

Eltron Water Systems Awarded Food Contact Notice and FIFRA Label Exemption for Peracetic Acid Technology

BOULDER, Colo. – Nov. 10, 2014 – Eltron Water Systems' *IMPAACT*™ on-site peracetic acid generator is now environmentally registered with the USFDA and USEPA. The *IMPAACT*™ generator creates peracetic acid (PAA), a powerful green biocide, for microbiological control applications in municipal wastewater and food & beverage processing.

The newly issued Food Contact Substance notification (FCN 1362) covers direct use on all protein foods and processed produce. The USEPA FIFRA registration offers a wastewater disinfectant as an alternative to halogenated disinfectants including chlorine-based chemicals, and also directly compliments advanced oxidation process (AOP) treatment technologies, such as UV, for synergistic cost savings.

“We have spent over a decade on the research and development of this water technology and now that we have secured these two requirements with the FDA and EPA, we are aggressively entering the market,” said Eltron Water Systems President Paul Grimmer, “We look forward to providing a cheaper and more green product to both PAA end-users and suppliers for their anti-microbial needs.”

The *IMPAACT*™ on-site peracetic acid generator provides PAA mixtures with flexible pH ranges (from 2-13) and for point of use applications (from single digit ppm to 30,000 ppm PAA concentrations). Although dosage requirements for industrial grade bleach (Sodium Hypochlorite) and PAA are applied at a similar rate, PAA does not require a dechlorination step because PAA is an effective broad spectrum biocide that avoids formation of halogenated disinfection byproducts. Eltron Water Systems has 1 patent and 2 patents pending.

About Eltron Water Systems:

Eltron Water Systems (www.eltronwater.com) commercializes innovative, cost-effective water purification and disinfection technologies. Our solutions range from revolutionary electrochemical systems for water treatment and remediation to novel membranes for reverse osmosis and nanofiltration.

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Dr. Del Negro adjusting the IMPAACT™ on-site generator