

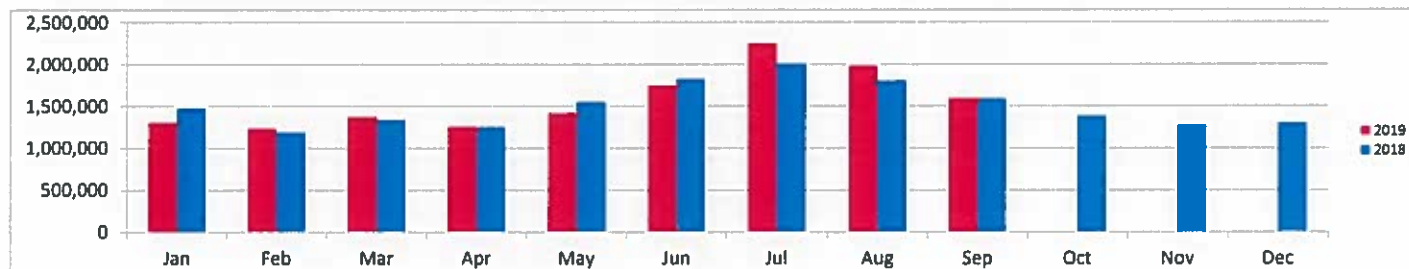
LAWSS Flow Summary

Draft

Total Flows as of Sep 2019

Total % Total
Year To Date for:
Jan - Sep

LAWSS Member		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Sarnia	2019	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	1,232,482	958,219	0	0	0	8,325,294	59.23
	2018	847,619	716,829	792,231	722,416	903,800	1,090,866	1,140,761	992,451	914,117	808,898	717,749	743,262	10,390,999	58.34
Point Edward	2019	27,627	25,262	28,086	27,709	32,081	38,498	50,463	53,100	36,311	0	0	0	319,138	2.27
	2018	29,104	24,457	27,752	27,203	39,328	47,078	54,106	49,612	41,322	34,228	26,687	26,579	427,456	2.40
St. Clair	2019	407,497	389,310	437,481	329,430	376,717	607,849	669,638	489,505	432,613	0	0	0	4,140,041	29.45
	2018	420,890	328,358	381,560	356,736	416,692	475,796	604,876	568,576	499,609	420,941	409,299	420,293	5,303,627	29.78
Plympton/Wyoming	2019	60,624	55,794	61,245	63,800	73,513	86,825	126,745	108,289	79,740	0	0	0	716,574	5.10
	2018	63,990	52,511	56,621	60,990	83,851	102,062	116,025	89,396	74,865	66,964	58,463	61,040	886,779	4.98
Lambton Shores	2019	12,193	15,213	12,491	14,747	28,233	32,872	43,978	43,586	42,789	0	0	0	246,102	1.75
	2018	37,681	23,324	25,198	31,014	30,618	34,312	39,802	63,896	14,903	16,800	14,901	12,241	344,689	1.94
Watford/Warwick	2019	29,976	28,550	30,013	31,163	35,804	35,885	41,573	41,590	34,374	0	0	0	308,930	2.20
	2018	39,195	35,905	39,130	37,248	45,667	46,959	46,842	37,035	37,798	32,988	30,508	29,142	458,416	2.57
														2019	14056078
Others														2018	17811967
Alvinston	2019	7,072	6,668	10,291	12,120	16,322	18,398	15,460	11,028	8,694	0	0	0	106,053	0.75
	2018	10,209	6,415	7,160	7,177	7,951	7,484	7,326	5,996	6,317	6,411	6,293	7,174	85,913	0.48
Petrolia	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	2018	25,392	2,810	10,788	4,496	0	24,533	0	0	0	0	0	0	68,019	0.38
Chatham-Kent	2019	0	1,071	0	778	129	0	0	0	0	0	0	0	1,978	0.01
	2018	0	0	0	0	20,782	0	0	0	0	0	0	0	20,782	0.12
Totals	2019	1,308,530	1,231,940	1,373,440	1,252,550	1,422,160	1,748,330	2,254,838	1,979,580	1,592,740	0	0	0	14,164,109	
	2018	1,474,080	1,190,611	1,340,440	1,247,280	1,548,690	1,829,090	2,009,738	1,806,962	1,588,930	1,387,230	1,263,900	1,299,730	17,986,681	



Note:

Work Sheet Revision Date: 07-Jan-2019

Current Year 2019
Last month entered Sep

Year to Date
Total

LAWSS Members	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Sep
City of Sarnia:	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	1,232,482	958,219	0	0	0	8,325,294
Point Edward:	27,627	25,262	28,086	27,709	32,081	38,498	50,463	53,100	36,311	0	0	0	319,138
St. Clair Township:	407,497	389,310	437,481	329,430	376,717	607,849	669,638	489,505	432,613	0	0	0	4,140,041
Plympton/Wyoming:	60,624	55,794	61,245	63,800	73,513	86,825	126,745	108,289	79,740	0	0	0	716,574
Lambton Shores:	12,193	15,213	12,491	14,747	28,233	32,872	43,978	43,586	42,789	0	0	0	246,102
Watford/Warwick:	29,976	28,550	30,013	31,163	35,804	35,885	41,573	41,590	34,374	0	0	0	308,930
	1,301,458	1,224,201	1,363,150	1,239,652	1,405,708	1,729,932	2,239,379	1,968,552	1,584,046	0	0	0	14,056,078
Others													
Town of Alvinston:	7,072	6,668	10,291	12,120	16,322	18,398	15,460	11,028	8,694	0	0	0	106,053
Town of Petrolia:	0	0	0	0	0	0	0	0	0	0	0	0	0
Chatham-Kent:	0	1,071	0	778	129	0	0	0	0	0	0	0	1,978
	1,308,530	1,231,940	1,373,440	1,252,550	1,422,160	1,748,330	2,254,838	1,979,580	1,592,740	0	0	0	
	1,308,530	1,231,940	1,373,440	1,252,550	1,422,160	1,748,330	2,254,838	1,979,580	1,592,740	0	0	0	14,164,109

Last Years Data 2018

LAWSS Members													
City of Sarnia:	847,619	716,829	792,231	722,416	903,800	1,090,866	1,140,761	992,451	914,117	808,898	717,749	743,262	10,390,999
Point Edward:	29,104	24,457	27,752	27,203	39,328	47,078	54,106	49,612	41,322	34,228	26,687	26,579	427,456
St. Clair Township:	420,890	328,358	381,560	356,736	416,692	475,796	604,876	568,576	499,609	420,941	409,299	420,293	5,303,627
Plympton/Wyoming:	63,990	52,511	56,621	60,990	83,851	102,062	116,025	89,396	74,865	66,964	58,463	61,040	886,779
Lambton Shores:	37,681	23,324	25,198	31,014	30,618	34,312	39,802	63,896	14,903	16,800	14,901	12,241	344,689
Watford/Warwick:	39,195	35,905	39,130	37,248	45,667	46,959	46,842	37,035	37,798	32,988	30,508	29,142	458,416
	1,438,479	1,181,386	1,322,492	1,235,607	1,519,957	1,797,073	2,002,412	1,800,966	1,582,613	1,380,819	1,257,607	1,292,556	17,811,967
Others													
Town of Alvinston:	10,209	6,415	7,160	7,177	7,951	7,484	7,326	5,996	6,317	6,411	6,293	7,174	85,913
Town of Petrolia:	25,392	2,810	10,788	4,496	0	24,533	0	0	0	0	0	0	68,019
Chatham-Kent:	0	0	0	0	20,782	0	0	0	0	0	0	0	20,782
	1,474,080	1,190,611	1,340,440	1,247,280	1,548,690	1,829,090	2,009,738	1,806,962	1,588,930	1,387,230	1,263,900	1,299,730	
	1,474,080	1,190,611	1,340,440	1,247,280	1,548,690	1,829,090	2,009,738	1,806,962	1,588,930	1,387,230	1,263,900	1,299,730	17,986,681

Work Sheet Revision Date: 07-Jan-2019

LAWSS Water used by the

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone: (519) 344-7429

Fax: (519) 344-4337

City of Sarnia

For the Month of: September 2019

Meter num	Meter Location	Read date 30-Sep-19	Last Read date 31-Aug-19	Difference	Calibration Adjustments As Found	As Left	X	Flow
15	HighL High Net Flow Totalizer	1,928,466.1	1,928,466.1	0			1	0
13	HighL Low Net Flow Totalizer	187,430,960.0	185,838,220.0	1,592,740			1	1,592,740

Entering Sarnia: 1,592,740

Members Monthly % Used

Leaving Sarnia to LAWSS Members:

Village of Point Edward - Grand Total:	36,311	2.3
St. Clair Township - Grand Total:	432,613	27.3
Plympton/Wyoming - Grand Total:	79,740	5.0
Lambton Shores - Grand Total:	42,789	2.7
Village of Watford/Township of Warwick - Grand Total:	34,374	2.2

Leaving Sarnia to Others:

Town of Alvinston - Grand Total:	8,694
Town of Petrolia - Grand Total:	0
Chatham-Kent Area Water - Grand Total:	0

Metered Consumption: 958,219**Adjustments:****Reason for Adjustment:****City of Sarnia - Total Consumption:** 958,219

Leakage rate adjustment 0% 0

City of Sarnia - Grand Total: 958,219 60.5**Overall Grand Total:** 1,592,740 100.0.....
Dave Hunt (Operations Manager)

LAWSS Water used by the

Village of Point Edward

For the Month of: September 2019

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone:(519)344-7429

Fax: (519)344-4337

Meter num	Meter Location	Read date	Last Read date	Calibration Adjustments		X	Flow	%
		30-Sep-19	31-Aug-19	Difference	As Found	As Left		
CH01	Venetian Vill (Mag)	446,953.0	435,769.0	11,184			11,184	32.0
CH02	Ven & Exmouth (Mag)	40,268.4	39,734.9	534			534	1.5
CH03	Michigan & Monk (Mag)	1,008,574.6	986,722.4	21,852			21,852	62.6
CH04	Michigan & Front (Mag)	130,825.8	129,481.0	1,345			1,345	3.9

Reason for Adjustment:

Metered Consumption: 34,915 100.0
Adjustments:

Village of Point Edward - Total Consumption: 34,915
Leakage rate adjustment 4% 1,397
Village of Point Edward - Grand Total: 36,311



Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone: (519) 344-7429

Fax: (519) 344-4337

St. Clair TownshipFor the Month of: **September 2019**

Meter num	Meter Location	Read date 30-Sep-19	Last Read date 31-Aug-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
WL-O	WL High Net Flow - West Lambton	37,018,524.0	36,598,952.0	419,572			1	419,572	100.9
3100	Plank Road (3/4)	0	3,325	-3,325			1	-3,325	-0.8
Back to Sarnia									
1100	LaSalle & Parkway	8,441	8,220	221			1	221	0.1
1090	LaSalle & Tashmoo	4,088	4,036	52			1	52	0.0
Entering St. Clair Township:								416,247	100.1
Leaving St. Clair Township									
Back to Sarnia:								273	0.1
Chatham-Kent Area Water - Total Consumption:								0	
Metered Consumption:								415,974	100.0
Adjustments:									

Reason for Adjustment:

St. Clair Township - Total Consumption: 415,974

Leakage rate adjustment 4% 16,639

St. Clair Township - Grand Total: 432,613



Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone:(519)344-7429

Fax: (519)344-4337

Township of Plympton / Village of Wyoming

For the Month of: September 2019

Meter num	Meter Location	Read date 30-Sep-19	Last Read date 31-Aug-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
Entering Plympton									
5001	Ch05 Low Net Flow - Maundaumin	57,809.0	57,809.0	0			1	0	
5002	Ch05 High Net Flow - Maundaumin	17,736,684.0	17,577,122.0	159,562			1	159,562	
Village of Wyoming									
8001	Wyoming	432,670	432,670	0			1	0	
8002	Wyoming	6,518	5,439	1,079			10	10,790	
Back to Sarnia									
1005	Brights Grove (Sarnia)	610	610	0			0.1	0	
1006	Brights Grove (Sarnia)	81,540	81,540	0			10	0	

Entering Plympton: 159,562**Leaving Plympton**

Village of Wyoming: 10,790

Back to Sarnia: 0

Lambton Shores - Total Consumption: 41,143

Watford/Warwick - Total Consumption: 33,052

Town of Alvinston - Total Consumption: 8,694

Town of Petrolia - Total Consumption: 0

Metered Consumption For Plympton: 65,883

Village of Wyoming: 10,790

Adjustments:**Reason for Adjustment:****Plympton/Wyoming - Total Consumption:** 76,673

Leakage rate adjustment 4% 3,067

Plympton/Wyoming - Grand Total: 79,740

Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Shores

For the Month of: September 2019

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone:(519)344-7429

Fax: (519)344-4337

Meter num	Meter Location	Read date 30-Sep-19	Last Read date 31-Aug-19	Difference	Calibration Adjustments		X	Flow	%
7003	Ch07 High Net Flow - Townsend	3,523,052.2	3,483,863.2	39,189	As Found	As Left	1	39,189	
7004	Ch07 Low Net Flow - Townsend	243,943.5	241,989.5	1,954			1	1,954	

Reason for Adjustment:

Metered Consumption: 41,143
Adjustments:

Lambton Shores - Total Consumption: 41,143
Leakage rate adjustment 4% 1,646
Lambton Shores - Grand Total: 42,789



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Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone:(519)344-7429

Fax: (519)344-4337

Village of Watford/Township of Warwick

For the Month of: September 2019

Meter num	Meter Location	Read date 30-Sep-19	Last Read date 31-Aug-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
Entering Watford/Warwick									
9001	Ch10 High Net Flow - London Line	6,535,558.0	6,487,555.5	48,003			1	48,003	
9002	Ch10 Low Net Flow - London Line	620,230.5	616,288.8	3,942			1	3,942	
9003	Ch11 High Net Flow - Confederation	1,099,103.4	1,088,674.8	10,429			1	10,429	
9004	Ch11 Low Net Flow - Confederation	60,849.1	62,022.7	-1,174			1	-1,174	
Leaving Watford/Warwick									
5013	Ch09 High Net Flow - Egremont	2,646,773.0	2,627,320.2	19,453			1	19,453	
AF	Alvin High Net Flow Totalizer	1,504,781.6	1,496,087.6	8,694			1	8,694	

Entering Watford/Warwick: 61,199Leaving Watford/Warwick: 28,147Metered Consumption: 33,052

Reason for Adjustment:

Adjustments:

Watford/Warwick - Total Consumption: 33,052

Leakage rate adjustment 4% 1,322

Village of Watford/Township of Warwick - Grand Total: 34,374-----
Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone:(519)344-7429

Fax: (519)344-4337

Town of Alvinston

For the Month of: September 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	X	Flow	%
AF	Alvin High Net Flow Totalizer	30-Sep-19	31-Aug-19	8,694	As Found	As Left	1	8,694

Metered Consumption: 8,694

Reason for Adjustment:

Adjustments:

Town of Alvinston - Total Consumption: 8,694

Leakage rate adjustment 0% 0

Town of Alvinston - Grand Total: 8,694



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Dave Hunt (Operations Manager)

LAWSS Water used by the

Town of Petrolia

For the Month of: September 2019

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone:(519)344-7429

Fax: (519)344-4337

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	X	Flow	%
PF	Petrolia Flows	30-Sep-19	31-Aug-19	133,549	133,549	0		
							1	0

Metered Consumption: 0

Reason for Adjustment:

Adjustments:

Town of Petrolia - Total Consumption: 0

Leakage rate adjustment 0% 0

Town of Petrolia - Grand Total: 0



Dave Hunt (Operations Manager)

LAWSS Water used by the

Chatham-Kent Area Water

For the Month of: September 2019

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

Phone: (519) 344-7429

Fax: (519) 344-4337

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	X	Flow	%
CKF	Chatham-Kent Flows	30-Sep-19	31-Aug-19		As Found	As Left		
		907	907	0			1	0

Metered Consumption: 0

Reason for Adjustment:

Adjustments:

Chatham-Kent Area Water - Total Consumption: 0

Leakage rate adjustment 0% 0

Chatham-Kent Area Water - Grand Total: 0



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Dave Hunt (Operations Manager)