

# SEWER ADMINISTRATORS REPORT LELAND TOWNSHIP SEWER SYSTEM DECEMBER 2022

Prepared by Steve Patmore, Sewer Administrator  
for January 2023 Sewer Commission and Board Meetings

Influent and Effluent readings for December are normal for this time of year and below 2021 levels. The lagoon levels are within normal operational levels for this time of year. Freeboard = 6.7' and lowering. Effluent flows are being maintained to keep lagoon levels within operational limits.

	CURRENT YEAR		PREVIOUS YEAR	
	DECEMBER 2022	YTD 2022	DECEMBER 2021	YTD 2021
INFLUENT FLOW	1.16 MG	16.31	1.44	20.97
EFFLUENT FLOW	2.48 MG	24.24	2.71	26.76

## **ISSUES LIST**

- WWTP and Biofilter call-out alarms & equipment issues – seems to be resolved
- Drain Fields: Will evaluate Bed #8 in spring – valve issues seem to be resolved.
- Thompson Street Guide Rails and seal replacement.
- Influent Flowmeter – contractor to work on gate valves.

## **ON-GOING SCHEDULED PROJECTS / MAINTENANCE / REPAIRS**

- Hydrogen Sulfide – continuing research costs for mechanical aeration.
- Air Release Valves: one discovered leaking after inspection, two need troubleshooting, one scheduled for replacement. Future ARV's need to be epoxy coated or nylon coated.
- Three WWTP lagoon aerators in operation now – fourth one being ordered.
- Influent manhole – will be bid out for spring.
- IAI Assessment report received and being reviewed by Staff and Sewer Commission.

## **SEWER OPERATIONS & CALL-OUTS (IAI report)**

- See IAI report for call-outs

## **SYSTEM ADMINISTRATION**

- Questions on connections and the sewer system in general, permits & building.
- Miss Dig staking requests steady
- Houses under constructions being reviewed and measurements.
- Commercial septic tanks pumped.
- Sewer permit for 206 S. Grand – connection fee paid.
- Sewer permits for several alterations.
- Several requests for connection information – new construction/additions
- Site Plan Review for proposed commercial project at 25 S. Lake Leelanau Dr.