



CSWEA Webinar Series

Thursday – April 21, 2022

11:30 A.M. to 1:00 PM

Topic: Pretreatment Legal Update and Laboratory Bench Testing

- 11:30 am **Introduction – CSWEA Illinois Section Laboratory-Pretreatment Committee**
Eduardo Gasca | Committee Co-Chair – Terracon (St. John-Mittelhauser & Associates)
- 11:35 am **“Pretreatment Program Legal Update – Compliance and Enforcement”**
Lawrence (Larry) Falbe | Principal Attorney – Miller Canfield
- 12:15 pm **“Ferric vs. Ferrous in Digestors: A Laboratory Benchtop Comparison”**
Steven Polaskey | Laboratory Analysts – Fox Metro Water Reclamation District
- 12:50 pm **“Laboratory and Pretreatment Committee Update”**
Mary Dressel | Committee Co-Chair – DuPage County
- 1:00 pm **Adjourn**

CONTINUING EDUCATION

1.5 CEUs requested for Operators in Illinois, Wisconsin & Minnesota.
Operator ID/Quiz required for webinar.

2.0 PDHs for all Professional Engineers



COST

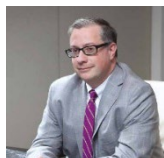
\$25 – Members (Discount Code: CSWEA)

\$30 – Non-Members

\$5 – Student (Discount Code: Student)

\$5 – International (Discount Code: International)

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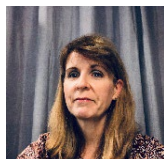
Larry Falbe is a Principal Attorney at Miller Canfield, an international law firm. Larry is an environmental attorney whose national practice focuses on transactional support of real estate and corporate deals, environmental and health & safety compliance and litigation, environmental criminal enforcement defense, voluntary self-disclosure of environmental violations, Brownfields issues, climate change, environmental justice aspects of development, and Environmental, Social and Corporate Governance (ESG) issues. Larry graduated from DePaul University College of Law and Augustana College.



Steven Polaskey is one of the Laboratory Analyst for the Fox Metro Water Reclamation District. Steve has worked in private, academic, and publicly operated water quality laboratories in four different regions of the USA for the last nine years. A case study of benchtop testing ferric chloride and ferrous chloride. Fox Metro was interested in switching from ferric chloride to ferrous chloride as the chemical additive to digesters. Before making the switch however, the lab was tasked with running a benchtop study to compare ferrous and ferric. We will discuss the importance of doing benchtop testing, how our lab went about doing the benchtop testing, and what we discovered.



Eduardo Gasca, P.E. serves as Terracon Environmental Site Investigation, Remediation and Compliance Group Leader in the Chicago metropolitan area. He is an Environmental Engineer with more than 30 years of environmental engineering and consulting experience. Mr. Gasca is one of the co-chairs of the CSWEA Illinois Laboratory & Pre-treatment Committee.



Mary Dressel is the Chief Chemist at DuPage County Public Works. She earned her bachelor’s degree in Chemistry from Benedictine University. She has over 25 years of experience including Pretreatment, Regulatory, Research and Analytical Testing for the Water and Wastewater Industries. Mary currently serves as co-chair of the CSWEA IL Laboratory & Pre-treatment Committee.