



AGENDA

Joint Board of Management Meeting

Thursday, April 30, 2026

12:00 pm

Tourism Sarnia-Lambton Assembly Room

1455 Venetian Blvd. Point Edward

1. Call to Order

- a. Disclosure of Pecuniary Interest
- b. Delegations

2. Adoption of Minutes (pg. 3)

"That the LAWSS Joint Board of Management **ADOPT** the March 26, 2026, meeting minutes."

3. Consent Items

"That the LAWSS Joint Board of Management **RECEIVE** Consent Items 'a' through 'd' as information."

- a. February Financial Statements (pg. 7)
- b. March Operational Reports (pg. 15)
- c. March 2026 Flow Summary (pg. 38)
- d. Information Reports (April 30, 2026)(pg. 48)

4. Items for Discussion

- a. LAWSS Pipeline Condition Assessment Conceptual Plan- Consultant Award

(pg. 51)

"That the LAWSS Joint Board of Management **AWARD** RFP 26-05 Consulting Services for Pipeline Condition Assessment Program Plan to Aspire Consulting Group Limited for the quoted amount of \$84,180+HST.

- b. LAWSS RFQ 26-02 Phase 3 Various Panels Upgrade - Contractor Award (pg. 53)

"That the LAWSS Joint Board of Management **AWARD** RFQ 26-02 Phase 3 Various Panels Upgrade Project at the WTP to Dielco Electric Ltd. for the quoted amount of \$518,860+HST"

5. Deferred Matters/Additional Business

6. Confidential

7. Adjournment

"That the LAWSS Joint Board of Management **ADJOURN** this meeting to its next meeting to be held at noon on Thursday June 11, 2026 at the Tourism Sarnia Lambton Assembly Room, 1455 Venetian Blvd. in the Village of Point Edward."



Minutes

Joint Board of Management Meeting

Thursday, March 26, 2026

12:00 pm

Tourism Sarnia-Lambton Assembly Room

1455 Venetian Blvd. Point Edward

Thursday, January 29, 2026

Members:

Mayor Gary Atkinson, Town of Plympton-Wyoming

Councillor Terry Burrell, City of Sarnia

Mayor Jeff Agar, St. Clair Township

Mayor Todd Case, Township of Warwick

Mayor Doug Cook, Municipality of Lambton Shores

LAWSS Staff:

Clinton Harper, LAWSS General Manager

Michael Helps, LAWSS Budget Analyst / Assistant System Administrator

Technical Staff:

David Jackson, City of Sarnia

Brian Black, St. Clair Township

Paul DaSilva, Town of Plympton-Wyoming

Kyle Chisholm, Township of Warwick

Nick Verhoeven, Municipality of Lambton Shores

Jay Verstraeten, Village of Point Edward

Jodi Stradeski, OCWA

Suzanne Durling, OCWA

1. Call to Order

- a. Disclosure of Pecuniary Interest
- b. Delegations

2. Adoption of Minutes (pg. 4)

Moved by: Mayor Todd Case
 Seconded by: Mayor Doug Cook

"That the LAWSS Joint Board of Management **ADOPT** the February 25, 2026 meeting minutes."

Carried

3. Consent Items

Moved by: Mayor Jeff Agar
 Seconded by: Mayor Doug Cook

"That the LAWSS Joint Board of Management **RECEIVE** Consent Items 'a' through 'd' as information."

- a. January 2025 Financial Statements (pg. 8)
- b. February 2026 Operational Reports (pg. 16)
- c. February 2026 Flow Summary (pg. 38)
- d. Information Reports (March 26, 2026)(pg. 48)

4. Items for Discussion

- a. New Watermain Construction (London Line, from Mandaumin Rd to Plowing Match Rd.)- Construction Award (pg. 50)

Moved by: Councillor Terry Burrell
 Seconded by: Mayor Jeff Agar

"That the LAWSS Joint Board of Management **AWARD** LAWSS RFT 26-01 New Watermain Construction on London Line from Mandaumin Road to Plowing Match Road to Gillier Construction Inc. for the quoted amount of \$3,500,429.25 taxes included."

Carried

b. Rehabilitation of Pulse Creek Bridge- Update (pg. 54)

Moved by: Mayor Todd Case

Seconded by: Mayor Jeff Agar

"That the LAWSS Joint Board of Management **APPROVE** an additional \$484,819+HST for watermain construction across Pulse Creek and maintain **REQUEST** that the County of Lambton incorporate the LAWSS watermain reconstruction into its overall capital project for the replacement of the Pulse Creek Bridge. Total Project cost is quoted at \$787,594 +HST."

Carried

c. LAWSS Asset Management Plan- Consultant Award (pg. 57)

Moved by: Mayor Doug Cook

Seconded by: Mayor Jeff Agar

"That the LAWSS Joint Board of Management **AWARD** the 2026 LAWSS Asset Management Plan Update project to Aspire Consulting Group Limited for the quoted amount of \$74,790+HST."

Carried

d. WTP Low Lift Pump #3 Project- Rehabilitation Award (pg. 59)

Moved by: Mayor Todd Case

Seconded by: Mayor Doug Cook

"That the LAWSS Joint Board of Management **AWARD** Project 26-06 Low Lift Pump Rehabilitation Project to John Brooks Company for the quoted amount of \$97,935+HST."

Carried

5. Deferred Matters/Additional Business

6. Confidential

Moved by: Mayor Jeff Agar

Seconded by: Mayor Todd Case

"That the LAWSS Joint Board of Management **ADJOURN** to in-camera session;

Carried

- a. to review the LAWSS Joint Board of Management (Closed Session) minutes dated January 29, 2026, pursuant to s. 239(2)9f) of the Municipal Act, 2001, and
- b. to receive advice that is subject to solicitor-client privilege, including communications necessary for the purpose, pursuant to s. 239(2)(f) of the Municipal Act, 2001."

7. Rise and Report Motions of the In-Camera Session

Moved by: Mayor Todd Case

Seconded by: Councillor Terry Burrell

Carried

- a. to review and approve the LAWSS Joint Board of Management (Closed Session) minutes dated November 27, 2025, pursuant to s. 239(2)(f) of the Municipal Act. 2001
- b. to receive a report, provide instructions, and authorize \$191,666.64 including HST in payments relating to information subject to solicitor-client privilege including communication necessary for the purpose, pursuant to s. 239(2)(f) of the Municipal Act.

8. Adjournment

Moved by: Mayor Jeff Agar

Seconded by: Mayor Doug Cook

"That the LAWSS Joint Board of Management **ADJOURN** this meeting to its next meeting to be held at noon on Thursday April 30, 2026, at the Tourism Sarnia Lambton Assembly Room, 1455 Venetian Blvd. in the Village of Point Edward."

Carried

Report No.: 2026-04-00
Report Page: Page 1 of 3
Meeting Date: April,30, 2026
File No.:



To: Chair and Members
Lambton Area Water Supply System Joint Board of Management

From: Michael Helps
Budget Analyst/ Assistant System Administrator

Subject: Financial Report Update- April 30, 2026

Recommendation

This report is to be received as information; the report will detail the financial progress to February 2026 Year to date.

Background:

The 2026 LAWSS Operating and Capital Budget was approved by the Joint Board of Management in September 2025. The total operating budget was \$6.7 million (\$5.4 million for OCWA and \$1.3 million for LAWSS) and the total capital budget is \$7.5 million.

All information is available in detail in the February Financial Binders.

Comments:

Revenues: All Members have been invoiced and paid up to date for up to the end of February.

Interest Income is currently higher than budgeted; this is due to the higher-than-expected bank balance and the higher interest rates. We have received \$133,544.05 in interest revenue, LAWSS’ annual budget is \$86,000. All additional revenues will be transferred to the Reserve at the end of the year, to help with future project costing.

Expenditures: Overall LAWSS is currently under budget, with most of this coming from Capital Projects. LAWSS currently has utilized 5% of the budget. The Expenditures are broken up into 3 main categories:

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LAWSS Capital Projects:

2026 Capital projects are currently at 1% of the annual budget. Project Status: There are 8 projects budgeted for 2026. There has been a total of \$17,103 spent so far on 2026 projects. 5 of the 8 projects have been awarded and are in the beginning stages: 26-01 New watermain construction, 26-03 Asset Management Plan and 26-06 Low Lift #3 Rehabilitation. 2 projects are currently being recommended for approval at the April meeting are: 26-02 Phase 3 Construction and 26-05 Pipeline Assessment Program. The remaining projects Request for Proposals are currently under development.

Capital projects before 2026; have spent \$172,893 for 9 projects (Main plant Various Panels, SCADA Phase 3, WLPS Engineering and Reservoir Repair, and Generator Switchgear, Electrical Condition Assessment of WTP, Phase 3 Engineering, LAWSS Master Panel, Engineering for ELPS Watermain, and Various Panels Construction). Projects carrying forward from previous years are all in progress, Master Plan & Engineering for ELPS and Various Panels construction are all almost complete. All Projects will utilize their assigned budgets.

Distributions Repairs are currently at 3% of the Annual Budget. \$6,479 has been spent.

Major Maintenance and Service Agreements:

OCWA has a total of 31 planned projects for 2026, as of February 2026, The project status: Currently 5 projects are completed, 6 projects have been approved by LAWSS Staff and are in progress, and remaining 20 projects in progress by OCWA staff.

Major Maintenance are currently at 0% of the total annual budget. A total of \$0 has been spent, LAWSS receives invoices from OCWA on a quarterly basis and will receive their first invoice in April for Jan-March.

Operations:

Operations are currently at 22% of the annual budget and are on pace to utilize the full annual budget. A total of \$1.66 Million has been spent, the majority of this is for OCWA’s contract (\$900K).

Highlights of General and Administration Accounts that are over/under budget:
 -OCWA Operations & Maintenance and LAWSS Wages & Benefits are on budget.
 A total of \$553K has been spent, the majority of this is Wages and Benefits (\$54K), Legal Fees (\$428K), Property Tax (\$67K), and the remaining is spread over various

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Administration Accounts (Education, Office Supplies, etc.)

Annually there is a \$30,000 Facility Maintenance budget for projects around the LAWSS Facility. This is currently under budget, \$0 has been spent, this is 0% of the annual budget.

Consultation:

Not applicable.

Financial Implications:

Not applicable

This report was prepared by Michael Helps - Budget Analyst/Assistant System Administrator

Attachment(s):
February 2025 Financial Report Binder

		February Actual	YTD - ACTUAL	YTD - Budget	Annual Budget	Variance	Percent of Budget Used
Municipality Revenue							
4050	Municipality Revenue		0.00	-2,332,292.50	-13,993,755.00	2,332,292.50	0%
	Sarnia	-681,029.42	-1,362,058.83	-1,362,058.83	-8,172,353.00	0.00	17%
	St. Clair Township	-344,596.17	-689,192.33	-689,192.33	-4,135,154.00	0.00	17%
	Plympton-Wyoming	-67,286.67	-134,573.33	-134,573.33	-807,440.00	0.00	17%
	Lambton Shores	-26,704.75	-53,409.50	-53,409.50	-320,457.00	0.00	17%
	Warwick	-25,771.83	-51,543.67	-51,543.67	-309,262.00	0.00	17%
	Point Edward	-20,757.42	-41,514.83	-41,514.83	-249,089.00	0.00	17%
			0.00				
4120	Brooke-Alvinston Revenue		0.00	0.00	-120,000.00	0.00	0%
	Total Municipalities Revenue		-2,332,292.50	-2,332,292.50	-14,113,755.00	0.00	17%
Other Revenue							
4130	Emergency Water Taking		0.00	0.00	0.00	0.00	0%
4150	LAWSS Other Revenue		0.00	0.00	0.00	0.00	0%
	Canada Coast Guard		0.00	0.00	-7,000.00	0.00	0%
	County of Lambton		0.00	0.00	-7,000.00	0.00	0%
4430	Misc. Revenue		0.00	0.00	0.00	0.00	0%
	Total Other Revenue		0.00	0.00	-14,000.00	0.00	0%
Investment Interest							
4420	Interest Earned	-67,224.66	-133,544.05	-14,333.33	-86,000.00	-119,210.72	155%
Project Expenses							
	Total Revenue	-67,224.66	-2,465,836.55	-2,346,625.83	-14,213,755.00	-119,210.72	17%
5100	Project Expenses	161,244.29	196,475.95	4,250,083.50	25,500,501.00	-2,770,175.41	1%
	26-01 New Watermain Construction - Mandaumin Rd		0.00	864,666.67	5,188,000.00	-864,666.67	0%
	26-02 - Phase 3 - Construction		0.00	82,314.83	493,889.00	-82,314.83	0%
	26-03 Asset Management Plan		0.00	25,000.00	150,000.00	-25,000.00	0%
	26-04 Financial Plan Update		0.00	20,833.33	125,000.00	-20,833.33	0%
	26-05 Pipeline Assessment Program		0.00	83,333.33	500,000.00	-83,333.33	0%
	26-06 Low Lift #3 Refurbishment		0.00	20,000.00	120,000.00	-20,000.00	0%
	26-07 Security Audit		0.00	25,000.00	150,000.00	-25,000.00	0%
	Engineering Studies						
	26-08 - Engineering Studies - Misc	16,281.60	17,103.39	25,000.00	150,000.00	-7,896.61	11%
			0.00	0.00			
	Tasks carried over from 2025						
	23-01 WLPS South Reserior Rehab and Pump Upgrades - Eng.		0.00	316,666.67	1,900,000.00	-316,666.67	0%
	23-03 SCADA 13 - SOGR Main Plant Various Panel Upgrades	20,246.62	20,246.62	48,500.00	291,000.00	-28,253.38	7%
	23-05 SCADA Improvements Gen and 5kV SWGR		0.00	25,000.00	150,000.00	-25,000.00	0%
	24-01 WLPS Reservoir Rehab & Pumping Modifications		0.00	2,095,587.00	12,573,522.00	-2,095,587.00	0%

	February Actual	YTD - ACTUAL	YTD - Budget	Annual Budget	Variance	Percent of Budget Used
24-03 WTP Detailed Electrical Condition Assessment	6,579.44	13,361.74	16,666.67	100,000.00	-3,304.93	13%
24-06 SCADA 18 - Phase 3	27,594.65	27,594.65	88,948.33	533,690.00	-61,353.68	5%
25-01 LAWSS Master Plan		0.00	58,333.33	350,000.00	-58,333.33	0%
25-02 Engineering - Fill Constraints for ELPS		21,148.27	141,666.67	850,000.00	-120,518.40	2%
25-03 SCADA Various Panels Construction	90,541.98	90,541.98	57,500.00	345,000.00	33,041.98	26%
5100 Service Agreements		6,479.30	241,233.33	1,447,400.00	-80,366.67	0%
MM 26 01 Service agreement: Main plant HVAC system annual mtc		0.00	2,916.67	17,500.00	-2,916.67	0%
MM 26 02 Service agreement: WTP ROV inspection clearwell, HL WW, Res		0.00	1,666.67	10,000.00	-1,666.67	0%
MM 26 03 Service agreement: WTP 3rd party electrical inspection, inc IR scan VFD inspection and		0.00	6,666.67	40,000.00	-6,666.67	0%
MM 26 04 Service agreement: Water treatment plant-generator UPS service		0.00	1,250.00	7,500.00	-1,250.00	0%
MM 26 27 Service agreement: ROV inspection ELPS reservoirs		0.00	1,333.33	8,000.00	-1,333.33	0%
Service Agreement - Computer and Software Licensing		0.00	10,000.00	60,000.00	-10,000.00	0%
5150 Distribution Repairs		6,479.30	33,333.33	200,000.00	-26,854.03	3%
5175 Facility Maintenance		0.00	5,000.00	30,000.00	-5,000.00	0%
5125 Major Maintenance		0.00	89,533.33	537,200.00	-77,033.33	0%
MM 26 05 WTP VFD floc mixers-1 per year		0.00	3,000.00	18,000.00	-3,000.00	0%
MM 26 06 New SCADA monitoring, thin clients and monitors		0.00	2,166.67	13,000.00	-2,166.67	0%
MM 26 07 Versa modems (8 in total)		0.00	4,000.00	24,000.00	-4,000.00	0%
MM 26 08 RMS: Recirculation pump		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 09 WTP Sluice gate actuators 1 per year		0.00	3,000.00	18,000.00	-3,000.00	0%
MM 26 10 RMS: Sand auger tubing		0.00	2,500.00	15,000.00	-2,500.00	0%
MM 26 11 WTP: Backwash valve refurbish (Station 7 area)		0.00	5,000.00	30,000.00	-5,000.00	0%
MM 26 12 WTP Filter gallery breaker boxes		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 13 WTP: Floc 2 gear box		0.00	5,000.00	30,000.00	-5,000.00	0%
MM 26 14 WTP: Generator batteries		0.00	1,333.33	8,000.00	-1,333.33	0%
MM 26 15 WTP: HFS site glass repair		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 16 WTP: Surge anticipator (valve 38) refurbish		0.00	2,916.67	17,500.00	-2,916.67	0%
MM 26 17 WTP: Turbidity meter transmitters (4 in total)		0.00	1,666.67	10,000.00	-1,666.67	0%
MM 26 18 WTP: HL 6 motor refurbish		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 19 WTP: HVAC system programming and computer upgrades		0.00	2,000.00	12,000.00	-2,000.00	0%
MM 26 20 WTP: Vibration monitoring by third party		0.00	1,250.00	7,500.00	-1,250.00	0%
MM 26 21 WTP: Flow meter on sewage pumps		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 22 WTP: LL cleanout		0.00	8,333.33	50,000.00	-8,333.33	0%
MM 26 23 WTP: UPS generator switchgear battery replacement		0.00	2,500.00	15,000.00	-2,500.00	0%
MM 26 24 WLPS: Generator room louvres		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 25 ELPS: UPS system replacement		0.00	3,333.33	20,000.00	-3,333.33	0%
MM 26 26 ELPS: Forest pump 3 refurbish		0.00	5,000.00	30,000.00	-5,000.00	0%
MM 26 28 Dist: wireless pressure gages for hydrants		0.00	366.67	2,200.00	-366.67	0%
MM 26 29 Dist: Port Lambton tower gate replacement		0.00	833.33	5,000.00	-833.33	0%
MM 26 30 Annual energy efficiency project		0.00	1,666.67	10,000.00	-1,666.67	0%



		February Actual	YTD - ACTUAL	YTD - Budget	Annual Budget	Variance	Percent of Budget Used
General & Administrative Expenses							
5200	OCWA Operating & Maintenance	450,305.50	900,611.00	900,611.00	5,403,666.00	0.00	17%
5300	Flow Reconciliations		0.00	16,666.67	100,000.00	-16,666.67	0%
5400	LAWSS Wages & Benefits	26,893.94	53,667.87	60,833.33	365,000.00	-7,165.46	15%
5450	WSIB		0.00	458.33	2,750.00	-458.33	0%
5500	Audit Fees		0.00	4,382.50	26,295.00	-4,382.50	0%
5510	Accounting & Legal	428,360.65	428,360.65	10,327.99	61,967.93	418,032.66	691%
5522	Education / Conference	0.00	864.96	3,833.33	23,000.00	-2,968.37	4%
5545	Property Taxes	66,796.84	67,022.60	54,075.00	324,450.00	12,947.60	21%
5550	Property Administration	524.81	1,029.39	4,940.08	29,640.45	-3,910.69	3%
5555	Insurance		0.00	9,709.24	58,255.41	-9,709.24	0%
5560	Interest & Bank Charges		0.00	16.67	100.00	-16.67	0%
5565	Office Supplies	76.32	871.79	1,853.33	11,120.00	-981.54	8%
5575	Travel (Includes Mileage)		0.00	250.00	1,500.00	-250.00	0%
5580	Telephone/Internet		408.68	2,892.58	17,355.45	-2,483.90	2%
5590	Meals & Entertainment	376.02	1,290.00	1,050.00	6,300.00	240.00	20%
5610	St.Clair Conservation Consult		0.00	12,877.63	77,265.76	-12,877.63	0%
Total Expenses		1,134,578.37	1,657,082.19	5,462,727.83	32,776,367.00	-2,504,713.50	5%

Capital Project	Awarded	Budget Approved	Additional Budget Inc.	Total	Consultant/Contractor	Spent	Unspent	Status
26-01 New Watermain CONstruction - Mandaumin Rd		\$ 5,188,000.00		\$ 5,188,000.00			\$5,188,000.00	In Progress
26-02 - Phase 3 - Construction		\$ 493,889.00		\$ 493,889.00	Out for Tender		\$493,889.00	In Progress
26-03 Asset Management Plan		\$ 150,000.00		\$ 150,000.00	Aspire Consulting		\$150,000.00	In Progress
26-04 Financial Plan Update		\$ 125,000.00		\$ 125,000.00			\$125,000.00	Not Started
26-05 Pipeline Assessment Program		\$ 500,000.00		\$ 500,000.00	Out for Tender		\$500,000.00	In Progress
26-06 Low Lift #3 Refurbishment		\$ 120,000.00		\$ 120,000.00	John Brooks		\$120,000.00	In Progress
26-07 Security Audit		\$ 150,000.00		\$ 150,000.00			\$150,000.00	Not Started
26-08 - Engineering Studies - Misc		\$ 150,000.00		\$ 150,000.00		\$17,103.39	\$132,896.61	Not Started
Projects Carry forward								
23-01 WLPS South Reserior Rehab and Pump Upgrades - Eng.	\$ 1,755,589.98	\$ 1,900,000.00		\$ 1,900,000.00	CIMA+	\$769,520.23	\$1,130,479.77	In Progress
23-02 Diesel Fuel Tank Replacement & Generator Plenum, Upgrades	\$ 152,512.80	\$ 880,000.00		\$ 880,000.00	Comco Canada Ltd.	\$170,468.20	\$709,531.80	In Progress
23-03 SCADA 13 - SOGR Main Plant Various Panel Upgrades	\$ 260,043.65	\$ 291,000.00		\$ 291,000.00	Eramosa Engineering	\$191,627.08	\$99,372.92	In Progress
23-05 SCADA Improvements Gen and 5kV SWGR	\$ 165,414.95	\$ 150,000.00		\$ 150,000.00	ABB Inc.	\$203,924.88	-\$53,924.88	In Progress
24-01 WLPS Reservoir Rehab & Pumping Modifications	\$ 12,573,521.57	\$ 16,416,000.00		\$ 16,416,000.00	Dayson	\$5,408,714.97	\$11,007,285.03	In Progress
24-02 WTP Traveling Screens Replacement	\$ 894,327.94	\$ 1,250,000.00		\$ 1,250,000.00	BGL Contractors	\$914,482.22	\$335,517.78	In Progress
24-03 WTP Detailed Electrical Condition Assessment	\$ 102,782.69	\$ 100,000.00		\$ 100,000.00	Mellon	\$13,361.74	\$86,638.26	In Progress
24-06 SCADA 18 - Phase 3	\$ 533,690.28	\$ 333,000.00	\$ 200,690.28	\$ 533,690.28	Eramosa	\$110,764.10	\$422,926.18	In Progress
25-01 LAWSS Master Plan	\$ 176,736.77	\$ 350,000.00		\$ 350,000.00	CIMA+	\$94,114.28	\$255,885.72	In Progress
25-02 Engineering - Fill Constraints for ELPSA		\$ 85,000.00		\$ 85,000.00	MTE Consultants	\$147,042.81	-\$62,042.81	In Progress
25-03 SCADA Various Panels Construction		\$ 345,000.00		\$ 345,000.00	Eramosa Engineering	\$453,876.37	-\$108,876.37	In Progress
ES25-01 Engineering Studies - Misc		\$ 136,914.00		\$ 136,914.00		\$47,549.60	\$89,364.40	Not Started
Service Agreements								
MM 26 01-Service agreement: Main plant HVAC system annual mtc		\$ 17,500.00		\$ 17,500.00			\$17,500.00	In Progress
MM 26 02-Service agreement: WTP ROV inspection clearwell, HL WW, Res		\$ 10,000.00		\$ 10,000.00			\$10,000.00	Not Started
MM 26 03-Service agreement: WTP 3rd party electrical inspection, inc IR scan VFD inspection and Fur...		\$ 40,000.00		\$ 40,000.00			\$40,000.00	Not Started
MM 26 04-Service agreement: Water treatment plant-generator UPS service		\$ 7,500.00		\$ 7,500.00			\$7,500.00	Complete
MM 26 27-Service agreement: ROV inspection ELPS reservoirs		\$8,000.00		\$ 8,000.00			\$8,000.00	Not Started
Service Agreement - Computer and Software Licensing		\$ 60,000.00		\$ 60,000.00			\$60,000.00	Not Started
Major Maintenance								
MM 26 05-WTP VFD floc mixers-1 per year		\$ 18,000.00		\$ 18,000.00			\$18,000.00	In Progress
MM 26 06-New SCADA monitoring, thin clients and monitors		\$ 13,000.00		\$ 13,000.00			\$13,000.00	in Progress
MM 26 07-Versa modems (8 in total)		\$ 24,000.00		\$ 24,000.00			\$24,000.00	Not Started
MM 26 08-RMS: Recirculation pump		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Not Started
MM 26 09-WTP Sluice gate actuators 1 per year		\$ 18,000.00		\$ 18,000.00			\$18,000.00	Not Started
MM 26 10-RMS: Sand auger tubing		\$ 15,000.00		\$ 15,000.00			\$15,000.00	Not Started
MM 26 11-WTP: Backwash valve refurbish (Station 7 area)		\$ 30,000.00		\$ 30,000.00			\$30,000.00	Not Started
MM 26 12-WTP Filter gallery breaker boxes		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Not Started
MM 26 13-WTP: Floc 2 gear box		\$ 30,000.00		\$ 30,000.00			\$30,000.00	In Progress
MM 26 14-WTP: Generator batteries		\$ 8,000.00		\$ 8,000.00			\$8,000.00	Not Started
MM 26 15-WTP: HFS site glass repair		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Not Started
MM 26 16-WTP: Surge anticipator (valve 38) refurbish		\$ 17,500.00		\$ 17,500.00			\$17,500.00	Not Started
MM 26 17-WTP: Turbidity meter transmitters (4 in total)		\$ 10,000.00		\$ 10,000.00			\$10,000.00	In Progress
MM 26 18-WTP: HL 6 motor refurbish		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Complete
MM 26 19-WTP: HVAC system programming and computer upgrades		\$ 12,000.00		\$ 12,000.00			\$12,000.00	Not Started
MM 26 20-WTP: Vibration monitoring by third party		\$ 7,500.00		\$ 7,500.00			\$7,500.00	Complete
MM 26 21-WTP: Flow meter on sewage pumps		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Not Started
MM 26 22-WTP: LL cleanout		\$ 50,000.00		\$ 50,000.00			\$50,000.00	Not Started
MM 26 23-WTP: UPS generator switchgear battery replacement		\$ 15,000.00		\$ 15,000.00			\$15,000.00	Complete
MM 26 24-WLPS: Generator room louvres		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Not Started
MM 26 25-ELPS: UPS system replacement		\$ 20,000.00		\$ 20,000.00			\$20,000.00	Not Started
MM 26 26-ELPS: Forest pump 3 refurbish		\$ 30,000.00		\$ 30,000.00			\$30,000.00	In Progress
MM 26 28-Dist: wireless pressure gages for hydrants		\$ 2,200.00		\$ 2,200.00			\$2,200.00	Not Started
MM 26 29-Dist: Port Lambton tower gate replacement		\$ 5,000.00		\$ 5,000.00			\$5,000.00	Complete
MM 26 30-Annual energy efficiency project		\$ 10,000.00		\$ 10,000.00			\$10,000.00	Not Started

**Lambton Area Water Supply System
Cash Balance Sheet as at February 28,2026**

LAWSS Bank Account on February 1,2026	<u>26,119,055.92</u>
LAWSS Accounts Receivable - Received	<u>1,368,513.63</u>
	<u>27,487,569.55</u>
LAWSS Accounts Payable - Paid	136,241.27
LAWSS Accounts Payable - Outstanding	<u>65,058.43</u>
	<u>201,299.70</u>
LAWSS Bank Account on February 28, 2026	<u>27,351,328.28</u>
Adjusted Bank Balance on February 28, 2026	<u>27,286,269.85</u>



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

2026 Client Monthly Operations Report

Lambton Area Water Supply System

March 31, 2026

Facility Description

Facility Name:	Lambton Area Water Supply System
Facility Type:	Municipal
Classification:	Class 4 Water Treatment Class 4 Water Distribution
Title Holder:	Municipality
Operation Status:	OCWA
Sr. Operations Manager:	Jodi Stradeski (519) 344-7429 Ext. 251
Business Development Manager:	Susan Budden
Capacity (m3/d):	181844
Service Area:	City of Sarnia, Village of Point Edward, Township of St. Clair, Township of Warwick-Watford, Municipality of Lambton Shores, Town of Plympton-Wyoming
Service Population:	105,426
In service Date:	1975

Operational Description

The Lambton WTP is a direct filtration surface water facility consisting of chemically assisted filtration with disinfection. The facility consists of an intake system (and alternate intake), a low lift pump station, a treatment system and distribution pumping system situated in the City of Sarnia. Water is drawn into the plant (a zebra mussel system is available as needed) and screened at the surge wells (pre-disinfection is utilized). Water flows to the pump wells where a total of 4 vertical turbine pumps are located and used as needed which pump to a discharge header. Coagulant is added, flashed mixed (PAC is also applied at this location when needed) the raw water is then flocculated (Polymer is added at the flocculation trains as needed) and diverted to filtration (10 dual media filters). The gravity fed filter effluents combine into two clear wells where sodium hypochlorite is injected. To maximize the contact time the water is diverted to the two baffled reservoirs (in series). Six vertical turbine pumps are available for supplying the distribution demand as needed. The entire water treatment system is continuously monitored (via SCADA) with continuous on-line analyzers equipped throughout the processes. The utility serves a large part of Lambton County and has over 250 kilometers of pipeline of various sizes and materials. There is also the East Lambton Booster Station (ELBS) with 9,000 cubic meters of storage capacity which is remotely monitored and controlled from the Lambton WTP via SCADA. During the 1997 calendar year the West Lambton Pumping Station (WLPS), with the largest above ground water storage in the province with a capacity of 90,000m³, was brought on-line. This pumping station is also remotely monitored and controlled from Lambton WTP via SCADA. The LAWSS distribution system has 5 towers/elevated tanks that the utility monitors via SCADA. In 2007 the Residual Management System (RMS) which treats backwash effluent was brought on-line.

Treatment Process

Pre-treatment Chemicals:	Prechlorination (sodium hypochlorite); Zebra mussel control
Coagulation/Flocculation:	Aluminum Sulphate (Clar+Ion A7)
Filtration:	Dual Media; Filter Aid polymer
Disinfection Method:	Sodium hypochlorite
Post Treatment Chemical Addition:	Fluoride
Waste Residue Management:	Filter backwash effluent is treated by an Actiflo system.
Waste effluent/residue Disposal:	Sludge is hauled to Sarnia WPCP on a needed basis.

Inspections

March:

On March 24-25th the LAWSS on-site reaccreditation audit was conducted by Intertek SAI Global.

Maintenance, Operations & Distribution Works Summary 2026

Maintenance

March:

Date	(P)reventative Capital Major Mtc (C)orrective Energy Mgmt (EM)	Description
Mar 2	P	Monthly test of WTP polymer system.
Mar 2	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 2	C	1" backflow device replaced in chemical room by Black & McDonald.
Mar 3	Capital	Various panels phase 2 meeting with CIMA+ and Dielco regarding transfers between primary and secondary PLCs.
Mar 3	P	Monthly inspection of floc gear drives.
Mar 4	C	Flushed out Actiflo #1 recirculation pump pressure sensor line.
Mar 4	C	Selected "abort backwash" command on filter #3 to clear fault.
Mar 4	Capital	Drone footage taken of WLPS south cell by CIMA+.
Mar 4	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 4	P	Monthly maintenance on fluoride analyzer.

Mar 4	P	Monthly maintenance on streaming current analyzers.
Mar 5	Capital	Low lift/screens room sluice gates moved over to new PLC with CIMA+ and Dielco.
Mar 5	Capital	LAWSS master plan meeting with CIMA+.
Mar 6	Capital	LAWSS electrical master plan meeting with Mellon Inc.
Mar 6	Capital	Pulse Creek bridge project meeting with LAWSS GM.
Mar 9	Capital	CIMA+ and Dielco switching station #1 to new PLC.
Mar 9	P	Monthly inspection of WTP compressors.
Mar 9	P	Monthly exercising of high lift pump #1 shaft.
Mar 9	P	Monthly inspection of WTP and RMS eyewash stations and emergency shower.
Mar 10	P	Monthly inspection of floc gear drives.
Mar 10	P	Annual inspection of ELBS hypochlorite bulk tank.
Mar 10	P	Annual maintenance on screens room sluice gate SG-03.
Mar 10	P	Annual maintenance on screens room inlet sluice gate.
Mar 10	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 10	C	Filter #3 waste valve actuator repaired.
Mar 11	P	Annual maintenance on screens room sluice gate SG-04.
Mar 11	C	Contained and cleaned up small Clarion A7 spill.
Mar 11	P	Monthly inspection of travelling screens.
Mar 11-13	Capital	WTP polymer system PLC integration with CIMA+ and Dielco.
Mar 13	P	Annual PRV inspection at Wyoming chamber.
Mar 16	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 16	P	Annual east and west hypochlorite bulk tank inspections.
Mar 18	C	Window seals in WTP admin area repaired.
Mar 18	C	Unclogged sand auger discharge hose to Actiflo #2.
Mar 18	P	Annual inspection of RMS gear drives.
Mar 18	C	WTP polymer batch system auto operation restored
Mar 18	P	Monthly test of WTP polymer system.
Mar 18	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 19	Capital	CIMA+ and Dielco switching post CI skid, alum and hypo tank LITs to new PLC.
Mar 20	P	Monthly vibration analysis at WLPS.
Mar 20	P	Monthly vibration analysis at ELBS.
Mar 20	P	Monthly inspection of vacuum priming system at ELBS.
Mar 20	Capital	CIMA+ and Dielco switching low lift pump #2 to new PLC.
Mar 21	Capital	CIMA+ and Dielco switching PAC system to new PLC.
Mar 23	Capital	CIMA+ and Dielco switching low lift pump #3, alum pump #3 and pre-CI pumps to new PLC.
Mar 23	C	TSSA returned WTP freight elevator back to service.
Mar 23	P	Monthly maintenance on RMS turbidity analyzers.
Mar 23	P	Monthly maintenance on benchtop turbidity analyzers.
Mar 23	P	Monthly maintenance on free chlorine analyzers at ELBS.
Mar 23	P	Monthly maintenance on free chlorine analyzers at WLPS.

Mar 23	P	Monthly maintenance on Hach portable colorimeters.
Mar 23	Capital	Various panels phase 3 project tendering meeting.
Mar 24	C	Paint touch-ups on Actiflos #1 and #2.
Mar 24	P	Monthly maintenance on station #2 pH analyzer.
Mar 24	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 25	Capital	CIMA+ and Dielco switching alum pumps to new PLC.
Mar 25	P	Annual flushing of filter effluent and surface wash flow meters.
Mar 25, 26	P	Monthly maintenance on WTP turbidity analyzers.
Mar 26	C	Reset close limit on filter #10 effluent valve actuator.
Mar 26	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 26	P	Monthly vibration analysis at WTP.
Mar 26	C	OCWA remote access panel upgraded by OCWA IT.
Mar 27, 30, 31	P	Monthly maintenance on WTP pH/free chlorine analyzers.
Mar 28	C	WLPS front door closed and tested latch.
Mar 29	C	East travelling screens water line isolated.
Mar 30	C	WTP continuous monitoring restored by CIMA+ and Dielco.
Mar 30	Capital	East low lift pump header I/Os tested with CIMA+/Dielco for PLC integration work.
Mar 30	P	Quarterly cleaning of hypochlorite dosing system strainers.
Mar 31	Capital	WTP PLC integration work with CIMA+ and Dielco.
Mar 31	C	LAWSS hydrant #73 isolated to stop leak on St. Clair Pkwy.
Mar 31	Capital	LAWSS electrical master plan meeting with Mellon Inc.
Mar 31	P	Monthly test of WTP generators.
Mar 31	P	Quarterly load test of WTP generators.
Mar 31	P	Monthly elevator inspection complete.
Mar 31	P	Monthly WTP panel alarm/dialer test.

Operations and Compliance

March:

Mar 1	Ongoing trial testing of alternate polymers in RMS.
Mar 2	Monthly test for total chlorine in EQ tank, plant drain and Actiflo units.
Mar 2	Ran pump #1 at WLPS.
Mar 2	Planned WTP shutdown for capital project work.
Mar 2	Filter #3 waste valve failed to open after backwash.
Mar 3	Actiflo #1 recirculation pump failed.
Mar 3	Ran pump #1 at WLPS.
Mar 3, 6, 7	Ongoing intermittent failure alarms with filter #3 waste valve.
Mar 4	Auto backwash command on filter #3 not registering.
Mar 4	Unsuccessful isolation of kiosk service water line for backflow device maintenance.

Mar 4	Backwashed filter to troubleshoot Actiflo #1 recirculation pump issue.
Mar 4	Quarterly Joint Health and Safety Committee meeting.
Mar 4-5	Neutralized HFS pumped from HFS containment into storage tote.
Mar 5	High filter #9 effluent turbidity (>0.5 NTU) – restored immediately.
Mar 5	High filter #9 effluent turbidity (>0.5 NTU) – restored immediately.
Mar 5	High filter #7 effluent turbidity (>0.5 NTU) – restored immediately.
Mar 5	DWQMS training at quarterly staff meeting.
Mar 5	Annual Harmful Algal Bloom monitoring training.
Mar 6	Test flight of new LAWSS drone at WLPS.
Mar 6	MCC contactor fail when starting low lift pump #3 – started pump after resetting.
Mar 6	High filter #6 effluent turbidity (>0.5 NTU) – restored immediately.
Mar 6	Reservoir inlet pH reading inaccurate, verified proper reading with lab probe.
Mar 6	MCC contactor fail when starting low lift pump #3 – started pump after resetting.
Mar 7	Ran pump #1 at WLPS.
Mar 9	Ran pump #1 at WLPS.
Mar 10	Installed plumbing to divert leak from backwash line Victaulic coupling.
Mar 11	Small quantity of Clarion A7 spilled during bulk delivery.
Mar 11-13	Troubleshooting WTP polymer batch system auto operational issues.
Mar 14	Ran pump #1 at WLPS.
Mar 15	Ran pump #1 at WLPS.
Mar 16	Planned WTP shutdown for capital project work.
Mar 16	Sodium bisulfite pump #1 general fault – primed and restarted pump.
Mar 16	Jacobs opening Ravenswood interconnect to LAWSS for approx. 3 hours.
Mar 17	Sodium bisulfite pump #1 general fault – unable to reset.
Mar 17	Sand auger not starting.
Mar 18	Backwashed filter to troubleshoot sodium bisulfite pump #1 issue.
Mar 18	MCC contactor fail when starting low lift pump #3 – started pump after resetting twice.
Mar 19	Planned WTP shutdown for capital project work.
Mar 20	Ran pump #5 at WLPS.
Mar 20	Ran pump #1 at WLPS.
Mar 20	Planned WTP shutdown for capital project work.
Mar 20	Monthly test for total chlorine in EQ tank, plant drain and Actiflo units.
Mar 20	Monthly calibration of gas detectors.
Mar 20	Annual review of LAWSS hazard assessments.
Mar 21	Sodium bisulfite pump #1 general fault – primed and restarted pump.
Mar 22	Sodium bisulfite pump #1 general fault – primed and restarted pump.
Mar 22	Multiple PAC auger speed feedback alarms.
Mar 23	Planned WTP shutdown for capital project work.
Mar 23	Actiflo #1 out of service to troubleshoot and repair recirculation pump.
Mar 24	Troubleshooting issue with low lift pump #3 and alum pump #3 failing to start after PLC switchover.
Mar 24	MCC contactor fail when starting low lift pump #3 – started pump after resetting.

Mar 24-25	On-site reaccreditation audit by Intertek SAI Global.
Mar 25	Shut down filters on north bank for PLC integration work by CIMA+/Dielco.
Mar 25	Filter #10 close limit fail alarm.
Mar 27	Partially drained east high lift pump wet well for upcoming inspection and disinfection.
Mar 27	High filter #9 effluent turbidity (>0.5 NTU) – restored immediately.
Mar 27	High filter #1 effluent turbidity (>0.5 NTU) – restored immediately.
Mar 27	High filter #9 effluent turbidity (>1.0 NTU) – took out of service immediately and manually backwashed.
Mar 28	Ran pump #1 at WLPS.
Mar 28	MCC contactor fail when starting low lift pump #3 – started pump after resetting.
Mar 28	Intrusion alarm triggered at WLPS.
Mar 29	East travelling screens wash water failing to shut off automatically.
Mar 30	Stations #5, #6, #7 and filter continuous monitoring lost unexpectedly during PLC integration work – low lift pump shut down, filters taken out of service and critical parameters recorded on bench sheet continuously until restored.
Mar 30	Switched from west to east low lift pump discharge header.
Mar 31	Power interruption at WTP – emergency generators started automatically.
Mar 31	Shut off flocculator #4 temporarily for PLC integration work.
Mar 31	Filter #7 drain sluice gate actuator failed to open – opened in manual remotely.
Mar 31	Reported watermain break in St. Clair Gardens, dispatched on-call operator.
Mar 31	Monthly OHSA workplace inspection completed at WTP.

Distribution

March:

Mar 3	Access to Watford Standpipe provided for Bearcom.
Mar 4	Valve operations and chamber checks ongoing in Sarnia.
Mar 5	Third party work with Sarnia Public Works for sanitary repair on Cathcart Blvd.
Mar 6	Site meeting with Enbridge at Camlachie Rd, Plympton-Wyoming.
Mar 9	Site meeting with Solo Cables for directional drilling at London Line, Sarnia.
Mar 9, 11	Third party work with Hydro One at 4124 St. Clair Pkwy., St. Clair Twp.
Mar 11	Assisted St. Clair Twp. with reopening Air Liquide water service at 60 Bickford Line.
Mar 13	Site meeting with Ask Guy at 1643 London Line, Sarnia.
Mar 17	Third party work with Bluewater Power at Lottie Neely Park Rd., Sarnia.
Mar 18	Site meeting with Enbridge at 3865 St. Clair Pkwy., St. Clair Twp.
Mar 18	Daylighting Nova Corunna emergency feed lin on Hill St., St. Clair Twp.

Mar 20	Third party work with Flex Forward on LaSalle Line and Hwy 40, St. Clair Twp.
Mar 23	Third party work with Sevcon at Indian Rd. and Confederation St., Sarnia.
Mar 19, 24-26	Valve operations and chamber checks ongoing in Plympton-Wyoming.
Mar 26	Valve operations and chamber checks ongoing in Warwick.
Mar 26	Site meeting with Enbridge at 4186 London Line, Plympton-Wyoming.
Mar 30	Third party work with Sevcon at Indian Rd. and Confederation St., Sarnia.
Mar 31	Meter readings for month of March.

Call Outs 2026

March

There was a call out on March 22nd to respond to a persistant nuisance alarm related to the PAC auger speed feedback. The responding operator investigated the source of the alarm and the steps that could be taken to disable it. Due to the potential to create larger issues in the process it was then determined that the best course of action would be to defer the issue until the following day when it could be addressed with more available support.

There was a call out on March 28th to respond to an intrusion alarm at WLPS. The front gate and door were found locked, but the front door was found to be not fully closed. No one was observed onsite and so the door was reclosed and tested the latch before leaving site.

There was a call out on March 29th to respond to an issue with the the east travelling screens wash water failing to shut off automatically and from the panel. The responding operator arrived onsite and attempted to clean the solenoid control valve to resolve the issue but was unsuccessful. The water line was then isolated until it could be repaired the following week.

One Call Utility Locates

These numbers represent the number of locate notifications that were cleared from LAWSS assets

Number of Locates/Month

YEAR	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
2025	72	31	112	167	127	158	177	109	140	109	79	22
2026	45	56	94									

RMS Sludge Haulage

These numbers represent total monthly amounts of sludge produced by the Residual Management System and hauled to Sarnia WPCP

Amount of sludge produced per month in m³

YEAR	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
2025	307	230	306	236	150	215	300	295	165	252	360	306
2026	300	384	300									

Required Monthly Reports

Monthly System Flows- see separate attached summary report

Workplace Management System Reports – see separate attached reports

Performance Data and Compliance – See separate attached report

Required Financial Reports

Quarterly Financial Summary – Q1 due April 30, 2026

Annual “Schedule G” Reconcilable Commodities Report – 2026 due January 30, 2027

Health & Safety Work Order Summary by Facility

Start Date: 2026-03-01

End Date: 2026-03-31

Hub: Midwest LAWSS

Cluster	ORG ID	Facility ID	Health and Safety					Closure Rate		
			Initiated	Approved	Completed	Total Labor Hrs	Total Cost \$	Target	Actual	Variance
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton Distribution (5544-WDEL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton PS (5544-WPEL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Forest Standpipe (5544-WDFS)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Indian Road Tower (5544-WDIR)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Lambton Area RMS (5544-WWLA)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Lambton Area WTP (5544-WTLA)	3	3	2	4.50	231.57	85.00%	66.67%	18.33%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Lambton Shores Distribution (5544-WDLS)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Plympton-Wyoming Distribution (544-WDPW)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Plympton-Wyoming Distribution (5544-WDPW)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Point Edward Distribution (5544-WDPE)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Port Lambton Standpipe (5544-WDPL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%

LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, ST.Clair Distribution (5544-WDWS)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Sarnia Distribution (5544-WDSD)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Warwick-Watford Distribution (5544-WDWW)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Watford Standpipe (5544-WDWF)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, West Lambton Booster Stn (5544-WPWL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	Lambton Area Water Treatment Plant (5544)	1	1	1	0.75	47.69	85.00%	100.00%	-15.00%
Total			4	4	3	5.25	279.26	85.00%	75.00%	10.00%

Key Column	Colour	Meaning
Init	Yellow	No Work Orders initialized
Closed	Yellow	Closure Rate between 20-50%
Closed	Red	Closure Rate less than 20%

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Health & Safety Work Order Summary by Facility

Start Date: 2026-01-01

End Date: 2026-03-31

Hub: Midwest LAWSS

Cluster	ORG ID	Facility ID	Health and Safety					Closure Rate		
			Initiated	Approved	Completed	Total Labor Hrs	Total Cost \$	Target	Actual	Variance
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton Distribution (5544-WDEL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton PS (5544-WPEL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Forest Standpipe (5544-WDFS)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Indian Road Tower (5544-WDIR)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Lambton Area RMS (5544-WWLA)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Lambton Area WTP (5544-WTLA)	14	14	11	24.75	1427.47	85.00%	78.57%	6.43%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Lambton Shores Distribution (5544-WDLS)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Plympton-Wyoming Distribution (544-WDPW)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Plympton-Wyoming Distribution (5544-WDPW)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Point Edward Distribution (5544-WDPE)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Port Lambton Standpipe (5544-WDPL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%

LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, ST.Clair Distribution (5544-WDWS)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Sarnia Distribution (5544-WDSD)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Warwick-Watford Distribution (5544-WDWW)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, Watford Standpipe (5544-WDWF)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, West Lambton Booster Stn (5544-WPWL)	0	0	0	0.00	0.00	85.00%	100.00%	-15.00%
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	Lambton Area Water Treatment Plant (5544)	4	4	4	3.25	206.62	85.00%	100.00%	-15.00%
Total			18	18	15	28.00	1634.09	85.00%	83.33%	1.67%

Key Column	Colour	Meaning
Init	Yellow	No Work Orders initialized
Closed	Yellow	Closure Rate between 20-50%
Closed	Red	Closure Rate less than 20%

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Work Order Summary by Facility

Start Date: 2026-03-01
 End Date: 2026-03-31
 Hub: Midwest LAWSS

Key Col	Colour	Meaning
Init	Yellow	No Work Orders initialized
Closed	Yellow	Closure Rate between 20-50%
Closed	Red	Closure Rate less than 20%

			Corrective Maintenance					Emergency Maintenance					Call Back						
			Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$		
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton Distribution (5544-WDEL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, East Lambton PS (5544-WPEL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Forest Standpipe (5544-WDFS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Indian Road Tower (5544-WDIR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Lambton Area RMS (5544-WWLA)	1	1	1	8	352	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Lambton Area WTP (5544-WTLA)	4	4	1	5	317.91	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Lambton Shores Distribution (5544-WDLS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Plympton-Wyoming Distribution (544-WDPW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Plympton-Wyoming Distribution (5544-WDPW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Point Edward Distribution (5544-WDPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Port Lambton Standpipe (5544-WDPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, ST.Clair Distribution (5544-WDWS)	0	0	0	0	0	1	1	1	6	437.56	0	0	0	0	0	0	
		5544, Sarnia Distribution (5544-WDSD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, Warwick-Watford Distribution (5544-WDWW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, Watford Standpipe (5544-WDWF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, West Lambton Booster Stn (5544-WPWL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Lambton Area Water Treatment Plant (5544)	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	203.1	
		Grand Total			5	5	2	13	\$ 669.91	1	1	1	6.00	\$ 437.56	1	1	0	4.00	\$203.10

Work Order Summary by Facility

Start Date: 2026-03-01
 End Date: 2026-03-31
 Hub: Midwest LAWSS

Key Col	Colour	Meaning
Init		No Work Orders initialized
Closed		Closure Rate between 20-50%
Closed		Closure Rate less than 20%

			Preventive Maintenance					Operational					Capital/Project Work					Closure Rate		
			Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Target	Actual	Variance
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton Distribution (5544-WDEL)	0	0	0	0	0	3	3	2	9.75	433.83	0	0	0	0	0	85%	66.66%	18.33%
		5544, East Lambton PS (5544-WPEL)	7	7	5	9	431.79	2	2	2	15.5	778.18	0	0	0	0	0	85%	77.77%	7.222%
		5544, Forest Standpipe (5544-WDFS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Indian Road Tower (5544-WDIR)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	0%	85%
		5544, Lambton Area RMS (5544-WWLA)	2	2	2	2.25	116.2	2	2	2	16.5	717.06	0	0	0	0	0	85%	100%	-15.0%
		5544, Lambton Area WTP (5544-WTLA)	37	37	28	79.5	3438.47	8	8	7	1778	55289.82	0	0	0	0	0	85%	73.46%	11.53%
		5544, Lambton Shores Distribution (5544-WDLS)	1	1	1	0.25	16.54	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Plympton-Wyoming Distribution (544-WDPW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Plympton-Wyoming Distribution (5544-WDPW)	2	2	2	4.25	213.06	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Point Edward Distribution (5544-WDPE)	1	1	1	1.5	99.21	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Port Lambton Standpipe (5544-WDPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, ST.Clair Distribution (5544-WDWS)	0	0	0	0	0	2	2	2	4.25	227.07	0	0	0	0	0	85%	100%	-15.0%
		5544, Sarnia Distribution (5544-WDSD)	0	0	0	0	0	1	1	1	0.25	16.54	0	0	0	0	0	85%	100%	-15.0%
		5544, Warwick-Watford Distribution (5544-WDWW)	1	1	1	2	132.28	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Watford Standpipe (5544-WDWF)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	0%	85%
		5544, West Lambton Booster Stn (5544-WPWL)	8	8	4	7	343.8	2	2	2	12.5	545.56	0	0	0	0	0	85%	60%	25%
		Lambton Area Water Treatment Plant (5544)	0	0	0	0	0	1	1	1	0.75	47.69	0	0	0	0	0	85%	50%	35%
		Grand Total			61	61	44	105.75	\$ 4,791.35	21	21	19	1837.5	\$ 58,055.75	0	0	0	0	\$ -	85%

Work Order Summary by Facility

Start Date: 2026-01-01
 End Date: 2026-03-31
 Hub: Midwest LAWSS

Key Col	Colour	Meaning
Init	Yellow	No Work Orders initialized
Closed	Yellow	Closure Rate between 20-50%
Closed	Red	Closure Rate less than 20%

			Corrective Maintenance					Emergency Maintenance					Call Back						
			Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$		
LAWSS (133000)	Lambton Area Water Treatment Plant (5544)	5544, East Lambton Distribution (5544-WDEL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, East Lambton PS (5544-WPEL)	1	1	0	14.25	1098.96	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Forest Standpipe (5544-WDFS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Indian Road Tower (5544-WDIR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Lambton Area RMS (5544-WWLA)	3	3	2	9	396	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Lambton Area WTP (5544-WTLA)	11	11	4	61.75	9954.91	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Lambton Shores Distribution (5544-WDLS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Plympton-Wyoming Distribution (544-WDPW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Plympton-Wyoming Distribution (5544-WDPW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Point Edward Distribution (5544-WDPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5544, Port Lambton Standpipe (5544-WDPL)	1	1	0	29.25	1346.76	0	0	0	0	0	0	0	0	0	0	0	0
		5544, ST.Clair Distribution (5544-WDWS)	0	0	0	0	0	2	2	2	33.5	2051.72	0	0	0	0	0	0	
		5544, Sarnia Distribution (5544-WDSD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, Warwick-Watford Distribution (5544-WDWW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, Watford Standpipe (5544-WDWF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5544, West Lambton Booster Stn (5544-WPWL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			Lambton Area Water Treatment Plant (5544)	0	0	0	0	0	0	0	0	0	0	1	1	0	4	203.1	
		Grand Total		16	16	6	114.25	\$ 12,796.63	2	2	2	33.50	\$ 2,051.72	1	1	0	4.00	\$203.10	

Work Order Summary by Facility

Start Date: 2026-01-01
 End Date: 2026-03-31
 Hub: Midwest LAWSS

Key Col	Colour	Meaning
Init		No Work Orders initialized
Closed		Closure Rate between 20-50%
Closed		Closure Rate less than 20%

LAWSS (133000)	Lambton Area Water Treatment Plant (5544)		Preventive Maintenance					Operational					Capital/Project Work					Closure Rate		
			Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Init	Approved	Completed	Total Labor Hrs	Total Cost \$	Target	Actual	Variance
		5544, East Lambton Distribution (5544-WDEL)	0	0	0	0	0	9	9	8	22.75	1037.46	0	0	0	0	0	85%	88.88%	-3.88%
		5544, East Lambton PS (5544-WPEL)	22	22	19	45	2218.84	6	6	6	42.5	2310.65	0	0	0	0	0	85%	86.20%	-1.20%
		5544, Forest Standpipe (5544-WDFS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Indian Road Tower (5544-WDIR)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	0%	85%
		5544, Lambton Area RMS (5544-WWLA)	7	7	7	10.25	486.93	7	7	6	59.75	3013.87	0	0	0	0	0	85%	88.23%	-3.23%
		5544, Lambton Area WTP (5544-WTLA)	103	103	82	219	10078.36	34	34	30	4531.25	151659.37	0	0	0	0	0	85%	78.37%	6.621%
		5544, Lambton Shores Distribution (5544-WDLS)	3	3	3	4.25	281.1	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Plympton-Wyoming Distribution (544-WDPW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Plympton-Wyoming Distribution (5544-WDPW)	4	4	4	13	791.15	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Point Edward Distribution (5544-WDPE)	3	3	3	5.25	346.6	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Port Lambton Standpipe (5544-WDPL)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	0%	85%
		5544, ST.Clair Distribution (5544-WDWS)	0	0	0	0	0	6	6	6	32.75	1946.2	0	0	0	0	0	85%	100%	-15.0%
		5544, Sarnia Distribution (5544-WDSD)	0	0	0	0	0	3	3	3	49.5	2526.58	0	0	0	0	0	85%	100%	-15.0%
		5544, Warwick-Watford Distribution (5544-WDWW)	3	3	3	9	595.27	0	0	0	0	0	0	0	0	0	0	85%	100%	-15.0%
		5544, Watford Standpipe (5544-WDWF)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	85%	0%	85%
		5544, West Lambton Booster Stn (5544-WPWL)	20	20	16	30	1528.92	6	6	6	40.5	1876.31	0	0	0	0	0	85%	84.61%	0.384%
		Lambton Area Water Treatment Plant (5544)	8	8	3	3.75	218.85	3	3	3	3	190.73	0	0	0	0	0	85%	50%	35%
Grand Total			175	175	140	339.5	\$ 16,546.02	74	74	68	4782	\$ 164,561.17	0	0	0	0	\$ -	85%	81%	4%

								2026			
Coagulation/Flocculation		Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min			
Coagulant Dosage-Calculated - mg/L											
	IH Month.Max	28.13	25.78	33.59			33.59				
	IH Month.Mean	22.69	21.89	23.26		22.64					
	IH Month.Min	19.38	19.52	18.80					18.80		
Coagulant Used - kg											
	IH Month.Max	1664.00	1638.40	1574.40			1664.00				
	IH Month.Mean	1303.95	1261.71	1247.38		1271.32					
	IH Month.Min	1100.80	921.60	985.60					921.60		
	IH Month.Total	40422.40	35328.00	38668.80	114419.20						
Coagulant Volume Used - m³											
	IH Month.Max	1.30	1.28	1.23			1.30				
	IH Month.Mean	1.02	0.99	0.97		0.99					
	IH Month.Min	0.86	0.72	0.77					0.72		
	IH Month.Total	31.58	27.60	30.21	89.39						
Polymer Dosage - mg/L											
	IH Month.Max	0.03					0.03				
	IH Month.Mean	0.00				0.00					
	IH Month.Min	0.00							0.00		
Polymer Used - kg											
	IH Month.Max	1.90					1.90				
	IH Month.Mean	0.28				0.28					
	IH Month.Min	0.00							0.00		
	IH Month.Total	4.20			4.20						
								2026			
DW			Feb 2026		Total	Avg	Max	Min			
HAA Total - µg/l											
	Lab Month.Max		15.10				15.10				
	Lab Month.Mean		14.03			14.03					
	Lab Month.Min		12.80						12.80		
Trihalomethane: Total - µg/l											
	Lab Month.Max		44.00				44.00				
	Lab Month.Mean		31.00			31.00					
	Lab Month.Min		24.00						24.00		

				2026						
East Lambton Booster Station				Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
CI Residual: Inlet Free - mg/L										
	OL Month.Max	1.63	1.78	1.65				1.47	1.78	
	OL Month.Mean	1.46	1.48	1.47						
	OL Month.Min	1.27	1.30	1.32						1.27
				2026						
West Lambton Booster Station				Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
CI Residual: Outlet Free - mg/L										
	OL Month.Max	2.04	1.95	2.00				1.69	2.04	
	OL Month.Mean	1.72	1.58	1.78						
	OL Month.Min	1.32	1.35	1.42						1.32
				2026						
HFS				Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
HFS (kg) - kg										
	IH Month.Max	139.83	0.00	0.00				40.05	139.83	
	IH Month.Mean	82.86	0.00	0.00						
	IH Month.Min	0.00	0.00	0.00						0.00
	IH Month.Total	2402.94	0.00	0.00	2402.94					
Fluoride Used - L										
	IH Month.Max	114.61	0.00	0.00				32.83	114.61	
	IH Month.Mean	67.92	0.00	0.00						
	IH Month.Min	0.00	0.00	0.00						0.00
	IH Month.Total	1969.62	0.00	0.00	1969.62					
Treated Water Fluoride Residual - mg/L										
	OL Month.Max	0.87	0.25	0.12				0.19	0.87	
	OL Month.Mean	0.42	0.08	0.06						
	OL Month.Min	0.08	0.05	0.04						0.04
Fluoride Dosage - mg/L										
	IH Month.Max	0.63	0.00	0.00				0.13	0.63	
	IH Month.Mean	0.37	0.00	0.00						
	IH Month.Min	0.00	0.00	0.00						0.00
				2026						
Filter Backwash				Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
Backwash Volume - m³										
	IH Month.Max	5104.00	5106.00	3986.00				2197.38	5106.00	
	IH Month.Mean	2436.03	2098.07	2043.47						
	IH Month.Min	1679.00	0.00	1124.00						0.00
	IH Month.Total	75517.00	58746.00	61304.00	195567.00					

				2026			
Post Disinfection	Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
Chlorine Dosage - mg/L							
IH Month.Max	1.79	2.01	1.71			2.01	
IH Month.Mean	1.58	1.51	1.43		1.51		
IH Month.Min	0.88	1.29	0.47				0.47
Hypochlorite Dosage - mg/L							
IH Month.Max	14.88	16.71	14.27			16.71	
IH Month.Mean	13.18	12.57	11.89		12.54		
IH Month.Min	7.32	10.76	3.89				3.89
Hypochlorite Used - kg							
IH Month.Max	957.63	995.23	821.33			995.23	
IH Month.Mean	759.81	725.60	643.52		709.11		
IH Month.Min	438.28	445.33	171.55				171.55
IH Month.Total	23554.05	20316.93	19949.15	63820.13			
Station 7 Cl Residual: Free - mg/L							
OL Month.Max	1.73	1.81	1.73			1.81	
OL Month.Mean	1.58	1.50	1.52		1.53		
OL Month.Min	1.44	1.24	0.00				0.00
Hypochlorite Volume-Total - m³							
IH Month.Max	0.82	0.85	0.70			0.85	
IH Month.Mean	0.65	0.62	0.55		0.60		
IH Month.Min	0.37	0.38	0.15				0.15
IH Month.Total	20.05	17.29	16.98	54.32			
				2026			
Pre-chlorination	Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
Chlorine Dosage - mg/L							
IH Month.Max	1.24	1.17	1.46			1.46	
IH Month.Mean	0.96	1.01	1.09		1.02		
IH Month.Min	0.75	0.79	0.90				0.75
Hypochlorite Dosage - mg/L							
IH Month.Max	10.32	9.77	12.18			12.18	
IH Month.Mean	8.02	8.39	9.10		8.50		
IH Month.Min	6.22	6.55	7.53				6.22
Hypochlorite Used - kg							
IH Month.Max	594.55	609.83	668.58			668.58	
IH Month.Mean	460.79	481.37	488.27		476.66		
IH Month.Min	358.38	360.73	397.15				358.38
IH Month.Total	14284.48	13478.43	15136.35	42899.25			

From 01/01/2026 to 03/31/2026

Cl Residual: Free - mg/L								
IH Month.Max	0.66	0.68	0.70			0.70		
IH Month.Mean	0.59	0.61	0.63		0.61			
IH Month.Min	0.53	0.49	0.52					0.49
Cl Residual: Total - mg/L								
IH Month.Max	0.80	0.83	0.82			0.83		
IH Month.Mean	0.72	0.74	0.75		0.74			
IH Month.Min	0.64	0.59	0.66					0.59
Hypochlorite Volume-Total - m³								
IH Month.Max	0.51	0.52	0.57			0.57		
IH Month.Mean	0.39	0.41	0.42		0.41			
IH Month.Min	0.31	0.31	0.34					0.31
IH Month.Total	12.16	11.47	12.88	36.51				
2026								
PrTr	Jan 2026				Total	Avg	Max	Min
P.A.C. Dosage - mg/L								
IH Month.Max	0.00						0.00	
IH Month.Mean	0.00					0.00		
IH Month.Min	0.00							0.00
P.A.C. Used - kg								
IH Month.Max	0.00						0.00	
IH Month.Mean	0.00					0.00		
IH Month.Min	0.00							0.00
IH Month.Total	0.00							
2026								
Raw Water	Jan 2026	Feb 2026	Mar 2026		Total	Avg	Max	Min
Background - cfu/100mL								
Lab Month.Max	8.00	10.00	720.00				720.00	
Lab Month.Mean	< 3.50	2.50	182.50		< 62.83			
Lab Month.Min	0.00	0.00	0.00					0.00
Conductivity - µS/cm								
IH Month.Max	222.98	230.00	225.70				230.00	
IH Month.Mean	219.86	223.72	220.98			221.45		
IH Month.Min	218.00	218.30	217.60					217.60
E. Coli: EC - cfu/100mL								
Lab Month.Max	< 2.00	2.00	< 2.00				2.00	
Lab Month.Mean	< 0.50	0.50	< 1.00		< 0.67			
Lab Month.Min	0.00	0.00	0.00					0.00

Raw Flow Daily - m³/d							
IH Month.Max	66133.00	70831.00	66882.00			70831.00	
IH Month.Mean	57615.39	57623.54	54056.52		56392.09		
IH Month.Min	45854.00	41384.00	38105.00				38105.00
IH Month.Total	1786077.00	1613459.00	1675752.00	5075288.00			
Raw Flow Rate - l/s							
IH Month.Max	765.43	819.80	774.10			819.80	
IH Month.Mean	667.10	670.86	625.65		654.00		
IH Month.Min	530.70	478.98	441.03				441.03
Raw Water pH - ---							
IH Month.Max	8.25	8.09	8.10			8.25	
IH Month.Mean	8.05	8.03	8.05		8.04		
IH Month.Min	8.01	7.98	8.01				7.98
Temperature - °C							
IH Month.Max	9.80	8.55	10.00			10.00	
IH Month.Mean	7.71	7.37	9.18		8.11		
IH Month.Min	6.00	6.00	8.30				6.00
Total Coliform: TC - cfu/100mL							
Lab Month.Max	4.00	2.00	22.00			22.00	
Lab Month.Mean	1.00	0.50	< 6.00		< 2.50		
Lab Month.Min	0.00	0.00	0.00				0.00
Raw Water Turbidity - NTU							
OL Month.Max	19.70	14.70	5.60			19.70	
OL Month.Mean	2.00	1.36	1.16		1.51		
OL Month.Min	0.21	0.13	0.17				0.13
2026							
Treated Water	Jan 2026	Feb 2026	Mar 2026	Total	Avg	Max	Min
Background - cfu/100mL							
Lab Month.Max	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00				0.00
E. Coli: EC - cfu/100mL							
Lab Month.Max	0.00	0.00	0.00			0.00	
Lab Month.Mean	0.00	0.00	0.00		0.00		
Lab Month.Min	0.00	0.00	0.00				0.00
Electrical Consumption - kWh							
IH Month.Total	1021219.85	1133833.02	1061237.39	3216290.26			

Flow-Service Water - m³/d									
IH Month.Max		250.31	725.90	554.00				725.90	
IH Month.Mean		157.79	173.29	150.84		160.22			
IH Month.Min		50.20	41.91	38.01					38.01
IH Month.Total		4891.54	4852.05	4676.00	14419.59				
Flow: Total of All Sources - m³/d									
IH Month.Max		65797.00	63085.00	59952.00				65797.00	
IH Month.Mean		54919.75	55935.86	52012.44		54234.46			
IH Month.Min		46731.00	48181.00	41100.00					41100.00
IH Month.Total		1702512.14	1566204.00	1612385.61	4881101.75				
HPC - cfu/mL									
Lab Month.Max	<	10.00	<	10.00	<	10.00		<	10.00
Lab Month.Mean	<	10.00	<	10.00	<	10.00	<	10.00	
Lab Month.Min	<	10.00	<	10.00	<	10.00			<
Total Coliform: TC - cfu/100mL									
Lab Month.Max		0.00	0.00	0.00				0.00	
Lab Month.Mean		0.00	0.00	0.00		0.00			
Lab Month.Min		0.00	0.00	0.00					0.00
Turbidity - NTU									
OL Month.Max		0.17	0.17	0.17				0.17	
OL Month.Mean		0.10	0.08	0.07		0.08			
OL Month.Min		0.04	0.01	0.04					0.01

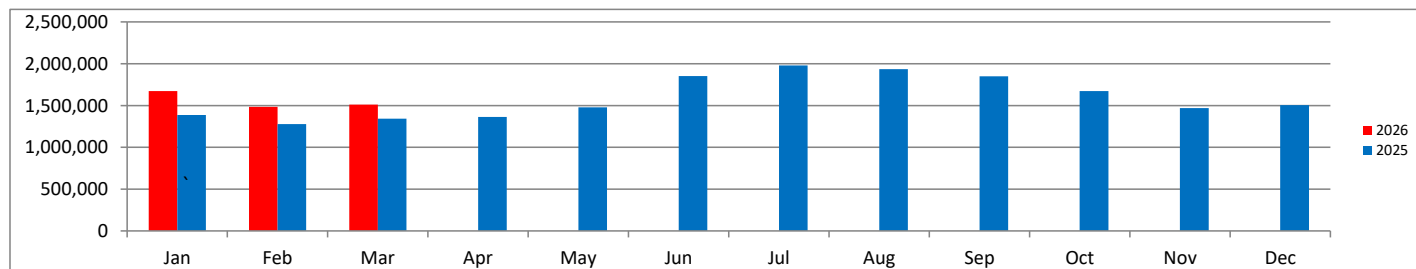
LAWSS Flow Summary

Draft

LAWSS Member	Total Flows as of Mar 2026												Total	% Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date for: Jan - Mar	
Sarnia	2026	948,533	816,470	853,442	0	0	0	0	0	0	0	0	2,618,446	56.31
	2025	740,735	667,352	734,822	746,817	850,081	1,080,769	1,106,824	1,093,541	1,019,983	925,740	798,465	837,218	10,602,348
Point Edward	2026	26,572	25,070	22,736	0	0	0	0	0	0	0	0	74,378	1.60
	2025	29,781	27,553	30,752	30,725	34,078	44,031	43,748	41,888	37,645	31,788	24,636	23,311	399,936
St. Clair	2026	550,068	509,600	494,568	0	0	0	0	0	0	0	0	1,554,235	33.42
	2025	462,650	445,206	429,484	433,207	419,609	518,871	594,994	550,186	577,391	537,121	502,769	507,827	5,979,316
Plympton/Wyoming	2026	68,555	63,616	67,915	0	0	0	0	0	0	0	0	200,086	4.30
	2025	78,565	71,873	78,512	81,216	95,395	114,893	115,397	123,415	104,103	86,123	67,028	64,133	1,080,652
Lambton Shores	2026	36,302	30,414	30,969	0	0	0	0	0	0	0	0	97,685	2.10
	2025	31,794	27,052	30,682	32,832	37,871	44,517	66,500	71,300	63,229	48,771	32,668	30,716	517,932
Watford/Warwick	2026	36,056	35,137	34,432	0	0	0	0	0	0	0	0	105,626	2.27
	2025	32,531	29,011	32,258	31,397	35,626	41,875	44,745	47,115	41,355	37,000	36,705	35,617	445,234
Totals	2026	1,671,680	1,485,472	1,509,472	0	0	0	0	0	0	0	0	4,666,624	
	2025	1,385,632	1,278,624	1,343,328	1,362,048	1,479,340	1,853,120	1,979,488	1,934,272	1,850,496	1,673,056	1,467,872	1,504,160	19,111,436

Others

Alvinston	2026	5,594	5,165	5,410	0	0	0	0	0	0	0	0	16,168	0.35
	2025	9,576	7,038	6,819	5,853	6,680	8,164	7,280	6,827	6,790	6,514	5,601	5,338	82,479
Petrolia	2026	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	2025	0	3,539	0	0	0	0	0	0	0	0	0	0	3,539
Chatham-Kent	2026	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	2025	0	0	0	0	0	0	0	0	0	0	0	0	0.00



Note:

Work Sheet Revision Date: 26-Jan-2026

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

City of Sarnia

For the Month of: **March 2026**

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments			Flow	
					As Found	As Left	X		
15	HighL High Net Flow Totalizer	1-Apr-26	2,154,695	2,154,695	0			1	0
13	HighL Low Net Flow Totalizer	1-Apr-26	306,709,344	305,199,872	1,509,472			1	1,509,472

Entering Sarnia: 1,509,472
 Members Monthly % Used

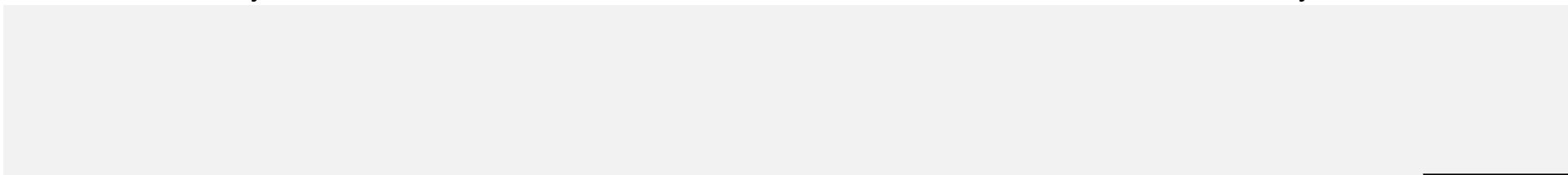
Leaving Sarnia to LAWSS Members:
 Village of Point Edward - Grand Total: 22,736 1.5
 St. Clair Township - Grand Total: 494,568 32.9
 Plympton/Wyoming - Grand Total: 67,915 4.5
 Lambton Shores - Grand Total: 30,969 2.1
 Village of Watford/Township of Warwick - Grand Total: 34,432 2.3

Leaving Sarnia to Others:
 Town of Alvinston - Grand Total: 5,410
 Town of Petrolia - Grand Total: 0
 Chatham-Kent Area Water - Grand Total: 0

Metered Consumption: 853,442

Adjustments:

Reason for Adjustment:



Jodi Stradeski (Sr Operations Manager)

City of Sarnia - Total Consumption:	853,442	
Leakage rate adjustment	0%	0
City of Sarnia - Grand Total:	853,442	56.7
Overall Grand Total:	1,509,472	100.0

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

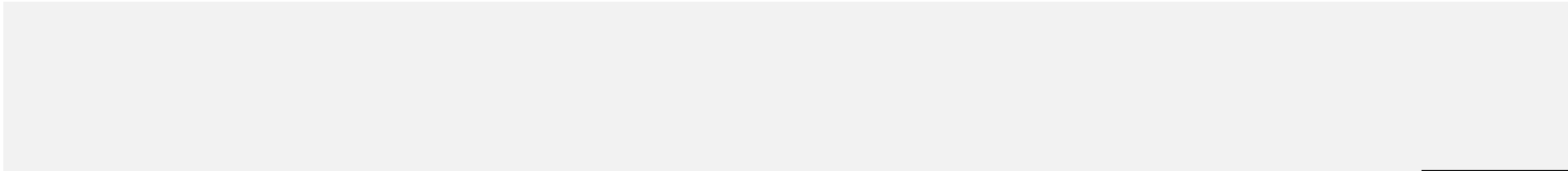
Village of Point Edward

For the Month of: **March 2026**

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%	
		1-Apr-26	2-Mar-26		As Found	As Left				
CH01	Venetian Vill (Mag)	932,663	929,404	3,259			1	3,259	14.9	
CH02	Ven & Exmouth (Mag)	74,870	74,544	326			1	326	1.5	
CH03	Michigan & Monk (Mag)	940,773	923,283	17,490			1	17,490	80.0	
CH04	Michigan & Front (Mag)	45,787	45,000	787			1	787	3.6	
								Metered Consumption:	21,862	100.0

Reason for Adjustment:

Adjustments:



Village of Point Edward - Total Consumption: 21,862

Leakage rate adjustment 4% 874

Village of Point Edward - Grand Total: 22,736

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Jodi Stradeski (Sr Operations Manager)

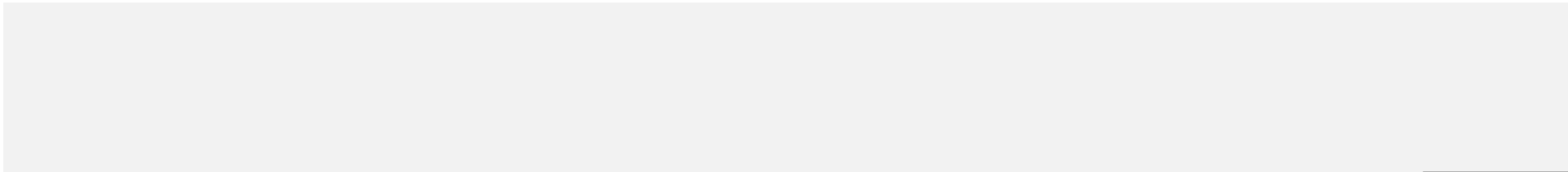
LAWSS Water used by the
 Note: All Flow totals are in cubic meters

St. Clair Township

For the Month of: **March 2026**

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
WL-O 3100	WL High Net Flow - West Lambton Plank Road (3/4)	70,597,624	70,121,784	475,840			1	475,840	100.1
		729	729	0			1	0	
Back to Sarnia									
1100	LaSalle & Parkway	81	81	0			1	0	
1090	LaSalle & Tashmoo	572	560	12			1	12	0.0
1095	LaSalle & Virgil	14,293	14,011	282			1	282	0.1
Entering St. Clair Township:								475,840	100.1
Leaving St. Clair Township									
Back to Sarnia:								294	0.1
Chatham-Kent Area Water - Total Consumption:								0	
Metered Consumption:								475,546	100.0
Adjustments:									

Reason for Adjustment:



St. Clair Township - Total Consumption:	475,546
Leakage rate adjustment 4%	19,022
St. Clair Township - Grand Total:	494,568

Jodi Stradeski (Sr Operations Manager)

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

Township of Plympton / Village of Wyoming

For the Month of: March 2026

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%
		1-Apr-26	2-Mar-26		As Found	As Left			
Entering Plympton									
5001	Ch05 Low Net Flow - Maundaumin	57,837	57,837	0			1	0	
5002	Ch05 High Net Flow - Maundaumin	29,914,380	29,780,782	133,598			1	133,598	
Village of Wyoming									
Back to Sarnia									
1005	Brights Grove (Sarnia)	0	0	0			0.1	0	
1006	Brights Grove (Sarnia)	0	0	0			10	0	

Entering Plympton: 133,598

Leaving Plympton

Village of Wyoming: 0

Back to Sarnia: 0

Lambton Shores - Total Consumption: 29,777

Watford/Warwick - Total Consumption: 33,108

Town of Alvinston - Total Consumption: 5,410

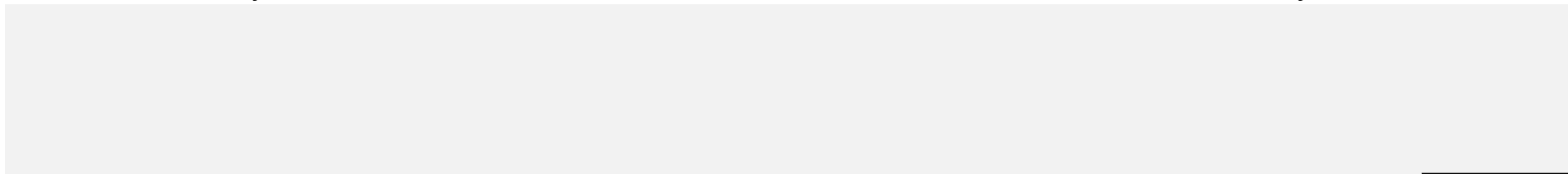
Town of Petrolia - Total Consumption: 0

Metered Consumption For Plympton: 65,303

Village of Wyoming: 0

Adjustments:

Reason for Adjustment:



Plympton/Wyoming - Total Consumption: 65,303

Leakage rate adjustment 4% 2,612

Plympton/Wyoming - Grand Total: 67,915

Jodi Stradeski (Sr Operations Manager)

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

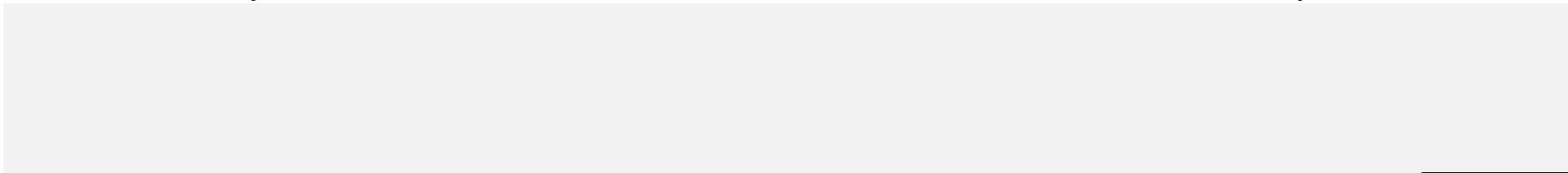
Lambton Shores

For the Month of: **March 2026**

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments			Flow	%
					As Found	As Left	X		
7003	Ch07 High Net Flow - Townsend	1,121,145	1,092,723	28,423			1	28,423	
7004	Ch07 Low Net Flow - Townsend	54,932	53,577	1,355			1	1,355	
								Metered Consumption:	<u>29,777</u>

Adjustments:

Reason for Adjustment:



Jodi Stradeski (Sr Operations Manager)

Lambton Shores - Total Consumption:	<u>29,777</u>
Leakage rate adjustment 4%	<u>1,191</u>
<u>Lambton Shores - Grand Total:</u>	<u>30,969</u>

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

Village of Watford/Township of Warwick

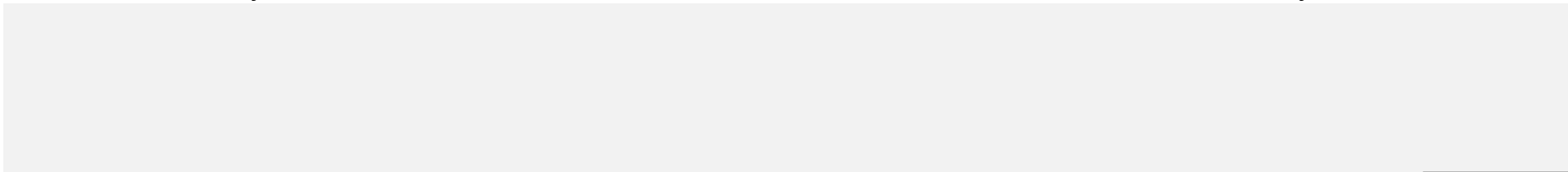
For the Month of: March 2026

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%
		1-Apr-26	2-Mar-26		As Found	As Left			
Entering Watford/Warwick									
9001	Ch10 High Net Flow - London Line	1,565,921	1,525,025	40,897			1	40,897	
9002	Ch10 Low Net Flow - London Line	935,532	932,078	3,454			1	3,454	
9003	Ch11 High Net Flow - Confederation	1,754,813	1,745,189	9,624			1	9,624	
9004	Ch11 Low Net Flow - Confederation	67,890	69,464	-1,574			1	-1,574	
Leaving Watford/Warwick									
5013	Ch09 High Net Flow - Egremont	614,968	601,085	13,883			1	13,883	
AF	Alvin High Net Flow Totalizer	2,074,906	2,069,496	5,410			1	5,410	

Entering Watford/Warwick: 52,401
Leaving Watford/Warwick: 19,293
Metered Consumption: 33,108

Adjustments:

Reason for Adjustment:



Watford/Warwick - Total Consumption: 33,108
Leakage rate adjustment 4% 1,324

Village of Watford/Township of Warwick - Grand Total: 34,432

Jodi Stradeski (Sr Operations Manager)

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

Town of Alvinston

For the Month of: **March 2026**

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments			Flow	%
					As Found	As Left	X		
AF	Alvin High Net Flow Totalizer	1-Apr-26	2-Mar-26	5,410			1	5,410	
								Metered Consumption:	5,410
								Adjustments:	

Reason for Adjustment:

[Redacted area for Reason for Adjustment]



Jodi Stradeski (Sr Operations Manager)

Town of Alvinston - Total Consumption:	5,410
Leakage rate adjustment 0%	0
<u>Town of Alvinston - Grand Total:</u>	5,410

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

Town of Petrolia

For the Month of: **March 2026**

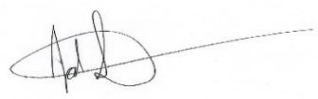
Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
PF	Petrolia Flows	143,208	143,208	0			1	0	

Metered Consumption: 0
Adjustments:

Reason for Adjustment:

[Redacted area for Reason for Adjustment]

Town of Petrolia - Total Consumption: 0
Leakage rate adjustment 0% 0
Town of Petrolia - Grand Total: 0



Jodi Stradeski (Sr Operations Manager)

LAWSS Water used by the
 Note: All Flow totals are in cubic meters

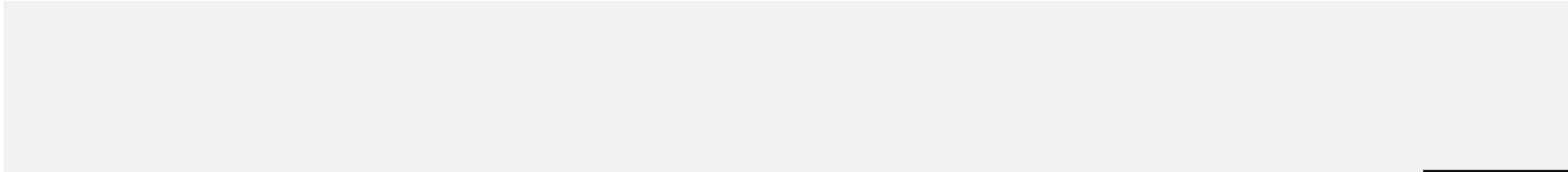
Chatham-Kent Area Water

For the Month of: **March 2026**

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
CKF	Chatham-Kent Flows	1-Apr-26	2-Mar-26	907	907	0		1	0

Metered Consumption: 0
Adjustments:

Reason for Adjustment:



Chatham-Kent Area Water - Total Consumption: 0
Leakage rate adjustment 0% 0
Chatham-Kent Area Water - Grand Total: 0

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Jodi Stradeski (Sr Operations Manager)

Report No.: 2026-04-01
Report Page: Page 1 of 2
Meeting Date: March 26, 2026
File No.:



To: Chair and Members
Lambton Area Water Supply System Joint Board of Management

From: Clinton Harper
General Manager

Subject: Information Reports (April 30, 2026)

Recommendation

That the LAWSS Joint Board of Management receive the following reports as information.

Items:

1. LAWSS Meeting with the Minister of Municipal Affairs and Housing

On April 8, 2026, the LAWSS Joint Board of Management met with the Provincial Minister of Municipal Affairs and Housing, the Hon. Rob Flack, to discuss the difficulties associated with LAWSS' ability to directly approach the Province with matters critical to the long-term viability of the regional water transmission network and LAWSS efforts to transition the Organization into a Municipal Service Corporation.

In addition to the Minister, LAWSS Municipal Representatives, and LAWSS Technical staff, the meeting was attended by MPP Bob Bailey, MPP Steve Pinsonneault, and Mayor Mike Bradley. Attached is a letter from Mayor Bradley to City of Sarnia Municipal Council requesting that the group reconsider its previous direction to not support LAWSS' effort to transition to the MSC org structure.

2. Update- Ongoing Pump Maintenance at the WTP. (LL# 5, LL #3, HL #6)

On April 15, 2026, LAWSS staff were notified by OCWA that Low Lift #5 had been successfully returned to service. The pump had been removed at the beginning of 2026 to complete an unplanned re-build of the pump liner. It has been noted that the pump now puts out significantly more flow than it did prior to being taken out of service (from 900l/s to 1350l/s). Operations has had to slightly modify how they operate the Low Lift System to accommodate this change. On the same day, Low Lift Pump #3 was removed from the WTP to undergo planned maintenance of a similar nature. Work is ongoing.

High Lift Pump #6 remains off site with work ongoing. High Lift #6 is planned to be returned to service by mid-June once the needed impellor work is complete.

Report No.: 2026-04-01
Report Page: Page 2 of 2
Meeting Date: March 26, 2026
File No.:



3. LAWSS Community Water Fluoridation (CWF) System temporarily offline.

On January 20, 2026, during routine annual testing of the backflow preventer that provides service water to the HFS feed system, it was found that the backflow equipment would need to be temporarily removed for service. To accommodate this, the system was shutdown and the Public Health Unit was notified as required. On February 4, 2026, after receiving the part to repair the backflow preventer, it was noted that an isolation valve associated with the backflow prevention assembly also required replacement.

Initially, the isolation valve was removed and sent to a local mechanical contractor for repair. However, it was determined that the purchase of a new valve was the appropriate path forward due to cost and lead time. This work is ongoing.

On April 21, 2026, Lambton Public Health sent out a press release notifying that the system was offline for maintenance. Link to the press release can be found below.

[Interruption to water fluoridation in Lambton’s municipal water supply - Lambton Public Health](#)

4. Fish on fence

On April 29, 2026, approx. 100 high school students will be arriving at the Bluewater Bridge parking lot by bus as part of the Western Lake Erie Student Summit and Stewardship Program. The program is the collaborative effort of six conservation authorities: Upper Thames River, Catfish Creek, Essex Region, Kettle Creek, Lower Thames Valley, and St. Clair Region; the program is also supported by regional school boards.

In early 2026, LAWSS staff was approached with a request to install approx. 100 painted fish made from recycled plastic on the west facing chain link fence at the LAWSS Water Treatment Plant. “Fish-on-the-fence” is one of the many activities that students will be participating in on this day. LAWSS' washrooms will be open for the event and then closed again until just prior to Victoria Day weekend.

This report was prepared by: Clinton Harper, LAWSS General Manager,

Attachment(s): Correspondence to City of Sarnia Council April 27

April 27, 2026

Re: Lambton Area Water Supply System (LAWSS) Governance Discussion and Request for Reconsideration

Sarnia City Council,

Several local mayors and municipal leaders including myself and Councillor Burrell were recently invited to a meeting with the Honourable Minister Flack, Minister of Municipal Affairs, to discuss matters related to the Lambton Area Water Supply System (LAWSS). I am writing to provide Council with a brief overview of that discussion and to request reconsideration of Council's April 29, 2025 motion that ended further consideration of a Municipal Service Corporation (MSC) governance model.


The discussion focused at a high level on the current governance structure of LAWSS, long-term infrastructure obligations, and increasing financial and operational pressures. While no decisions were made, there was shared interest in ensuring the existing governance framework remains appropriate given the scale and long-term implications of current and future capital investments.

On April 29, 2025, Council carried a motion, supported by Councillors Burrell, Dennis, Gillis, Boushy, Vandenberg, and McRoberts, directing that no further investigation be undertaken into restructuring LAWSS as an MSC. In light of subsequent regional discussions and evolving infrastructure considerations, there now may be value in permitting a broader review of governance options.

Accordingly, under section 225 of the Municipal Act, which outlines the Mayor's responsibility to provide information and recommendations to Council respecting the affairs of the municipality, I am requesting that Council reconsider the motion.

Thank you for your consideration.

Sincerely,



Mike Bradley
Mayor, City of Sarnia

Report No.: 2026-04-02
Report Page: Page 1 of 2
Meeting Date: April 30, 2026
File No.:



To: Chair and Members
Lambton Area Water Supply System Joint Board of Management

From: Clinton Harper
General Manager

Subject: LAWSS Pipeline Condition Assessment Conceptual Plan-
Consultant Award

Recommendation

It is recommended that the LAWSS Joint Board of Management award the 2026 LAWSS Condition Assessment Conceptual Plan project to Aspire Consulting Group Limited for the quoted amount of \$84,180+HST.

Background:

In March 2026, LAWSS invited qualified experts to submit proposals to complete Watermain Condition Assessment Services for the transmission network. At this stage, the primary scope of the project involves the development of a Conceptual Plan that establishes a framework for multi-year systematic assessment of all LAWSS’ buried linear assets.

Comments:

By the 2pm deadline on Friday April 17, 2026, LAWSS staff had received 5 proposal submissions. The proposals were evaluated using a Qualification-Based Selection process utilizing a 2-step method in which these proposals were received and evaluated in two separate steps. The first step involved an evaluation of the technical components of each proposal that measured the proposal according to the criteria described in Table 1. The second step involved a review of the Cost Proposal and determining the lowest cost per point to determine the successful Proponent. The lowest cost per point is outlined in Table 2. In order to be considered for the opening of the Cost Proposal, proponents were required to achieve a minimum technical score of 70.

Table 1	Weighting
Project Manager Qualifications and Experience on Directly Related Projects	15
Technical and Support Staff Qualifications and Experience on Directly Related Projects	20
Understanding of Project Goals, Methodology, and Approach	15

Report No.: 2026-04-02
Report Page: Page 2 of 2
Meeting Date: April 30, 2026
File No.:



Implementation Strategy, Schedule of Key Activities, and Commitment to Maintaining Timeline and Deliverables	20
Innovation and Recommendations	5
Reference (3 for similar projects)	25

Table 2:	Price/Point
Aspire Consulting Group Ltd.	\$872.33
Infinity Growth Corporation	\$894.64
AECOM Canada ULC	\$1,129.26
GHD Ltd.	\$1,547.22
Pure Technologies Ltd.	\$1,889.32

Consultation:

This report was developed in consultation with OCWA’s Senior Operations Manager and LAWSS Budget Analyst & Assistant System Administrator.

Financial Implications:

The Board approved a budget of \$500,000 in 2026 for overall pipeline condition assessment projects. This is the first step in the projects planned for 2026. The balance of the remaining budget will be utilized to undertake an initial project developed out of this conceptual planning process.

This report was prepared by Clinton Harper, LAWSS General Manager

Attachment(s): none

Report No.: 2026-04-03
Report Page: Page 1 of 2
Meeting Date: April 30, 2026
File No.:



To: Chair and Members
Lambton Area Water Supply System Joint Board of Management

From: Clinton Harper
General Manager

Subject: LAWSS RFQ 26-02 Phase 3 Various Panels Upgrade - Contract Award

Recommendation

It is recommended that the LAWSS Joint Board of Management award RFQ 26-02 Phase 3 Various Panels Upgrade Project at the WTP to Dielco Electric Ltd. for the quoted amount of \$518,860+HST,

Background:

The Lambton Area Water Supply System (LAWSS) completed a review of its Supervisory Control and Data Acquisition (SCADA) system in 2021. Out of this project, LAWSS developed a 10-year Master Plan aimed at overcoming current and imminent hardware obsolescence, improving overall security and maintenance of an acceptable/legislated level of overall system control and reporting capability.

Phase 3 project scope of work is centered on replacing outdated control panels, modernizing network architecture, and redistributing I/O to improve reliability and maintainability.

Key upgrades include the installation of new control panels (ICP-500 for the reservoir/valve house and ICP-700 for high-lift pumping), removal of legacy panels (ICP-4 through ICP-7), and modifications to the main control panel (MCP). Signals currently centralized in the MCP will be migrated to localized panels closer to their respective equipment (e.g., reservoir systems, high-lift pumps, filters), with new wiring, improved panel layouts, and added spare capacity for future expansion.

The MCP will retain its role as the core processing and network hub but will be simplified by removing obsolete Genius Bus components and reorganizing I/O.

Comments:

LAWSS RFQ- 26-02 Phase 3 Various Panel Upgrades closed at 1pm on April 10, 2026. Of the four Contractors that attended the mandatory site visit LAWSS received 2 potential tenders. Each submission has been checked by ERAMOSA for accuracy, and the results

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are presented in Table #2. The Engineering recommendation letter is attached to this report.

Table #2	
Bidder	Bid (+HST)
Dielco Electric Ltd.	\$518,860
Selectra Inc.	\$709,942

Based on the bid submission, it is recommended that Dielco Electric Ltd. be awarded this project. Dielco Electric Inc. has completed similar projects. It can be confidently stated that they can successfully manage and execute this contract.

Consultation:

This report was prepared in consultation with local OCWA operations and Eramosa Engineering Inc.

Financial Implications:

In 2026, the LAWSS Joint Board of Management approved a budget of \$493,889 to undertake this project. New cost for the project is \$527,991.94 (\$518,860*1.0176). The recommended bid is \$34,102.94 over 2026 the approved budget.

If approved, the additional funds will be allocated from the appropriate LAWSS capital reserves to cover the different. Be advised that there is a \$50,000 general contingency amount built into the bid submission.

This report was prepared by Clinton Harper, General Manager.

Attachment(s):

ERAMOSA Recommendation Letter- 256-02 Phase 3 Various Control Panel Upgrades.

File: 584024.11
 Date: April 17, 2026

Clinton Harper
 General Manager
 Lambton Area Water Supply System (LAWSS)
 1215 Fort Street
 Sarnia Ontario
 N7V 1M1

**Attention: Clinton Harper,
 General Manager**

REF: 26-02 Phase 3 Various Control Panel Upgrades

Dear Mr. Harper:

It is the opinion of Eramosa Engineering Inc., under the Request for Tender (RFQ 26-03) Phase 3 Various Panel Upgrade, project which closed on April 17th, 2026 at 1pm local time, that the subsequent project be awarded to Dielco Electric Ltd.

Four (4) bidding parties attended the mandatory site visit, with successful bids being received from two (2) potential tenders. Both successful bidders completed all the mandatory field and requirements and their bids are summarized as follows:

	Dielco Electric Ltd.		Selectra Inc	
1.0 Project Pricing	\$	462,000.00	\$	632,290.73
2.0 Pre Purchased Equipment		-		-
3.0 Provisional	\$	6,860.00	\$	6,651.30
4.0 Contingency	\$	50,000.00	\$	50,000.00
5.0 Other Cash Allowances		-		-
Total (Taxes Extra)	\$	518,860.00	\$	709,942.03

The project value is within the Engineer’s Opinion of Probable Cost, which the final detailed design report submission detailed as \$533,006.61, a deviation of only 2.73%. As there was a considerable difference (nearly 30% between Dielco and Selectra) we did further breakdown their numbers in the attached report. The primary differences in bids came within DIVISION 16, and was around wiring and conduit. Of the nearly \$190,000 difference between the bids, nearly \$137,000 is attributed to DIVISION 16. At this point in time we cannot provide any further detail as to the difference in cost in this section. Potential causes could be differences in estimated take-offs as a detailed cable schedule was not provided, or contractors having material on hand that were purchased at lower market value. As there was a difference, we also compared bids received during Phase 2 as Dielco and Selectra which much closer at this time. During Phase 2 bidding, Selectra was only \$13,000 higher in this category. Compared to the previous bid, Dielco has only risen by 18% in cost, and the current bid is within 7% of our current estimate for this division, whereas Selectra is noting cost increase compared to previous bids of nearly 51% and is nearly 51% higher than our current market estimate. The remainder of the bid from both

Lambton Area Water Supply System

April 17, 2026

parties remains balanced in our opinion and fair. Dielco has also been successful in delivering the Phase 2 upgrades, which have recently reached a state where Dielco can file for Substantial Completion (pending the Engineers checks and approvals) without significant extras or changes. As such we have no reason at this point in time to believe the difference in this category represents a significant risk to the project or that there is a glaring scope issue.

Based on the above provided information, and the subsequent sheets verifying bid conformance we recommend the project be awarded to Deilco Electric Ltd. with the following figures:

A	Present Contract Value (less HST)	\$462,000.00
B	Provisionals Budget (requires written approval to use)	\$6,860.00
C	Contingency Budget (requires written approval to use)	\$50,000.00
D	Project Upset Value (A + B + C)	\$518,860.00
E	Taxes (13% of D)	\$67,451.80
F	Total Contract Upset Value (D+E)	\$586,311.80

Should you have any questions about this filing please contact the undersigned. (2 pages appended)

Yours truly,

ERAMOSA ENGINEERING INC., A CIMA+ COMPANY



Pete Samson, P.Eng
Director, Smart Automation

PJS:pjs