

SIGMA Helps Double Capacity at Tennessee Water Treatment Facility: Large-sized Restraints Essential to Renovation of McCroskey Island Plant

SIGMA Corporation was proud to serve as the specified supplier of fittings and restraints for the renovation of the 3-year, multi-million-dollar renovation of the McCroskey Island Wastewater Treatment Plant in Sevierville, TN. The wastewater capacity needed to be more than doubled, from 3.6m gallons per day (mgd) to 7.6mgd. The owner-operator of the treatment plant not only wanted to build for immediate needs, but also planned to future-proof the plant to accommodate additional population growth and demands from future businesses.

SIGMA supplied 127 tons of fittings and restraints; this included upwards of 250 4" to 54" MJ & Flange fittings and more than 450 4" to 54" DI restraints. The materials was delivered in 10 full flatbed loads which were sequenced on preset schedule with Ferguson Waterworks & Judy Construction to ensure optimal efficiency and maintain the construction and installation schedule.

Steve Sullivan, Superintendent of Judy Construction, praised SIGMA's reliability and quality: "In terms of those 10 flatbeds full of SIGMA products, only one single bolt was an issue. Their products are dependable. We can specify SIGMA and not worry about problems now when installing them or down the road."

Paul Lawrence of Judy Construction comments, "We have used SIGMA products including large diameter fittings and restraints for many years. We have always been pleased with the quality of the products. SIGMA played a key role providing the fittings, and restraints. All of their products were delivered to the project in good condition and in a timely manner."

Because SIGMA was in the bidding process from day one, they were already specified as an approved supplier. This enabled them to provide nimble, real-time responses to changes from the distributor and the end customers. SIGMA's 'boots on the ground' support delivered immediate solutions to issues arising at every stage of the project, whether that involved technical consultation, advice, or to provide hands-on assistance if the contractor or consulting engineer hit a roadblock.

Over the past few years, SIGMA's Plant Division has supplied product for similar jobs in numerous markets across the country. With the aging water infrastructure across North America, the need is growing. In response, SIGMA has strategically increased its on-ground inventories and proactively expanded foundries' capacities. They have also broadened their services and capabilities to address the unique demands of treatment plant projects.

Dennis Wilson, SIGMA's Technical Sales Coordinator, explains SIGMA's approach: "We are one of the few suppliers positioned to provide both large diameter fittings and restraints in a timely manner. With our warehouse and distribution network that spans the entire continent, we can supply product anywhere in North America quickly, reliably, and efficiently."

As water infrastructure ages and the need for upgrades and demand for water continues to grow, engineering professionals will be called upon to address this looming crisis. They will need reliable suppliers of quality restraint products to ensure safe, ample water supply for the US.

SIGMA Corporation has been a leading pipe restraint supplier in quality, service, and innovation since 1985. Their well-established global manufacturing and logistics network ensures optimal efficiency, fair pricing, and boots-on-the-ground in all of their factories worldwide, and their domestic production is responding to meet market demands.

For more information please visit www.sigmaco.com





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