

SWOWEA Section Meeting

Wednesday, 15 March 2023

*Metropolitan Sewer District of Greater Cincinnati & Sanitation
District No. 1 of Northern Kentucky*

*Licking River, Highland Heights & Silver Grove EQ Tanks -
Sanitation District No. 1 of Northern Kentucky*

Time	Presentation Title
9:00am – 11:30am	<p>SD1 EQ Tank Tour: OWEA-XXXXX-XX 1.5 hrs</p> <p>Meet at the Licking River EQ Tank at 101 Andrews Way, Wilder, KY 41071. Wear proper footwear for a walking tour. No hardhats or safety vests required. Tours will start between 9-9:15am at Licking River EQ Tank. Travel to Highland Heights and Silver Grove EQ Tank at ~10am.</p>
11:30 am – 12:00	<p>MSDGC - Wastewater Engineering Building 1035 Woodrow Street, Cincinnati, Ohio 45204</p>
Lunch: 12:00	<p>Hammann's Catering, Buffet Style. Tossed salad, corn bread/rolls, pulled pork, brisket, BBQ chicken quarters garlic whipped potatoes, creamy coleslaw, and green beans.</p>
12:30	<p>Welcome & Business Meeting Justin Bahar, PE, SWOWEA President</p>
Technical Sessions:	
1:00 pm – 1:45 pm	<p>Storing Overflow in Wet Weather Tanks for a Cleaner Future in Northern Kentucky David White, PE, & Brad Barber, PE, Wade Trim OWEA- XXXXX-XX 0.75 hrs</p>
1:45 pm – 2:30 pm	<p>Air Valves for Wastewater Applications Dan Barr, PE, CT Consultants OWEA- XXXXX-XX 0.75 hrs</p>
2:30 pm – 2:45 pm	<p>Break & Door Prizes</p>
2:45 pm – 3:45 pm	<p>Data Driven Risk Assessments Result in Meaningful Capital Improvement Plans Kelly Kuhbander, PE, Strand Associates, Inc. OWEA- XXXXX-XX 1.00 hrs</p>
3:45 pm	<p>Closing Statement</p>

Directions

Pre-register by March 14, 2023, www.ohiowea.org. Pre-registration fees are \$15 members, \$25 non-members, \$5 students (w/ID). Walk-ins - \$35 members, \$50 non-members.

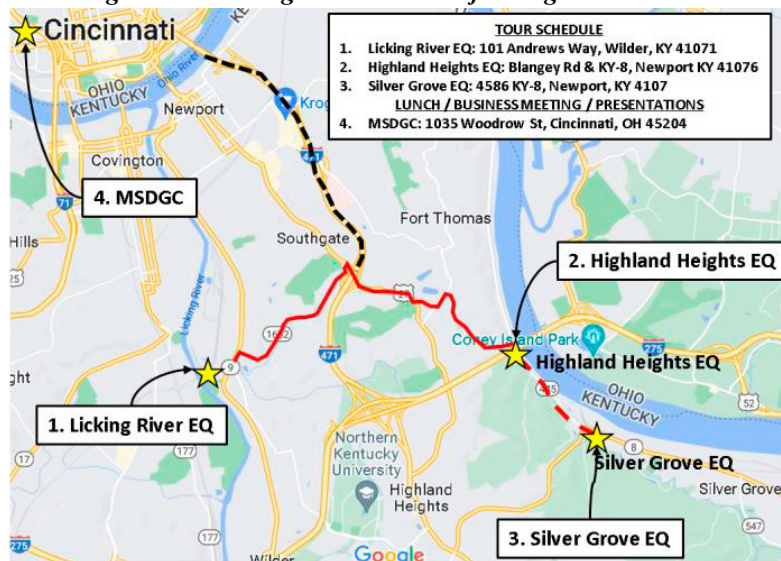
Contact: Ed Smith, SWOWEA Treasurer at esmith@masonoh.org or (513) 229-8570.

Credit card payment is available through www.ohiowea.org only. Meeting is free for new members with paid membership application. Please honor your reservation with payment if unable to attend.

Directions to Tour Starting at Licking River EQ Tank:

From I-75/I-71, Downtown Cincinnati

- Head south on I-471 towards Kentucky;
- Take Exit 2 towards Southgate, turn onto Alexandria Pk;
- Take sharp left onto Mook Rd, continue for ~1.7-miles
- Turn left onto Licking Pike, continue for ~0.2-miles;
- Turn right onto South St, continue for ~0.1-miles;
- Turn left onto Andrews Way, continue for ~0.2-miles;
- Licking River EQ Tank located at western terminus.
- **Parking available along street and in adjacent gravel lot.**



Directions to Highland Heights and Silver Grove EQ Tanks:

- Head east on Mook Rd for ~1.7-miles;
- Turn right onto Alexandria Pk/US-27, continue for ~0.9-miles;
- Turn left onto Grandview Dr, continue for ~0.2-miles;
- Turn left onto Ft. Thomas Ave, continue for ~0.2-miles;
- Turn right onto River Rd, continue for ~1-mile;
- Turn right onto KY-445/Mary Ingles Hwy,
- Highland Heights EQ located at intersection of Blangley Rd;
- Silver Grove EQ located at intersection of Lois Ln
- **Parking on street available**

Directions to MSGDC-Wastewater Engineering Building:

- Head north on I-471;
- Take exit 6A for US-50 S toward I-71/I-75/Third St;
- Keep left and merge onto US-50 W;
- Continue on US-50 W towards River Rd;
- Turn Right onto Evans St and continue ~0.4-miles;
- Turn left onto Gest St and immediate right onto Woodrow St;
- **Free Parking is provided in the front of the building**

President's Corner

I hope everyone is enjoying the warm spring weather in February! As you read this, please register for the March Section meeting touring the newest SD1 facilities (1.5 contact hours). After the tour, join us for lunch and technical sessions where contact hours (2.5 applied for) will be presented at MSD. At the business meeting after lunch, the nominating committee will present the candidate for the 2023-2024 3rd year director position. Nominations will also be accepted from the floor, and at the May Section meeting the new 3rd year director will be voted in.

Get Involved

I would like to recognize the executive committee for their work and support this past year, and please join me in welcoming Adam Athmer as the newest addition to the team! Adam brings years of experience with the Collections committee to the team. Welcome Adam!

- Dave Reinker, Past-President, City of Miamisburg
- Justin Bahar, President, MSD
- Kevin Stilwell, Vice-President, Clear Consulting
- Bryan McNutt, 1st Year Director, City of Middletown
- Ed Smith, Treasurer, City of Mason
- Chris Zdinak, 1st Year Director, MSD
- Joseph Kamalesh, 2nd Year Director, Stantec
- Adam Athmer, 3rd Year Director, Strand Associates, Inc.

If you would like to become more involved in SWOWEA, the place to start is by joining one of our many committees! As your organization brings in and trains new younger wastewater professionals, please encourage them to become SWOWEA members and to attend events. One of the best ways for them to learn is through networking and learning from others experiences - becoming a member of SWOWEA will provide them with an opportunity for growth and continued professional education. The existing committees you might consider joining include:

- Collections
- Industrial Waste
- Plant Operations
- Public Education
- Safety
- Watershed
- Young Professionals

Happenings

Congratulations to Kao USA, Inc, the 2023 Industrial Waste committee's Karl G. Voelkel award winner. Mike Cochran presented their program at the recent Industrial Waste Seminar. I had the pleasure of touring the facility, and they are top notch in their treatment and odor control, and forward thinking to always make their effluent and facility better. Thank you to the Industrial Waste committee for a wonderful event!

Put a place holder for our May section meeting TBD on or around May 18, 2023.

Watch for updates sent out via email and the WAVE. Please be sure to also check the website at <https://southwestowea.org/>.

Looking forward to seeing everyone soon!

Please let me know if you have any questions.

Thanks,
Justin Bahar

Executive Committee

President:
Justin Bahar
MSD of Greater Cincinnati

Vice President:
Kevin Stilwell
Clear Consulting, Inc.

Treasurer:
Ed Smith
City of Mason

Secretary:
Bryan McNutt
City of Middletown

1 Year Director:
Chris Zdinak
MSD of Greater Cincinnati

2 Year Director:
Joseph Kamalesh
Stantec Inc.

3 Year Director:
Adam Athmer
Strand

Past President:
David Reinker
City of Miamisburg

The Wave

*Newsletter of the Southwest
Section of the Ohio Water
Environment Association*

Editor: Justin Bahar -
MSD of Greater Cincinnati
Layout: Megan Bomar -
Hazen & Sawyer

Committee Reports

Industrial Waste Committee

The 33rd Industrial Waste Seminar was held on January 26, 2023, at the Manor House in Mason, Ohio. Thanks to all who made the Seminar a success! About 150 people attended the seminar, which is up to pre-Covid numbers. Twenty-one exhibitors provided opportunities to discuss products and services relevant to the wastewater industry. The seminar was also supported by eight sponsors. And, as usual, the food was good and plentiful.

The Karl G. Voelkel award was presented to Kao Corporation located in Cincinnati, Ohio. Kao has embraced environmental awareness by providing a well maintained and operated industrial pretreatment system. They have worked closely with Cincinnati MSD to improve the quality of their discharges and meet appropriate limits. The Kao team members exhibit a passion for “doing the right thing” and support the teamwork needed to accomplish this objective.

Seven presentations provided information on a variety of subjects and included:

- “Ohio EPA Division of Surface Water Update” by Tyler Bowman and Kristen Diesburg, Ohio EPA.
- “ORP Monitoring and Control” by Paul Krehbiel.
- “PFAS Issues for POTWs” by Bruce Smith, Dan Murray, and Brian Crone, USEPA.
- “Modern Wastewater Treatment Concepts for Food, Beverage, and Other Industrial Produced Waste Streams” by Siva Angappan, Headworks.
- “Kao USA: Waste Water Improvements and ESG Program” by Mike Cochran, Kao USA, Inc.
- “Using Biological Activity to Monitor Changing Wastewater Characteristics and Toxicity Events in Real-Time” by Jon Grant, Sentry.
- “Creating a Fats, Oils, & Grease Program from Scratch” by Sam Mcleod, BMP Compliance Group.



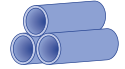
Pictured above: Samantha Doherty, Mike Cochran, Jacob Mathers from Kao accepting the Karl G. Voelkel award.

A total of 5.5 contact hours were provided.

The success of the Industrial Waste Seminar can be attributed to many individuals, including the Industrial Waste Committee members, SWOWEA Executive Committee members, presenters, exhibitors, and sponsors. Thank you all!

The IWC is beginning the process of planning next year’s Industrial Waste Seminar to be held on January 25, 2024. We are looking for presenters, exhibitors, and a Karl G. Voelkel Industry Award winner. So, if you are interested in presenting or exhibiting, or know an industry that exemplifies and embraces environmental awareness, please contact Jeff Frechtling at jeff.frechtling@bcohio.us or Barb Swafford at bswafford@zoomtown.com.

Collection Systems Committee



Collection Systems Committee

We hope everyone can come out and support SWOWEA at the March 2023 Section meeting, which as always will have a Collection Systems theme! We have a diverse itinerary centered around a few of the recently completed Wet Weather Equalization Tanks constructed by Sanitation District No. 1 of Northern Kentucky, which will start with a tour through the Licking River EQ Tank in Wilder, Kentucky, followed by lunch, the SWOWEA business meeting, and technical sessions on various collection systems topics, including the SD1 EQ Tanks in greater detail, and hosted by MSGDC. The event is scheduled for March 15, 2023, in the greater Cincinnati area. Please refer to the event flyer on the OWEA calendar for additional information.

Additionally, the State Collections System Committee will be hosting the annual statewide single day conference in Dublin, Ohio on May 16, 2023. We plan to have a host of various collection systems topics to fill the day.

As always, if you have any recommendations for presentation topics or suggestions of future workshops needs, feel free to (adam.athmer@strand.com, 513-861-5600).

See you out in the system!

Adam Athmer (adam.athmer@strand.com)

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