

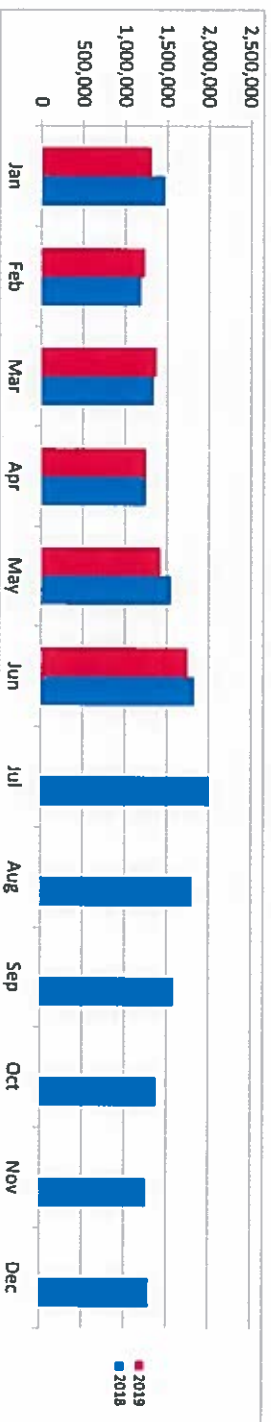
LAWSS Flow Summary

Total Flows as of Jun 2019

Draft

Total % Total
Year To Date for:
Jan - Jun

LAWSS Member	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Sarria	763,540	710,071	793,833	772,802	859,360	928,004	0	0	0	0	0	0	4,827,611
Point Edward	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
St. Clair	27,627	25,262	28,086	27,709	32,081	38,498	0	0	0	0	0	0	179,264
Plympton/Wyoming	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
Lambton Shores	407,497	389,310	437,481	329,430	376,717	607,849	0	0	0	0	0	0	2,548,285
Watford/Warwick	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
Others	60,624	55,794	61,245	63,800	73,513	86,825	0	0	0	0	0	0	401,800
Alvinston	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
Petrolia	12,193	15,213	12,491	14,747	28,233	32,872	0	0	0	0	0	0	115,750
Chatham-Kent	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
Totals	29,976	28,550	30,013	31,163	35,804	35,885	0	0	0	0	0	0	191,392
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
2019	7,072	6,668	10,291	12,120	16,322	18,398	0	0	0	0	0	0	826,410
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	178,196
2019	0	0	0	0	0	0	0	0	0	0	0	0	70,871
2018	25,392	2,810	10,788	4,496	0	24,533	0	0	0	0	0	0	85,913
2019	0	1,071	0	778	129	0	0	0	0	0	0	0	68,019
2018	0	0	0	0	20,782	0	0	0	0	0	0	0	1,978
2019	1,308,530	1,231,940	1,373,440	1,252,550	1,422,160	1,748,330	0	0	0	0	0	0	20,782
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	8,336,950
2019	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 Jun

Year to Date

LAWSS Members	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Jun Total
City of Samlial:	763,540	710,071	793,833	772,802	859,360	928,004	0	0	0	0	0	0	4,827,611
Point Edward:	27,627	25,262	28,086	27,709	32,081	38,498	0	0	0	0	0	0	179,264
St. Clair Township:	407,497	389,310	437,481	329,430	376,717	607,849	0	0	0	0	0	0	2,548,285
Plympton/Wyoming:	60,624	55,794	61,245	63,800	73,513	86,825	0	0	0	0	0	0	401,800
Lambton Shores:	12,193	15,213	12,491	14,747	28,233	32,872	0	0	0	0	0	0	115,750
Wainford/Warwick:	29,976	28,550	30,013	31,163	35,804	35,885	0	0	0	0	0	0	191,392
Others	1,301,458	1,224,201	1,363,150	1,239,652	1,405,708	1,729,932	0	0	0	0	0	0	8,264,101
Town of Alvinston:	7,072	6,668	10,291	12,120	16,322	18,398	0	0	0	0	0	0	70,871
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	0	0	0	0	0	0	8,336,950
	1,308,530	1,231,940	1,373,440	1,252,550	1,422,160	1,748,330	0	0	0	0	0	0	8,336,950

Last Years Data 2018

LAWSS Members

City of Samlial:	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
Wainford/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

City of Sarnia

Phone: (519) 344-7429

For the Month of: June 2019

Fax: (519) 344-4337

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	X	Flow
		30-Jun-19	31-May-19		As Found	As Left	
15	High/Low Net Flow Totalizer	1,675,647.8	1,675,647.8	0			1 0
13	High/Low Net Flow Totalizer	181,856,620.0	180,108,290.0	1,748,330			1 1,748,330

Entering Sarnia: 1,748,330

Members Monthly % Used

Reason for Adjustment:

Leaving Sarnia to LAWSS Members:			
Village of Point Edward - Grand Total:	38,498	2.2	
St. Clair Township - Grand Total:	607,849	35.1	
Plympton/Wyoming - Grand Total:	86,825	5.0	
Lambton Shores - Grand Total:	32,872	1.9	
Village of Watford/Township of Warwick - Grand Total:	35,885	2.1	

Leaving Sarnia to Others:			
Town of Alvinston - Grand Total:	18,398		
Town of Petroliia - Grand Total:	0		
Chatham-Kent Area Water - Grand Total:	0		
Metered Consumption:	928,004		
Adjustments:			

City of Sarnia - Total Consumption:	928,004		
Leakage rate adjustment	0%		
City of Sarnia - Grand Total:	928,004	53.6	
Overall Grand Total:	1,748,330	100.0	

Dave Hunt

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 Point Edward

For the Month of: June 2019

Meter num	Meter Location	Read date 30-Jun-19	Last Read date 31-May-19	Difference	Calibration Adjustments			X	Flow	%
					As Found	As Left				
CH01	Venetian Vill (Mag)	408,663.2	400,121.8	8,541	407,484	407,493	1	8,533	23.1	
CH02	Ven & Exmouth (Mag)	39,053.0	38,523.4	530	38,979	39,016	1	493	1.3	
CH03	Michigan & Monk (Mag)	918,983.7	892,607.3	26,376	914,502	914,629	1	26,250	70.9	
CH04	Michigan & Front (Mag)	125,388.4	123,822.4	1,566	125,251	125,255	1	1,562	4.2	

Reason for Adjustment:

Estimated Flow during calibration	CH01	
Estimated Flow during calibration	CH02	
Estimated Flow during calibration	CH03	
Estimated Flow during calibration	CH04	

Metered Consumption: 36,837 99.5

Adjustments:

Village of Point Edward - Total Consumption: 37,017

Leakage rate adjustment 4% 1,481

Village of Point Edward - Grand Total: 38,498

Dave Hunt

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

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St. Clair Township

For the Month of: June 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	X	Flow	%
		30-Jun-19	31-May-19		As Found	As Left		
WL-O 3100	WL High Net Flow - West Lambton Plank Road (3/4)	35,486,008.0	34,901,984.0	584,024			1	584,024 99.9
		1,490	1,015	475			1	475 0.1
Back to Sarnia								
1100	LaSalle & Parkway	8,009	7,988	21			1	21 0.0
1090	LaSalle & Tashmoo	4,029	4,021	8			1	8 0.0

Entering St. Clair Township: 584,499 100.0

Leaving St. Clair Township

Back to Sarnia: 29 0.0

Chatham-Kent Area Water - Total Consumption: 0 0.0

Metered Consumption: 584,470 100.0

Adjustments:

Reason for Adjustment:

Note: Nova is taking a lot of water during a pumpthouse refurb



Dave Hunt (Operations Manager)

St. Clair Township - Total Consumption:	584,470
Leakage rate adjustment 4%	23,379
<u>St. Clair Township - Grand Total:</u>	<u>607,849</u>

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: June 2019

Meter num	Meter Location	Read date 30-Jun-19	Last Read date 31-May-19	Difference	Calibration Adjustments As Found	As Left	X	Flow	%
5001	Ch05 Low Net Flow - Maundaumin	57,809.0	57,801.3	8	57,801	57,807	1	2	
5002	Ch05 High Net Flow - Maundaumin	17,160,480.0	16,992,478.0	168,002	17,127,288	17,127,296	1	167,994	
	Village of Wyoming								
8001	Wyoming	432,670	432,670	0			1	0	
8002	Wyoming	2,112	9,682	2,430			10	24,300	
	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:							167,996	
	Leaving Plympton								
	Village of Wyoming:							24,300	
	Back to Sarnia:							0	
	Lambton Shores - Total Consumption:							31,608	
	Watford/Warwick - Total Consumption:							34,505	
	Town of Alvinston - Total Consumption:							18,398	
	Town of Petrolia - Total Consumption:							0	
	Metered Consumption For Plympton:							59,185	
	Village of Wyoming:							24,300	
	Adjustments:								
	Estimated Flow during calibration	5001						0	
	Estimated Flow during calibration	5002						0	

Reason for Adjustment:

Estimated Flow during calibration

5001

Estimated Flow during calibration

5002



Dave Hunt (Operations Manager)

Plympton/Wyoming - Total Consumption:

83,485

Leakage rate adjustment 4%

3,339

Plympton/Wyoming - Grand Total:

86,825

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

Lambton Shores

For the Month of: June 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments			X	Flow	%
		30-Jun-19	31-May-19		As Found	As Left				
7003	Ch07 High Net Flow - Townsend	3,403,563.5	3,373,413.8	30,150	3,396,668	3,396,676	1	1	30,142	
7004	Ch07 Low Net Flow - Townsend	238,093.5	236,614.2	1,479	237,751	237,758	1	1	1,473	

Reason for Adjustment:

Estimated Flow during calibration	7003		Metered Consumption:	31,614
Estimated Flow during calibration	7004		Adjustments:	-6
				-1



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Dave Hunt (Operations Manager)

Lambton Shores - Total Consumption:	31,608
Leakage rate adjustment 4%	1,264
<u>Lambton Shores - Grand Total:</u>	<u>32,872</u>

LAWSS Water used by the

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1215 Fort St. Sarnia, On N7V 1M1

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Village of Watford/Township of Warwick

For the Month of: June 2019

Meter num	Meter Location	Read date 30-Jun-19	Last Read date 31-May-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
Entering Watford/Warwick									
9001	Ch10 High Net Flow - London Line	6,369,309.0	6,311,689.5	57,620	6,358,510	6,358,671	1	57,459	
9002	Ch10 Low Net Flow - London Line	606,522.0	601,767.6	4,754	605,631	605,641	1	4,744	
9003	Ch11 High Net Flow - Confederation	1,073,336.2	1,064,597.8	8,738	1,071,704	1,071,708	1	8,734	
9004	Ch11 Low Net Flow - Confederation	56,702.5	54,420.1	2,282	55,976	55,975	1	2,284	
Leaving Watford/Warwick									
5013	Ch09 High Net Flow - Egremont	2,585,100.2	2,564,540.2	20,560	2,581,650	2,581,661	1	20,549	
AF	Alvin High Net Flow Totalizer	1,469,600.1	1,451,201.9	18,398			1	18,398	

Entering Watford/Warwick:	73,221
Leaving Watford/Warwick:	38,947
Metered Consumption:	34,274

Adjustments:

Reason for Adjustment:			
Estimated Flow during calibration	5013	-14	
Estimated Flow during calibration	9001	220	
Estimated Flow during calibration	9002	18	
Estimated Flow during calibration	9003	6	
Estimated Flow during calibration	9004	1	

Watford/Warwick - Total Consumption:	34,505
Leakage rate adjustment 4%	1,380
Village of Watford/Township of Warwick - Grand Total:	35,885

Dave Hunt

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: June 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	30-Jun-19	31-May-19	1,469,600.1	1,451,201.9	18,398		1	18,398	

Reason for Adjustment:

Adjustments:

Metered Consumption: 18,398

Town of Alvinston - Total Consumption: 18,398

Leakage rate adjustment 0%

Town of Alvinston - Grand Total: 18,398

Dave Hunt

Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System

1215 Fort St. Sarnia, On N7V 1M1

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Town of Petrolia

For the Month of: June 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	As Found	As Left	X	Flow	%
PF	Petrolia Flows	30-Jun-19	31-May-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

Dave Hunt (Operations Manager)

LAWSS Water used by the

Lambton Area Water Supply System
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Fax: (519)344-4337

Chatham-Kent Area Water

For the Month of: June 2019

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

Reason for Adjustment:

Metered Consumption:	0
Adjustments:	

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

Dave Hunt

Dave Hunt (Operations Manager)