

PROVIDING EXCEPTIONAL ENGINEERED SOLUTIONS & SERVICES SINCE 1940

## MECO PROVIDES FIRE PROTECTION PUMP HOUSE TO HAILE GOLD MINE

[MECO](#) recently provided the Haile Gold Mine facility in Kershaw, SC with a new [pre-fabricated fire pump house](#). This was a total team effort in working with M3 Engineering to develop the proper layout and installation to accomplish their fire protection needs.

At the heart of the pump house are two Aurora fire pumps rated for 2,000 GPM @ 80 PSI. The electric fire pump will serve as the primary pump with the diesel pump serving a backup role. This design ensures the Haile Gold Mine will have full fire protection even with one pump being serviced for maintenance. Additionally, the customer opted to have [MECO](#) install a flow meter loop that recirculates back to the tank. The design will allow for annual flow testing of the fire pumps without discharging water onto the site.



The Haile Gold Mine is now set with their fire protection needs for years to come! Thanks to all that assisted!!

## MECO'S REPAIR SHOP: A QUICKER, MORE COST EFFECTIVE OPTION

A recent [MECO](#) repair of worn out Cornell food processing pumps to like-new condition.



## MECO FABRICATES SKID ASSEMBLIES FOR PLANT EXPANSION



An international plastics manufacturer recently contracted [MECO](#) to fabricate skid assemblies for three of their plant expansions. The systems included three chilled water skids, three ultraviolet purified water substrate process assemblies, three centrifugal pump skids and two water storage platform assemblies (pictured above). The assemblies utilized UV disinfection, filtration and sophisticated controls. [MECO's](#) Engineering Team secured the contract by offering an expedited delivery, value engineering and assembly redesign utilizing [Solidworks](#) 3D modeling. Brian Hitchcock served as [MECO's](#) lead in technical design. Sherry Radford led the application engineering efforts, while Dustin Hadwin served as the project manager.

## MECO NOW REPRESENTING JWC ENVIRONMENTAL

MECO is proud to now be partnering with JWC Environmental. JWC Environmental has recently acquired IPEC Consultants, Ltd. IPEC Consultants is a Canadian based manufacturer of solids/liquid separation products for waste water and specialty industrial process liquids.

Since 1979, IPEC has developed cost-effective drum screens, sludge thickeners, grit separators and solids conveyance and dewatering equipment for a diverse range of markets in 47 countries. With these products folded into the JWC brand umbrella, both IPEC and JWC customers now benefit from a larger, more diverse line of waste screening and separation products.

JWC Environmental designs, builds and services the world's most dependable waste shredders and screening systems to help our customers solve challenging waste reduction and recycling applications.

With a global presence and four decades of experience JWC works closely with customers to ensure successful projects. JWC assists customers in the energy, wastewater, recycling, marine and facility management sectors just to name a few.

We are excited to be a part of this new partnership. Contact MECO today for all of your JWC/IPEC needs!



## MECO NOW REPRESENTING FAIRFIELD SERVICE COMPANY

MECO is proud to now be partnering with Fairfield Service Company. Fairfield has been serving the Wastewater and Water industry since 1978, having more than 700 installations across several continents. Fairfield has installations in five of the top ten largest municipal treatment systems in the world. Their roots come from Fairfield Engineering Company, which served the materials handling industry as far back as 1919.

Fairfield is a single source provider for complete Headworks system with several styles of Mechanical Bar screening equipment, Compactors, Conveyors, Grit Collector Systems, Rectangular Sludge Clarifier Systems and components. They can also provide a Screw Press for sludge dewatering.

Fairfield's industry compliant Headworks screening equipment capabilities are extensive. They offer several Mechanical Bar screening technologies to meet the Client's application including: Muti-Rake (The Mach), Climber (The Claw), Catenary, Flexible Rake (Lock Link), Cable Bar Screen (The CAF), Deep Raker, MBR Spiralflo, Fine Screen (Stream Guard), and Traveling Water Screen, with opening sizes from 1 mm to 2 inch and channel depths from 1 feet to over 350 feet.

Fairfield offers a full line of Material Conveyance equipment including belt and screw conveyors, along with live bottom bins. They can couple screenings washer/compactors to convey cleaned and compacted materials to a debris container.

Grit collector systems consists of chain & flight, chain & bucket, bucket elevator, Integrated Vortex and Classifier system. Their rectangular sludge clarifier system and components consist of chain and flight equipment in either complete metallic, complete non-metallic or a combination of both materials.

Fairfield's new developments with patents pending are:

- Protecto Conveyor "Pipe Conveyor for odorless sludge and debris conveyance"
- Automatic Scum Skimmer System
- VorClass " Integrated Vortex and Classifier"
- 720 S Nylon chain with threaded cap & higher UTS



We are excited to be a part of this new partnership. Contact MECO today for all of your Fairfield needs!

## RECENT EVENTS:



MECO's Greg Dohn (left) & Justin Stallings (right) at the AFSA NC/SC Convention.



MECO's Carson Young (center) with Chris Crane from Newcomb & Boyd (left) during a recent ASHRAE Charleston Chapter golf event.



MECO's Bob McCollum (top left) & Keith Hall (bottom right) at the NCRWA Annual Conference & Exhibition.



## NEW FACES AT MECO

### MEET: GREG DOHN



In April, Greg Dohn joined the MECO family as the new Inside Sales Representative for Fire Protection. Greg was born and raised in Charlotte, NC and currently lives in Matthews, NC with his wife, Megan, and their daughter, Mollie (2). Greg & Megan are also expecting a baby boy in June. Greg studied Business Administration at UNC Wilmington and has an extensive background in Industrial Engineered Sales. In his free time, Greg enjoys spending time with his family, including his dog, Charlie. He also enjoys playing golf and working in his yard.

### MEET: KEITH HALL



MECO has recently welcomed Keith Hall to the family as Engineered Sales for the Western NC region. Keith grew up in Fairfax, Virginia but has family roots in South Mecklenburg County, NC and Lancaster County, SC. He currently lives in Fort Mill, SC with his wife, Melissa, and their children, Kaitlyn (4) and Miller (2). Keith holds a BS in Engineering Science and Mechanics from Virginia Tech and brings 13 years of experience in the water/wastewater industry. Away from the office, Keith enjoys tinkering with old cars, getting people to sweat through fitness kickboxing, finding the next best recipe in the kitchen and teaching his kids fun stuff like how to ride a bike.

## UPCOMING EVENTS:

 **MARK YOUR CALENDAR!**

**1 CORNELL PUMP COMPANY DISTRIBUTOR MEETING**  
**JUNE 12-15, 2016; PORTLAND, OREGON**

**2 NATIONAL PUMP CO'S JOHN HUBBARD—TRAVEL W/ MUNICIPAL SALES TEAM**  
**JUNE 28-30, 2016; NORTH & SOUTH CAROLINA REGIONS**

**3 WEFTEC**  
**SEPTEMBER 26-28, 2016; NEW ORLEANS, LOUISIANA**



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#### SIMPSONVILLE, SC

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### SERVING THE CAROLINAS FOR 75 YEARS

Since 1940, Mechanical Equipment Company has been deeply involved in the Industrial, Utility, Water/Wastewater and Commercial growth in the Carolinas. As our first priority, a commitment to customer satisfaction has been the major factor in our success and growth. From a one-man company in 1940, we are now a firm with nine experienced outside sales engineers who are backed up by eight highly trained inside sales and engineering staff. We also offer a customer service and office staff of seven, as well as a service department.

Continued representation of several major principals for over fifty years is evidence that our primary commitment to customer satisfaction is the major reason for our stable expansion since 1940.

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