

GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE

- DIVISION OF -

WATER & WASTE SERVICES

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JEFFREY WRIGHT COMMISSIONER

MEMORANDUM

To: Joshua M. Freeman, Director of Administration

Genesee County Board of Commissioners

From: John F. O'Brien, PE, BCEE, Director

Genesee County Drain Commissioner's - Division of Water & Waste Services

Re: District #3 Wastewater Treatment Plant Improvements

Date: July 1, 2025

The Division has identified the need to upgrade or improve the District #3 Wastewater Treatment Plant process. Improvements to the system include:

- Upgrades to increase to increase the capacity efficiency of the sludge dewatering process.
- Installing a new polymer system to accommodate the higher capacity of the centrifuge.

Along with dewatering improvements, site improvements including access and paving is necessary to accommodate the access for roll-off containers and position of vehicles.

- Improvements to our sludge thickening. DAFT. Currently the design does not allow for even distribution to the two thickeners. Upgrades to the process will allow for even distribution.
- Additional improvement will be made to the system to distribute plant flows to the treatment process evenly.
- Secondary Treatment. Currently the existing aeration tank cannot be taken out of service to perform maintenance. With additional improvements, these tanks can be taken out of service to perform necessary maintenance.

JFO/JMW

