

Revolutionary Wastewater Disinfection System – TrojanUVSigna™ – Selected by Missouri Site

LONDON, ONTARIO, CANADA – October 5, 2011 – Today [Trojan Technologies](#) announced that their newest open channel wastewater ultraviolet light disinfection system, the [TrojanUVSigna™](#) has been selected by Little Blue Valley Sewer District (LBVSD) of Independence, Missouri. The system is specifically designed for large-scale wastewater disinfection applications, makes conversion to UV disinfection easier, reduces total cost of ownership compared to chemical disinfection and simplifies maintenance for the wastewater treatment plant operations staff. UV disinfection is a physical process that inactivates bacteria, viruses and protozoa, making wastewater safe to discharge back to the environment.

“Municipalities who select the TrojanUVSigna are choosing today’s most innovative and advanced UV disinfection technology,” says Marv DeVries, president of Trojan Technologies. “We’re proud to be working with LBVSD and their design engineering firm HDR, Inc. on this installation.” Trojan will be supplying three channels of UV banks equipped with revolutionary [TrojanUV Solo Lamp™ Technology](#). The UV system will disinfect an average of 52 million gallons (197 million liters) of water per day, with peak capacity of 150 million gallons (568 million liters) of water per day.

The TrojanUVSigna was selected by LBVSD for installation at the Atherton WWTP for its exclusive benefits, including:

- system suitability for seasonal operation
- lowest number of UV lamps required and ease of operation and maintenance
- low total installed capital cost and long-term operating cost
- system design features and Trojan’s overall experience and support

“Our UV disinfection systems have become flagship products in the wastewater industry and the TrojanUVSigna, with Solo Lamp Technology, will be no different,” adds DeVries. Trojan has incorporated their latest lamp and technology innovations into TrojanUVSigna. These include 1000 Watt TrojanUV Solo Lamp Technology; the advanced Solo Lamp driver; ActiClean™ chemical/mechanical sleeve cleaning; and a built-in automatic bank lifting device. This system is the ideal solution for large facilities who want to cost-effectively convert from chlorine to UV disinfection.

LBVSD treats wastewater from the cities of Kansas City, Independence, Raytown, Blue Springs, Lee’s Summit, Grandview, Raymore, Sugar Creek, Greenwood and Belton, as well as Jackson and Cass Counties. The LBVSD operates the 52 million gallon per day Atherton WWTP near the discharge of the Little Blue River to the Missouri River.

About TrojanUV Solo Lamp Technology

In May 2010, after several years of development and testing, Trojan introduced their TrojanUV Solo Lamp Technology. By combining the best features of both low pressure and medium pressure lamps, this technology is enabling Trojan to launch a new platform of advanced UV systems. This line of products currently includes TrojanUVTorrent™ and now TrojanUVSigna. These systems not only provide maximum disinfection performance, but, through new design features, are now even easier to install, maintain and operate.

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About Trojan Technologies

Trojan Technologies (www.trojanuv.com) designs, manufactures, and sells UV systems for municipal wastewater and drinking water facilities, as well as for the industrial, commercial and residential markets. The company also provides UV treatment for the removal of chemical contaminants from water. With over 7,000 municipal facilities in more than 80 countries using its technology, Trojan has the largest installed base of UV systems in the world. Headquartered in London, Ontario, Canada, the company also has offices in the U.K., Germany, China, France, Australia, Italy, Spain, and the U.S.

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