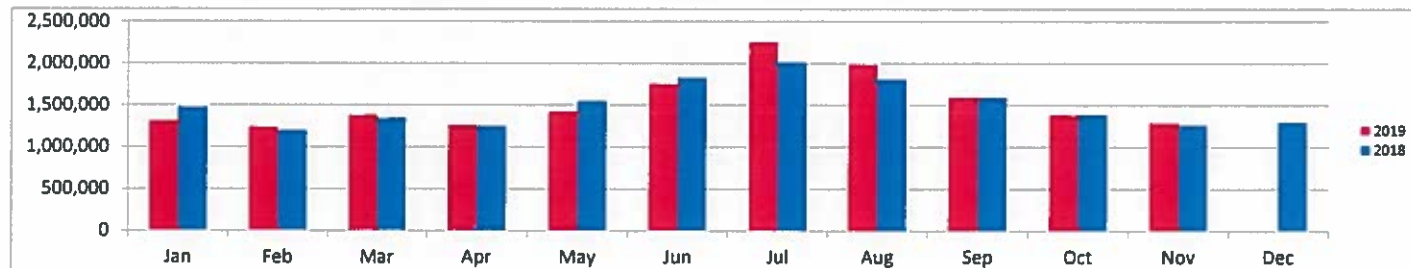


LAWSS Flow Summary

Draft

Total Flows as of Nov 2019														Total	% Total
LAWSS Member		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year To Date for: Jan - Nov	
Sarnia	2019	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	1,232,482	954,642	843,767	740,144	0	9,905,627	59.31
	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	40,091	0	390,502	2.34
	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	370,260	0	4,877,324	29.20
	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	65,525	0	851,175	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	28,509	31,238	0	305,849	1.83
	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	29,148	0	371,915	2.23
	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	16702392	
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	10,813	0	126,059	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	1,379,100	1,287,220	0	16,830,429	
	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 Nov

Year to Date
Total

LAWSS Members	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Nov
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	740,144	0	9,905,627
Point Edward:	27,627	25,262	28,086	27,709	32,081	38,498	50,463	53,100	36,311	31,273	40,091	0	390,502
St. Clair Township:	407,497	389,310	437,481	329,430	376,717	607,849	669,638	489,505	436,191	363,446	370,260	0	4,877,324
Plympton/Wyoming:	60,624	55,794	61,245	63,800	73,513	86,825	126,745	108,289	79,740	69,076	65,525	0	851,175
Lambton Shores:	12,193	15,213	12,491	14,747	28,233	32,872	43,978	43,586	42,789	28,509	31,238	0	305,849
Watford/Warwick:	29,976	28,550	30,013	31,163	35,804	35,885	41,573	41,590	34,374	33,837	29,148	0	371,915
	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	1,276,407	0	16,702,392
Others													
Town of Alvinston:	7,072	6,668	10,291	12,120	16,322	18,398	15,460	11,028	8,694	9,193	10,813	0	126,059
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	1,287,220	0	16,830,429
	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	1,287,220	0	16,830,429

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
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

City of SarniaFor the Month of: **November 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-Nov-19	Last Read date 31-Oct-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	190,097,280.0	188,810,060.0	1,287,220			1	1,287,220

Entering Sarnia: 1,287,220

Members Monthly % Used

Leaving Sarnia to LAWSS Members:

Village of Point Edward - Grand Total:	40,091	3.1
St. Clair Township - Grand Total:	370,260	29.0
Plympton/Wyoming - Grand Total:	65,525	5.1
Lambton Shores - Grand Total:	31,238	2.4
Village of Watford/Township of Warwick - Grand Total:	29,148	2.3

Leaving Sarnia to Others:

Town of Alvinston - Grand Total:	10,813
Town of Petrolia - Grand Total:	0
Chatham-Kent Area Water - Grand Total:	0

Metered Consumption: 740,144**Adjustments:****Reason for Adjustment:****City of Sarnia - Total Consumption:** 740,144**Leakage rate adjustment** 0% 0**City of Sarnia - Grand Total:** 740,144 58.0**Overall Grand Total:** 1,287,220 100.0.....
Dave Hunt (Operations Manager)

LAWSS Water used by the

Village of Point Edward

For the Month of: November 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	%
		30-Nov-19	31-Oct-19		As Found	As Left			
CH01	Venetian Vill (Mag)	474,600.4	456,198.5	18,402			1	18,402	47.7
CH02	Ven & Exmouth (Mag)	41,676.4	40,888.9	788			1	788	2.0
CH03	Michigan & Monk (Mag)	1,044,416.1	1,027,016.8	17,399			1	17,399	45.1
CH04	Michigan & Front (Mag)	134,548.6	132,587.9	1,961			1	1,961	5.1

Metered Consumption: 38,549 100.0

Adjustments:

Reason for Adjustment:

Village of Point Edward - Total Consumption: 38,549

Leakage rate adjustment 4% 1,542

Village of Point Edward - Grand Total: 40,091



Dave Hunt (Operations Manager)

LAWSS Water used by the

St. Clair TownshipFor the Month of: **November 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-Nov-19	Last Read date 31-Oct-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
WL-O	WL High Net Flow - West Lambton	37,725,364.0	37,369,268.0	356,096			1	356,096	100.0
3100	Plank Road (3/4)	3,520	3,480	40			1	40	0.0
Back to Sarnia									
1100	LaSalle & Parkway	8,911	8,911	0			1	0	
1090	LaSalle & Tashmoo	5,052	4,935	117			1	117	0.0
Entering St. Clair Township:								356,136	100.0
Leaving St. Clair Township									
Back to Sarnia:								117	0.0
Chatham-Kent Area Water - Total Consumption:								0	
Metered Consumption:								356,019	100.0
Adjustments:									

Reason for Adjustment:

St. Clair Township - Total Consumption:	356,019
Leakage rate adjustment 4%	14,241
St. Clair Township - Grand Total:	370,260



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: November 2019

Meter num	Meter Location	Read date 30-Nov-19	Last Read date 31-Oct-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	18,004,126.0	17,872,244.0	131,882			1	131,882	
Village of Wyoming									
8001	Wyoming	432,670	432,670	0			1	0	
8002	Wyoming	8,486	7,544	942			10	9,420	
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: 131,882**Leaving Plympton**

Village of Wyoming: 9,420

Back to Sarnia: 0

Lambton Shores - Total Consumption: 30,037

Watford/Warwick - Total Consumption: 28,027

Town of Alvinston - Total Consumption: 10,813

Town of Petrolia - Total Consumption: 0

Metered Consumption For Plympton: 53,585

Village of Wyoming: 9,420

Adjustments:**Reason for Adjustment:****Plympton/Wyoming - Total Consumption:** 63,005

Leakage rate adjustment 4% 2,520

Plympton/Wyoming - Grand Total: 65,525**Dave Hunt (Operations Manager)**

LAWSS Water used by the

Lambton Shores

For the Month of: November 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-Nov-19	Last Read date 31-Oct-19	Difference	Calibration Adjustments		X	Flow	%
7003	Ch07 High Net Flow - Townsend	3,577,783.2	3,549,156.2	28,627	As Found	As Left	1	28,627	
7004	Ch07 Low Net Flow - Townsend	246,661.2	245,251.7	1,410			1	1,410	

Metered Consumption: 30,037

Reason for Adjustment:

Adjustments:

Lambton Shores - Total Consumption: 30,037

Leakage rate adjustment 4% 1,201

Lambton Shores - Grand Total: 31,238



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: November 2019

Meter num	Meter Location	Read date 30-Nov-19	Last Read date 31-Oct-19	Difference	Calibration Adjustments As Found As Left	X	Flow	%
Entering Watford/Warwick								
9001	Ch10 High Net Flow - London Line	6,629,028.0	6,584,099.0	44,929			1	44,929
9002	Ch10 Low Net Flow - London Line	627,945.7	624,222.5	3,723			1	3,723
9003	Ch11 High Net Flow - Confederation	1,119,994.1	1,109,864.8	10,129			1	10,129
9004	Ch11 Low Net Flow - Confederation	58,687.1	59,507.8	-821			1	-821
Leaving Watford/Warwick								
5013	Ch09 High Net Flow - Egremont	2,686,117.8	2,666,997.8	19,120			1	19,120
AF	Alvin High Net Flow Totalizer	1,524,787.6	1,513,974.2	10,813			1	10,813

Entering Watford/Warwick: 57,961Leaving Watford/Warwick: 29,933Metered Consumption: 28,027

Adjustments:

Reason for Adjustment:

Watford/Warwick - Total Consumption: 28,027

Leakage rate adjustment 4% 1,121

Village of Watford/Township of Warwick - Grand Total: 29,148.....
Dave Hunt (Operations Manager)

LAWSS Water used by the

Town of Alvinston

For the Month of: November 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	30-Nov-19	31-Oct-19	10,813	As Found	As Left	1	10,813

Metered Consumption: 10,813

Reason for Adjustment:

Adjustments:

Town of Alvinston - Total Consumption: 10,813

Leakage rate adjustment 0% 0

Town of Alvinston - Grand Total: 10,813



Dave Hunt (Operations Manager)

LAWSS Water used by the

Town of Petrolia

For the Month of: November 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-Nov-19	31-Oct-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: November 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-Nov-19	31-Oct-19		As Found	As Left		
		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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Dave Hunt (Operations Manager)