



## Project Profile

### Village of Williamson, NY Wastewater Treatment Plant Disinfection Upgrade

#### Basis of Design Data

|                               |                                   |
|-------------------------------|-----------------------------------|
| Average and Peak Design Flows | 0.8 / 2.0 MGD                     |
| Total Suspended Solids (TSS)  | less than 30 mg/l                 |
| Design Limit                  | 200 Fecal [30 day geometric mean] |
| UV Transmission               | 65%                               |

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

|                       |  |
|-----------------------|--|
| Lamp Technology       | Low Pressure, Monochromatic Output   |
| Peak Design           | 14 UV Modules<br>6 Lamps per Module<br>84 Total Lamps<br>2 UV Banks in Channel |
| Controls              | Flow Proportional, Effluent Level Weir   |
| Ballast Design        | Electronic, Two Lamps per Ballast  |
| Lamp Cleaning         | Manual   |
| Facility Contact      | John Manahan - (315)589-9371   |
| Design Engineer       | Malcolm Pirnie, Inc. - Rochester, NY   |
| Installing Contractor | LeClaire-Fleming Mechanical Cont.  |
| For More Information  | Mark Koester (315)697-3800   |