The primary objective of this project was to implement updated technology and improve the treatment capabilities of the headworks equipment and tertiary filtration equipment to address the need for more stringent total phosphorus effluent limitations. The project consisted of replacing equipment which had exceeded its useful life, including: existing headworks, influent archimedes screw pumps and tertiary filtration system. Critical components such as the influent pumps and tertiary filters were on the verge of failure.

Fleis & VandenBrink Engineering provided design, bid, and construction phase engineering, and F&V Construction provided bid services and construction management.

The main items of work included:
- Headworks Building with open-channel grinder, mechanical screening, grit removal system, grit concentrator, grit washer and classifier, flow metering, and submersible influent pumps
- Chemical mix tanks with rapid mixer and flocculation mixer
- Filter feed pump station wetwell and submersible pumps
- Tertiary disc filters

Please join us for an open house celebrating the new Wastewater Treatment Plant Improvements for the City of Dexter! Event details are below:

When: October 17th from 4:00 - 6:00 p.m.
Where: 8360 Huron St., Dexter, MI 48130

Snacks and refreshments will be provided.