



MEMO

TO: Oak Pointe Municipal Sanitary Sewer Customers

FROM: Genoa Township Utility Department

DATE: November 26, 2014

RE: 2014 3rd Quarterly Update – Oak Pointe Wastewater Treatment Plant Consolidation Project

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The Genoa Township Utility Department is pleased to provide this update on the consolidation of the Oak Pointe Wastewater Treatment Plant (WWTP) with the Genoa Oceola WWTP.

In September of 2014, Genoa Township mailed a brochure to each customer in the Oak Pointe Wastewater System that outlined the need for the project and a detailed explanation of the upcoming debt charge. A copy of this brochure, and all the historic correspondence for this project, can be found on the Genoa Township Utility Department website (<http://www.genoa.org/articles/article/opcon>).

Construction Status

Construction started in August 2014, and a summary of the construction status for each of the three phases associated with this project can be found below:

Phase 1: Genoa-Oceola Wastewater Treatment Plant Improvements

- Summary of Work: Construct a sludge processing building and install a sludge screw press to provide capacity for the additional flows from the Oak Pointe Wastewater System. Improvements also include upgrades to the oxidation ditch equipment at the Genoa-Oceola Wastewater Treatment Plant.
- Construction Schedule (per contract documents): August 2014 – April 2015
- Current Status: The contractor installed a majority of the underground work at the Genoa-Oceola Wastewater Treatment Plant this fall, and the building is starting to be erected at this time. The contractor plans to finalize the mechanical and electrical components for the new sludge processing equipment inside the building this winter.

Phase 2: Force Main Installation

- Summary of Work: Install approximately 25,000 linear feet of force main and associated structures along Brighton Road (from Oak Pointe Drive to Chilson Road) and along Chilson Road (from Brighton Road to I-96) to connect the Oak Pointe WWTP to the Genoa-Oceola WWTP.

- Construction Schedule (per contract documents): August 2014 – December 2014
- Current Status: A majority of the pipe has been installed by directional drilling methods. The excavation contractor is currently in the process of tying in the pipe at the bore pit locations and installing the necessary structures along Brighton and Chilson Roads. The force main construction should be wrapped up in the next month, with final restoration activities to occur in the spring of 2015.

Phase 3 - Oak Pointe Wastewater Treatment Plant Conversion to Pumping Station

- Summary of Work: Convert the existing wastewater treatment plant to a pump station. Work includes removing existing equipment and converting the existing reactor cells to equalization holding basins.
- Construction Schedule (per contract documents): April 2015 – July 2015
- Current Status: Contractor is installing piping and tying into the existing sludge tank for temporary bypass pumping that will be necessary during this phase of construction. It is anticipated this phase will start on schedule in the spring of 2015.

Water Softener Requirements

Current users of the Oak Pointe Wastewater System have the following restrictions for water softener use:

1. All sites are required to utilize a potassium based softening agent; sodium based regenerates are prohibited.
 - Residents can begin using sodium based salt in February 2015, which coincides with our current estimate for operational completion of Phase 1 and Phase 2 of this project. It is anticipated that switching to a sodium based salt from the potassium based salt will save \$200-\$400/year/resident, depending on the amount of water used and the individual water softener settings.
2. The backwash from the water softener cannot be connected to the sanitary sewer system
 - The connection of the softener backwash to the sanitary sewer will remain prohibited after the completion of this project, as brine waste is best disposed of on individual lots.

Look for another system wide mailing in February of 2015 outlining in more detail the modifications to the water softener requirements for users of the Oak Pointe Wastewater System

Debt Charge Implementation Dates

The debt charge was implemented for the wastewater used in the billing period of November 1, 2014 – January 31, 2015. These bills will be mailed in February of 2015 and will be due approximately March 15, 2015.

Any questions, concerns, or comments can be e-mailed to us at opcomment@genoa.org