



THE MUNICIPALITY OF
LAMBTON SHORES

Grand Bend and Area Joint Sewage Board
AGENDA

Date: Thursday, July 25, 2024
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 July 25, 2024 Grand Bend and Area Joint Sewage Board meeting be approved as circulated.

4. Minutes of Previous Meeting

3 - 5

RECOMMENDATION:

That the Minutes of the April 25, 2024 Grand Bend and Area Joint Sewage Board meeting be approved as circulated.

5. Correspondence

6. Presentations & Delegations

7. Staff Reports

7.1 2024 Second Quarter Operations Report

6 - 10

RECOMMENDATION:

That Report STB 04-2024 regarding the "2024 Second Quarter Operations Report" be received.

8. Other Business

9. Closed Session

10. Adjournment

RECOMMENDATION:

That the July 25, 2024 Grand Bend and Area Joint Sewage Board Meeting adjourn at ____ a.m.



THE MUNICIPALITY OF
LAMBTON SHORES

The Municipality of Lambton Shores

Grand Bend and Area Joint Sewage Board

Minutes

Thursday, April 25, 2024
9:00 a.m.

Member Present: Doug Cook, Lambton Shores
Dave Maguire, Lambton Shores
Dan Sageman, Lambton Shores
George Finch, South Huron
Marissa Vaughan, South Huron
Milt Dietrich, South Huron

Member Absent: Glen Baillie, Lambton Shores (alternate)
Jim Dietrich, South Huron (alternate)

Staff Present: Nick Verhoeven, Lambton Shores, Director of Public Works
Janet Ferguson, Lambton Shores, Treasurer
Don Giberson, South Huron, General Manager of Infrastructure
and Development
Alyssa Keller, South Huron, Manager of Environmental Services
Kendra Webster, South Huron, Legislative and Licensing
Coordinator
Alex Wolfe, South Huron, Clerk

Others Present Ferruccio Da Sacco, BDO Canada LLP

1. Call to Order

The Meeting was called to order at 9:00 a.m.

2. Declaration of Pecuniary Interest

None.

3. Approval of the Agenda

GBAJSB#06-2024

Moved By: George Finch, South Huron

Seconded By: Dan Sageman, Lambton Shores

That the Agenda for the April 25, 2024 Grand Bend and Area Joint Sewage Board meeting be approved as circulated.

Carried

4. Minutes of Previous Meeting

GBAJSB#07-2024

Moved By: George Finch, South Huron

Seconded By: Dave Maguire, Lambton Shores

That the Minutes of the February 2, 2024 Meeting of the Grand Bend and Area Joint Sewage Board be adopted as presented.

Carried

5. Correspondence

None.

6. Presentations & Delegations

6.1 BDO Canada LLP - 2023 Audit Presentation

Ferruccio Da Sacco of BDO Canada LLP provided the Board with an overview of the 2023 Draft Audited Financial Statements.

GBAJSB#08-2024

Moved By: George Finch, South Huron

Seconded By: Milt Dietrich, South Huron

That the Grand Bend Area Joint Sewage Board receive the presentation of BDO Canada LLP regarding the 2023 Audited Financial Statements for information.

Carried

7. Staff Reports

7.1 2023 Draft Audited Financial Statements

GBAJSB#09-2024

Moved By: Dave Maguire, Lambton Shores

Seconded By: George Finch, South Huron

That Report TR-11-2024 regarding the 2023 Draft Audited Statements be received; and

That the 2023 Draft Audited Statements be approved.

Carried

7.2 2024 First Quarter Operations Report

Manager Verhoeven provided highlights of the first quarter report. The Board discussed the building repair and natural gas expenses to date, as well as the flow split between Municipalities.

GBAJSB#10-2024

Moved By: George Finch, South Huron

Seconded By: Dave Maguire, Lambton Shores

That Report STB 03-2024 regarding the “2024 First Quarter Operations Report” be received.

Carried

8. Other Business

None.

9. Closed Session

None.

10. Adjournment

GBAJSB#11-2024

Moved By: Dave Maguire, Lambton Shores

Seconded By: George Finch, South Huron

That the April 25, 2024 Grand Bend and Area Joint Sewage Board Meeting adjourn at 9:18 a.m.

Carried

GRAND BEND AREA JOINT SEWAGE BOARD

Report STB 04-2024

Board Meeting Date: July 25, 2024

TO: Chair Cook and Members of the Board
FROM: Nick Verhoeven, Director of Public Works, Lambton Shores
RE: 2024 Second Quarter Operations Report

RECOMMENDATION:

THAT Report STB 04-2024 regarding the “2024 Second Quarter Operations Report” be received.

SUMMARY

This report is a summary of the operations for the second quarter of 2024 for the Grand Bend Sewage Treatment Facility.

BACKGROUND

Attached is the second quarter operations report for the Grand Bend Sewage Treatment Facility up to June 30, 2024. 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. It should be noted that the final division of costs is calculated based on the annual flows, the split shown in this report is for reference only. The new flow meter had a communications issue in June 2024 so the flow volume for June is based on a historical average. It has since been corrected so going forward all flows will be actual.

Second quarter effluent testing results show that the effluent quality has met or exceeded the established effluent limits in all cases. Effluent objectives were exceeded for Total P in April and TSS in June.

No major maintenance issues in the plant were noted during the second quarter of 2024.

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

2024 YTD

Statement for the period ending June 30, 2024

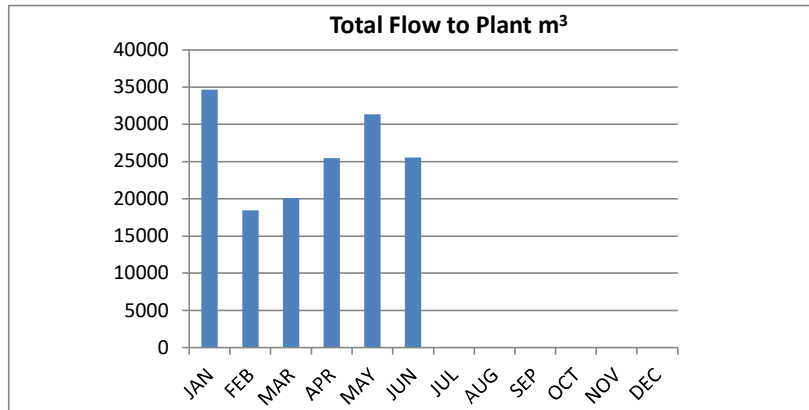
Description	2024 BUDGET	2024 DRAFT YTD	AVAILABLE	% USED
OWNERS CONTRIBUTION				
4-410-175-4075 GBSTP INTEREST REVENUE		(41,292.02)	41,292.02	
4-410-175-4500 LAMBTON SHORES CONTRIBUTION	(504,886.00)	(252,443.00)	(252,443.00)	50.00%
4-410-175-4501 SOUTH HURON CONTRIBUTION	(249,405.00)	(62,351.25)	(187,053.75)	25.00%
Total OWNERS CONTRIBUTION	(754,291.00)	(356,086.27)	(398,204.73)	47.21%
ADMINISTRATIVE AND GOVERNANCE				
4-410-175-5100 GENERAL ADMINISTRATION CHARGE STF	4,262.00		4,262.00	
4-410-175-5103 ENGINEERING STF	2,000.00		2,000.00	
4-410-175-5104 SCADA SUPPORT STF	2,500.00		2,500.00	
4-410-175-5150 LEGAL	1,000.00		1,000.00	
4-410-175-5155 AUDIT	11,000.00	4,471.60	6,528.40	40.65%
4-410-175-5156 ACCOUNTING SERVICES	2,252.00		2,252.00	
4-410-175-5160 INSURANCE STF	34,246.00		34,246.00	
4-410-175-5170 IT SUPPORT, SOFTWARE & LICENCING	500.00		500.00	
4-410-175-5210 TAXES STF	45,322.00	21,709.57	23,612.43	47.90%
4-410-175-5899 GBSTP - RF ALLOCATION		41,292.02	(41,292.02)	
4-410-175-5910 CAPITAL REPLACEMENT RESERVE	230,863.00	115,431.50	115,431.50	50.00%
4-410-176-5210 TAXES PS2	1,667.00		1,667.00	
Total ADMINISTRATIVE AND GOVERNANCE	335,612.00	182,904.69	152,707.31	54.50%
FIXED MTC & OPERATIONAL COSTS				
4-410-175-5125 TELEPHONE STF	2,081.00	1,252.31	828.69	60.18%
4-410-175-5126 COMPUTER EXPENSE	500.00		500.00	
4-410-175-5140 BLDG REPAIRS & MTC STF	30,000.00	23,139.09	6,860.91	77.13%
4-410-175-5141 ANNUAL PREVENTIVE MTC	10,176.00	5,936.00	4,240.00	58.33%
4-410-175-5175 GROUNDS MAINTENANCE	1,000.00	62.46	937.54	6.25%
4-410-175-5176 WETLAND PEST CONTROL	1,200.00		1,200.00	
4-410-176-5125 TELEPHONE PS2	2,965.00	2,115.64	849.36	71.35%
Total FIXED MTC & OPERATIONAL COSTS	47,922.00	32,505.50	15,416.50	67.83%
VARIABLE OPERATIONAL COSTS (RELATED TO FLOWS)				
4-410-175-5101 OMI ADMINISTRATIVE COSTS - STF	37,802.00	22,049.30	15,752.70	58.33%
4-410-175-5102 OPERATOR WAGES STF	97,897.00	57,106.07	40,790.93	58.33%
4-410-175-5121 WATER - STF	25,500.00	9,001.98	16,498.02	35.30%
4-410-175-5122 ELECTRICAL COSTS STF	102,000.00	43,546.72	58,453.28	42.69%
4-410-175-5123 UNION GAS	25,500.00	19,207.55	6,292.45	75.32%
4-410-175-5180 CHEMICALS	58,391.00	34,061.37	24,329.63	58.33%
4-410-175-5410 LABORATORY SAMPLING	9,037.00	5,271.77	3,765.23	58.34%
4-410-176-5121 WATER PS2	350.00	113.00	237.00	32.29%
4-410-176-5122 ELECTRICAL COSTS PS2	14,280.00	8,422.12	5,857.88	58.98%
Total VARIABLE OPERATIONAL COSTS (RELATED TO FLOWS)	370,757.00	198,779.88	171,977.12	53.61%
Total SEWAGE TREATMENT PLANT		58,103.80	(58,103.80)	

**Grand Bend Area Joint Sewage Board
Summary of 2024 System Flows**

MONTH	OAKWOOD m ³	POGI Motor Plex m ³	GRAND COVE m ³	HC PLAYHOUSE m ³	PINERY m ³	PS2 m ³	Total Flow to Plant m ³	Plant m ³
	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow	Monthly Flow
JAN	733	4490	10957	62	22	34640	34640	54467
FEB	507	981	6383	49	61	18421	18421	29687
MAR	384	1541	6774	60	66	20107	20107	34762
APR	817	1895	8982	63	56	23451	25465	40217
MAY	665	1901	7198	78	1072	28294	31345	68335
JUN	1124	910	4772	221	2285	22089	25505	47978
JUL							0	
AUG							0	
SEP							0	
OCT							0	
NOV							0	
DEC							0	
Total to Date	4230	11718	45066	533	3562	147002	155483	275446

estimate due to comms fail

Flow Split to date m ³		
Plant		
Lambton Shores	101268	62%
South Huron	61547	38%
	<hr/>	
	162815	
PS2		
Lambton Shores	97706	66%
South Huron	49296	34%
	<hr/>	
	147002	



Note:

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

Grand Bend Sewage Treatment Plant						
2024 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
January	2.5	3.0	0.10	0.19	2	7.02
February	2.2	3.6	0.14	0.26	14	7.13
March	2.3	4.5	0.14	0.17	2	7.05
April	2.0	3.8	0.12	0.19	2	6.98
May	2.2	4.2	0.09	0.09	2	6.82
June	2.3	8.3	0.09	0.25	2	6.82
July						
August						
September						
October						
November						
December						
Effluent Objectives	5.0	5.0	0.10	2.0	NA	6.5-9.0
Effluent Limits	10.0	10.0	0.15	4.0	100	6.0-9.5

Note:



Denotes results within Effluent Objectives

Denotes results met Effluent Limits

Denotes results did not meet Effluent Limits