



The Latest in Technology For The Treatment Of Water & Wastewater

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If you would like to receive the Wet Gazette by email send your email address to kbray@hartwellenv.com

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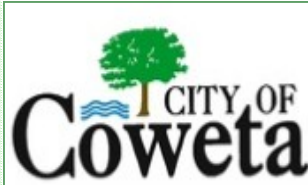
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First Zero Liquid Discharge MIEX® System to be Constructed in Oklahoma

Orica Watercare has been contracted to supply Oklahoma's first MIEX® System to the City of Coweta. The 4 MGD system treats water from the Verdigris River to remove color, reduce downstream coagulant demand, and contribute to a significant reduction in disinfection by-product (DBP) formation in the distribution system. Applied as a pretreatment process to conventional filtration, the MIEX® System will



allow the city to treat a challenging raw water source to achieve DBP compliance, while continuing to use free chlorine as a residual disinfectant. Coweta's system will feature zero liquid discharge, the first MIEX® System to completely



eliminate the liquid residual stream from the process. The project was designed by Professional Engineering Consultants (PEC) from Tulsa.

ZEBRA MUSSEL CONTROL

Cook Legacy Water & Energy offers the patented Jacquelyn™ Coating, a permanent metal coating to prevent biofouling. Jacquelyn™ has antifouling properties similar to those of copper-nickel but with very low copper leaching, leading to improved longevity



and environmental performance. An object coated with Jacquelyn™ will remain free of zebra mussel attachment while the surrounding water will remain safe. Jacquelyn™ is used for:

- Seawater intakes for desalination and cooling water
• Freshwater intakes for municipal plants and cooling water
• Biofouling prevention on the inside of piping
• New and existing projects

Visit www.waterscreen.com for information on the complete product line.

TULSA CHLORAMINE CONVERSION PROJECT

Not only in our Texas market but also in Oklahoma the ChemScan UV-2150/S Analyzer by ASA Analytics is rapidly becoming the most popular and reliable device offered



for the monitoring of free and total ammonia, monochloramine and total chlorine, all from a single device. One of our latest projects is for the City of Tulsa, at their A.B. Jewell and Mohawk WTPs. Each plant will incorporate two analyzers. The project, designed by CH2M Hill and installed by Crossland Heavy Contractors, both of Tulsa, is scheduled to go online early 2012.

YOU HAVE A FOG PROBLEM?

Most Wastewater Treatment Plants have problems with FOG, i.e. **F**ats, **O**ils and **G**rease. **Walker Process Equipment** has recently completed an upgrade of their **Scum and Grease Concentration System** which is used to combat FOG problems. The system is designed to:

- Process clarifier skimmings with high levels of FOG
- Separate floatable material from process water
- Eliminate re-introduction of skimmings to downstream treatment steps
- Maintain a homogenous, pumpable and concentrated product for disposal or further treatment such as energy recovery



Multiple sizes are available so give us a call about your particular FOG problem!



As we begin to wind down another year and pause to prepare for the next one, we want to thank our valued customers for their support which has contributed to our continued success and we wish all a Happy Holiday Season and a Prosperous 2012!



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Tulsa

Jim Beer, Amanda Beer

CITY OF LIBERTY COMPLETES NEW PROJECT

The **City of Liberty, TX** recently completed a WWTP Improvements project which included the addition of a new **One Meter Model G-GRSL-1 Series II Belt Filter Press** by **Komline-Sanderson Engineering Corp.** for sludge dewatering. In addition we supplied a new Chlorine Disinfection System by **Severn Trent/Capital Controls**. The project was designed by **Schaumburg and Polk, Inc.** and the installing Contractor was **Allco LLC**, both from Beaumont.



MORE NEW PROJECTS—WEST TEXAS AND THE PANHANDLE

Concho River Fountain San Angelo, TX

Engineer: **SKG** (San Angelo)
Contractor: **Darnell & Dickson Construction Inc.**
(San Angelo)
Equipment: **JWC Auger Monster®Screen**

MacKenzie Municipal Water Authority Tulia and Lockney, TX

Engineer: **Brandt Engineers** (Amarillo)
Contractor: **N.G. Painting** (Kerrville)
Equipment: **CST Covers Aluminum Dome Covers**