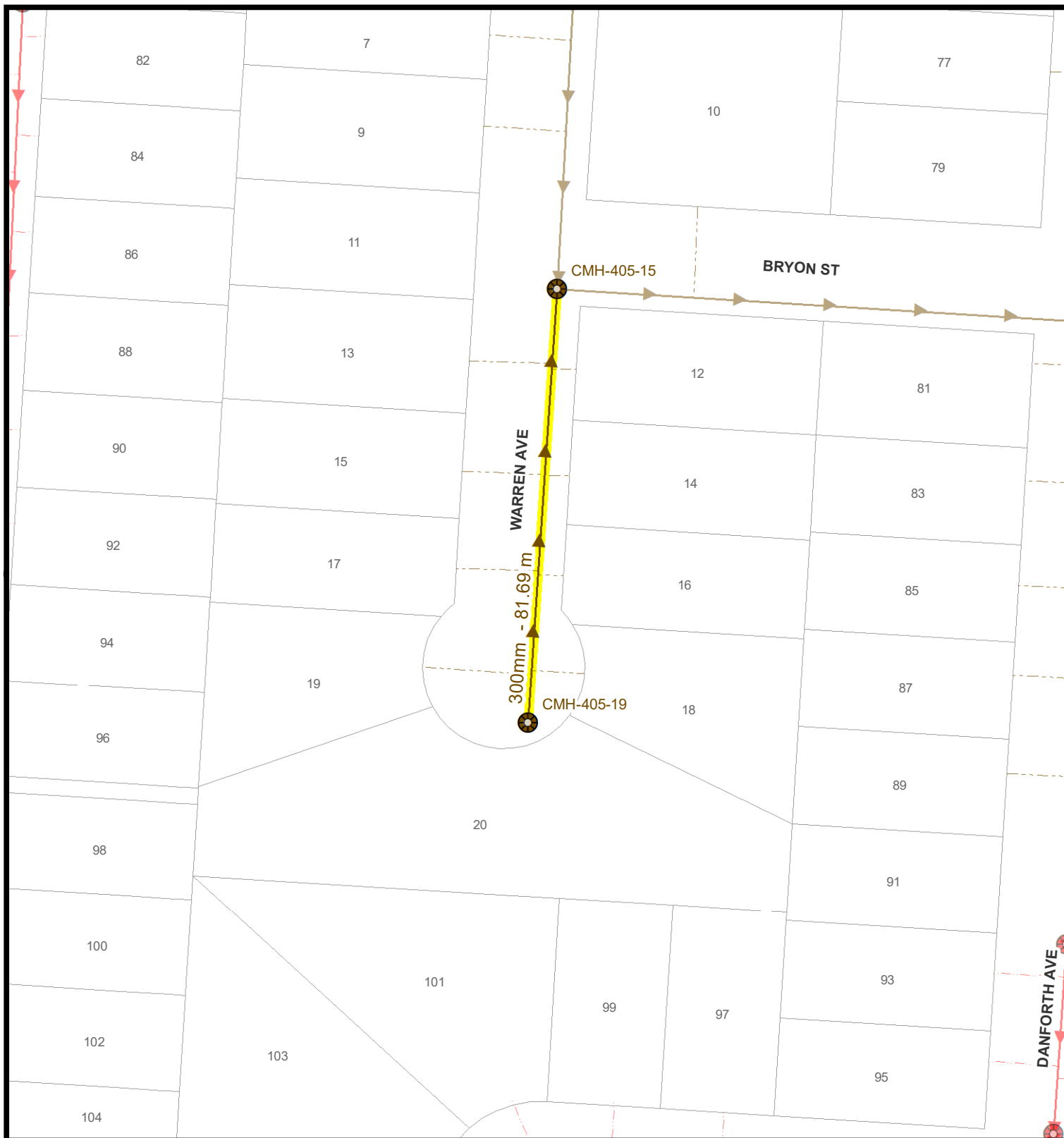
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Legend

-  Combination Manholes
-  Sanitary Manholes
-  Combination Mains
-  Combination PDC
-  Sanitary Mains
-  Sanitary PDC
-  Annual Flush



Title:

Annual Flushing Warren



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Scale: 1:1,000

0 10 20 40 Meters

Prepared For: Eng

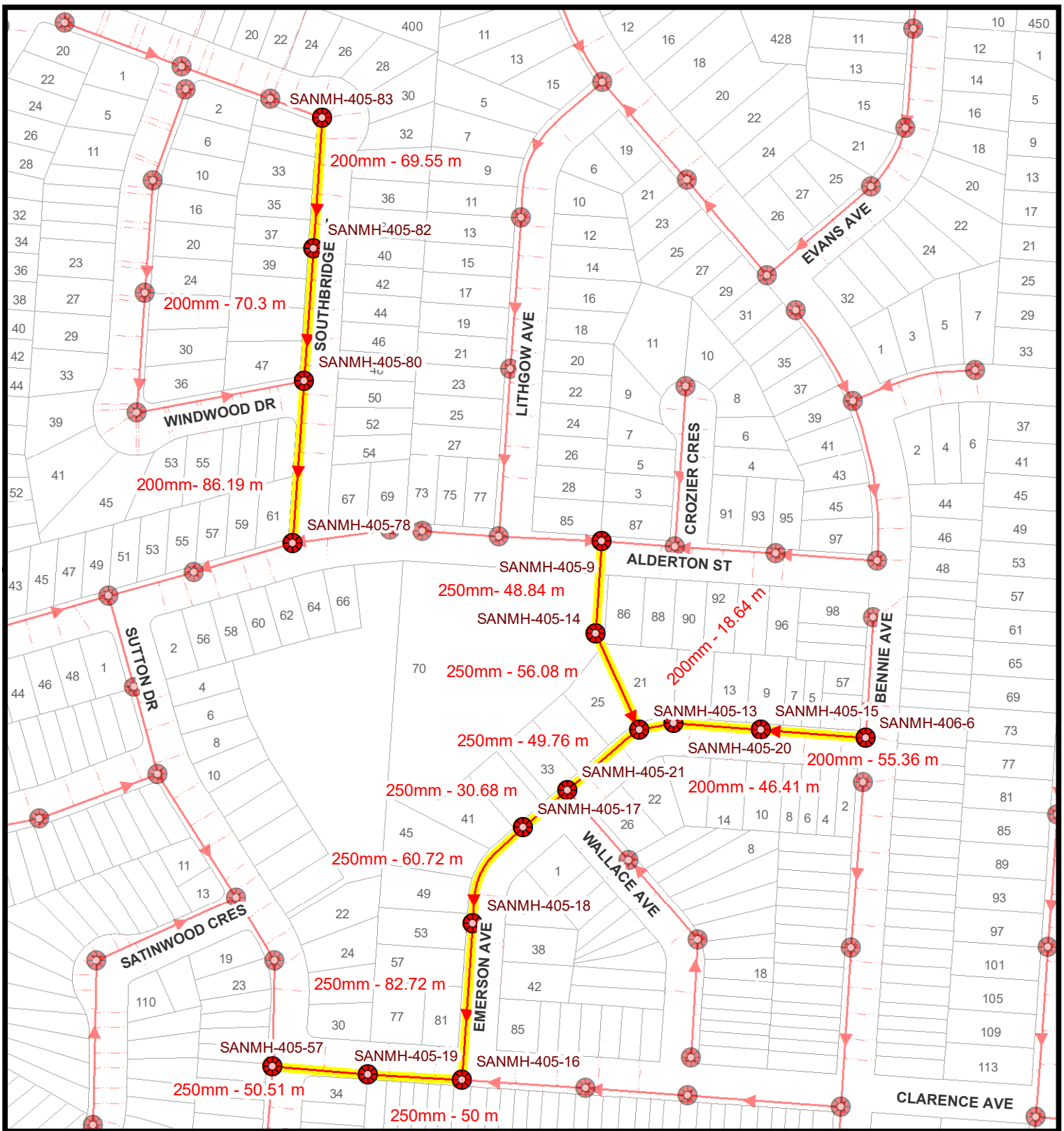
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Prepared By: GIS Services

File No: N/A

Notes:

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Legend

- Combination Manholes
- Sanitary Manholes
- Combination Mains
- Combination PDC
- Sanitary Mains
- Sanitary PDC
- Annual Flush



Title:

Annual Flushing Windwood/SouthBridge/Emerson/



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Scale: 1:2,800

0 25 50 100 Meters

Prepared For: Eng

Date: June 22, 2022

Prepared By: GIS Services

File No: N/A

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Appendix F
2024 Pump Station and Sewer Repairs



2024 Pump Station Repairs

Date	Pump Station	Repair Completed
10-Mar-24	Pelee Bevel 3 and Pelee Bevel 4	Relocated high level float ball hangers to more accessible location.
12-Mar-24	Pelee Bevel 3	Adjusted impellor clearance to improve pump capacity.
08-May-24	Sandy Lakes	Replaced pump #1 check valve
27-May-24	Seacliff Beach	Adjusted pump high level and pump stop level in wet well (ring relocation)
30-May-24	Pelee Bevel 1 and Pelee Bevel 2	Installed new heat exchangers.
31-May-24	Seacliff Beach	Installed new heat exchanger.
08-Oct-24	Wilousa	Pulled pump #3 for repairs.
18-Oct-24	Stormwater #2	Installed new low level float ball.
23-Oct-24	Sturgeon Meadows	Repaired pump #2 check valve.
16-Dec-24	Sandy Lakes	Repair main incoming power disconnect.

2024 Sanitary/Combination Sewer Repairs

Date	Address	Issue	Repair	Sewer Type
2024-01-04	161 Talbot St E	Grease in lateral	Removed grease	SAN
2024-01-09	58 Victoria S	Roots present	Root cut	COMB
2024-01-13	75 Hodgins	Roots in lateral	Root cut	COMB
2024-01-25	30 Carter	Roots in lateral	Root cut	SAN
2024-02-03	8 Morgan	Sinkhole in road from catchbasin	Repaired lateral	COMB
2024-02-04	99 Marlborough St E	Lateral collapse	Replaced lateral to main	COMB
2024-02-12	27 Robinson	Roots in lateral	Root cut	COMB
2024-02-13	14 Lutsch	Grease in lateral	Cleared blockage	SAN
2024-02-14	Ellison at Carter	Drop structure broken	Repaired drop structure	SAN
2024-02-15	92 Wigle	Sinkhole in sidewalk	replaced lateral	COMB
2024-02-24	17 Sandy Lake Drive	Roots in lateral	Root cut	SAN
2024-02-27	105 Mill St E	Roots in lateral	Root cut	COMB
2024-03-04	Baird St Repair	Manhole sinkhole at Selkirk	Parged main and manhole	COMB
2024-03-19	27 Erie St N	Blockage in lateral	Cleared blockage	SAN
2024-03-27	13 Maynard	Pipe collaspe	Replaced lateral to property line	COMB
2024-04-05	3 Hodgins	Sinkhole in backyard	Old lateral capped	COMB
2024-04-15	35 Russell	Sinkhole in road	Repaired main collapse	COMB
2024-04-24	12 Satinwood	Pipe full of stone	Flexshaft to remove stone	SAN
2024-04-30	Fox St	Sinkhole in road	Main patched with liner	COMB
2024-05-24	98 Antonio Court	Stones in lateral causing blockage	Flushed and eeled line	SAN
2024-05-27	86 Settrington St	Crossbore	Removed cross bore	COMB
2024-06-14	24 Smith Ave	Sewer collapse	Replaced section	COMB
2024-07-01	Noble St	Failing manhole	Replaced manhole	COMB
2024-07-09	22 Countess	Sanitary lateral collapse	Repaired lateral	SAN
2024-08-08	9 Churchill	Roots in lateral	Root cut	COMB
2024-08-13	4 Montgomery St	Belly in lateral	Replaced lateral with slope	COMB
2024-08-14	20 Ontario	Roots in lateral	Root cut	COMB
2024-08-31	21 Queen Ave	Sinkhole in approach	Repaired lateral	COMB
2024-09-02	Rudgate S	Missing manhole	Installed manhole	COMB
2024-09-06	16 Ontario	Roots in lateral	Root cut	COMB
2024-09-10	28 Danforth	Collaspe in lateral	Replaced lateral	COMB
2024-09-16	Erie St N (89 Erie St N)	Manhole installation	Installed manhole	COMB
2024-09-23	5 Westmoreland	Sinkhole in road	Replaced lateral in road	COMB
2024-09-30	Wigle and Orange st	Sinkhole in road	Patched main into manhole	COMB
2024-10-02	53 Orange St	Breaks in lateral	Liner from cleanout to main	COMB
2024-10-03	71 Victoria St	Failing lateral	Line lateral from cleanout to main	COMB
2024-11-05	16 Summerville	Constant backups no slope in lateral	Replaced lateral to Sunningdale	SAN
2024-11-13	67 Hazelton	Roots in lateral	Root cut	COMB
2024-11-16	29 Oak ST W	Lateral collapse	Replaced lateral to property line	COMB
2024-11-22	Whitwam and Settrington	Mystery main going down Settrington	Installed manhole for maintenance	COMB
2024-11-24	Johnson and Nancy	Manhole replacement	Replaced manhole	COMB
2024-12-03	Victoria St S	Manhole failing at 4 Victoria	Repalced manhole	COMB

Appendix G
2024 Complaints



Sanitary Sewer CityWorks Tickets

RequestId	Date Initiated	Description	Priority	Category	Dispatch To	Address	Status	Details	Comments
23249	2024-01-02 03:58 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	134 MILL ST E	CLOSED	Back half building where bathrooms are flooded with about an inch of water, they are currently trying to vacuum it up. This happened sometime between sunday and today	Spoke with caller and was advised that the work being done by hurricane was affecting his sewer - the work hurricane was doing is too far away from the school and would not have an effect on his sewers - advised him to call a plumber to investigate a
23298	2024-01-09 01:15 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	12 LUTSCH AVE	CLOSED	Client reporting sewage backup in the basement, please call back	Sewer main backup - had LSI on site and cleared blockage - all running smooth
23300	2024-01-09 03:04 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	7 & 5 LUTSCH AVE	CLOSED	Charlotte called on behalf of her and her neighbour. Both basements are flooded. Call Dom, he said they are out there right now fixing a clog	Main line sanitary sewer was blocked by grease and debris. Leamington Sanitation flushed the main line and everything is running fine now.
23325	2024-01-12 09:15 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	4 MARIE CRES	CLOSED	Marie is having issues with her sink not draining properly	Went to site and mains running smooth - advised resident to contact plumber as it seems like a private issue as other bathrooms are working
23401	2024-01-22 02:00 AM	Sewer problem/backup	2	SEWER		92 TALBOT ST W	CLOSED	Sewer is plugged, plumbing company said that the connection to the town is what is clogged.	Could not find cleanout - advised resident cleanout must be exposed at surface for municipality to confirm and take over if issue is on municipal side
23428	2024-01-25 10:11 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	172 TALBOT ST E	CLOSED	Leamington Sanitation has been doing digging, the town told them there are no sewer lines in the front of the property and only in the back, but they know for sure there are two sewer cleanouts at the front. In 2022 a town worker removed the back water valve cap and never replaced it. Wondering if someone can call back to discuss this.	No sewer issues just wanted to know if she's tied into the front or the combination in the back - advised her that stubs have been provided to the front and the Municipality can confirm that, no records in building that show any plumbing permits taken out
23516	2024-02-02 09:33 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	14 LUTSCH AVE	CLOSED	Basement bathroom is not draining properly	Cleanout installed - had LSI on site to flush main and lateral line - clear to main
23649	2024-02-21 03:19 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	STURGEON MEADOWS AVE	CLOSED	Someone is dumping some kind of used cooking oil or grease (something that smells awful) down the sewer. With warm weather coming smell will only get worse. possibly someone can flush it, he finds it disturbing and is worried his dog will get sick	Sent PW to clean out and Bylaw to look into any homebased kitchens around the area.
23657	2024-02-22 11:06 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	71 WILKINSON DR	CLOSED	She would like someone to call her and explain the combine sewers to her. She also said that her laundry tub is backing up.	Called resident and explained the type of sewer she's on - advised her to contact sanitation company
23670	2024-02-23 12:00 PM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	102 ROBSON RD	CLOSED	Sewer backing up again	Had LSI to clean and video the main line. seen no issues other then not enough flow to push solids down the mainline.
23691	2024-02-26 03:30 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	105 MILL ST E	CLOSED	Sewer backed up recently, not currently backed up. Can you take a look?	Had LSI to rootcut the lateral line from a cleanout at the property line. Everything is working good after
23692	2024-02-26 04:24 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	110 MILL ST E	CLOSED	Neighbour connected their sewer water to his water and now his sewer is backing up. Wants someone to come and look at it as he doesn't think it should be installed that way.	Spoke with resident - private issue as there is no cleanout at municipal side - private cleanout at 110 Mill to main clear - issue in 108 Mill cleanout - resident who reported this lives at 108
23766	2024-03-06 11:09 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	62 WILKINSON DR	CLOSED	She is having problems with her sewer backing up, she had someone come and try to clean something out and they said it wouldnt work until the pump is cleaned out by the town. Please contact her.	Called resident and left a message - no cleanout found at property line - mains running smooth - no pump in area - need more information
23848	2024-03-18 09:45 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	2008 MERSEA RD 11	CLOSED	She is looking for her septic field in her backyard. She is wondering if someone can come out and show her. Please contact her.	Called resident and advised her to contact a sanitation company to look into it - we have no records of where the tank is located.
23884	2024-03-22 10:38 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	31 CHESTNUT ST	CLOSED	Sewer backing up through 2 toilets at her house	P-traps in toilet blew due to Sewer flushing - no sewer backup - mains running good.
23899	2024-03-25 12:55 PM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	1 & 2 HUTCHINS CRT	CLOSED	The sewer is backed up, and Dan looked at the cleanout and noticed it was full. He said he was going to try and put a pipe through it, I informed him not to until the inspectors had a chance to look at it. The number he provided is not his, but someone will answer it	Looked into our system and everything is working well. Private issue told resident to contact a sanitation company
23933	2024-03-28 09:51 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	67 WILKINSON DR	CLOSED	Elisabeth's brother-in-law called his name is Dan and was asking if this property is hooked up to the sewer and if not how much it would be to connect	Called resident and explained where they are connected - line in the backyard - cannot eliminate septic tank
23990	2024-04-08 09:30 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	165 TALBOT ST W	CLOSED	12:30am there was a loud bang noise that woke her up, they saw someone moving the sewer grate. Their toilet started backing up, they were able to resolve it in their own home however it was very weird and not normal occurance.	Spoke with resident and advised her to fill her p traps with water and air out the house
24039	2024-04-11 02:52 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	9 BENNIE AVE	CLOSED	Rene left a voicemail, saying the construction that occurred in Nov did not work. He would like a call back.	Talked to the resident and explained options to them. They understood
24050	2024-04-12 02:57 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	102 DANFORTH AVE	CLOSED	Basement toilet has been clogged for a week and wont flush	Called resident and left message - wrong number - went to site and knocked on door - no answer - resident should call sanitation company to get it fixed
24085	2024-04-16 04:30 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	31 CHURCHILL AVE	CLOSED	Sewer backing up into the basement. Needs someone to come out.	Private issue with the septic tank. Suggested to call a sanitation company.
24117	2024-04-19 01:20 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	252 OAK ST E	CLOSED	Sewer backing up through the drain in the compressor room and a toilet, have had multiple plumbers investigate the issue with no results. has been occurring for about 4-6 months	Private issue - lateral tied into back with Eastern property - slow flow into MH but clear to main - should be on a flushing program to ensure solids are making its way through
24139	2024-04-23 10:09 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	77 JOHN ST	CLOSED	Someone from the town was out last week doing work in the sewers and now she is having problems with her plumbing. Loud noise coming out when toilet is flushed and filling back up. She said she would like someone to conact her.	Talked to the resident and explained the work the municipality had done
24199	2024-04-30 10:43 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	HICKSON RD & KENT COUNTY RD 1	CLOSED	This warehouse put in a sewer line between his property and town property and now its gushing sewage out and making a mess. He would like someone to come out and look at it. Please contact him.	Contacted the engineering firm and contractor to resolve the problem. re-fused the cap back on the stand pipe. everything is working fine now.
24256	2024-05-06 12:09 PM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	13 CORONATION AVE	CLOSED	He just had his sewer cleaned out and the person was unable to clean it fully as there are a bunch of tree roots growing in it. He also said the line will need to be replaced. Please contact him.	Assisted with finding cleanout. Everything is working fine on municipal property.
24273	2024-05-07 09:38 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	2436 DEER RUN RD	CLOSED	She is looking for the sewer line and is wondering if someone from the town can locate it. Please contact her.	Called Alannah and provided her the information - no sewers on Deer run rd - all houses should be on septic system (Tank and bed) no houses should be tied into drain
24310	2024-05-09 02:56 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	39 SUTTON DR	CLOSED	He needs to locate his sewer clean out. Would like someone to contact him.	Assisted finding the cleanout.
24450	2024-05-22 10:58 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	56 PLUMBROOK DR	CLOSED	Sewer problems	Went to site - no cleanout at PL - mains running smooth - private issue - told resident to contact sanitation company for investigation
24469	2024-05-23 10:18 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	56 PLUMBROOK DR	CLOSED	Having issues with their sewer	No cleanout at PL - mains running smooth - advised her to get into contact with Sanitation company for investigation
24509	2024-05-27 11:53 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	63 VICTORIA AVE S	CLOSED	Sewer is backed up and not going out it keeps coming back up. Needs someone to come look at it. Please contact him.	When on site the issue is on the private side.
24511	2024-05-27 12:53 PM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	4 SMITH AVE	CLOSED	Just moved into Leamington and was told he has a hybrid sewer septic system. He hasn't been able to find out when the last time the system was drained. He is wondering if that is something the town does. Please give him a call at 226-246-4377.	Talked to the resident and explained the situation.
24596	2024-06-04 10:49 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	PILLON AVE	CLOSED	He put a septic tank in and its above ground and now the water is coming to her property flooding it. Please contact her.	Hi Alley Yes please schedule a site visit.
24764	2024-06-18 11:11 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	13 ELIZABETH CRES	CLOSED	They finished pouring concrete and now they are washing out the wheelbarrows and dumping all the extra concrete down into the sewer system. She is worried this will cause damage for us.	Went to site and spoke with contractor - called Essex ready mix to advise that their drivers cannot be washing out in the basins, next time they will see an invoice.
24767	2024-06-18 12:35 PM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	24 MARLBOROUGH ST E	CLOSED	Councilor Abraham called on Juans behalf and said that the sewer is backing up and water is coming into the house. Would like someone to come out and look at it.	Cleanout clear to main - private issue
24837	2024-06-27 08:44 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	4 CHURCHILL AVE	CLOSED	Sewer backing up through a drain in her basement	Went to site and checked cleanout - no water - clear to main - mains running smooth - advised resident that everything on Municipal side is running smooth - need to investigate on the private side
24854	2024-06-28 08:40 AM	Sewer smell	2	SEWER	BEZAIRE AREVALO, DANIEL	230 ERIE ST S	CLOSED	In the area outside of the building there it smells like sewer smell strong and it keeps happening over and over	No issues with sewers in that area- mains running smooth
24923	2024-07-08 08:50 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	22 COUNTESS ST	CLOSED	sewer/septic combination backing up into house	Repaired the lateral line at the property line.
24980	2024-07-11 09:13 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	42 MARLBOROUGH ST W	CLOSED	There is a sinkhole on his front lawn he said he can see the sewage pipes. He had to put a piece of wood over it so that no one falls in. He would like someone to go out and look at it.	Went to site and sinkhole is on the private side south of cleanout - no blockage on municipal side - private issue - advised resident
24992	2024-07-11 03:35 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	48 WIGLE ST	CLOSED	Septic or sewer is filling up, thinks its because of work being done on the street	Went to site and no cleanout at PL - septic tank overflowing - cleanout on private side empty - seems to be an issue with the tank - mains running smooth

Sanitary Sewer CityWorks Tickets

RequestId	Date Initiated	Description	Priority	Category	Dispatch To	Address	Status	Details	Comments
25105	2024-07-24 08:51 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	96 WIGLE ST	CLOSED	Major is doing the watermain replacemnt and they notified the resident of a sewer leak. He said it is disconnected under the road and if it is left the road will cave in.	Brought to the attention of R.C spencer as there is a water main project on going. R.C spencer to speak with Major construction for repairs.
25245	2024-08-06 04:14 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	4 MONTGOMERY ST	CLOSED	Sewer back up - has been going on for a few years	JR on site yesterday to replace lateral from cleanout to main - belly removed and all running smooth
25287	2024-08-08 04:01 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	84 PRINCESS ST	CLOSED	Grey sludge coming through kitchen sink drain. Water not draining and when she tried to use the plunger, more grey sludge came up. This happened last night, so its not happening anymore but she said this also happened last night to two of her neighbors who live on Princess.	Talked to the owner and problem was resolved
25347	2024-08-14 01:38 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	77 ASKEW ST	CLOSED	Sewage coming up through shower, plumber has been out and said no clog	Dom went to site and all is clear on Municipal end - sinkhole near house possible collapse - private issue
25431	2024-08-22 10:37 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	197 TALBOT ST W	CLOSED	Has a plumber at their business and half the toilets work and the other half don't. The plumber has snaked it and explored all possibilities believes its an issue further down with the sewer drain	Went to site - everything on municipal end is running smooth - seems like an issue on the private side with the pump station - advised resident to contact landlord/owner of property
25432	2024-08-22 11:01 AM	Request for sewer information	3	SEWER	SCHOON, PAUL	THERESA TRAIL	CLOSED	Suspects paint has been poured down sewer adjacent to 94 Theresa Trail	PW washed the grate and curb line today and hydro vacuumed the catch basin so no paint would enter the sewer system. No further action required by PW
25500	2024-08-28 01:27 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	50 REGATTA DR	CLOSED	Sewage came up through drain in laundry room	After a large rain the floor drain surcharged. might be cross connection on the private part
25510	2024-08-29 11:11 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	26 OLIVE DR	CLOSED	House flooded two years ago when they first bought it. It flooded again last year and after that they put in two back up valves. The other day during the heavy rainfall he was able to turn it off with the manual back up but it overwhelmed the first one. He said it is sewage that is coming up. Would like to be contacted to have someone look into this.	All sewers running smooth - baackup caused by PCC overflowing causing backup/surcharge of sewers - recorded 7 m in chamber at PCC
25565	2024-09-04 10:50 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	3 NELSON ST	CLOSED	Plumber identified a clog on municipal property leading to water not leaving her property through her sink, toilet, laundry, shower, etc.	Went to site and all clear on municipal end - cleanout clear to main - private issue - found that cleanout had 2 connections, the one at the bottom is capped
25572	2024-09-05 01:04 AM	Sewer smell	2	SEWER	NAJIM, DOMINIC	21 TALBOT ST W	CLOSED	Getting a septic gas smell that is coming into the store yesterday morning. very strong smell inside the store. Present in two other buildings adjacent to the store. Did have a plumber come but there was nothing they could find that would be the issue. It went away by yesterday afternoon when they aired out the store.	Smell was from the out side that migrated back into the building.
25593	2024-09-09 11:07 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	41 POPLAR ST	CLOSED	Flushing the toilet and water is coming up through the bathtub. Started at the back house and the in the front house. Both of them are currently working but it keeps happening on and off.	Went to site and checked from cleanout to main - clear - private issue
25775	2024-10-02 09:19 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	20 MONTGOMERY ST	CLOSED	Had a plumber at the house this morning. Sewage water backing up into the basement. Plumber stated there is a complete blockage beyond the property line.	Went to site and no cleanout at PL - private cleanout in driveway - could not confirm where blockage/break is - roots and minor fractures observed in line - sewer running to main - resident needs to install cleanout at PL before Municipality can tak
25836	2024-10-10 09:42 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	CAMELOT AVE	CLOSED	Finished paving Camelot yesterday, can no longer see sewer drain on road near her home. worried they were paved over. can someone go check please	Talked to resident and explained to them that the sewer system is in the boulevards
25969	2024-10-25 03:27 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	4 ROGER ST	CLOSED	Everything is backed up, wants someone to come look	Private issue. problem resolved
25970	2024-10-28 09:02 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	59 HAZELTON ST	CLOSED	Works about 5 minutes away from his home, please call him to say when you're on your way so he can meet you there. When flushing toilet, it backs up into the basement. please take a look into this.	No cleanout at the property line. one cleanout at the west side of their house. suggested to contact a sanitation company
26093	2024-11-07 01:28 AM	Request for sewer information	3	SEWER	BEZAIRE AREVALO, DANIEL	RUSSELL ST	CLOSED	Between naders mart and cibc there is a manhole popping up	Frame and cover replaced on Nov 18 2024. all good
26182	2024-11-19 04:27 AM	Sewer problem/backup	2	SEWER	NAJIM, DOMINIC	64 LUTSCH AVE	CLOSED	Sewer is plugged, basement is backing up through washing machine and floor, checked sewer grates on street and looks almost full there	Contacted LSI to flush. Everything is working fine
26197	2024-11-21 11:36 AM	Sewer smell	2	SEWER	NAJIM, DOMINIC	50 SEACLIFF DR E	CLOSED	Resident is experiencing a very concerning smell of rotten vegetation coming through the vents in the underground parking lot. Landlords/Management of building refuse to do anything about the concern & has been occurring 2 years - smell getting worse and resident feels nausea/dizzy concerned about health.	Spoke with resident and he is describing a rotting smell coming from the underground parking lot - no signs of smells or contamination noted on the Municipal end - spoke with Building department and bylaw - by law mentioned there is cockroaches
26354	2024-12-09 04:28 AM	Sewer problem/backup	2	SEWER	BEZAIRE AREVALO, DANIEL	15 PRINCESS ST	COMPLETE	Please see attached voicemail	Went to site and checked cleanouts in Mill St Parkinglot - clear to main - private issue - potentially a septic tank on site and tied into Princess St - advised resident to have an investigation done on the line to see where the issue is
26440	2024-12-18 03:12 AM	Request for sewer information	3	SEWER	NAJIM, DOMINIC	112/114 ERIE ST	CLOSED	Luis wanted to inform us that a double diamond truck, which was working around 114/112 Erie St S, had backed up onto our property where we fixed a broken sewer that we just fixed in Aug/Sept, twice. He was dealing with Dominic with the new sewer, and was concerned.	Went to site at 4 Montgomery and checked cleanout to main with camera - all clear to main - minor debris but no blockage or break - checked lateral with resident - no issues

Sanitary Sewer Log

ID	Date	Address	Concern	Action_Taken	Comments	Responder
476	2024-01-03	134 MILL ST E	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Mains running smooth - private issue advised them to call plumber	DBA
477	2024-01-09	12 LUTSCH AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - MAIN LINE BLOCKED	MH Surcharged with grease and papertowel presence - LSI on site to flush main - main running smooth	DBA
478	2024-01-13	75 HODGINS ST	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - CLEANOUT/CB SURCHARGED	The lateral line from basin is blocked on municipal side near the Main line.	DN
479	2024-01-28	99 MARLBOROUGH ST E	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - WIPES AND TREE ROOTS IN LINE.	LSI eeled the line from the cleanout at the property line for 97 & 99 Marlborough st E. found some roots and alot of wipes in the lateral line on municipal property.	DN
480	2024-01-31	99 & 97 MARLBOROUGH ST E	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Replaced the lateral line from property line to mainline sewer with 5" PVC that services #97 and 99 Marlborough St E	DN
481	2024-01-25	30 CARTER AVE	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI flushed and root cut from the cleanout at property line. roots on municipal side at cleanout connection.	DN
482	2024-02-06	14 LUTSCH AVE	BASEMENT FLOOR DRAIN SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	Priority Locates installed a cleanout at property line and unpluge the sewer on municipal side.problem was under the road	DN
483	2024-01-22	92 TALBOT ST W	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sewer main running smooth - cleanout stack clear to main - private issue	DBA
484	2024-01-22	49 HAZELTON ST	SINKHOLE IN PARKING LOT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sewer main running smooth - no visible signs of damage to main - lateral shows possible break on private side - advised owner of plant products	DBA
485	2024-02-02	14 LUTSCH AVE	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	Sewer main running smooth - advised resident to install cleanout if they think issue is on municipal side	DBA
486	2024-02-06	92 WIGLE ST	SEWERS RUNNING SLOW	MUNICIPAL PROPERTY - LATERAL BREAK	Sewers running smooth but lateral break under sidewalk causing sinkhole - JP Excavating to be on site monday for repair - minor roots at joints but house has tank	DBA
487	2024-02-07	14 LUTSCH AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - MAIN LINE BLOCKED	Cleanout installed - grease presence in main and lateral - had LSI on site to flush the main - will continue to monitor - possible belly at connection	DBA
488	2024-02-10	27 ROBINSON ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Emerg call out for sewer- went to site and break observed in cleanout - c/o clear of water on municipal side but c/o in driveway full - private issue - advised resident to fix cleanout and if roots are on municipal side we will root cut	DBA
489	2024-02-12	92 WIGLE ST	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Roots in line and break undersidewalk causing sinkhole - JP Ex on site to replace section from cleanout to just west of sidewalk new PVC - removed 3" repair causing issues - good to main	DBA
490	2024-02-14	161 TALBOT ST E	SEWERS RUNNING SLOW	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Massive grease issue on private side causing backup on municipal side - plumbing on private side too low causing belly at cleanout - advised resident that the municipality will no longer be responsible for maintenance due to grease	DBA
491	2024-02-27	105 MILL ST E	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI root cut the lateral line from the cleanout at property line. Lots of roots were cut out of lateral line. sewer is working fine after root cutting.	DN
492	2024-02-21	17 WALLACE AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - MAIN LINE BLOCKED	Sewer backup in basement - mainline blocked with sticks, wipes and grease - LSI on site and flushed main - clear and flowing	DBA
493	2024-02-22	35 RUSSELL ST	SEWERS RUNNING SLOW	PRIVATE PROPERTY - NO CLEANOUT	Resident reports upstairs bathrooms working but downstairs not working - could not find cleanout at property line - advised resident to contact sanitation company and uncover cleanout	DBA
494	2024-02-22	71 WILKINSON DR	SEWERS RUNNING SLOW	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Resident reports laundry is backing up into sink - sinks upstairs and bathrooms working - advised resident to contact sanitation company and to uncover cleanout at property line.	DBA
495	2024-02-22	110 MILL ST E	CLEANOUT SURCHARGED	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Checked line and clear to main - shared connection with 108 Mill St E - cleanout at 108 Mill St E surcharged - no cleanout at property line	DBA
496	2024-02-22	108 MILL ST E	CLEANOUT SURCHARGED	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Checked line and blockage 2 ft in from private cleanout - shared connection with 110 Mill St E - cleanout surcharged - no cleanout at property line - advised resident its a private issue	DBA
497	2024-03-06	44 WILKINSON DR	SEWERS RUNNING SLOW	MUNICIPAL PROPERTY - MAIN LINE BLOCKED CROSS BORE WITH GAS	CROSS BORE---Enbridge removed the gas line from the lateral line and made the proper repairs and added a cleanout	DN
498	2024-03-01	23 SEACLIFF DR W	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	Break under driveway on private side - no cleanout	DBA
500	2024-03-30	29 CAMBRIDGE CRES	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Cleanout to main clear - main running smooth - private issue - grease presence in lateral	DBA
502	2024-04-02	6 GARRISON AVE	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Main clear and running smooth - private issue - no cleanout	DBA
503	2024-04-10	13 MAYNARD ST	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE. AND BROKEN	Found a break in the municipal Lateral ine where #11 & 13 connect. Replaced the line with PVC and added cleanouts to the curb from property line	DN
504	2024-04-24	12 SOUTHBRIDGE ST	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI root cut through cleanout in front of 10 Satinwood CCTV and seen visible stones in line. Brake is on the private side. Municipal side is in good condition.	DN
505	2024-05-26	98 ANTONIO CRT	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	Clogged at the cleanout. cctv showed the cleanout stack is not connected to the T fitting and allowing soil and stone into the lateral line.	DN
506	2024-06-21	4 CHURCHILL AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI on site to eel roots found in lateral - cleared to main	DBA
507	2024-05-03	86 SETTERINGTON ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	Went to site and no cleanout - private issue - RFG to install cleanout	DBA
508	2024-05-15	58 ORANGE ST	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Went to site and roots at joints holding back solids - LSI on site to root cut - cleared to main - LSI to line	DBA
509	2024-05-23	56 PLUMBROOK DR	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	Went to site and mains running smooth - no cleanout at PL - advised resident that it's a private issue	DBA
510	2024-07-02	75 SETTERINGTON ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	Went to site and mains running smooth - no cleanout at PL - Video shows steel cap at PL needs to be removed as it's at location for cleanout - up to resident to maintain	DBA
511	2024-07-02	230 ERIE ST S	SEWER SMELL	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sewers running normal - no signs of smells in area - potentially could of been a draft from the Pollution plant after a rain	DBA

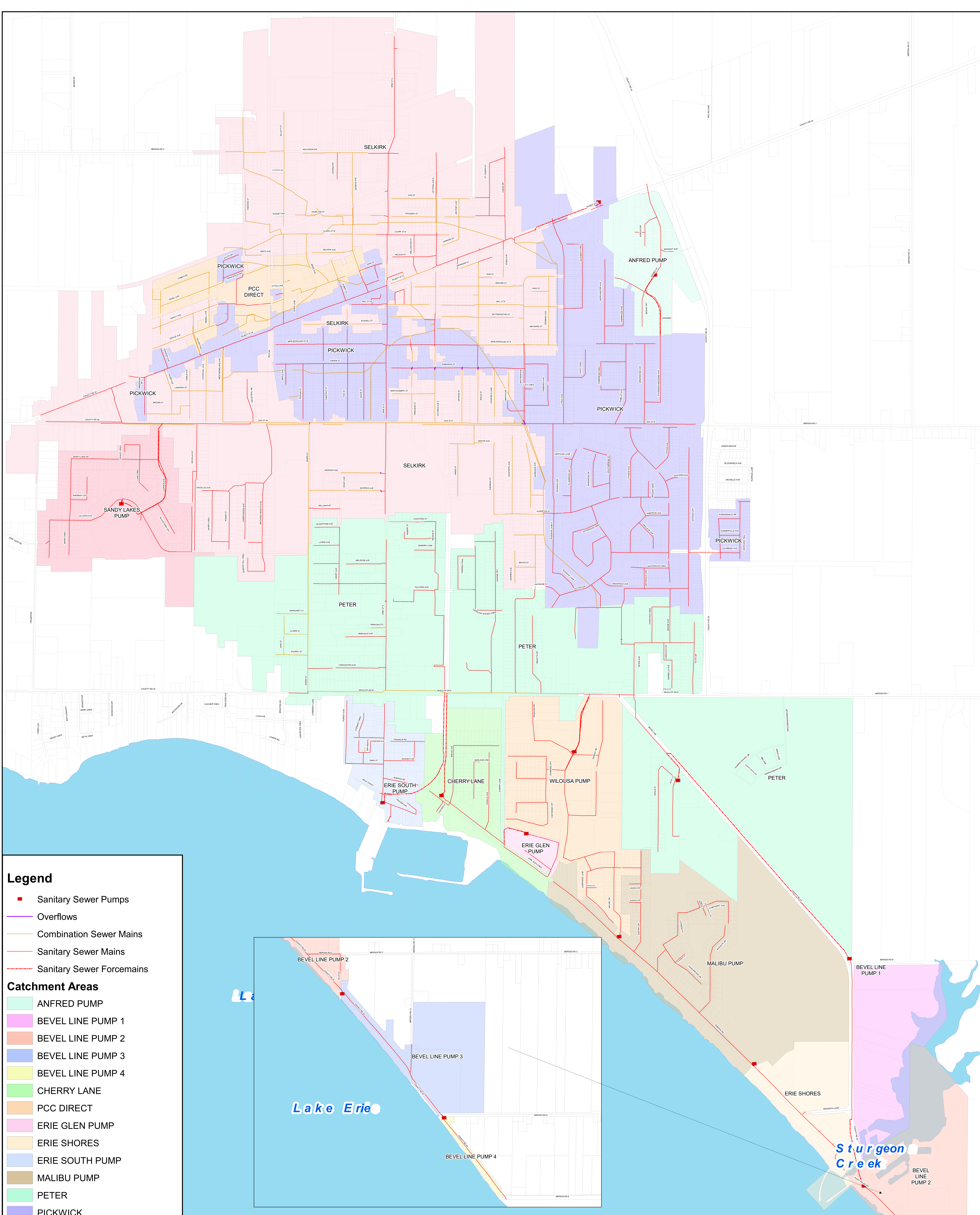
Sanitary Sewer Log

ID	Date	Address	Concern	Action_Taken	Comments	Responder
512	2024-07-15	17 SANDY LAKE DR	BASEMENT FLOOR DRAIN SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Clean out connection not attached to out going pipe. roots are getting in at connection. home owners responsibility to repair. a 1 time rootcut was done on July 12 2024 by the municipality.	DN
513	2024-07-16	29 CHURCHILL AVE	BASEMENT FLOOR DRAIN SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	Roots in lateral line. LSI root cut on municipal property. will line the lateral line	DN
514	2024-07-25	58 VICTORIA AVE S	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Roots present in lead from cleanout 6' past driveway - cleared to main - running	DN
515	2024-07-09	22 COUNTESS ST	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - MAIN LINE BLOCKED	Hurricane SMS and J&T on site to remove flusher hose from lateral that got stuck and install cleanout - clear to main	DBA
516	2024-07-11	42 MARLBOROUGH ST W	SEWERS RUNNING SLOW	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sinkhole present north of cleanout on private side - lead probably collapsed - private issue - advised resident to contact contractor	DBA
517	2024-07-11	48 WIGLE ST	SEWERS RUNNING SLOW	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sewer surcharge into house - went to site and tank overflowing in backyard - cleanout to main clear - private issue	DBA
518	2024-07-23	45 JOHN ST	SEWER Surcharge onto property	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sewer surcharge into backyard from 4 Baird Ave - private issue and forwarded to Building dept	DBA
519	2024-07-29	125 TALBOT ST W	SINKHOLE IN ROAD	MUNICIPAL PROPERTY - MAIN LINE BROKEN	J&T on site to repair sinkhole at CB - found old abandoned main where top of pipe collapsed taking material - placed u fill to cap pipe and seal hole - clear to main	DBA
520	2024-07-31	96 WIGLE ST	SINKHOLE IN ROAD	MUNICIPAL PROPERTY - MAIN LINE BROKEN	Call from resident who was advised by Major that lateral is broken and sinkhole in road - brought to the attention of RC spencer - Major construction to repair during watermain construction	DBA
521	2024-08-06	4 MONTGOMERY ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Call from resident angry as sewer surcharged in basement - went to site and cleanout was clear to main - minor belly and grease presence - JR excavating to be on site later to repair belly	DBA
522	2024-08-08	9 CHURCHILL AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Roots in line and cleanout surcharge - LSI on site and cleared to main	DBA
523	2024-08-22	197 TALBOT ST W	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Sewer surcharge and toilets not working at Toybox - all clear on municipal end - private MHs surcharged - seems to be issue with private pumps	DBA
526	2024-08-29	26 OLIVE DR	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - MAIN LINE SURCHARGED	Sewer backup into basement - PCC recorded 7 m - sanitary surcharge of main - running smooth now	DBA
527	2024-09-04	3 NELSON ST	SEWERS RUNNING SLOW	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Clear from Cleanout to main - bottom of cleanout capped - 2 connections in cleanout	DBA
528	2024-09-09	41 POPLAR ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Checked cleanout (Northside of concrete sidewalk) to main all running smooth - private issue	DBA
529	2024-09-09	41 DANFORTH AVE	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	No cleanout at PL - checked private cleanout and flow is making its way to the main but there is restrictions under the road - advised resident to install cleanout so we can investigate further	DBA
530	2024-09-10	28 DANFORTH AVE	SINKHOLE IN ROAD	MUNICIPAL PROPERTY - BROKEN LATERAL	Sinkhole in road at 28 Danforth -broken top of lateral - JR on site for repairs - replaced section of pipe in road	DBA/DN
531	2024-09-16	72 ORANGE ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Septic tank full and and not working properly, allowing sout and sand down the lateral line.	DN
532	2024-09-13	139 TALBOT ST W	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	Sewer overflowing in parking lot. LSI to clean out municipal side> grease.	DN
533	2024-08-26	20 ONTARIO ST	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	Sewer connected with 22 Ontario and went into the cleanout at 22 but was not able to clean properly. Sewer running but instructed home owner to instal cleanout at property line	DN
534	2024-09-13	139 TALBOT ST W	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED GREASE	Cleanout at property line surcharged and water comming up and spilling into parking lot. Grease was the issue.	DN
535	2024-11-18	16 GEORGIA AVE	SEWERS RUNNING SLOW	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Priority Locates and LSI eeled and rootcut the lateral line all the wat to the mainline sewer	DN
536	2024-11-19	64 LUTSCH AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	Leamington Sanitation flushed the lateal line through the cleanout at the property line. sewer has a belly under the road (greese)	DN
537	2024-09-11	435 SEACLIFF DR E	SINKHOLE	PRIVATE PROPERTY - FIELD TILE BREAK	Request from Jason Charles for repair on sinkhole that keeps popping up infront of PCC near sign - JR excavating on site for repairs - Field tile joint broken causing material to leave when it rains - section repaired	DBA
538	2024-09-11	435 SEACLIFF DR E	SINKHOLE	PRIVATE PROPERTY - FIELD TILE BREAK	Request from Jason Charles for repair on sinkhole that keeps popping up infront of PCC near sign - JR excavating on site for repairs - Field tile joint broken causing material to leave when it rains - section repaired	DBA
539	2024-09-24	41 DANFORTH AVE	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Cleanout clear to main - private issue	DBA
542	2024-10-02	53 ORANGE ST	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI on site to line lateral from Cleanout to main - clear to main	DBA
543	2024-10-02	20 MONTGOMERY ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - NO CLEANOUT	Currently flowing but roots and possible break - line needs a cleanout before municipality takes over	DBA
544	2024-10-03	71 VICTORIA AVE S	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI on site to line lateral from Cleanout to main - clear to main	DBA
545	2024-10-04	79 MARLBOROUGH ST W	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Emergency call out for sewer issues - main running smooth - lateral on Municipal side clear to main - private issue	DBA
546	2024-10-16	20 PRINCESS ST	SEWERS RUNNING SLOW	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	Hurricane on site to find laterals - laterals full of roots, broken and not capped or at PL - JP ex on site to install new line on the east side to the PL with cleanout	DBA
547	2024-10-21	16 SUMMERVILLE AVE	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - MAIN LINE BLOCKED	Big bear on site to re-route line from Summerville to Sunningdale for additional slope - tied into Sunningdale and clear to main	DBA
548	2024-11-05	29 OAK ST W	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	JP ex on site for repairs on PVT side - all replaced and still no flow - municipal side full of roots and broken thin wall pipe - JP ex to replace tomorrow to main	DBA
549	2024-11-06	29 OAK ST W	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	JP ex on site for repairs on Municipal side - municipal side full of roots and broken thin wall pipe - JP ex replaced from cleanout to main new PVC - clear to main	DBA
550	2024-11-13	67 HAZELTON ST	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI on site for root cutting as cleanout surcharged - roots found at 90 bend - cleared to main	DBA
551	2024-11-13	67 HAZELTON ST	SEWER BACKUP IN BASEMENT	MUNICIPAL PROPERTY - TREE ROOTS IN LINE.	LSI on site for root cutting as cleanout surcharged - roots found at 90 bend - cleared to main	DBA
552	2024-12-31	73 MARLBOROUGH ST E	BASEMENT FLOOR DRAIN SURCHARGED	MUNICIPAL PROPERTY - CLEANOUT SURCHARGED	JP excavating Eeled line from propety line clean out to the Mainline sewer. (ROOTS)	DN
553	2025-01-07	4 FOX ST	CLEANOUT SURCHARGED	MUNICIPAL PROPERTY - Lateral LINE BLOCKED	Found Bell cables cross bore with lateral line in boulevard. repaired and flushed.	DN
554	2024-12-10	15 PRINCESS ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Private sewer issue - clear to main	DBA
555	2024-12-19	4 MONTGOMERY ST	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Resident called because he was concerned a truck caused damage to his line- clear to main	DBA
556	2024-12-27	45 WHITWAM AVE	SEWER BACKUP IN BASEMENT	PRIVATE PROPERTY - SEWERS RUNNING NORMAL	Call from LSI sewer backup - roots coming in from cleanout - private issue - roots at 45 bend needs to be fixed	DBA

Appendix H

Sewage Works Modifications



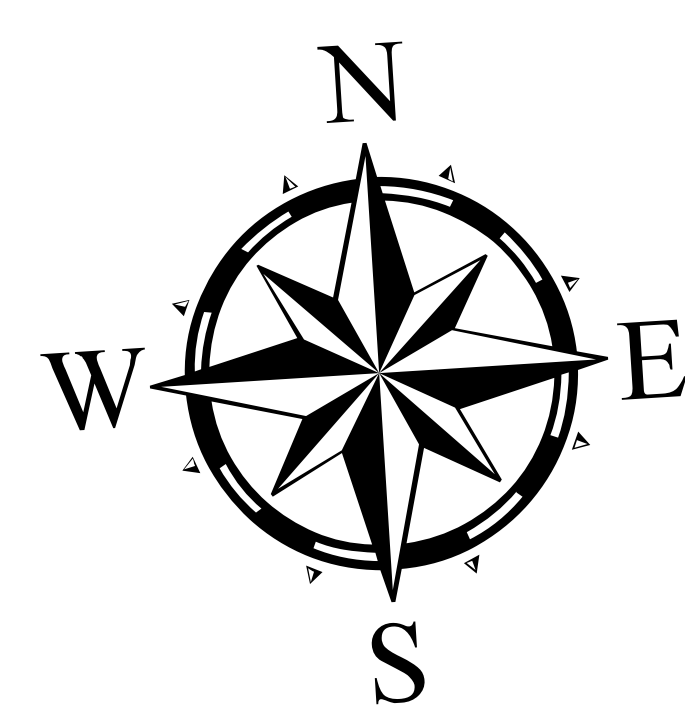


Legend

- Sanitary Sewer Pumps
- Overflows
- Combination Sewer Mains
- Sanitary Sewer Mains
- Sanitary Sewer Force mains

Catchment Areas

- ANFRED PUMP
- BEVEL LINE PUMP 1
- BEVEL LINE PUMP 2
- BEVEL LINE PUMP 3
- BEVEL LINE PUMP 4
- CHERRY LANE
- PCC DIRECT
- ERIE GLEN PUMP
- ERIE SHORES
- ERIE SOUTH PUMP
- MALIBU PUMP
- PETER
- PICKWICK
- SANDY LAKES PUMP
- SEACLIFF PARK
- SELKIRK
- WILLOUSA PUMP
- Parcels



TITLE: MUNICIPALITY OF LEAMINGTON - 2024 SEWER MAP

SCALE: 1:4,900

COPYRIGHT

This is not a legal plan of survey and the user of this map assumes all risks associated with it. All efforts have been made to ensure accuracy and completeness, however no guarantees can be made. This map is the property of the Corporation of the Municipality of Leamington and may not be reproduced without expressed permission and authorization. Provided by the: Municipality of Leamington - GIS Services 111 Erie Street North, Leamington, Ontario N8H 2Z9 TEL: (519) 326-5761 FAX: (519) 326-2481

Date: 03/17/2025



Marks filled with an asterisk (*) are mandatory.

This form can be submitted electronically by email to ECA.Submission@ontario.ca or to: Director, Part II.1 of the *Environmental Protection Act*; 135. St. Clair Ave W., Floor 1; Toronto, ON M4V 1P5

Statement of the Owner

I, the undersigned, am authorized to represent the owner of the municipal sewage collection system and hereby declare that to the best of my knowledge, the information contained herein and the information submitted in this notification is complete and accurate and that the Technical Information Contact identified in this application is authorized to act on the owner's behalf for the purpose of processing this notification.

Last Name *	First Name *	Title *
Belleau	Shannon	Manager of Environmental Services
Signature *		Date (YYYY/MM/DD) *
		2025/03/24

Municipal Sewage Collection System

This form should be used **IF** Director Notification is required by a condition of the Environmental Compliance Approval:

- Within thirty (30) calendar days of the placing into service or completion of any addition, modification, replacement or extension of the municipal sewage collection system, or
- Within ninety (90) calendar days of the discovery of existing works not documented in Schedule B of the Environmental Compliance Approval, or if changes in the description are made of existing works in Schedule B the Environmental Compliance Approval

Sewage Collection System Owner's Name (Full Legal Name): As identified in the Environmental Compliance Approval *

The Corporation of the Municipality of Leamington

Sewage Collection System Name: As identified in the Environmental Compliance Approval *

The Municipality of Leamington Sewage Collection System

Environmental Compliance Approval Number *	Environmental Compliance Approval Issue Number *
033-W601	2

Technical Information Contact

Last Name *	First Name *	Middle Initial
Belleau	Shannon	

Position/Title *

Manager of Environmental Services

Telephone Number *	Email Address *
519-326-5761 ext. 1650	sbelleau@leamington.ca

Municipal Sewage Collection System Alteration Authorization:

(Check the appropriate box that provided the authorization for the alteration and enter the required information within the same row)

- ☒ A. Pre-authorized alterations further to Schedule D of the Environmental Compliance Approval (ECA) which would require an alteration of the description of a sewage collection system described in Schedule B of the ECA.

☒ Form A1 has been completed and signed by the owner.

☐ Form SS2 has been completed and signed by the owner.

- ☐ B. A Schedule C Notice to the ECA

Schedule C Issue Number

Schedule C Issue Date (YYYY/MM/DD)

- ☐ C. An ECA issued prior to the date of issue of the first consolidated ECA respecting works which were not in service at the time of issuance of the consolidated ECA

ECA Number

ECA Issue Date (YYYY/MM/DD)

- ☐ D. Other works assumed by the owner as a result of another agreement

- ☐ E. Discovery of existing works not previously documented in Schedule B of the ECA

- ☐ F. Changes made to the description of existing works in Schedule B of the ECA

Description of Alteration: (If additional information is attached, please reference it in this section) *

Upgrades to Cherry Lane Pump Station were completed in 2023 including replacement and relocation of existing sanitary sewage pump station, including new wet well and meter chamber, replacement of forcemain and new sanitary sewers. The new station has an increased capacity of 31 L/s and the provision for a new emergency diesel generator.

The new emergency diesel generator was installed and commissioned in 2024.

Date of Placing into Service or Completion of Alteration (YYYY/MM/DD) *

2024/05/30

Print Form

RETAIN COMPLETED FORM - DO NOT SEND TO THE MINISTRY

Part 1 - Environmental Compliance Approval Number

(Insert the Environmental Compliance Approval number authorizing the alteration for equipment discharging emissions to the air)

033-W601

Part 2 - Description of alteration for equipment discharging emissions to the air (Use attachments if required)

Sanitary PS200 - Robson Road (at Cherry Lane) in the Municipality of Leamington

- replacement and relocation of existing sanitary sewage pump station including new wet well and meter chamber
- increased pumping capacity to 31 l/s - replacement of forcemain (new 150mm dia. PVC DR 18)
- 44 of 300mm dia. SAN (PVC SDR 18), 2 new SAN MH's
- provision of emergency diesel generator standby Generator Kohler Model: 50REOZK (Peak 190kVA)
tank capacity 142 gallons

The description shall include:

- 1) A brief description above of the undertaking (e.g. street name(s); subdivision name; project name); and
- 2) An attachment including a plan view drawing identifying at a minimum:
 - a) location(s) of the undertaking (e.g. showing street names, easements, discharge points, etc.); and
 - b) the location of the stack or vent discharging to the atmosphere.

Part 3 - Verification by Licensed Engineering Practitioner

I hereby verify that I am a Licensed Engineering Practitioner who is licensed to practice in the Province of Ontario and the design of the alteration for equipment discharging emissions to the air:

- 1) The alteration of equipment discharging a contaminant of concern to the atmosphere described in Part 2 of this form meets the requirements of the conditions of the ECA identified in Part 1 which authorizes the alteration;
- 2) Where required, an Emission Summary Table was prepared by a Licensed Engineering Practitioner who is licensed to practice in the Province of Ontario; and
- 3) I am authorized by the owner to complete this verification.

Name (Print)

Richard C. Spender, P.Eng.

PEO Licence Number

43851808

Signature

Date (yyyy/mm/dd)

2024/04/23

Part 4 - Verification by Owner

I hereby verify that:

- 1) The alteration of equipment discharging a contaminant of concern to the atmosphere described in Part 2 of this form meets the requirements of the conditions of the ECA identified in Part 1 of this form which authorizes the alteration;
- 2) The alterations only pertain to emergency generators or venting for odour control;
- 3) All reasonable measures will be undertaken to minimize odorous emissions and odour impacts from all potential sources at the Facility;
- 4) The noise emissions from the generator comply with the limits set out in Publication NPC-300;
- 5) The vibration emissions from the generator comply with the limits set out in Publication NPC-207;
- 6) The alterations pertain to an activity that is directly related to municipal sewage collection and transmission;
- 7) Emergency generators shall not be used for non-emergency purposes (excluding generator testing) including the generation of electricity for sale or for peak shaving purposes;
- 8) The owner consents to the alteration for equipment discharging emissions to the air; and
- 9) I am an authorized representative of the owner to complete this verification.

Name of Owner (Print)

Municipality of Leamington

Name of Owner Representative (Print)

Shannon Belleau, P.Eng.

Signature

Date (yyyy/mm/dd)

2024/04/24

Appendix I
Assessment of Conformance to Procedure F-5-5





Municipality of
Leamington
live | play | work

July 31, 2024

Ministry of the Environment, Conservation and Parks
777 Bay Street, 5th Floor
Toronto, ON
M7A 2J3

Subject: Assessment of Conformance to Procedure F-5-5

To Whom It May Concern:

This assessment has been completed to satisfy the requirements of Environmental Compliance Approval 033-W601 issued to the Municipality of Leamington for the Municipal Sewage Collection System. Schedule E, Operating Condition 8.2, requires the Municipality to assess conformance to Procedure F-5-5 for the years 2012 to current.

The Municipality of Leamington Sewage Collection System includes 78 km of separated sanitary sewers and 36 km of combined sewers that transmit wastewater to the Leamington Pollution Control Centre (LPCC).

The collection system includes seven combined sewer overflow structures that combine within the sewer network and ultimately discharge to the natural environment at two locations. The collection system also includes overflows at seven sewage pumping stations. A summary of the number of overflows that occurred each year from 2013 to 2023 is provided in Table 1. No data was available for 2012. The number of overflows was determined by summing the total number of days an overflow occurred at the point of discharge to the natural environment. Significant storm event days were not included in the annual totals.

The Municipality of Leamington Pollution Prevention Control Plan (PPCP) was completed in 2005. The plan includes a series of sewer separation projects to reduce combined sewer overflows, as well as upgrades to the LPCC. The status of each action item from the PPCP is attached to this letter. The Municipality plans to continue work on the sewer separation program as funding permits for future years.

Table 1: Collection System Overflow Summary

Year	Number of Overflows	Total Volume (m³)
2013	11	56,297
2014	13	147,505
2015	10*	35,881
2016	11	4,897
2017	5	3,134
2018	5	739
2019	2	49
2020	20	129,096
2021	32	202,829
2022	9	50,645
2023	46	187,579

*number of overflows for 2015 were estimated based on volumes

I trust you will find this letter satisfactory. If you have any questions, please feel free to contact me.

Regards



Shannon Belleau, P.Eng.
Manager of Environmental Services
Infrastructure Services

T: 519-326-5761 ext.1650
E: sbelleau@leamington.ca

Leamington Pollution Control Centre Upgrades

Phase	Project	Description	Completed
1	Administration and UV Facilities	Construct a new Administration building and UV Disinfection building. Install and commission UV disinfection system for treatment of final effluent prior to discharge to Lake Erie.	Y
2	Biosolids Upgrades	Expand sludge processing building to accommodate two new, larger capacity centrifuge units. Relocate sludge feed pumps and storage tank. Decommission odour scrubber and replace with wood chip biofilter. Expand final biosolids product storage area.	Y
3, 4, 5	Treatment Process Upgrades	Replace original treatment facility with a conventional treatment solution, including primary and secondary treatment and fine bubble aeration. Plant upgrades also included construction of a second grit tank, chemical building, new emergency diesel generator and maintenance building.	Y
6	Offline Storage Basin	Convert an earthen aeration basin to a lined storage basin to temporarily hold combined sewage flows in excess of plant peak capacity during significant wet weather events. Following the wet weather event, flow is directed back to the headworks. The offline storage basin reduces the frequency and volume of plant overflows.	Y
7	Plant Demolition	Demolition of the original treatment plant including twenty buildings/structures, below grade infrastructure, floor slabs, foundations and footings. Site earthworks, grading and landscaping.	Y

Sewer Separation Program

Step #	Area	Description	Completed	Notes
1	101(S)	Redirect Forcemain to 1500mm at Headworks	Y	
2	102 (P)	Redirect sanitary to 1500mm at Headworks	Y	
3	103(P)	Erie St N - Clark St to 140m north of Wilkinson	Y	
4	104(P)	Erie St N - 140m north of Wilkinson to 400m north of Wilkinson	Y	
5	105(P)	Block Overflow from Talbot St W to sanitary on Fader Ave	N	
6	106(P)	Talbot St W - 80m west of Armstrong to 40m east of Armstrong	Y	
		Armstrong Drive - Talbot St W to 50m south of Brown St	Y	
7	107(P)	Johnson Ave - Talbot St W to Grace Ave	Y	
8	108(P)	Westmoreland - Talbot St W to Oak St W	N	
		Lamarsh St - Westmoreland to Churchill	N	
9	109(P)	Lamarsh St - Westmoreland to Noble	N	
		Churchill Ave - Lamarsh to Oak St W	N	
10	110(P)	Churchill Ave - Lamarsh to Talbot St W	N	
11	111(P)	Marlborough St W - Erie St S to Chestnut	Y	
		Fox St - Marlborough St W to Russell	Y	
12	112(P)	Chestnut St - Marlborough St W to Russell St	Y	
13	113(P)	Fuller Ave - Talbot St W to Grace	N	
14	114(P)	Oak St E - Evans Ave to East Side Arterial Rd	Y	
15	115(S)	Forest St - Park St to Seaclyff Dr	Y	
		Conover St - Stewart Cres to Forest Ave	Y	
16	116(S)	Erie St S - Rickway Dr to Robson Rd	Y	
17	117(S)	Conover St - Erie St S to Forest Ave	Y	
		Stewart St - Conover to cul-de-sac	Y	
18	118(S)	Seaclyff Drive West - Erie St S to Sherk St	N	
19	119(S)	Sherk St - Seaclyff Dr to Ellison Ave	N	
20	120(S)	Audrey, Margaret, Jane, Claire	N	design completed, construction planned for 2025
21	121(S)	Danforth Ave - Seaclyff Dr E to 85m east of SW bend	Y	
22	122(S)	Henry Ave - Pulford to Lorne	Y	
		Melrose Ave - Henry to Sherk	Y	
23	123(S)	Henry Ave - Melrose to Gladstone	Y	
		Lorne Ave - Henry to Sherk	Y	
24	124(S)	Henry Ave - Lorne to Gladstone	Y	
		Gladstone - Henry to Sherk	Y	
25	125(S)	Melrose Ave - Erie St S to Henry	Y	
26	126(S)	Parkdale Ave - Erie St S to West End	Y	
27	127(S)	Coronation Ave - Erie St S to 210m West	Y	
28	128(P)	Morgan Ave - Erie St S to Chestnut	N	
		Shady Ave - Morgan Ave to 50m south	N	
29	129(P)	Georgia Ave - Erie St S to Shady	N	
		Lamarsh St - Churchill to Fader	N	

Sewer Separation Program

Step #	Area	Description	Completed	Notes
30	130(P)	Noble Ave - Talbot St W to Oak St W	N	
		Brown St - Noble Ave to Fader Ave	N	
31	131(P)	Lamarsh St - Noble to Fader	N	
		Fader Ave - Talbot St W to Brown	N	
32	132(P)	Brown St - Fader to Armstrong	N	
33	133(P)	Sherk St - Oak St W to 60m north of Melrose	N	
		Ellison Ave - Sherk St to 180m west	storm Y	
34	134(P)	Georgia Ave - Sherk St to Shady	N	
35	135(P)	William Ave - Sherk to Henry	Y	
36	136(P)	Queens Ave - John to Talbot St E	Y	
		John St - Erie St N to Queens	Y	
		Queens Ave - Selkirk to John	N	
37	137(P)	Albert Ave - North end to 26m south of John St	N	
		John St - Queens Ave to Albert Ave	N	
38	138(P)	Baird Ave - Selkirk to John St	N	
		John St - Elliott St to Albert St	N	
39	139(P)	John St - west end to Elliott St	N	
		Elliott St - John St to 50m south	N	
40	140(P)	Elliott St - Smith St to John St	N	
41	141(P)	Nancy Ave - East of Kimball to East End	Y	
		Grace Ave - east of Kimball to East End	Y	
42	142(P)	Nancy Ave - Fuller Ave to Kimball	N	
		Grace Ave - Fuller Ave to Kimball	N	
		Kimball Ave - Pearl Ave to Grace Ave	N	
43	143(P)	Grace Ave - Johnson to Fuller	N	
		Fuller Ave - Grace to Nancy	N	
44	144(P)	Nancy Ave - West end to Fuller	N	
		Grace Ave - west end to Johnson	N	
		Johnson Ave and Fuller - Grace to Pearl	N	
45	145(P)	Pearl Ave - Johnson to Aiuto	N	
		Johnson Ave - Nancy to Cameo	N	
		Kimball Ave - Nancy to Cameo	N	
46	146(P)	Cameo Dr - Johnson to Kimball	N	
		Kimball Ave - Pearl to Cameo	N	
47	147(P)	Princess St - Robinson to Montgomery	N	
48	148(P)	Victoria St - Robinson to Oak St E	N	
49	149(P)	Montgomery St - Erie St S to Victoria	N	
50	150(P)	Princess St - Montgomery to Oak St E	N	
51	151(P)	Ontario St - Robinson to Oak St E	N	

Sewer Separation Program

Step #	Area	Description	Completed	Notes
52	152(P)	Wigle St - Robinson to Oak St E	N	
53	153(P)	Talbot St E - Erie St E to Victoria	N	design complete, construction planned for 2029
54	154(P)	Erie St N - Talbot St to Nelson	N	design complete, construction planned for 2027
55	155(P)	Clark St W - Erie St N to Queens	N	design currently underway
56	156(P)	Queens Ave - Hazleton to Clark St W	N	
		Clark St W - 100m east of Baird to Queens	N	
		Selkirk Ave - Baird to Queens	N	
57	157(P)	Hodgins St - Smith to 360m south of Wilkinson	N	
		Smith St - Hodgins to Elliott	N	
		Elliott St - Smith St to 30m north of Clark St W	N	
		Clark St W - Elliott to 100m east of Baird	N	
		Baird Ave - Selkirk to Clark St W	N	
58	158(P)	Hodgins St - 226m north of Wilkinson to 360m south of Wilkinson	N	
		Wilkinson Dr - 595m west of Hodgins to 130m east of Hodgins	N	
59	159(P)	Elliott St - 325m north of Wilkinson D to 30m north of Clark	N	
		Wilkinson Dr - 60m west of Elliott to 70m east of Elliott	N	
60	160(P)	Wilkinson Dr - 175m west of Csorgo to 115m east of Queens	N	
		Hazelton St - Elliott to Erie St N	N	
		Queens Ave - Wilkinson to Clark St W	N	
61	161(P)	Ivan St - Erie St N to Victoria	N	
		Foundry St - Erie St N to Victoria	N	
		Victoria St - 30m north of Ivan to Clark St E	N	
62	162(P)	Clark St E - Whitney to Victoria	N	
		Howard St - Whitney to Victoria	N	
		Whitney Ave - 50m south of Foundry to Howard	N	
63	163(P)	Ivan St - Victoria to 80m east of Whitney	N	
		Foundry St - Victoria to 80m east of Whitney	N	
		Whitney Ave - Ivan St to 50m south of Foundry	N	
64	164(P)	Jones Ave - Talbot St W to Fair St	N	
65	165(P)	Fox St - Marlborough St W to Askew	Y	
66	166(P)	Erie St S - Oak St to Askew	Y	
67	167(P)	Russell St - Erie St N to West End	N	
		Fox St - Russell St to Talbot St W	N	
68	168(P)	Mill St W - Erie St S to Fox St	Y	
69	169(P)	Princess St - Marlborough St E to Mill St E	N	
		Settlington St - Princess St to Erie St S	N	
70	170(P)	Princess St - Mill St E to Talbot St E	N	
		Mill St E - Erie St S to Victoria	N	
71	171(P)	Victoria St - Settlington St to Talbot St E	N	
		Orange St - Victoria St to Princess St	N	

Sewer Separation Program

Step #	Area	Description	Completed	Notes
72	172(P)	Princess St - Robinson to Marlborough St E	N	
73	173(P)	Victoria St - Robinson to Marlborough St E	N	
74	174(P)	Marlborough St E - Wigle to Whitwam	N	
75	175(P)	Whitwam Ave - Marlborough St E to Orange St	N	
76	176(P)	Marlborough St E - Whitwam to Bowman	N	
		Bowman Ave - Marlborough St E to Mill St E	N	
		Maynard St - Whitwam Ave to Bowman	N	
77	177(P)	Bowman Ave - Mill St E to Orange	N	
		Orange St - Whitwam to 25m east of Bowman	N	
		King St - Whitwam to Bowman	N	
		Mill St E - Whitwam to Bowman	N	
78	178(P)	Connect 900mm sanitary after all areas north of Talbot are separated	N	
79	179(P)	Wigle St - Marlborough St E to Mill St E	N	
		Settlington St - Victoria to Whitwam	N	
80	180(P)	Wigle St - Settlington to Orange	N	
		Mill St E - Whitwam to Victoria	N	
81	181(P)	Wigle St - Mill St E to Fair St	N	
		Fair St - Wigle St to Jones Ave	N	
		Orange St - Victoria St to Whitwam Ave	N	
82	182(P)	Wigle St - Fair to Gerrard	N	
		Gerrard St - Wigle to West Bend	N	
83	183(P)	Longfield Lane - Oak St E to Robinson	N	
84	184(P)	Martin Dr - Robinson to 165m south of Robinson	N	
85	185(P)	Alderton St - Selkirk Drain to Danforth	N	
		Garrison Ave - North end to Alderton	N	
		Easement - Garrison Ave to Selkirk Drain	N	
86	186(P)	Alderton St - Danforth to Sherman	N	
		Danforth Ave - Alderton to Oak St E	N	
87	187(P)	Sherman St - Alderton to Maxon	N	
88	188(P)	Oak St E - Whitwam to 120m west of Wigle	N	
89	189(P)	Wigle St - Oak St E to Maxon Ave	N	
		Maxon Ave - 80m east of Wigle to 35m west of James	N	
		James St	N	
90	190(P)	Redirect storm sewer at west end of Askew	N	
91	191(P)	Remove 850mm pipe and overflow chamber at rear yard on Garrison	N	
92	192(P)	Hayward St - Danforth Ave to 50m east	N	
		Danforth Ave - Hayward to Alderton	N	
93	193(P)	Bryon St - Danforth to Warren	N	
		Warren Ave	N	
94	194(P)	Oak St E - Lutsch ave to Briarwood	Y	