



For Immediate Release

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City of Tempe, Ariz. Replaces Gaseous Chlorine Disinfection Systems with On-Site Sodium Hypochlorite Generating System for Two Water Treatment Plants

Johnny G. Martinez and South Tempe water treatment plants now utilize on-site generation to help meet enhanced disinfection and safety requirements

FORT WASHINGTON, Pa. – November 10, 2005 – The City of Tempe, Ariz. recently replaced the gaseous chlorine disinfection systems at its Johnny G. Martinez Water Treatment Facility (WTP) and South Tempe WTP with on-site sodium hypochlorite generation. The facilities, which were commissioned in October, are each equipped with a duty and standby ClorTec™ on-site sodium hypochlorite generating system, manufactured by Severn Trent Services. On-site sodium hypochlorite disinfection allows the City to reduce disinfection by-product formation (DBPs) as well as the potential hazards and security risks to plant operators and the nearby communities associated with chlorine gas.

The Johnny G. Martinez WTP system produces 3,000 pounds per day (lb/day) of sodium hypochlorite at a 0.8 percent solution and has a total storage capacity of 42,000 gallons. The South Tempe WTP system produces 2,250 lb/day of sodium hypochlorite at a 0.8 percent solution and has a total storage capacity of 30,500 gallons. Severn Trent Services provided temporary on-site disinfection systems that were used for about a year while expanded facilities were constructed to house the new equipment.

According to Don Hawkes, water utilities manager for the City of Tempe, "Safety, security and long-term capacity were the highest priorities in making the switch from gaseous chlorine to on-site sodium hypochlorite generation. The support we received for the temporary systems while construction was in progress was outstanding, and the new sodium hypochlorite generating systems are operating flawlessly."

Carollo Engineering was responsible for oversight engineering for the project and served as the design engineer. M.G.C. Contractors was the general contractor.

About Severn Trent Services

Severn Trent Services (www.severntrentservices.com), based in Fort Washington, Pa., is a leading supplier of water and wastewater treatment solutions. The company's broad range of products and services is concentrated around disinfection, instrumentation, and filtration technologies, pipeline analysis, rehabilitation and repair services, contract operating services and state-of-the-art residential metering products and services. Our international management services business provides support in all aspects of water and wastewater utility operational development and business transformation. Severn Trent Services is a member of the Severn Trent Plc (London: SVT.L) group of companies. An international environmental services leader, Severn Trent is a FTSE 100 company.

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The ClorTec™ CT Series Sodium Hypochlorite Generating System from Severn Trent Services