



THE MUNICIPALITY OF  
**LAMBTON SHORES**

Grand Bend and Area Joint Sewage Board  
AGENDA

Meeting #: 05-2021  
Date: November 25, 2021  
Time: 9:00 a.m.  
Location: Electronic Zoom Meeting

Pages

1. **Call to Order**

2. **Declaration of Pecuniary Interest**

3. **Approval of the Agenda**

**RECOMMENDATION:**

THAT the Agenda for the November 25, 2021 Grand Bend and Area Joint Sewage Board meeting be approved.

4. **Minutes of Previous Meeting**

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**RECOMMENDATION:**

THAT the Minutes of the September 30, 2021 Grand Bend and Area Joint Sewage Board Meeting as presented, be approved.

5. **Correspondence**

There was no correspondence submitted.

6. **Presentations & Delegations**

There are no presentations or delegations scheduled.

7. **Staff Reports**

7.1. **2021 Third Quarter Operations Report**

5 - 9

**RECOMMENDATION:**

THAT Report STB 05-2021 regarding the "2021 Third Quarter Operations Report" be received.

**7.2. 2022 Final Budget**

**RECOMMENDATION:**

**THAT** Report STB 06-2021 regarding the “2022 Final Budget” be received; and

**THAT** the Grand Bend Area Joint Sewage Board approves the final 2022 Budget attached; and

**THAT** the final 2022 budget be forwarded to the Municipal Councils of Lambton Shores and South Huron for Council Approval.

**8. Other Business**

**9. Closed Session**

There are no Closed Session items.

**10. Adjournment**

**RECOMMENDATION:**

**THAT** the November 25, 2021 meeting be adjourned at a.m.



THE MUNICIPALITY OF  
**LAMBTON SHORES**

**Grand Bend and Area Joint Sewage Board Minutes**

Thursday, September 30, 2021 at 9:00 a.m.

Held Electronically via Zoom

Members Present: Bill Weber, Lambton Shores  
Doug Cook, Lambton Shores  
Jim Dietrich, South Huron, Vice-Chair  
George Finch, Chair  
Dave Maguire, Lambton Shores  
Marissa Vaughan, South Huron

Members Absent: Dan Sageman (alternate), Lambton Shores  
Barb Willard, (alternate), Lambton Shores

Staff Present: Steve McAuley, Lambton Shores Director of Community  
Services  
Stephanie Troyer-Boyd, Lambton Shores - Clerk

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**1. Call to Order**

Chair Finch called the meeting to order at 9:00 am.

**2. Declaration of Pecuniary Interest**

There were no declarations on September 30, 2021.

**3. Approval of the Agenda**

GBAJSB21-0930-01 Moved By: Dave Maguire  
Seconded By: Jim Dietrich

**THAT the agenda for the September 30, 2021 meeting of the Grand Bend and Area Joint Sewage Board be approved as presented.**

**Carried**

**4. Minutes of Previous Meeting**

GBAJSB21-0930-02 Moved By: Doug Cook  
Seconded By: Marissa Vaughan

**THAT the minutes of the September 2, 2021 meeting of the Grand Bend and Area Joint Sewage Board be adopted as presented.**

**Carried**

**5. Correspondence**

There was no correspondence.

**6. Presentations and Delegations**

There were no Presentations or Delegations.

**7. Staff Reports**

**7.1 Report STB 04-2021 - 2022 Draft Budget**

Steve McAuley presented the 2022 Draft Budget to the Board.

GRAJSB21-0930-03

Moved By: Bill Weber

Seconded By: Jim Dietrich

**THAT Report STB 4-2021 regarding the “2022 Draft Budget” be received; and**

**THAT the Grand Bend Area Joint Sewage Board recommends that the 2022 Budget attached be forwarded to the Municipal Councils of Lambton Shores and South Huron for comment.**

**Carried**

**8. Other Business**

There was no other business.

**9. Closed Session**

There was no Closed Session.

**10. Adjournment**

GBAJSB21-0930-04

Moved By: Jim Dietrich

Seconded By: Dave Maguire

**THAT the September 30, 2021 meeting of the Grand Bend and Area Joint Sewage Board adjourn at 9:15 a.m.**

**Carried**

## GRAND BEND AREA JOINT SEWAGE BOARD

**Report STB 05-2021**

**Board Meeting Date: November 25, 2021**

**TO:** Chairman Finch and Members of the Board  
**FROM:** Steve McAuley, Chief administrative Officer, Lambton Shores  
**RE:** 2021 Third Quarter Operations Report  
**RECOMMENDATION:**

**THAT** Report STB 05-2021 regarding the “2021 Third Quarter Operations Report” be received.

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### **SUMMARY**

This report is a summary of the operations for the third quarter (Q3) of 2021 for the Grand Bend Sewage Treatment Facility.

### **BACKGROUND**

Attached is the Q3 report for the Grand Bend Sewage Treatment Facility up to October 31, 2021. The report includes year-to-date financial summary, a summary of flows experienced over that time and a summary of the monthly average effluent quality testing results.

Year-to-date financials show no areas of concerns at this point.

The flow data attached shows flows from the various contributors to the system. In addition, the flow split between South Huron and Lambton Shores is shown for reference

Q3 effluent testing results show that the effluent quality has met or exceeded the established effluent and objectives limits. The recent modifications to the clarifier inlet has dramatically improved the effluent quality. In addition to this quality improvement, the amount of Alum being injected to achieve these results has been able to be decreased, as well, both the blowers and filters are also functioning much more efficiently after this modification. Overall the plant is producing extremely high quality effluent and operating in a much more efficient manner. As noted in previous reports, only one train is in operation, as such only that train has had the modification completed. Based on the success realized to date, staff will complete the modification to the second train prior to putting it into service.

No major maintenance issues were noted during the third quarter of 2021, however the wet well lights in PS2 required replacement. These lights are required to be explosion proof, as such the replacement of two lights was costly at \$10,747.

### **ALTERNATIVES TO CONSIDER**

None, this report is information only.

### **RECOMMENDED ACTIONS**

This report is prepared in accordance to the Board's Quarterly Report Policy 01-2017. Staff recommends the report be received for information by the Board.

### **FINANCIAL IMPACT**

None

### **CONSULTATION**

Jacobs– Plant Operators

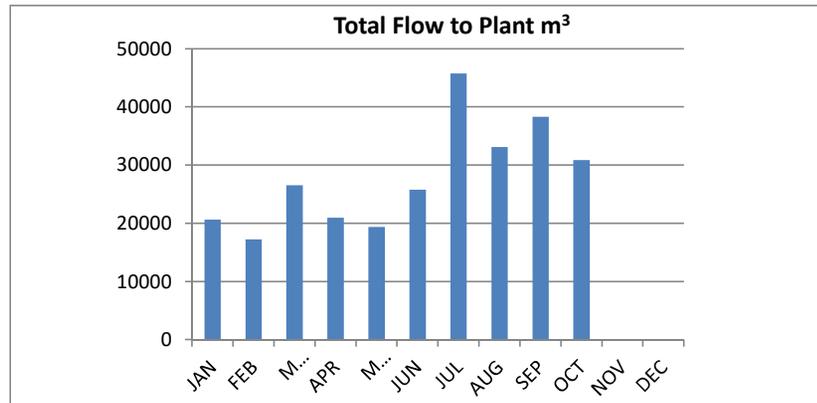
**GRAND BEND AREA JOINT SEWAGE OPERATIONS**  
**2021 YTD**  
**Statement for the period ending October 31, 2021**

GL Account	Description	2021 BUDGET	2021 DRAFT YTD	AVAILABLE	% USED
<b>OWNER CONTRIBUTION</b>					
4-410-175-4500	LAMBTON SHORES CONTRIBUTION	435,215.08	326,411.31	108,803.77	75.00%
4-410-175-4501	SOUTH HURON CONTRIBUTION	270,227.46	202,670.59	67,556.87	75.00%
4-410-175-4075	INTEREST REVENUE		5,135.60	(5,135.60)	
	TOTAL REVENUE	<u>705,442.54</u>	<u>534,217.50</u>	<u>171,225.04</u>	<u>75.73%</u>
<b>ADMINISTRATIVE AND GOVERNANCE</b>					
4-410-175-5100	GENERAL ADMINISTRATION CHARGE STF	4,096.14		4,096.14	0.00%
4-410-175-5160	INSURANCE STF	23,315.69	23,109.84	205.85	99.12%
4-410-175-5155	AUDIT	7,490.88	880.75	6,610.13	11.76%
4-410-175-5156	ACCOUNTING SERVICES	2,122.42		2,122.42	0.00%
4-410-175-5170	IT	500.00	254.38	245.62	50.88%
4-410-175-5104	SCADA SUPPORT STF	2,000.00	2,243.81	(243.81)	112.19%
4-410-175-5103	ENGINEERING STF	2,000.00		2,000.00	0.00%
4-410-175-5150	LEGAL	1,000.00		1,000.00	0.00%
4-410-175-5910	CAPITAL REPLACEMENT RESERVE	217,547.64	163,160.73	54,386.91	75.00%
4-410-175-5210	TAXES STF	42,707.30	41,946.87	760.43	98.22%
4-410-176-5210	TAXES PS2	1,186.45	1,124.83	61.62	94.81%
1-410-175-5899	RF INTERST ALLOCATION		5,135.60	(5,135.60)	
		<u>303,966.52</u>	<u>237,856.81</u>	<u>66,109.71</u>	<u>78.25%</u>
<b>FIXED MTC &amp; OPERATIONAL COSTS</b>					
4-410-175-5125	TELEPHONE STF	2,000.00	1,137.32	862.68	56.87%
4-410-176-5125	TELEPHONE PS2	2,850.00	1,827.57	1,022.43	64.13%
4-410-175-5126	COMPUTER EXPENSE	500.00	436.53	63.47	87.31%
4-410-175-5140	BUILDING REPAIRS & MAINTENANCE STF	25,000.00	28,301.50	(3,301.50)	113.21%
4-410-175-5175	GROUNDS MAINTENANCE	2,000.00	100.76	1,899.24	5.04%
4-410-175-5141	ANNUAL PREVENTIVE MAINTENACE	10,176.00	9,328.22	847.78	91.67%
4-410-175-5176	WETLAND PEST CONTROL	1,000.00	2,544.00	(1,544.00)	254.40%
		<u>43,526.00</u>	<u>43,675.90</u>	<u>(149.90)</u>	<u>100.34%</u>
<b>VARIABLE OPERATIONAL COSTS (RELATED TO FLOWS)</b>					
4-410-175-5101	OMI ADMINISTRATIVE COSTS STF	35,021.72	32,103.28	2,918.44	91.67%
4-410-175-5102	OPERATOR WAGES STF	90,704.79	83,146.03	7,558.76	91.67%
4-410-175-5122	ELECTRICAL COSTS STF	105,000.00	68,038.35	36,961.65	64.80%
4-410-176-5122	ELECTRICAL COSTS PS2	9,500.00	9,961.65	(461.65)	104.86%
4-410-175-5123	UNION GAS STF	38,850.00	9,229.12	29,620.88	23.76%
4-410-175-5121	WATER STF	16,000.00	23,857.31	(7,857.31)	149.11%
4-410-176-5121	WATER PS2	400.00	246.86	153.14	61.72%
4-410-175-5180	CHEMICALS	54,100.70	49,592.41	4,508.29	91.67%
4-410-175-5410	LABORATORY SAMPLING	8,372.81	7,675.13	697.68	91.67%
		<u>357,950.02</u>	<u>283,850.14</u>	<u>74,099.88</u>	<u>79.30%</u>
	TOTAL EXPENSES	<u>705,442.54</u>	<u>565,382.85</u>	<u>140,059.69</u>	<u>80.15%</u>
	GRAND TOTAL		<u>31,165.35</u>	<u>(31,165.35)</u>	

**Grand Bend Area Joint Sewage Board**  
**Summary of 2021 System Flows**

MONTH	OAKWOOD m <sup>3</sup>	POG\Motor Plex m <sup>3</sup>	GRAND COVE m <sup>3</sup>	HC PLAYHOUSE m <sup>3</sup>	PINERY m <sup>3</sup>	PS2 m <sup>3</sup>	Total Flow to Plant m <sup>3</sup>	Plant m <sup>3</sup>
	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow
JAN	425	1292	5768	39	55	19278	20664	30484
FEB	435	501	4309	16	43	16699	17259	25731
MAR	600	1786	7113	53	77	24638	26554	40642
APR	550	590	6275	32	87	20273	20982	46253
MAY	507	358	4937	42	150	18842	19392	37383
JUN	1206	760	5158	34	1895	23113	25802	42584
JUL	2450	1749	4773	74	6234	37712	45769	16888
AUG	2087	32	5496	15	4890	28169	33106	31869
SEP	1588	3085	7056	90	2873	32273	38321	39927
OCT	1369	1921	6315	77	1129	27734	30861	38643
NOV								
DEC								
<b>Total to Date</b>	<b>11217</b>	<b>12074</b>	<b>57200</b>	<b>472</b>	<b>17433</b>	<b>248731</b>	<b>278710</b>	<b>350404</b>

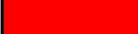
Flow Split to date m <sup>3</sup>		
Plant		
Lambton Shores	197747	71%
South Huron	80963	29%
	<hr/>	
	278710	
PS2		
Lambton Shores	180314	72%
South Huron	68417	28%
	<hr/>	
	248731	



Note:  
Plant Flows are shown for reference only, and are subject to the effects of lagoon use.

<b>Grand Bend Sewage Treatment Plant</b>						
2021 Final Effluent Average Monthly Testing Results						
Parameter Month	CBOD5 mg/L	T. S. S. mg/L	Total P mg/L	Total Ammonia mg/L	E-Coli Per 100ml	pH Grab
<b>January</b>	2.3	4.1	0.09	0.14	2	6.94
<b>February</b>	2.0	4.8	0.15	0.29	2	6.93
<b>March</b>	2.6	6.1	0.12	0.19	2	6.76
<b>April</b>	2.0	5.3	0.10	0.17	2	6.59
<b>May</b>	2.5	6.0	0.11	0.19	2	6.61
<b>June</b>	2.4	4.5	0.06	0.55	2	6.57
<b>July</b>	2.3	2.9	0.07	4.07	2	6.97
<b>August</b>	2.3	3.5	0.04	3.20	2	7.25
<b>September</b>	2.0	3.1	0.07	0.45	2	6.77
<b>October</b>	2.5	2.0	0.05	0.18	2	6.88
<b>November</b>						
<b>December</b>						
<b>Effluent Objectives</b>	5.0	5.0	0.10	2.0	NA	6.5-9.0
<b>Effluent Limits</b>	10.0	10.0	0.15	4.0	100	6.0-9.5

Note:

-  Denotes results met Effluent Objectives
-  Denotes results met Effluent Limits
-  Denotes results did not meet Effluent Limits

## GRAND BEND AREA JOINT SEWAGE BOARD

Report STB 06-2021

Board Meeting Date: November 25, 2021

**TO:** Chair Finch and Board Members  
**FROM:** Steve McAuley, Chief Administrative Officer, Lambton Shores  
**RE:** 2022 Final Budget

**RECOMMENDATION:**

**THAT** Report STB 06-2021 regarding the “2022 Final Budget” be received; and

**THAT** the Grand Bend Area Joint Sewage Board approves the final 2022 Budget attached; and

**THAT** the final 2022 budget be forwarded to the Municipal Councils of Lambton Shores and South Huron for Council Approval.

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### **SUMMARY**

This report presents the final 2022 budget for the Board’s approval.

### **BACKGROUND**

At the September 30th, 2021 meeting, the Board reviewed the draft 2022 budget and the following motion was passed:

*THAT Report STB 4-2021 regarding the “2022 Draft Budget” be received; and*

*THAT the Grand Bend Area Joint Sewage Board recommends that the 2022 Budget attached be forwarded to the Municipal Councils of Lambton Shores and South Huron for comment. Carried*

Based on the resolution passed, the draft budget was forwarded to both Municipalities for comment. South Huron Council discussed the draft budget at their October 18<sup>th</sup> and November 15<sup>th</sup>, 2021 Council meetings. A copy of a letter from South Huron indicating the same is attached for the Board’s review. Lambton Shores Council received a staff report on the 2022 budget at their October 19<sup>th</sup> and passed the following resolution with no additional comments:

***THAT** Report DCS 41-2021 regarding the Grand Bend Area Joint Sewage Board 2022 Draft Budget be received. Carried*

The Tri-Party Agreement includes the following clause

*20. Joint Sewage Board Approval*

*The Joint Sewage Board is to take all necessary steps to have the draft Budgets completed and approved by November 30 in each preceding calendar year and then submit it to the Municipal Councils of the Participating Municipalities for approval before December 31<sup>st</sup>.*

Based on the above, the Board is now in a position to approve the budget and forward it on to South Huron and Lambton Shores for final approval and inclusion in their respective budgets.

The final budget is being presented, as attached. No changes have been made to the draft, with the exception that the year-to-date 2021 financials have been updated to October 31, 2021.

### **ALTERNATIVES TO CONSIDER**

The Board could make changes to the budget; however any changes would be made without the opportunity for comment from South Huron or Lambton Shores.

### **RECOMMENDED ACTIONS**

THAT Report STB 07-2019 regarding the “2022 Budget Approval” be received; and

THAT the Grand Bend Area Joint Sewage Board approves the final 2022 Budget attached; and

THAT the final 2022 budget be forwarded to the Municipal Councils of Lambton Shores and South Huron for Council Approval.

### **FINANCIAL IMPACT**

The 2022 final budget currently is established at \$ 718,042.17 which includes a transfer to reserve of \$ 221,898.59 for Capital replacement. Based on the averaged flow data, the municipal split is estimated as follows:

Lambton Shores:     \$468,497.21 – An increase of \$33,282.13 over 2021  
South Huron :        \$249,544.96 – A decrease of 20,682.50 over 2021

Actual municipal invoicing will be based on actual flows realized at the end of the year.

### **CONSULTATION**

South Huron Council  
Lambton Shores Council



**CORPORATION OF THE MUNICIPALITY OF SOUTH HURON**

322 Main Street South P.O. Box 759

Exeter Ontario

N0M 1S6

Phone: 519-235-0310 Fax: 519-235-3304

Toll Free: 1-877-204-0747

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November 16, 2021

Grand Bend Area Joint Sewage Board  
c/o Lambton Shores  
9575 Port Franks Road  
Thedford ON N0M 2N0

Attention: Steve McAuley

Re: 2022 Draft Budget – Grand Bend Sewer System

South Huron Council received the draft budget at their October 18<sup>th</sup> and November 15<sup>th</sup>, 2021 Regular Council Meetings. On behalf of Council I wish to advise that no issues were noted and no comments were directed to be forwarded with respect to the draft 2022 Budget after their review.

The above is for your consideration and any attention deemed necessary.

Sincerely,

Alex Wolfe, Deputy Clerk  
Municipality of South Huron  
519-235-0310 x224  
[awolfe@southhuron.ca](mailto:awolfe@southhuron.ca)

**GRAND BEND AREA JOINT SEWAGE OPERATIONS**  
**2022 Budget - Final**

	2021 BUDGET	2021 DRAFT YTD To Oct. 31, 2021	2021 Projection	2022 BUDGET	Budget Increase/Decrease	Lambton Shores Share	South Huron Share	Basis of Cost Split
<b>OWNER CONTRIBUTION</b>								
LAMBTON SHORES CONTRIBUTION	435,215.08	326,411.31	435,215.08	468,497.21	33,282.13			
SOUTH HURON CONTRIBUTION	270,227.46	202,670.59	270,227.46	249,544.96	-20,682.50			
Intrest on Reserve		5,135.60	4,000.00					
<b>TOTAL REVENUE</b>	<b>705,442.54</b>	<b>534,217.50</b>	<b>709,442.54</b>	<b>718,042.17</b>	<b>12,599.63</b>			
<b>ADMINISTRATIVE AND GOVERNANCE</b>								
GENERAL ADMIN CHARGE STF	4,096.14		4,015.82	4,096.14	0.00	2,650.20	1,445.94	1
INSURANCE STF	23,315.69	23,109.84	23,109.84	25,420.82	2,105.13	16,447.27	8,973.55	1
AUDIT	7,490.88	880.75	7,490.88	7,640.70	149.82	4,943.53	2,697.17	1
ACCOUNTING SERVICES	2,122.42		2,122.42	2,164.87	42.45	1,400.67	764.20	1
IT	500.00	254.38	400.00	500.00	0.00	323.50	176.50	1
SCADA SUPPORT STF	2,000.00	2,243.81	2,243.81	2,500.00	500.00	1,617.50	882.50	1
ENGINEERING STF	2,000.00			2,000.00	0.00	1,294.00	706.00	1
LEGAL	1,000.00			1,000.00	0.00	647.00	353.00	1
CAPITAL REPLACEMENT RESERVE	217,547.64	163,160.73	217,547.64	221,898.59	4,350.95	143,568.39	78,330.20	1
TAXES STF	42,707.30	41,946.87	42,707.30	43,561.45	854.15	21,780.72	21,780.72	2
TAXES PS2	1,186.45	1,124.83	1,124.83	1,210.18	23.73	782.99	427.19	1
RF INTEREST ALLOCATION		5,135.60	4,000.00					
<b>TOTAL PART A</b>	<b>303,966.52</b>	<b>237,856.81</b>	<b>304,762.54</b>	<b>311,992.74</b>	<b>8,026.22</b>	<b>195,455.77</b>	<b>116,536.97</b>	
<b>FIXED MTC &amp; OPERATIONAL COSTS</b>								
TELEPHONE STF	2,000.00	1,137.32	1,500.00	2,000.00	0.00	1,294.00	706.00	1
TELEPHONE PS2	2,850.00	1,827.57	2,650.00	2,850.00	0.00	1,425.00	1,425.00	2
COMPUTER EXPENSE	500.00	436.53	500.00	500.00	0.00	336.67	163.33	3
BUILDING REPAIRS & MAINT. STF	25,000.00	28,301.50	25,000.00	30,000.00	5,000.00	20,199.93	9,800.07	3
GROUNDS MAINTENANCE	2,000.00	100.76	100.00	1,000.00	-1,000.00	673.33	326.67	3
ANNUAL PREVENTIVE MAINTENACE *	10,176.00	9,328.22	10,176.00	10,176.00	0.00	6,851.82	3,324.18	3
WETLAND PEST CONTROL	1,000.00	2,544.00	2,544.00	1,000.00	0.00	673.33	326.67	3
<b>TOTAL PART B</b>	<b>43,526.00</b>	<b>43,675.90</b>	<b>42,470.00</b>	<b>47,526.00</b>	<b>4,000.00</b>	<b>31,454.07</b>	<b>16,071.93</b>	
<b>VARIABLE OPERATIONAL COSTS (RELATED TO FLOWS)</b>								
OMI ADMINISTRATIVE COSTS STF *	35,021.72	32,103.28	35,021.72	36,683.46	1,661.74	24,700.11	11,983.35	3
OPERATOR WAGES STF *	90,704.79	83,146.03	90,704.79	93,020.85	2,316.06	62,633.81	30,387.04	3
ELECTRICAL COSTS STF	105,000.00	68,038.35	90,000.00	100,000.00	-5,000.00	67,333.09	32,666.91	3
ELECTRICAL COSTS PS2	9,500.00	9,961.65	10,000.00	9,500.00	0.00	6,571.74	2,928.26	4
UNION GAS STF	38,850.00	9,229.12	25,000.00	38,850.00	0.00	26,158.91	12,691.09	3
WATER STF	16,000.00	23,857.31	25,000.00	16,000.00	0.00	10,773.29	5,226.71	3
WATER PS2	400.00	246.86	250.00	400.00	0.00	276.70	123.30	4
CHEMICALS *	54,100.70	49,592.41	54,100.70	55,482.60	1,381.90	37,358.15	18,124.45	3
LABORATORY SAMPLING *	8,372.81	7,675.13	8,372.81	8,586.51	213.70	5,781.56	2,804.95	3
<b>TOTAL PART C</b>	<b>357,950.02</b>	<b>283,850.14</b>	<b>338,450.02</b>	<b>358,523.43</b>	<b>573.41</b>	<b>241,587.37</b>	<b>116,936.06</b>	
<b>TOTAL EXPENSES</b>	<b>705,442.54</b>	<b>565,382.85</b>	<b>685,682.56</b>	<b>718,042.17</b>	<b>12,599.63</b>	<b>468,497.21</b>	<b>249,544.96</b>	

Legend for Basis of cost split	
Capital split for plant (64.7% LS, 35.3% SH)	1
Capital split for PS2 (50% LS, 50% SH)	2
Flow Proportion to Plant	3
Flow Proportion to PS2	4

**GRAND BEND AREA JOINT SEWAGE OPERATIONS**  
2022 Flow Calculations

2021 FLOW CALCULATION PROJECTION (m3)						
Month	PS2	POG	HC Playhouse	Pinery	Oakwood	Grand Cove
Jan	19278	1292	39	55	425	5768
Feb	16699	501	16	43	435	4309
Mar	24638	1786	53	77	600	7113
Apr	20273	590	32	87	550	6275
May	18842	358	42	150	507	4937
June	23113	760	34	1895	1206	5158
July	37712	1749	74	6234	2450	4773
Aug	28169	32	15	4890	2087	5496
Sept	28074	1207	24	1390	1596	3774
Oct	21517	1760	146	590	962	4466
Nov	22707	1069	42	135	739	4753
Dec	20329	1435	37	42	495	5472
<b>Total Annual</b>	<b>281351</b>	<b>12539</b>	<b>554</b>	<b>15588</b>	<b>12052</b>	<b>62294</b>
Avg Month	23446	1045	46	1299	1004	5191
Indicates 2020 actual flows						

2022 FLOW CALCULATION ESTIMATE (m3)				
	2022 (3 YR AVG)	2021 (projection)	2020	2019
Main Pump (PS2)	280,824	281,351	278,077	283045
GRAND COVE	71,020	62,294	62,892	87875.36
OAKWOOD	15,540	12,052	13,044	21525
Lambton Shores (PS2 - GC & Oakwood)	194,264	207,005	202,141	173,645
POG	12,863	12,539	14,175	11875
HCP	900	554	609	1536
Pinery	12,523	15,588	8,218	13764
<b>Grand Total Flows To GB plant (PS2 Flow Plus Remaining Sources)</b>	<b>307,110</b>	<b>310,032</b>	<b>301,079</b>	<b>310,220</b>
<b>MUNICIPAL TOTALS</b>				
SOUTH HURON	100,323	87,439	90,720	122,811
LAMBTON SHORES	206,787	222,593	210,359	187,409
<b>TOTAL</b>	<b>307,110</b>	<b>310,032</b>	<b>301,079</b>	<b>310,220</b>

**MUNICIPAL FLOW APROPORTIONMENT**

	Lambton Shores	South Huron
PS2 Flow Proportions	69.18%	30.82%
GB Plant Proportions	67.33%	32.67%

Revenue Calculation			
	Total	Lambton Shores	South Huron
<b>Part A - per agreement</b>			
PS 2- 50% LS, 50% SH	43,561.45	21,780.72	21,780.72
Treatment Facility - 64.7% LS, 35.3% SH	268,431.30	173,675.05	94,756.25
<b>Total Part A</b>	<b>311,992.74</b>	<b>195,455.77</b>	<b>116,536.97</b>
<b>Part B - Per Agreement \ Flow Based</b>			
PS2 - per agreement	2,850.00	1,425.00	1,425.00
Plant - per agreement	2,000.00	1,294.00	706.00
Plant - Flow based	42,676.00	28,735.07	13,940.93
<b>Total Part B</b>	<b>47,526.00</b>	<b>31,454.07</b>	<b>16,071.93</b>
<b>Part C - Flow Based</b>			
PS2	9,900.00	6,848.44	3,051.56
Plant	348,623.43	234,738.93	113,884.50
<b>Total Part C</b>	<b>358,523.43</b>	<b>241,587.37</b>	<b>116,936.06</b>
<b>Total</b>	<b>718,042.17</b>	<b>468,497.21</b>	<b>249,544.96</b>