

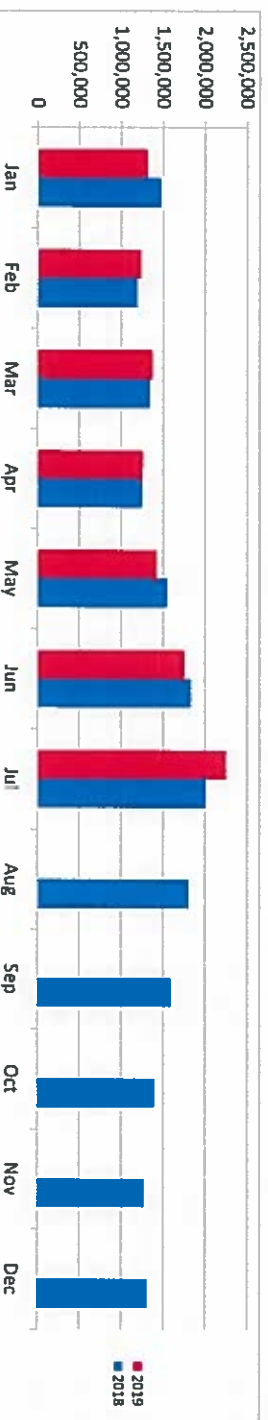
LAWSS Flow Summary

Total Flows as of Jul 2019

Draft

Total % Total
Year To Date for:
Jan - Jul

LAWSS Member	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	% Total
Sarnia	2019 763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	0	0	0	0	0	6,134,592	58.41
	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	0	0	0	0	0	229,727	2.19
	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	0	0	0	0	0	3,217,923	30.64
	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	0	0	0	0	0	528,545	5.03
	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	0	0	0	0	0	159,727	1.52
	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	0	0	0	0	0	232,965	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
Others													2019 10503480	
													2018 17811967	
Alvinston	2019 7,072	6,668	10,291	12,120	16,322	18,398	15,460	0	0	0	0	0	86,331	0.82
	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	0.02
	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	0	0	0	0	0	10,591,789	
	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 Jul

Year to Date
Total

LAWSS Members	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Jul
City of Samial:	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	0	0	0	0	0	6,134,592
Point Edward:	27,627	25,262	28,086	27,709	32,081	38,498	50,463	0	0	0	0	0	229,727
St. Clair Township:	407,497	389,310	437,481	329,430	376,717	607,849	669,638	0	0	0	0	0	3,217,923
Plympton/Wyoming:	60,624	55,794	61,245	63,800	73,513	86,825	126,745	0	0	0	0	0	528,545
Lambton Shores:	12,193	15,213	12,491	14,747	28,233	32,872	43,978	0	0	0	0	0	159,727
Walford/Warwick:	29,976	28,550	30,013	31,163	35,804	35,885	41,573	0	0	0	0	0	232,965
Others	1,301,458	1,224,201	1,363,150	1,239,652	1,405,708	1,729,932	2,239,379	0	0	0	0	0	10,503,480
Town of Alvinston:	7,072	6,668	10,291	12,120	16,322	18,398	15,460	0	0	0	0	0	86,331
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	0	0	0	0	0	10,591,789
	1,308,530	1,231,940	1,373,440	1,252,550	1,422,160	1,748,330	2,254,838	0	0	0	0	0	10,591,789

Last Years Data 2018

LAWSS Members

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
Walford/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
Others	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
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	17,986,681
	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: July 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	As Found	As Left	X	Flow
15	High High Net Flow Totalizer	31-Jul-19	30-Jun-19	1,928,466.1	252,818			1	252,818
13	High Low Net Flow Totalizer			183,858,640.0	2,002,020			1	2,002,020

Entering Sarnia: 2,254,838

Members Monthly % Used

Leaving Sarnia to LAWSS Members:

Village of Point Edward - Grand Total:	50,463	2.3
St. Clair Township - Grand Total:	669,638	29.9
Plympton/Wyoming - Grand Total:	126,745	5.7
Lambton Shores - Grand Total:	43,978	2.0
Village of Watford/Township of Warwick - Grand Total:	41,573	1.9

Leaving Sarnia to Others:

Town of Alvinston - Grand Total:	15,460
Town of Petrolia - Grand Total:	0
Chatham-Kent Area Water - Grand Total:	0
Metered Consumption:	1,306,982

Adjustments:

Reason for Adjustment:

City of Sarnia - Total Consumption:	1,306,982	
Leakage rate adjustment	0%	0
City of Sarnia - Grand Total:	1,306,982	58.4
Overall Grand Total:	2,254,838	100.0

Dave Hunt

Dave Hunt (Operations Manager)

LAWSS Water used by the

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Village of Point Edward

For the Month of: July 2019

Meter num	Meter Location	Read date 31-Jul-19	Last Read date 30-Jun-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
CH01	Venetian Vill (Mag)	420,323.4	408,663.2	11,660			1	11,660	24.0
CH02	Ven & Exmouth (Mag)	39,308.7	39,053.0	256			1	256	0.5
CH03	Michigan & Monk (Mag)	954,270.8	918,983.7	35,287	929,194	929,253	1	35,229	72.6
CH04	Michigan & Front (Mag)	126,746.7	125,388.4	1,358			1	1,358	2.8

Reason for Adjustment:

E&H retested Meter Flow estimate

Metered Consumption: 48,503 100.0

Adjustments:

19 0.0

Village of Point Edward - Total Consumption: 48,522

Leakage rate adjustment 4% 1,941

Village of Point Edward - Grand Total: 50,463

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St. Clair Township

For the Month of: July 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	As Found	As Left	X	Flow	%
WL-O 3100	WL High Net Flow - West Lambton Plank Road (3/4)	31-Jul-19	30-Jun-19	36,128,336.0	35,486,008.0	642,328	1,630	1	642,328	99.8
		3,120	1,490					1	1,630	0.3
Back to Sarnia										
1100	LaSalle & Parkway	8,079	8,009	70				1	70	0.0
1090	LaSalle & Tashmoo	4,034	4,029	5				1	5	0.0

Reason for Adjustment:

Note: Nova is taking a lot of water

Total potable water used from LAWSS/St Clair Township = 303,370.417 m3

Entering St. Clair Township: 643,958 100.0

Leaving St. Clair Township

Back to Sarnia: 75 0.0

Chatham-Kent Area Water - Total Consumption: 0

Metered Consumption: 643,883 100.0

Adjustments:

St. Clair Township - Total Consumption: 643,883

Leakage rate adjustment 4% 25,755

St. Clair Township - Grand Total: 669,638

Dave Hunt

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Township of Plympton / Village of Wyoming

For the Month of: July 2019

Meter num	Meter Location	Read date 31-Jul-19	Last Read date 30-Jun-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
5001	Entering Plympton								
5002	Ch05 Low Net Flow - Maundaumin	57,809.0	57,809.0	0			1	0	
	Ch05 High Net Flow - Maundaumin	17,380,070.0	17,160,480.0	219,590			1	219,590	
	Village of Wyoming								
8001	Wyoming	432,670	432,670	0			1	0	
8002	Wyoming	4,015	2,112	1,903			10	19,030	
	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:							219,590	
	Leaving Plympton								
	Village of Wyoming:							19,030	
	Back to Sarnia:							0	
	Lambton Shores - Total Consumption:							42,286	
	Watford/Warwick - Total Consumption:							39,974	
	Town of Alvinston - Total Consumption:							15,460	
	Town of Petrolia - Total Consumption:							0	
	Metered Consumption For Plympton:							102,840	
	Village of Wyoming:							19,030	
	Adjustments:								

Reason for Adjustment:

Plympton/Wyoming - Total Consumption: 121,870

Leakage rate adjustment 4% 4,875

Plympton/Wyoming - Grand Total: 126,745

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Lambton Shores

For the Month of: July 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments			X	Flow	%
		31-Jul-19	30-Jun-19		As Found	As Left				
7003	Ch07 High Net Flow - Townsend	3,443,913.0	3,403,563.5	40,350				1	40,350	
7004	Ch07 Low Net Flow - Townsend	240,030.1	238,093.5	1,937				1	1,937	

Metered Consumption: 42,286

Adjustments:

Lambton Shores - Total Consumption:	42,286
Leakage rate adjustment 4%	1,691
<u>Lambton Shores - Grand Total:</u>	<u>43,978</u>

Dave Hunt

Dave Hunt (Operations Manager)

Reason for Adjustment:

LAWSS Water used by the

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Village of Watford/Township of Warwick

For the Month of: July 2019

Meter num	Meter Location	Read date 31-Jul-19	Last Read date 30-Jun-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
Entering Watford/Warwick									
9001	Ch10 High Net Flow - London Line	6,430,686.0	6,369,309.0	61,377			1	61,377	
9002	Ch10 Low Net Flow - London Line	611,618.4	606,522.0	5,096			1	5,096	
9003	Ch11 High Net Flow - Confederation	1,079,829.2	1,073,336.2	6,493			1	6,493	
9004	Ch11 Low Net Flow - Confederation	60,725.4	56,702.5	4,023			1	4,023	
Leaving Watford/Warwick									
5013	Ch09 High Net Flow - Egremont	2,606,655.8	2,585,100.2	21,556			1	21,556	
AF	Alvin High Net Flow Totalizer	1,485,059.6	1,469,600.1	15,460			1	15,460	

Reason for Adjustment:

Entering Watford/Warwick:	76,989
Leaving Watford/Warwick:	37,015
Metered Consumption:	39,974
Adjustments:	

Dave Hunt (Operations Manager)

Dave Hunt

Watford/Warwick - Total Consumption:	39,974
Leakage rate adjustment 4%	1,599
Village of Watford/Township of Warwick - Grand Total:	41,573

LAWSS Water used by the

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Town of Alvinston

For the Month of: July 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	As Found	As Left	X	Flow	%
AF	Alvin High Net Flow Totalizer	31-Jul-19	30-Jun-19	15,460				1	15,460	

Reason for Adjustment:

Metered Consumption: 15,460
Adjustments:

Town of Alvinston - Total Consumption: 15,460
Leakage rate adjustment 0%
Town of Alvinston - Grand Total: 15,460

Dave Hunt

Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

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Fax: (519)344-4337

Town of Petrolia

For the Month of: July 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	As Found	As left	X	Flow	%
PF	Petrolia Flows	31-Jul-19	30-Jun-19	133,549	133,549	0		1	0	

Reason for Adjustment:

Metered Consumption: 0
Adjustments:

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

Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

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Chatham-Kent Area Water

For the Month of: July 2019

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

Reason for Adjustment:

Metered Consumption: 0

Adjustments:

Chatham-Kent Area Water - Total Consumption: 0

Leakage rate adjustment 0% 0

Chatham-Kent Area Water - Grand Total: 0

Dave Hunt

Dave Hunt (Operations Manager)