

MABA May Webinar

Fixing the Pain Points in Solids Treatment

Tuesday, May 18th | 12:00 PM – 1:30 PM

Visit the MABA website [here](#) for complete details and to register. \$10 Member | \$15 Non-Member

Digester Defense by In-Line Sludge Screening

Chip Pless, HUBER Technology, Inc

Chip is a mechanical engineer and Group Product Manager for HUBER's biosolids technologies. Since joining HUBER in 2010, Chip has concentrated on biosolids and has been involved in the design of hundreds of systems in screening, thickening, and dewatering. He has installed eight dryers and is a member of the WEF Bioenergy Subcommittee Dryer Task Force. The inline sludge screen (HUBER Strainpress®) has been in use for over 25 years for pre-screening sludges for digestion and thermal hydrolysis, for pre-screening FOG and/or scum, for screening food waste, for removing fibrous material prior to drying (to increase product density), and for screening sludge prior to land application. This presentation will describe how the inline screen functions on the same premise as a headworks screen, and how it can be installed into existing systems, with slight modifications. It will show how it functions, how it is operated and maintained, and some of the pitfalls for operators.

Mechanical Optimization of Dewatering Equipment

Adam Parmenter, HDR, Inc.

Adam is an engineer and project manager with HDR and co-chair of HDR's Biosolids Practice Group. He has been working on biosolids projects for 18 years and has been designing, constructing, and commissioning projects involving thickening, dewatering, digestion, biogas utilization, drying, and centrate treatment. Dewatering is a complex process which requires optimization efforts for effective and efficient operation. The Mechanical Optimization of Dewatering Equipment presentation will assist operations and maintenance groups in understanding the optimization potentials and opportunities.

Blue Plains WWTP Pumping Opportunities

Dennis Morris, DC Water

Dennis is a mechanical maintenance foreman at DC Water. He and his team are responsible for the maintenance, repair, and improvement of DC Water's Thermal Hydrolysis (THP) and Pre-Dewatering processes. He oversees several types of pumps for moving sludge at various stages of the process -- progressive cavity, rotary lobe, screw centrifugal and chopper pumps. Each system has unique challenges, and Dennis will describe how root cause analysis at a front-line level taps the experience of the people performing the work. Dennis has earned certifications as Reliability Leader and Professional Maintenance Manager.