

GRAND BEND AREA JOINT SEWAGE BOARD

Report STB 04-2022

Board Meeting Date: July 28, 2022

TO: Chairman Finch and Members of the Board
FROM: Nick Verhoeven, Director of Public Works, Lambton Shores
RE: 2022 Second Quarter Operations Report

RECOMMENDATION:

THAT Report STB 04-2022 regarding the “2022 Second Quarter Operations Report” be received.

SUMMARY

This report is a summary of the operations for the second quarter of 2022 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, 2022. 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 are tracking as expected based on the time of year. The quantity of water used for backwashing filters continues to be problematic. Previous treatment modifications, although successful in helping effluent sampling results have not significantly helped with the amount of water required to backwash the filters. Jacobs and Lambton Shores staff are investigating further changes to the outflow and gates to help with this situation.

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.

Second quarter effluent testing results show that the effluent quality has met or exceeded the established effluent limits. Green colored results indicate the result met both the effluent limits and the effluent objectives. Yellow indicates that only the effluent limits were met.

Staff are continuing to review Pump Station 2 flows and flow allocations for future development.

No other major issues were report at the plant or pumping station during the second quarter.

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