



*Project Profile...*



Village of Tully, NY  
Wastewater Treatment Plant  
Disinfection Upgrade

**Basis of Design Data**

|                               |                                   |
|-------------------------------|-----------------------------------|
| Average and Peak Design Flows | 0.65 / 1.3 MGD                    |
| Total Suspended Solids (TSS)  | less than 30 mg/l                 |
| Design Limit                  | 200 Fecal [30 day geometric mean] |
| UV Transmission               | greater than 55%                  |

**System UV3000: Trojan Technologies, Inc.**

|                      |  |
|----------------------|--|
| Lamp Technology      | Low Pressure, Monochromatic Output   |
| Peak Design          | 12 UV Modules<br>6 Lamps per Module<br>72 Total Lamps<br>2 UV Banks in Channel |
| Controls             | Flow Proportion, UV Intensity Monitoring<br>Effluent Level Weir                |
| Ballast Design       | Electronic, Two Lamps per Ballast  |
| Lamp Cleaning        | Manual   |
| Facility Contact     | Harold Kiehl (315)696-5988   |
| Design Engineer      | Barton & Loguidice, P.C.<br>Rich Straut, P.E. (315)457-5200                    |
| For More Information | Mark Koester (315)697-3800   |