



*Project Profile...*



Grand Gorge, NY  
Wastewater Treatment Plant  
UV Disinfection System

**Basis of Design Data**

Average and Peak Design Flows	0.08 / 1.5 MGD
Total Suspended Solids (TSS)	less than 15 mg/l
Design Limit	200 Fecal [30 day geometric mean]
UV Transmission	65%

**Facility Contacts**

Chief Operator	Sal Palazzolo (607)588-7388
Design Engineer	Malcolm Pirnie, Inc.
Installing Contractor	Pizzagalli Construction Co.

**System UV4000: Trojan Technologies, Inc.**

Lamp Technology	Medium Pressure, Polychromatic Output
Peak Design	4 UV Modules 2 Lamps per Module 8 Total Lamps
Controls	Varying Lamp Output, PLC Interface Flow Proportion, UV Intensity Monitoring
Ballast Design	Electronic, One Ballast per Lamp
Lamp Cleaning	Automatic, Chemical and Mechanical
For More Information	Koester Associates, Inc. (315)697-3800