

INDUSTRIAL WASTEWATER WORKSHOP

Midwest Food Products Association Annual Convention

December 2, 2025 | 8:00 a.m.–4:30 p.m. | Kalahari Convention Center, Wisconsin Dells, WI

8:00 A.M.	INTRODUCTION <i>Rachel Kloos, ISG</i>
8:15 A.M.	COMPLIANCE 101 <i>Tom Atkinson, ISG</i> <i>Review of current and future compliance limits and rules, including land application of treated wastewater and sludge.</i>
9:15 A.M.	CHEMICALS IN WASTEWATER <i>Shaun Hooth + Joel Cook, Hydrite Robert Huber, Anderson</i> <i>Review of chemical uses in an industrial facility, from process area cleaning to treatment in wastewater facilities, as well as the chemistry of jar testing and what it tells us.</i>
10:15 A.M.	BREAK
10:30 A.M.	LOW-PRESSURE COMPRESSORS + BLOWERS <i>Charlie Frost, Atlas Copco</i> <i>Review of low-pressure blowers for industrial and municipal wastewater aeration processes, including sequencing batch reactor (SBR), membrane bioreactor (MBR), activated sludge, and fermentation.</i>
11:15 A.M.	DAFs, MBBRs, AND APPLICATIONS <i>Adriaan van der Beek, FRC</i> <i>Overview of dissolved air flotation (DAF), moving bed bioreactors (MBBRs), and solids dewatering technologies, including their function, operations and maintenance considerations, and real-world applications in food and agricultural facilities.</i>
12:00 P.M.	LUNCH
1:00 P.M.	INHIBITION MANAGEMENT + MEASUREMENT <i>Taylor Schoenfelder, ISG</i> <i>Review of chemical inhibition of wastewater treatment processes and technologies that can measure and mitigate this inhibition.</i>
1:30 P.M.	LAGOON TREATMENT <i>Brent Schultz, Triplepoint</i> <i>Discussion of the different scenarios in lagoons, such as algae growth, short circuiting concerns, nutrient removal, sludge build up, upgrade challenges, and maintenance considerations for a modern-day lagoon installation.</i>
2:15 P.M.	BREAK

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2:30 P.M.	SLUDGE DEWATERING Caroline Franciskato, ISG <i>Review of sludge dewatering technologies, including benefits and challenges, preferred inlet properties, and expected dewatered properties.</i>
3:00 P.M.	OPERATIONS + TROUBLESHOOTING Jake Charron + Jason Betancur, Staab <i>Explore case studies and troubleshooting in food manufacturing wastewater with leaders in construction and operations for wastewater treatment facilities.</i>
4:00 P.M.	GENERAL DISCUSSION All Speakers <i>Optional, interactive questions and answers session to address troubleshooting or wastewater operations.</i>