

# **CITY OF GREENVILLE WWTP EXPANSION AND UPGRADES PROJECT – PHASE 3 AND 4**

## **NOTICE OF PROJECT PLAN PUBLIC HEARING**

The City of Greenville will hold a public hearing on the proposed City of Greenville Wastewater Treatment Plant Expansion and Upgrades project – Phase 3 and 4 for the purpose of receiving comments from interested persons.

The hearing will be held at 7:00 p.m. on Tuesday, May 16, 2023, at the following location: 411 S. Lafayette, Greenville, Michigan 48838.

The purpose of the proposed project is the 3<sup>rd</sup> and 4<sup>th</sup> phases of a multiphase project to expand and upgrade the existing wastewater treatment plant to accommodate growth in the service area, and to upgrade or replace existing aging components as required by EGLE. Phase 1 upgraded the raw influent pumping capacity, provided a new 500,000 secondary sludge digester, and a jet mixing system for the existing 750,000 sludge storage tank. Phase 2 included a Headworks Building addition for a new vortex grit removal system, inclined belt primary filters to replace the existing rectangular filters, a 400,000-gallon EQ/surge tank, and a new aerobic granular sludge (AGS) system for secondary treatment to replace the aging oxidation towers.

Phase 3 construction at the WWTP will include tertiary treatment with disk filters in a new building built over the old oxidation tower building basement, replacing the chlorine disinfection system with a UV disinfection system, converting the existing rectangular primaries to storage/holding tanks for waste sludge, tertiary filter backwash water, digester supernatant, and septage. A building will be constructed over the old primaries for a sludge thickener for thickening the contents of the storage/holding tanks. A new primary digester will be constructed, and the three existing digester tanks will be upgraded with new heating and mixing systems located in a building addition for the Digester Building, equipment in old tanks will be removed and tanks with no useful value will be demolished.

Phase 4 construction at the WWTP will include sludge treatment for alternative disposal of biosolids, administration building expansion and laboratory upgrade, solar panel expansion, and septage receiving.

Impacts of the proposed projects include expanded treatment capacity for peak and average flows resulting in better treatment and cleaner effluent discharges into the environment and expanding the capacity to receive septage from the surrounding area.

The estimated cost to users for the proposed project will be Sixteen million dollars (\$16,000,000). The new annual debt from a 20-year SRF loan at 2.75% interest is approximately One Million Fifty Thousand Eight Hundred dollars (\$1,050,800).

Copies of the plan detailing the proposed project are available for inspection at the following locations: Greenville City Hall at 411 S. Lafayette, Greenville, MI 48838.

Written comments received before the hearing record is closed on May 16, 2023, will receive responses in the final project plan. Written comments should be sent to the City of Greenville.

