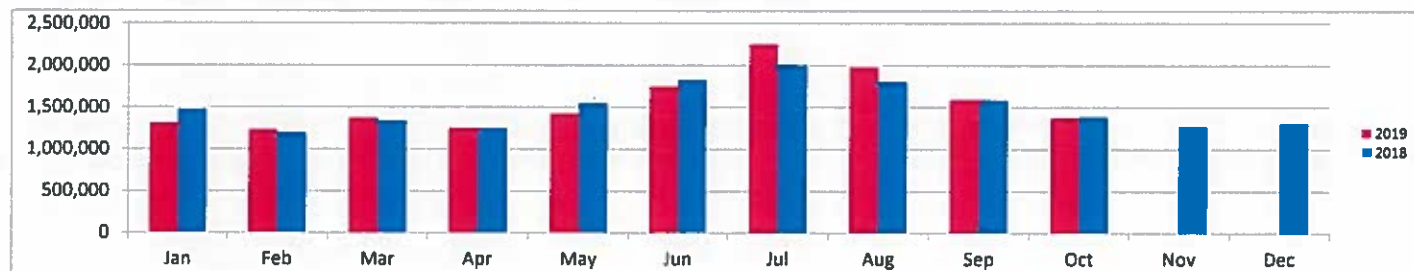


# LAWSS Flow Summary

LAWSS Flow Summary										Draft				Total	% Total
Total Flows as of Oct 2019														Year To Date for:	
LAWSS Member		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Oct	
Sarnia	2019	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	1,232,482	954,642	843,767	0	0	9,165,482	59.42
	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	31,273	0	0	350,411	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	436,191	363,446	0	0	4,507,065	29.22
	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	69,076	0	0	785,650	5.09
	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	28,509	0	0	274,611	1.78
	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	33,837	0	0	342,767	2.22
	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	15425985	
Others													2018	17811967	
Alvinston	2019	7,072	6,668	10,291	12,120	16,322	18,398	15,460	11,028	8,694	9,193	0	0	115,245	0.74
	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	1,379,100	0	0	15,543,209	
	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 Oct**

													<b>Year to Date Total</b>
<b>LAWSS Members</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan - Oct</b>
City of Samial:	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	1,232,482	954,642	843,767	0	0	9,165,482
Point Edward:	27,627	25,262	28,086	27,709	32,081	38,498	50,463	53,100	36,311	31,273	0	0	350,411
St. Clair Township:	407,497	389,310	437,481	329,430	376,717	607,849	669,638	489,505	436,191	363,446	0	0	4,507,065
Plympton/Wyoming:	60,624	55,794	61,245	63,800	73,513	86,825	126,745	108,289	79,740	69,076	0	0	785,850
Lambton Shores:	12,193	15,213	12,491	14,747	28,233	32,872	43,978	43,586	42,789	28,509	0	0	274,611
Watford/Warwick:	29,976	28,550	30,013	31,163	35,804	35,885	41,573	41,590	34,374	33,837	0	0	342,767
	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	1,369,907	0	0	15,425,985
<b>Others</b>													
Town of Alvinston:	7,072	6,668	10,291	12,120	16,322	18,398	15,460	11,028	8,694	9,193	0	0	115,245
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	1,379,100	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	1,379,100	0	0	15,543,209

**Last Years Data 2018**

<b>LAWSS Members</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan - Oct</b>
City of Samial:	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
<b>Others</b>													
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: **October 2019**

Meter num	Meter Location	Read date 31-Oct-19	Last Read date 30-Sep-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	188,810,060.0	187,430,960.0	1,379,100			1	1,379,100

**Entering Sarnia:** 1,379,100

Members Monthly % Used

**Leaving Sarnia to LAWSS Members:**

Village of Point Edward - Grand Total:	31,273	2.3
St. Clair Township - Grand Total:	363,446	26.5
Plympton/Wyoming - Grand Total:	69,076	5.0
Lambton Shores - Grand Total:	28,509	2.1
Village of Watford/Township of Warwick - Grand Total:	33,837	2.5

**Leaving Sarnia to Others:**

Town of Alvinston - Grand Total:	9,193
Town of Petrolia - Grand Total:	0
Chatham-Kent Area Water - Grand Total:	0

**Metered Consumption:** 843,767**Adjustments:****Reason for Adjustment:****City of Sarnia - Total Consumption:** 843,767

Leakage rate adjustment 0% 0

**City of Sarnia - Grand Total:** 843,767 61.6**Overall Grand Total:** 1,379,100 100.0**Dave Hunt (Operations Manager)**

LAWSS Water used by the

## Village of Point Edward

For the Month of: October 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 31-Oct-19	Last Read date 30-Sep-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
CH01	Venetian Vill (Mag)	456,198.5	446,953.0	9,246			1	9,246	30.7
CH02	Ven & Exmouth (Mag)	40,888.9	40,268.4	621			1	621	2.1
CH03	Michigan & Monk (Mag)	1,027,016.8	1,008,574.6	18,442			1	18,442	61.3
CH04	Michigan & Front (Mag)	132,587.9	130,825.8	1,762			1	1,762	5.9

Metered Consumption: 30,070 100.0

Adjustments:

Reason for Adjustment:

Village of Point Edward - Total Consumption: 30,070

Leakage rate adjustment 4% 1,203

Village of Point Edward - Grand Total: 31,273



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Dave Hunt (Operations Manager)

LAWSS Water used by the

**St. Clair Township**For the Month of: **October 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 31-Oct-19	Last Read date 30-Sep-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
WL-O	WL High Net Flow - West Lambton	37,369,268.0	37,018,524.0	350,744			1	350,744	100.4
3100	Plank Road (3/4)	3,480	3,440	40			1	40	0.0
<b>Back to Sarnia</b>									
1100	LaSalle & Parkway	8,911	8,441	470			1	470	0.1
1090	LaSalle & Tashmoo	4,935	4,088	847			1	847	0.2

<b>Entering St. Clair Township:</b>	350,784	100.4
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<b>Leaving St. Clair Township</b>		
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Back to Sarnia:	1,317	0.4
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Chatham-Kent Area Water - Total Consumption:	0	
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<b>Metered Consumption:</b>	349,467	100.0
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<b>Adjustments:</b>		
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Reason for Adjustment:

<b>St. Clair Township - Total Consumption:</b>	349,467
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<b>Leakage rate adjustment 4%</b>	13,979
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<b>St. Clair Township - Grand Total:</b>	363,446
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**Dave Hunt (Operations Manager)**

**Township of Plympton / Village of Wyoming**For the Month of: **October 2019**

Meter num	Meter Location	Read date 31-Oct-19	Last Read date 30-Sep-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
<b>Entering Plympton</b>									
5001	Ch05 Low Net Flow - Maundaumin	57,809.0	57,809.0	0			1	0	
5002	Ch05 High Net Flow - Maundaumin	17,872,244.0	17,736,684.0	135,560			1	135,560	
<b>Village of Wyoming</b>									
8001	Wyoming	432,670	432,670	0			1	0	
8002	Wyoming	7,544	6,518	1,026			10	10,260	
<b>Back to Sarnia</b>									
1005	Brights Grove (Sarnia)	610	610	0			0.1	0	
1006	Brights Grove (Sarnia)	81,540	81,540	0			10	0	

**Entering Plympton:** 135,560**Leaving Plympton**

Village of Wyoming: 10,260

Back to Sarnia: 0

Lambton Shores - Total Consumption: 27,412

Watford/Warwick - Total Consumption: 32,536

Town of Alvinston - Total Consumption: 9,193

Town of Petrolia - Total Consumption: 0

**Metered Consumption For Plympton:** 56,159

Village of Wyoming: 10,260

**Adjustments:****Reason for Adjustment:****Plympton/Wyoming - Total Consumption:** 66,419

Leakage rate adjustment 4% 2,657

**Plympton/Wyoming - Grand Total:** 69,076**Dave Hunt (Operations Manager)**

LAWSS Water used by the

## Lambton Shores

For the Month of: October 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 31-Oct-19	Last Read date 30-Sep-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
7003	Ch07 High Net Flow - Townsend	3,549,156.2	3,523,052.2	26,104			1	26,104	
7004	Ch07 Low Net Flow - Townsend	245,251.7	243,943.5	1,308			1	1,308	

**Metered Consumption:** 27,412

Reason for Adjustment:

Adjustments:

**Lambton Shores - Total Consumption:** 27,412

**Leakage rate adjustment 4%** 1,096

**Lambton Shores - Grand Total:** 28,509



.....  
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: **October 2019**

Meter num	Meter Location	Read date 31-Oct-19	Last Read date 30-Sep-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
<b>Entering Watford/Warwick</b>									
9001	Ch10 High Net Flow - London Line	6,584,099.0	6,535,558.0	48,541			1	48,541	
9002	Ch10 Low Net Flow - London Line	624,222.5	620,230.5	3,992			1	3,992	
9003	Ch11 High Net Flow - Confederation	1,109,864.8	1,099,103.4	10,761			1	10,761	
9004	Ch11 Low Net Flow - Confederation	59,507.8	60,849.1	-1,341			1	-1,341	
<b>Leaving Watford/Warwick</b>									
5013	Ch09 High Net Flow - Egremont	2,666,997.8	2,646,773.0	20,225			1	20,225	
AF	Alvin High Net Flow Totalizer	1,513,974.2	1,504,781.6	9,193			1	9,193	

Entering Watford/Warwick: 61,953Leaving Watford/Warwick: 29,417Metered Consumption: 32,536

Reason for Adjustment:

Adjustments:

Watford/Warwick - Total Consumption: 32,536

Leakage rate adjustment 4% 1,301

Village of Watford/Township of Warwick - Grand Total: 33,837.....  
Dave Hunt (Operations Manager)



LAWSS Water used by the

## Town of Alvinston

For the Month of: October 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	%
AF	Alvin High Net Flow Totalizer	31-Oct-19	30-Sep-19	9,193	As Found	As Left	1	9,193

Metered Consumption: 9,193

Reason for Adjustment:

Adjustments:

Town of Alvinston - Total Consumption: 9,193

Leakage rate adjustment 0% 0

Town of Alvinston - Grand Total: 9,193



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Dave Hunt (Operations Manager)

LAWSS Water used by the

## Town of Petrolia

For the Month of: October 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	31-Oct-19	30-Sep-19		As Found	As Left		
		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



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Dave Hunt (Operations Manager)

LAWSS Water used by the

## Chatham-Kent Area Water

For the Month of: October 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	31-Oct-19	30-Sep-19	907	907	0		
					As Found	As Left		

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)