

Learning Over Lunch: Hannibal's New Granular Activated Carbon Treatment Facility

Format: Virtual (GoToWebinar)

Date & Time: October 15, 2020; Noon

Registration fee: FREE

Hosted by: MO-AWWA Young Professionals

Description:

Please join us for a lunch presentation by Logan Forsythe, Civil Engineer at Black & Veatch St. Louis, and Karen-Marie Dietze, Process Engineer at Black & Veatch Kansas City, on their recent project for the Hannibal Board of Public Works. In 2017, City of Hannibal voters passed a referendum requiring the City's water treatment plant (WTP) to discontinue the use of chloramine treatment and transition to free chlorine. With support of Black & Veatch, the City evaluated treatment alternatives, distribution system modifications, and the City's historical data to ultimately recommend a long-term solution that can address the public's concerns while meeting regulatory requirements for DBPs.

This presentation provides an overview of the initial alternatives analysis, GAC pilot testing, and design and construction of a new GAC treatment facility at the Hannibal, MO WTP.

SPEAKERS

	<p>Logan Forsythe <i>Civil Engineer at Black & Veatch</i></p> <p>Logan's experience includes alternatives and planning studies, design of hydraulic systems, facility layout, site planning, equipment selection, construction cost estimates, and construction services. Some of his projects include a DBP alternatives study for Monroe City, MO; design of a residuals pump station at the East St. Louis WTP; long range planning for the Blendville WTP in Joplin, MO; design and construction services for the Hannibal GAC facility; three new drinking water wells for St. Peters, MO; and ongoing construction management support for the MSD Deer Creek Sanitary Tunnel project.</p>
	<p>Karen Marie Dietze <i>Process Engineer at Black & Veatch</i></p> <p>Karen Marie Dietze is a process engineer in Black & Veatch's Water Technology Group responsible for design of conventional and advanced drinking water treatment systems. Karen Marie is responsible for leading process evaluations to address water quality and treatment challenges, including taste & odor control and disinfection byproduct formation. Karen Marie's experience includes bench-scale and pilot testing of enhanced coagulation, alternative oxidants, high-rate clarification, and granular activated carbon adsorption.</p>

Registration Link: <https://attendee.gotowebinar.com/register/2022992953547668747>