

**Project Owner**

Saratoga County Sewer District  
PO Box 550  
Mechanicville, NY 12118

**Project Architect/Engineer**

Stearns & Wheeler, LLC  
One Remington Park Drive  
Cazenovia, NY 13035



## WWTP Upgrades & Improvements

*Multiple improvement projects at wastewater treatment plant, including new UV system*

The **Saratoga County Department of General Services** hired U.W. Marx Construction Company as their general contractor to perform upgrades and improvements to their county sewer district.

The \$10.2 million project (Phase I) included a new bio filter and odor control building, two new 90-foot diameter final clarifiers, a new lime feed system, a blower building and new aeration equipment.

The wastewater treatment facility is now capable of treating 18 million gallons of wastewater per day.

In 2000, U.W. Marx was hired to install an **Ultraviolet Disinfection System** (Phase II) at the existing facility. The state-of-the-art UV system replaced the sewer district's existing gaseous chlorine disinfection system.

The project was initiated by Saratoga County in response to stricter federal guidelines regulating the use of chlorine systems.

The scope of work at the facility included concrete work, electrical work, and installation of the ultraviolet system, including bypass pumping and instrumentation and control systems.

### PROJECT HIGHLIGHTS

- U.W. Marx: General Contractor/Constructor
- Multiple projects included upgrades and installation of UV system at 18 mgd wastewater treatment plant

