



Project Profile...



Saratoga County Sewer District
Wastewater Treatment Plant
Disinfection Upgrade

Basis of Design Data

Peak Design Flow	47 MGD
Total Suspended Solids (TSS)	30 mg/l
Design Limit	200 Fecal [30 day geometric mean]
UV Transmission	65%

System UV4000: Trojan Technologies, Inc.

Lamp Technology	Medium Pressure Polychromatic Output
Peak Design	14 UV Modules 10 Lamps per Module
Total Number of Lamps	140
Controls	Flow Proportion, Varying Lamp Output PLC Interface
Ballast Design	Electronic, One Ballast per Lamp
Lamp Cleaning	Automatic, Chemical and Mechanical
Facility Contacts	Andre Dumas (518) 664-7396
Facility Engineer:	Stearns & Wheeler, LLC
For More Information	Koester Associates, Inc. (315) 697-3800