

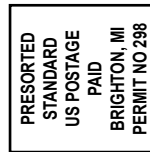
## Construction of Planned Wastewater Treatment Upgrade Starting Soon



Genoa Charter Township wishes to inform residents of the upcoming start of construction for the Consolidation of the Oak Pointe Wastewater Treatment Plant with the Genoa Oceola Wastewater Treatment Plant. This project is the culmination of many years of planning, public information meetings, citizen advisory groups, and engineering studies. The project consists of three phases:

- Phase 1:** Upgrades to the existing Genoa Oceola Wastewater Treatment (WWTP) to accept the flow from Oak Pointe
- Phase 2:** The installation of just under 5 miles of force main along Chilson Road
- Phase 3:** Conversion of the existing Oak Pointe Wastewater Treatment Plant to a pump station

See map on cover page for the location of the 3 phases described above



## Construction Schedule

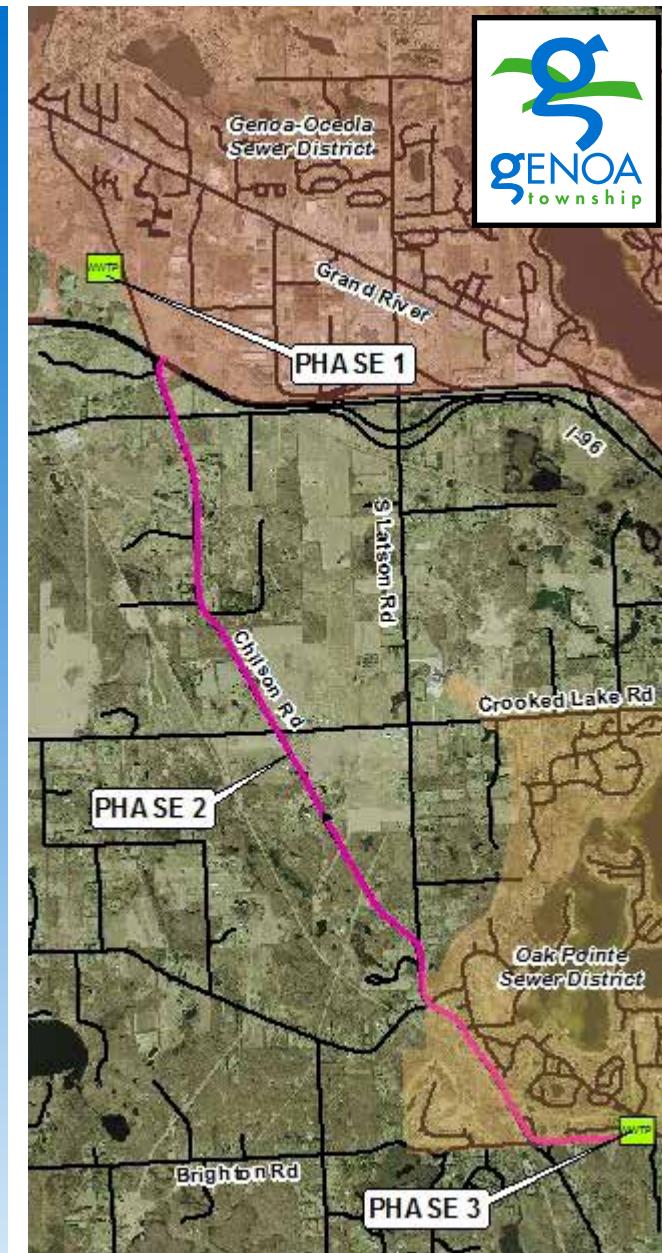
The projected construction schedule is outlined below:

- Phase 1:** August 2014 – April 2015
- Phase 2:** September 2014 – December 2014
- Phase 3:** April 2015 – August 2015

For additional information and background on this project, please see our website at <http://www.genoa.org/departments/utilities>



2911 Dorr Road  
Brighton, MI 48116



## Consolidation of Your Wastewater Treatment Plant

Construction Starting  
September 2014



Salt accumulation in rapid infiltration basins at the Oak Pointe Wastewater Treatment Plant

## Why Is This Project Needed?

- The existing treatment technology at the Oak Pointe plant is antiquated
- There are continuing numerous regulatory violations, primarily associated with sodium and chloride
- This project will remove a source of groundwater contamination impacting residents downstream of the plant
- The existing plant discharges to groundwater, which has increasing environmental regulations, and is a potential liability for existing customers

## Additional Benefits

- This project will consolidate 2 wastewater treatment plants into one, which has support from the State and will reduce energy and chemical usage.
- Residents no longer have to use potassium chloride for water softeners, **resulting in a savings of \$200-\$400/year**, depending on the amount water used and the individual water softener settings. Residents can stop using potassium chloride in approximately February 2015.

## Debt Fee Structure

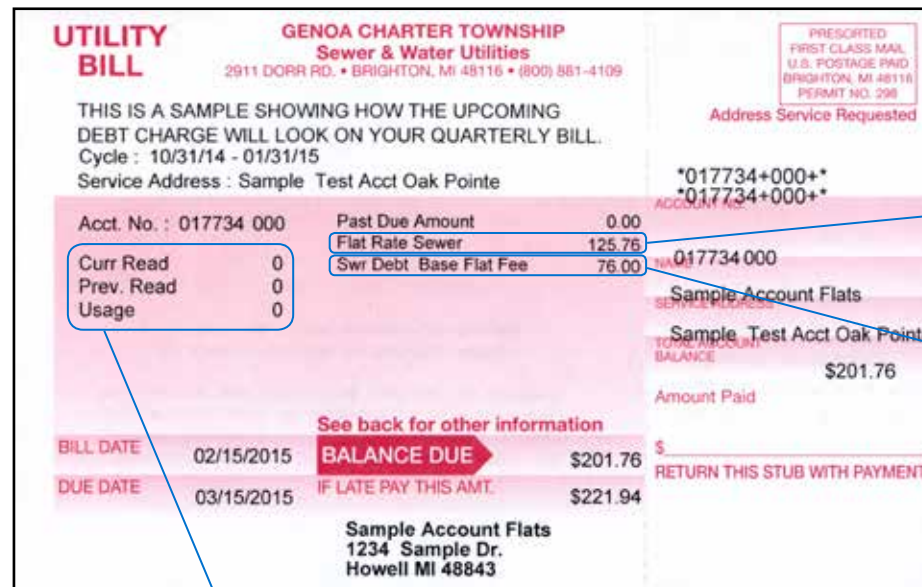
To fund the design, legal, financial advisor and construction costs associated with this project, the Township sold Capital Improvement Bonds for \$6,000,000 in July 2014. We received very favorable interest rates (3.4%) for the 22 year term of the bond.

The debt repayment method for this project will be via a new debt charge on the quarterly sewer bill. This will be added as a mixture of a flat rate and metered portion, as requested by numerous citizens. To the right is a summary of the debt charge that will be applied to your quarterly bill:

Flat Rate* Customer	\$76 Sewer Debt Base Flat Fee
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\*Per Residential Customer

**You are a flat rate customer. The bill below is a sample of how the debt charge will be applied to your bill. The debt charge will be on your bill that is mailed in February 2015 and due approximately March 15, 2015.**



Existing sanitary sewer quarterly bill. The rates did not change this year (Current rates are \$125.76/quarter)

Sewer debt base flat fee, applied to all flat rate customers.

Meter reads and water usage for the last quarter, in 1,000 gallons. All flat rate bills have no meter installed, and therefore show zero usage.