

PRESS INFORMATION

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Canadian pioneer of ultraviolet disinfection technologies wins 2009 Stockholm Industry Water Award

Stockholm, June 8, 2009 – Trojan Technologies, a Canadian developer and proponent of large-scale ultraviolet (UV) water disinfection systems used worldwide, has been named the winner of the 2009 Stockholm Industry Water Award.

Based in London, Ontario, Trojan Technologies produces open channel and pressurized UV disinfection systems for industrial applications, municipal water and wastewater treatment, commercial integration, residential use, and elimination of environmental contaminants from wells and other sources of drinking water, including reused water. The company's innovations in low-energy lamp design and optimized reactor performance have established benchmarks for the field that have fostered



global adoption of UV technology. With installed systems at more than 5800 facilities in more than 80 countries, Trojan has led the worldwide drive for commercial, engineering, and regulatory acceptance of the technology as an environmentally sound alternative to traditional chlorine-based water treatment.

"Trojan's success has contributed to a viable competitive industry in the area of ultraviolet technologies, leading to the development of a full range of industrial technologies in both specialised and general applications," noted the Stockholm Industry Water Award nominating committee in its citation. "Their work with other members of the UV industry has advanced world-wide regulatory acceptance, overcome many limitations of existing technologies, and provided a new means of protecting public health and developing new sources of water supply."

Executives from Trojan Technologies will formally receive the Stockholm Industry Water Award at a ceremony during World Water Week in Stockholm this coming August.

A better solution to a global problem

By demonstrating and communicating the benefits of UV-based water treatment solutions to government regulators and industry bodies, and using education to alleviate public concerns over treatment and re-use of wastewater, Trojan Technologies has led adoption of the technology around the world. With water supplies at risk from overuse and contamination in both the developing and industrial regions of the planet, decision makers now increasingly select UV technology to ensure the safety of drinking water.

Ultraviolet light purifies water by destroying the ability of microorganisms to function and reproduce. In water treatment applications such as those pioneered by Trojan Technologies, specialized lamps project intense UV light into the water, effectively neutralizing the organic contaminants it contains.

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UV water treatment systems are especially effective at eliminating disease causing agents in wastewater. They destroy bacteria such as *E. coli*, viruses such as those causing hepatitis and polio, and virtually all water-borne pathogens, including chlorine-resistant types such as *Giardia* and *Cryptosporidium*. They also eliminate many micro-pollutants from herbicides and pesticides, a significant issue in agricultural regions.

UV technology also works more than 20 times faster than traditional chlorine based systems, with no environmental impacts from chemical leaks or any known disinfection byproducts that could be harmful to health.

By virtue of these combined advantages, UV treatment presents an especially effective solution to the interrelated challenges of water quality and sufficient supply in arid regions. Its proven performance in eliminating all contaminants has led to public acceptance and confidence in sophisticated new applications for wastewater re-use.

In its citation, the Stockholm Industry Water Award nominating committee highlighted several recent installations of Trojan systems that illustrate the potential of UV treatment for wastewater re-use applications. The most notable of these are large-scale projects in Orange County, California and South East Queensland, Australia.

About Trojan Technologies

Trojan Technologies (www.trojanuv.com) is a wholly-owned subsidiary of Danaher Corporation of Washington, D.C. Trojan 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 certain chemicals from water. With over 5800 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, Italy, Spain, and the U.S.

About the Stockholm Industry Water Award

The Stockholm Industry Water Award honours contributions by business and industry that improve the global water situation. It recognises and encourages innovation and leadership in sustainable development of the water sector. Established in 2000 in collaboration with the Royal Swedish Academy of Engineering Sciences and the World Business Council for Sustainable Development, the award will celebrate its 10th anniversary during the 2009 World Water Week.

The Award is administered by the Stockholm International Water Institute.

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