

WASTEWATER DISINFECTION





## Proven UV Solutions for Low Quality Effluent & Large Flows Selected for some of the world's largest & most challenging treatment applications

Trojan Technologies Inc. is an ISO 9001: 2000 registered company that has set the standard for proven UV technology and ongoing innovation for more than 25 years. With unmatched scientific and technical expertise, and a global network of water treatment specialists, representatives and technicians, Trojan is trusted more than any other firm as the best choice for municipal UV solutions. Trojan has the largest UV installation base – over 4,000 municipal installations worldwide. In North America alone, almost one in five wastewater

treatment plants rely on our proven, chemical-free disinfection solutions.

The TrojanUV4000Plus™ is one of the reasons why. This robust, high capacity system introduced the benefits of high intensity, medium-pressure lamp technology to wastewater treatment. It also redefined sleeve cleaning technology with Trojan's patented, dual-action, chemical/mechanical ActiClean™ system. With over 375 installations – including some of the largest wastewater treatment plants in the world – the TrojanUV4000Plus™ is allowing engineers and operators to

incorporate chemical-free, UV disinfection for large flows of 10 MGD (1,578 m<sup>3</sup>/hr) and greater in a minimal amount of space – with a fraction of the number of lamps required by low-pressure systems. The extremely compact system can be used for low UV transmittance applications previously unattainable with ultraviolet technology. It also offers the flexibility to treat a wide range of wastewater; from primary, secondary and blended effluents to combined and sanitary sewer overflows to water for reuse applications.