

SIGMA Delivered 250-ton Order to OMAHA Customer in Record Time

Like many water systems across the US, Omaha Metropolitan Utilities District (MUD) is overhauling its aging infrastructure. The public water utility launched an ambitious overhaul of one of its three Water Treatment Plants. Located a stone's throw from the Missouri River, MUD's renovation project involved replacing aging waterworks infrastructure including the main header system at the plant.

The OMAHA Metropolitan Utilities District is responsible for providing drinking water to a population of nearly 600,000 customers in the metro area. The renovation is complex; the treatment plant originally dates to 1889. In the initial phase of the renovation, the engineering company 'flagged' the area in preparation for installation of the new treatment plant pipes. According to Melissa Polito, MUD's Director, Water Production and Pumping: "There is a spaghetti network of pipes; our system has evolved over some 134 years. Today, this same plant has a capacity to pump 158 million gallons of drinking water a day. We'll replace half the main header system and keep the other half in operation. We'll then flip-flop the system and address the second half. In this way, there will be no interruption of service."

MUD tapped SIGMA to supply much of the material needed for the project, and delivery of all SIGMA products to the job site was seamless. The fulfillment of an order this size is an achievement, especially given the supply chain issues that many in the industry are facing. Larry Rybacki, SIGMA's President commented: "This was no mean feat: I'd like to pay tribute to SIGMA's inside sales team, especially Matt Levysson and Viviana Lopez, who pulled out all the stops to fulfill this order, on time and on budget."

The MUD project includes the replacement of the suction and discharge lines along with the service valves, which mostly connect to 48" pipes. The SIGMA order filled 13 trucks, weighed in at a hefty 500,000 lbs, and consists of 300+ Pipe Restraint Products including SIGMA's larger sized 48inch restraints, 170+ ductile iron fittings and infrastructure-related products, including Polywrap. According to Dennis Wilson, SIGMA's Technical Sales Coordinator: "We hosted an onsite training session, and the contractor was impressed to learn about our built-in re-rounding ONE-LOK feature. On large installations, the capability to reconcile a ductile iron pipe's diameter is useful because it ensures proper restrained joint assembly at time of installation."

SIGMA was proud to play a part in this critical infrastructure project, working with contractor Hawkins Construction and design engineer Burns & McDonnell. 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 and infrastructure products to ensure a safe, ample water supply for the US.

SIGMA Corporation has been a leading pipe restraint and waterworks products supplier in since 1985. Known for quality, service and innovation, 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.

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