Grand Haven/Spring Lake Sewer Authority

September 2022
WWTP Operations

Contents
Monthly Operations ............ 1
Monthly Compliance ............ 1
More Facility News .. 2
Monthly Operating Results ............. 3

Monthly Operations
Plant performance for the month of September was satisfactory. We averaged a daily flow of 3.497 MGD in our treatment plant, which is a little less than the average of 3.614 we saw in August.

![Total Monthly Flow (MGD)](chart)

During the month of September, we removed 696,081 gallons of solids at 3.75% solids content from the process and placed in our storage tanks. We enter October with roughly 178,500 gallons or 8% of storage capacity being utilized to store our biosolids. We were able to have our contractor haul in September and almost emptied us out. A little over 2.5 millions gallons of biosolids were land applied for a total bill of $154,083.

Monthly Compliance
Compliance for the month of September met all requirements of our NPDES permit. Monthly results of our required chlorinated hydrocarbon testing were non-detect.

IPP Inspection with EGLE - Compliance communication items were addressed and a response was provided to EGLE.

We provided our Local Limits Evaluation to EGLE, which will likely result in changes to pollutant discharge limits for a couple different parameters. This process will involve EGLE to agree with our proposed changes and all participating municipalities to adopt the proposed changes into their sewer use ordinances. Stay tuned as this will be ongoing.
More Facility News

- **Control Building Roof Replacement Project** – The roofing project has been completed. We had an EPDM membrane roof installed with taper insulation for varying slopes throughout the roof to keep water flowing for proper drainage and avoid standing water. Also installed on top of insulation was Dens Deck, which is a hard board laid over top to help strengthen the roof and provide a better material for the membrane to adhere to. We will have a 20 year manufacturer warranty and a 2 year workmanship warranty.

- **Vacant Operator/Mechanic position** – We received many applicants, held interviews and offered the position to Dave Lape. He is a City of Grand Haven employee who previously served in the facilities crew with the City's DPW. Dave’s first day will be Monday October 17.

- **Brick Veneer Replacement Project** – we had a bid opening on September 28 for this project and received three (3) bids. The bids came in far higher than what we had been anticipating. We are reworking the scope of work as previously discussed. We will be sure to address the safety concerns while receiving a final product that provides the performance needed of the building for another 25 + years.

- **Maintenance** – Preparing for winter, we acid washed diffuser stones in bay 2 of aeration and put into service. Brought down bay 4, cleaning sludge out and will winterize. We are finishing touch up paint on rusty sections of SE Final Clarifier, will place in service next and bring SW Final Clarifier down for winterizing.

APG Neurow tech visited the site for an Extended Preventative Recommended Maintenance check. The unit is staying within performance checks which is great to see. His inspection did uncover some failed capacitors and those will be ordered for replacement. The capacitors do not impact the performance of the unit, but do play a role in cleaning up electricity for a more efficient unit.

2 bearings have been replaced on our main motor for odor control system. I’ve been here since the day it was put into service and the unit sounds the best it ever has!

Crew replaced T-bolts, eyelet bolts and threaded rods for flanged restraints on a heavily corroded clean out cap of the GHPS force main located at the intersection of Ferry and Fulton.

Performed all preventative maintenance from Asset Management Software.
PUBLIC HEARING  
CITY OF FERRYSBURG PLANNING COMMISSION  
FERRYSBURG ZONING ORDINANCE

A public hearing will be held by the City of Ferrysburg Planning Commission for the purpose of receiving comments on an amendment to the Zoning Ordinance for the City of Ferrysburg, Ottawa County, Michigan on Thursday, November 3, 2022, 7:00 p.m. A copy of the draft amendment may be viewed at the offices of the City of Ferrysburg, 17520 Ridge Avenue, Ferrysburg, Michigan, during normal business hours. A copy of the amendment is available for viewing at http://www.ferrysburg.org/boards/planning-commission/. Members of the public are welcome and encouraged to participate in this meeting. Written comments can be mailed to Ferrysburg City Hall, 17520 Ridge Avenue, P.O. Box 38, Ferrysburg, MI, 49409-0038 and will be presented to the Commission if received by Thursday, November 3, noon. Any person who needs special accommodations to participate must notify the City Clerk at least one (1) week prior to the scheduled hearing.

The Planning Commission will consider an amendment to Article 2, Definitions, Section 2.20 to add the definitions of Accessory Structure, Electric Vehicle, Electric Vehicle Charging Station, Electric Vehicle (EV) Capable Parking Space, Electric Vehicle (EV) – Ready Parking Space, amendments to Article 5, Section 5.50 Required Site Plan Contents, and Section 5.80 Site Plan Review Standards, and amendments to Article 6, Parking and Loading Requirements, and a new Section 6.100 Electric Vehicle Charging Stations.

Amber Schaner, City Clerk  
October 19, 2022
NOTICE
The Ferrysburg Zoning Board of Appeals meeting scheduled for Thursday, November 10, 2022, has been cancelled.

The next Ferrysburg Zoning Board of Appeals meeting will be on Thursday, December 8, 2022.

October 21, 2022  Amber Schaner
                City Clerk