

# SEWER ADMINISTRATORS REPORT LELAND TOWNSHIP SEWER SYSTEM May 2021

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For June 2021 Meetings

The influent flows for May 2021 were about 30% higher than last month, which is typical for May, as we are entering the summer season.. Flows are monitored weekly.

Effluent flows are being managed in order to maintain the lagoon level between 10 and 12 feet for the 2021 sludge removal project.

The lagoon level is now at 10.75 feet, which is 1 feet higher than it was last month.

## **SEWER OPERATIONS (IAI report attached)**

- STEP Pump call-out and check at the Leland Mercantile.
- STEP Pump check at Cherry Street/Grand Avenue – no issues.
- STEP Pump alarm on Cherry Street – no issues found.
- Septic tank was clogged on N. Manitou Trail near Golfview. Excessive paper use was noted.
- Quarterly groundwater samples taken at the monitoring wells. The average of the four compliance wells is maintaining a relatively steady average phosphorus of 0.84 ppm. Our goal and compliance limit is 0.5 p.p.m.

## **SEWER REPAIR LIST**

- One of the pumps at the Thompson Street Lift Station is not seated in the flange properly, causing it not to discharge correctly. IAI pulled the pump and found that a rubber seal between the pump and the flange needs to be replaced. The part has been ordered and work scheduled.
- Two aerators at the WWTP lagoon are out of service and need to be pulled and evaluated. Possible electrical issues with one, and possible re-build of the other.
- The level sensor for the ferric chloride tank needs to be replaced. Part has been ordered.
- STEP pump/curb stop at 3409 N. Manitou Trail scheduled for work.

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

- Hydrogen Sulfide Control Project: IAI is monitoring the Hydrogen Sulfide levels at the lift stations – some treatment equipment has arrived. EGLE must approve the addition to the wastewater as a condition of our wastewater discharge permit.
- Biotech has a signed contract for spring 2021 lagoon sludge pumping – new PFAS testing regulations are in place that is affecting the schedule. Our sludge was tested this week by the contractor.
- WWTP Dosing Station repair work plan for period that WWTP lagoon is empty – IAI compiling costs.

## **SYSTEM ADMINISTRATION**

- Questions on connections and the sewer system in general, including properties outside the district.
- Miss Dig staking requests picking up.
- Working on Capacity Study Update.
- Compiling data for Sewer Rate Study.
- Getting tanks pumped out as we can.