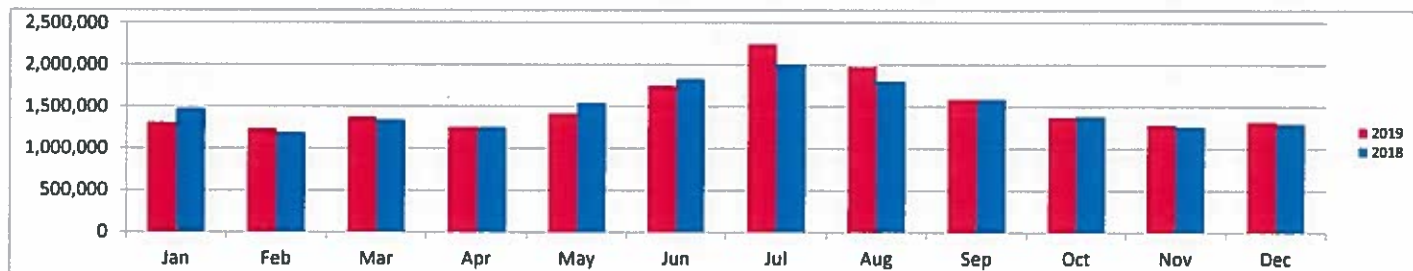


LAWSS Flow Summary

LAWSS Flow Summary										Draft				Total	% Total	
Total Flows as of Dec 2019															Year To Date for:	
LAWSS Member		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Dec		
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	786,066	10,691,693	59.34	
	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	26,845	417,348	2.32	
	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	379,175	5,256,498	29.18	
	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	62,935	914,109	5.07	
	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	28,078	333,927	1.85	
	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	30,712	402,627	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	18016202		
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	10,829	136,888	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	1,072	0	778	129	0	0	0	0	0	0	0	1,979	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	1,324,640	18,155,069		
	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 Dec

Year to Date
Total

LAWSS Members	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Dec
City of Sarnia:	763,540	710,071	793,833	772,802	859,360	928,004	1,306,982	1,232,482	954,642	843,767	740,144	786,066	10,691,693
Point Edward:	27,627	25,262	28,086	27,709	32,081	38,498	50,463	53,100	36,311	31,273	40,091	26,845	417,348
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	379,175	5,256,498
Plympton/Wyoming:	60,624	55,794	61,245	63,800	73,513	86,825	126,745	108,289	79,740	69,076	65,525	62,935	914,109
Lambton Shores:	12,193	15,213	12,491	14,747	28,233	32,872	43,978	43,586	42,789	28,509	31,238	28,078	333,927
Watford/Warwick:	29,976	28,550	30,013	31,163	35,804	35,885	41,573	41,590	34,374	33,837	29,148	30,712	402,627
	1,301,458	1,224,200	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	1,313,811	18,016,202
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	10,829	136,888
Town of Petrolia:	0	0	0	0	0	0	0	0	0	0	0	0	0
Chatham-Kent:	0	1,072	0	778	129	0	0	0	0	0	0	0	1,979
	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	1,324,640	
	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	1,324,640	18,155,069

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: December 2019

Meter num	Meter Location	Read date 31-Dec-19	Last Read date 30-Nov-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	191,421,920.0	190,097,280.0	1,324,640		1	1,324,640

Entering Sarnia: 1,324,640

Members Monthly % Used

Leaving Sarnia to LAWSS Members:

Village of Point Edward - Grand Total:	26,845	2.0
St. Clair Township - Grand Total:	379,175	28.9
Plympton/Wyoming - Grand Total:	62,935	4.8
Lambton Shores - Grand Total:	28,078	2.1
Village of Watford/Township of Warwick - Grand Total:	30,712	2.3

Leaving Sarnia to Others:

Town of Alvinston - Grand Total:	10,829
Town of Petrolia - Grand Total:	0
Chatham-Kent Area Water - Grand Total:	0

Metered Consumption: 786,066**Adjustments:****Reason for Adjustment:**

City of Sarnia - Total Consumption: 786,066

Leakage rate adjustment 0% 0

City of Sarnia - Grand Total: 786,066 59.8**Overall Grand Total:** 1,324,640 100.0

Mark Harris (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: December 2019

Meter num	Meter Location	Read date 31-Dec-19	Last Read date 30-Nov-19	Difference	Calibration Adjustments As Found As Left	X	Flow	%
CH01	Venetian Vill (Mag)	480,990.1	474,600.4	6,390		1	6,390	24.8
CH02	Ven & Exmouth (Mag)	42,190.9	41,676.4	515		1	515	2.0
CH03	Michigan & Monk (Mag)	1,061,643.4	1,044,416.1	17,227		1	17,227	66.7
CH04	Michigan & Front (Mag)	136,229.9	134,548.6	1,681		1	1,681	6.5

Metered Consumption: 25,813 100.0
Adjustments:

Reason for Adjustment:

Village of Point Edward - Total Consumption: 25,813
Leakage rate adjustment 4% 1,033
Village of Point Edward - Grand Total: 26,845



Mark Harris (Operations Manager)

LAWSS Water used by the

St. Clair Township

For the Month of: December 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-Dec-19	Last Read date 30-Nov-19	Difference	Calibration Adjustments		X	Flow	%
					As Found	As Left			
WL-O 3100	WL High Net Flow - West Lambton Plank Road (3/4)	38,089,952.0	37,725,364.0	364,588			1	364,588	100.0
		3,545	3,520	25			1	25	0.0
	Back to Sarnia								
1100	LaSalle & Parkway	8,931	8,911	20			1	20	0.0
1090	LaSalle & Tashmoo	5,054	5,052	2			1	2	0.0
					Entering St. Clair Township:			364,613	100.0
					Leaving St. Clair Township				
						Back to Sarnia:		22	0.0
					Chatham-Kent Area Water - Total Consumption:			0	
					Metered Consumption:			364,591	100.0
	Reason for Adjustment:				Adjustments:				
							</		

Township of Plympton / Village of Wyoming

For the Month of: December 2019

Meter num	Meter Location	Read date 31-Dec-19	Last Read date 30-Nov-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	18,131,998.0	18,004,126.0	127,872		1	127,872	
Village of Wyoming								
8001	Wyoming	432,670	432,670	0		1	0	
8002	Wyoming	9,609	8,486	1,123		10	11,230	
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: 127,872**Leaving Plympton**

Village of Wyoming: 11,230

Back to Sarnia: 0

Lambton Shores - Total Consumption: 26,998

Watford/Warwick - Total Consumption: 29,531

Town of Alvinston - Total Consumption: 10,829

Town of Petrolia - Total Consumption: 0

Metered Consumption For Plympton: 49,284

Village of Wyoming: 11,230

Adjustments:**Reason for Adjustment:****Plympton/Wyoming - Total Consumption:** 60,514

Leakage rate adjustment 4% 2,421

Plympton/Wyoming - Grand Total: 62,935

Mark Harris (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

Lambton Shores

For the Month of: December 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments		X	Flow	%
		31-Dec-19	30-Nov-19		As Found	As Left			
7003	Ch07 High Net Flow - Townsend	3,603,542.2	3,577,783.2	25,759			1	25,759	
7004	Ch07 Low Net Flow - Townsend	247,900.3	246,661.2	1,239			1	1,239	

Metered Consumption: 26,998

Adjustments:

Reason for Adjustment:

Lambton Shores - Total Consumption: 26,998

Leakage rate adjustment 4% 1,080

Lambton Shores - Grand Total: 28,078



Mark Harris (Operations Manager)

Village of Watford/Township of Warwick

For the Month of: December 2019

Meter num	Meter Location	Read date 31-Dec-19	Last Read date 30-Nov-19	Difference	Calibration Adjustments As Found As Left	X	Flow	%
Entering Watford/Warwick								
9001	Ch10 High Net Flow - London Line	6,676,338.0	6,629,028.0	47,310			1	47,310
9002	Ch10 Low Net Flow - London Line	631,885.4	627,945.7	3,940			1	3,940
9003	Ch11 High Net Flow - Confederation	1,129,864.1	1,119,994.1	9,870			1	9,870
9004	Ch11 Low Net Flow - Confederation	58,222.9	58,687.1	-464			1	-464
Leaving Watford/Warwick								
5013	Ch09 High Net Flow - Egremont	2,706,413.5	2,686,117.8	20,296			1	20,296
AF	Alvin High Net Flow Totalizer	1,535,616.4	1,524,787.6	10,829			1	10,829

Entering Watford/Warwick: 60,656Leaving Watford/Warwick: 31,125Metered Consumption: 29,531

Reason for Adjustment:

Adjustments:

Watford/Warwick - Total Consumption: 29,531

Leakage rate adjustment 4% 1,181

Village of Watford/Township of Warwick - Grand Total: 30,712

Mark Harris (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: December 2019

Meter num	Meter Location	Read date	Last Read date	Difference	Calibration Adjustments	X	Flow	%
		31-Dec-19	30-Nov-19		As Found	As Left		
AF	Alvin High Net Flow Totalizer	1,535,616.4	1,524,787.6	10,829			1	10,829

Metered Consumption: 10,829

Adjustments:

Reason for Adjustment:

Town of Alvinston - Total Consumption: 10,829

Leakage rate adjustment 0% 0

Town of Alvinston - Grand Total: 10,829



Mark Harris (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 Petrolia

For the Month of: December 2019

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



Mark Harris (Operations Manager)

LAWSS Water used by the

Chatham-Kent Area Water

For the Month of: December 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-Dec-19	30-Nov-19	0	As Found	As Left	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



Mark Harris (Operations Manager)