

# Midwest Operator's Expo – WWOA Seminar

**YOU WON'T WANT TO MISS THIS:** Hosted at the Kalahari Resort on **Tuesday, February 10<sup>th</sup>** in conjunction with the **Midwest Water & Wastewater Operator Expo**. Your registration to the Wastewater Seminar will provide you with a day of training, spending time in the expo hall with vendor talks, hands-on demonstrations, and classroom sessions.

**Registration:** \$105.00 per person (includes seminar, Tuesday Expo and lunch). Register using the form below or online at:

**Prize Opportunity:** There will be a **separate raffle opportunity** in the Wastewater Seminar room. Each presentation you are in attendance for gets you a ticket. **Drawing will be after the last presentation. Must be Present to Win**

**CECs:** Earn 5.5 Wastewater Continuing Education Credits for attending

**7:30 to 8:00** *Registration*

**8:00 to 8:40** *From Field Data to Operational Insight: Modern Tools Transforming Wastewater Systems*  
*Marcus Bush – TYLin*

**8:40 to 9:25** *Low D.O. Operation – Efficiency and Optimization for Nutrient Removal*  
*Jack Karnes – Strand Associates*

**9:25 to 10:10** *Class A Sludge Management and Monitoring*  
*Ryan Yentz - Strand Associates*

**10:10 to 10:30** *Municipal Environmental Group – Wastewater Division (MEG Wastewater) – A Resource for Municipal Wastewater Utilities* *Vanessa Wishart – Stafford & Rosenbaum*

**10:30 – 11:00** *Break in Expo Hall*

**11:00 to 11:30** *The Complexity, Challenges, and Options of Biosolids Testing for PFAS*  
*Nick Nigro – Pace Analytical*

**11:30 to 12:00** *The Fate of PFAS in a Biosolids Dryer*  
*Patrick McNamara – Marquette University*

**12:00 to 1:00** *Lunch*

**1:00 to 1:40** *DMR Flight School: Steering Clear of Frequent Flyer Mistakes*  
*Amy Garbe & Brooke Klingbeil – DNR*

**1:40 to 2:00** *DNR Update*  
*Amy Garbe – DNR*