

2025 WATER SEMINAR

AGENDA



Clean Water, Compliant Operations: A Water Seminar for Illinois Businesses

SEPTEMBER 9, 2025

8:00 AM - 4:00 PM

SPRINGFIELD, IL

CROWNE PLAZA

AGENDA

MORNING SESSION

Welcome and Opening Remarks

Kelly Thompson, Executive Director
IERG

**Bureau of Water Introduction
and Funding**

Joey Logan-Pugh, Bureau Chief
Nidhan Singh, Manager,
Infrastructure and Financial
Assistance Section
Bureau of Water, Illinois EPA

**Drinking Water Program
Updates**

Matthew Maas, Division
Manager, Public Water Supplies
Tatum DeMay, Compliance
Assurance Section Manager
Bureau of Water, Illinois EPA

**Division of Water Pollution
Control Permit Section Updates**

Darin LeCrone, Manager, Water
Pollution Control Permits Section
Keegan MacDonna, Environmental
Protection Engineer, Division of
Water Pollution Control
Bureau of Water, Illinois EPA

**Water Regulatory
Developments: IPCB's Role
Amid Evolving Federal and State
Priorities**

Michael Mankowski, Board Member
Illinois Pollution Control Board

**Water Enforcement and
Compliance**

Michael Roubitchek, Deputy General
Counsel
Illinois EPA

LUNCH

**Environmental GPS: Where
We're Going
and How We're Getting There**

James Jennings, Acting Director
Illinois EPA

AFTERNOON SESSION

**The Regulation and Challenges
of Microplastics and Other
Emerging Contaminants**

Rachel Zajac-Fay, Senior Scientist
Geosyntec
Michael P. Murphy, Partner
HeplerBroom

**Emerging Technologies +
Strategies for Water Quality
Panel Discussion**

Moderator:
Melissa Brown, Partner, HeplerBroom
Panelists:
Fred Andes, Partner, Barnes & Thornburg
Mike Ursin, Senior Project Manager and
Area Leader, TRC
Sarah Meyer, COO, Enspered Solutions

Closing Remarks



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James Jennings
Acting Director
Illinois EPA

James Jennings was appointed as the Acting Director of the Illinois Environmental Protection Agency on September 13, 2024. Prior to that, James was Assistant Legal Counsel to the Illinois EPA's Bureau of Land for three years. James is Chair of the Association of State and Territorial Solid Waste Management Officials' (ASTSWMO) Materials Management Subcommittee. James obtained his law degree from the University of Kentucky and his undergraduate degree from the University of Cincinnati.



Joey Logan-Pugh
Bureau Chief,
Bureau of Water, Illinois EPA

Joey Logan-Pugh has been the Chief of the Bureau of Water at the Illinois EPA since January 2024. Previously, she was the Manager of the Compliance Assurance Section, overseeing enforcement under the federal Safe Drinking Water Act. Her career includes legal roles as Assistant Counsel at the Illinois EPA and Senior Assistant County Counsel with Fulton County, Georgia. She holds a law degree from St. Louis University and a bachelor's degree from the University of Illinois.



Nidhan Singh
Manager, Infrastructure and
Financial Assistance Section
Bureau of Water, Illinois EPA

Nidhan Singh is the Program Manager for the Illinois EPA's State Revolving Fund, overseeing wastewater and drinking water loan programs. With over a decade of banking experience, Nidhan brings a strong financial background and strategic perspective. He previously served as Deputy Manager and Finance Manager, ensuring the fund's financial health. Since joining in 2021, he has worked to advance equitable, sustainable, and transparent water infrastructure investments across Illinois.



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Matthew Maas
Division Manager, Public
Water Supplies
Bureau of Water, Illinois EPA

Matt Maas has 23 years of experience in water quality, operations, and environmental science. With Missouri American Water, he worked in various water quality roles. He then served as operations manager for California American Water's Sacramento district, overseeing ten water systems. Most recently, he was the Director of the Environmental Resources Training Center (ERTC) at SIUE for eight years, where he managed daily operations and provided training. He holds a BS in biology from Coastal Carolina University.



Tatum DeMay
Compliance Assurance Section
Manager, Public Water Supplies
Bureau of Water, Illinois EPA

Tatum DeMay, who holds a B.A. in Environmental Studies from Illinois Wesleyan University and an M.A. in Environmental Studies from the University of Illinois at Springfield, has been with the Illinois EPA for 10 years. She is currently the Manager of the Compliance Assurance Section in the Division of Public Water Supplies. Her section assesses compliance with the Safe Drinking Water Act, initiates enforcement, and manages the statewide certification program for water operators.



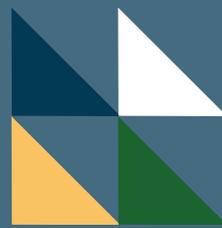
Darin LeCrone
Manager, Water Pollution
Control Permits Section
Bureau of Water, Illinois EPA

Darin is the Manager of the Permit Section in the Agency's Division of Water Pollution Control. He began his career with the Agency as a Permit Engineer in the Industrial Unit in 1992. He was then the Manager of the Industrial Unit from 2010 until May 2021, when he became the Permit Section Manager. Darin graduated from Southern Illinois University – Carbondale with a degree in Mechanical Engineering and is a licensed Professional Engineer in Illinois.



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Keegan is a supervisor in the Industrial Unit of the Permit Section in the Agency's Division of Water Pollution Control. He began his career with the Agency as an Environmental Protection Engineer in the Industrial Unit in 2019. He earned his Illinois Professional Engineer license in October 2024. Keegan graduated from Illinois State University and University of Illinois Urbana-Champaign with degrees in Physics and Mechanical Engineering, respectively.

Keegan MacDonna
Environmental Protection
Engineer, Division of Water
Pollution Control
Bureau of Water, Illinois EPA



Board Member Michael D. Mankowski was appointed to the Board by Governor JB Pritzker in July 2023. He previously served as the Director of the Office of Oil and Gas Resource Management at the IDNR. As Director, Michael oversaw the regulation of over 1,500 oil and gas operators and 28 underground natural gas storage fields. Prior to IDNR, Michael worked as an Assistant Attorney General in the Illinois Attorney General's Office. While in the AGO's Springfield Civil Environmental Bureau, he represented multiple state agencies in numerous significant cases dealing with air, water, and land pollution as well as natural resource damages and agency permitting matters. Mr. Mankowski has been active in the Illinois State Bar Association, serving on the Environmental Law and Mineral Law Section Councils as well as the Strategic Marketing and Marketing and Communications Committees.

Michael Mankowski
Board Member
IL Pollution Control Board

Mr. Mankowski received his Bachelor of Science Degree in Natural Resources from the Ohio State University. He received his Juris Doctorate with a Certificate in Energy and Environmental Law from Chicago-Kent College of Law.



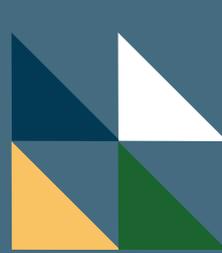
Michael Roubitcheck is a Deputy General Counsel with the Illinois EPA. In that role, he manages attorneys tasked with enforcing the State's wastewater and drinking water laws. Michael has over 20 years of environmental law experience, including two decades as an attorney with the Illinois EPA. In addition to his time in State Government, Michael previously practiced environmental law as an attorney with the law firm Godfrey & Kahn. Michael received his B.S. in Public and Environmental Affairs from Indiana University in 1998 and received his J.D. from the Chicago Kent College of Law in 2001.

Michael Roubitcheck
Deputy General Counsel
Illinois EPA



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Rachel Zajac-Fay
Senior Scientist
Geosyntec Consultants

Rachel Zajac-Fay is a Senior Scientist for Geosyntec Consultants in Tampa, Florida. Rachel has 18 years of professional experience in environmental consulting. She specializes in ecological risk assessments, ecotoxicology, contaminated site assessments, and emerging contaminants. Rachel specializes in emerging contaminants including per- and polyfluoroalkyl substances (PFAS) and microplastics and is a practice leader for Geosyntec's Microplastics group. She has designed studies for advancing passive sampling technologies for PFAS and performs ecological risk assessments in numerous USEPA regions and states. She is experienced with screening-level, refinement, baseline, and food-web modeling for terrestrial and aquatic environments for federal and industrial sites.



Fred Andes
Partner
Barnes & Thornburg

Fred Andes is a partner in the Chicago and Washington, D.C. offices of Barnes & Thornburg LLP. He advises trade associations, municipalities, and industries on water quality and PFAS-related regulatory, compliance and enforcement matters on the state and federal levels. He is also the coordinator of the Federal Water Quality Coalition, and manages the activities of the PFAS Regulatory Coalition. Mr. Andes graduated cum laude from Harvard Law School and obtained his undergraduate degree from Northwestern University.



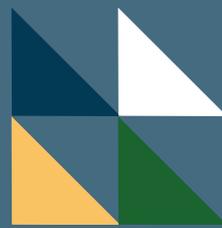
Mike Ursin
Area Leader
TRC

Mike Ursin is a Senior Project Manager and Area Leader with over 17 years of environmental consulting experience focused on the assessment, investigation, and redevelopment of contaminated properties throughout the Midwest and across the United States. He works with clients across both government and private sectors to navigate environmental liabilities during and after real estate transactions. Mike's broad environmental experience and technical expertise in the evaluation and investigation of PFAS sources and uses, provides clients with an "eyes wide open" perspective of potential PFAS liabilities.



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Sarah Meyer
Chief Operating Officer
Enspired Solutions

As Chief Operating Officer for Enspired Solutions, Sarah leads the organizational and business development efforts for the company and develops growth and market strategies. Sarah has over 25 years of experience in leadership in environmental research and consulting where she has been responsible for executing nationwide remediation projects, planning and implementing business development and marketing campaigns, and mentoring professional-level staff. She supports the Enspired Solutions mission to forward a diversity of people in STEM careers and permanently alleviate PFAS risks to ALL.

MODERATOR BIOS



Michael P. Murphy
Partner
HeplerBroom

Michael P. Murphy focuses his practice on environmental law, including litigating enforcement matters before state and federal courts and administrative agencies; assisting clients with environmental compliance questions involving federal and state statutes and regulations; guiding clients through permitting, rulemaking, and regulatory relief; and defending clients in tort litigation filed by private parties seeking damages for alleged environmental harm. He began his career at HeplerBroom in Edwardsville, Illinois, practicing throughout Southern Illinois. Since 2009, he has been based in the firm's Springfield office, serving clients across the state. He can be reached at michael.murphy@heplerbroom.com.

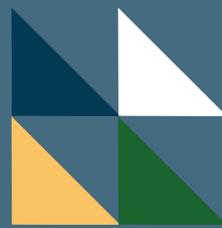


Melissa Brown
Partner
HeplerBroom

Melissa Brown, Partner, HeplerBroom, has developed a robust environmental law practice in which she assists businesses on a wide variety of environmental issues. Clients regularly rely on Melissa to provide counsel regarding compliance with federal and Illinois environmental statutes, regulations, and permitting. Melissa practices in HeplerBroom's Springfield, Illinois office. Melissa is a graduate of DePaul University College of Law (2014) and the University of Illinois at Urbana-Champaign (2010, B.A., Political Science).
Melissa.Brown@heplerbroom.com

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Isabel Zacharczuk
Project Scientist
Geosyntec Consultants

Isabel is a Project Scientist in Geosyntec's Chicago office, having 10 years of environmental compliance experience in industrial stormwater and pretreatment permitting. Prior to Geosyntec, Isabel focused on MS4 NPDES compliance, served as permit writer for wastewater discharge permits, and oversaw the pretreatment program at a regional California POTW. Since joining Geosyntec, she has expanded her environmental compliance portfolio by developing construction and industrial SWPPPs and Slug Control Plans, supporting industrial NPDES permit renewals, and conducting industrial stormwater audits. With a background as a regulator, she reviews permit requirements and helps clients coordinate with agencies to ensure compliance with federal, state, and local regulations. Isabel.Zacharczuk@Geosyntec.com



Aleia Bellcross
Senior Staff Scientist
Geosyntec Consultants

Aleia works for Geosyntec Consultants out of the Chicago, Illinois office. She received her PhD in atmospheric chemistry from Northwestern University, where her research focused on the surface chemistry of secondary organic aerosols to improve modeling of cloud formation and climate change. Previously, Aleia served as an air and water quality subject matter specialist with the USDOJ Bureau of Ocean Energy Management's Office of Renewable Energy Programs (OREP), where she aided with the NEPA permitting and deployment of over 10 GW of U.S. offshore wind developments. While at Geosyntec, Aleia has worked on a variety of environmental compliance and due diligence projects, including phase I/II investigations, industrial wastewater and stormwater permitting, and air permitting. Aleia.Bellcross@Geosyntec.com



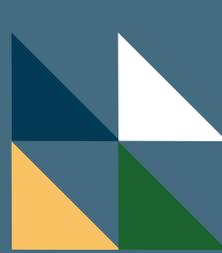
Christine Pietrzyk
Project Manager
Civil & Environmental Consultants, Inc.

With more than two decades of experience, Christine Pietrzyk is a seasoned project manager at Civil and Environmental Consultants. Her extensive background includes managing, implementing, and coordinating a wide range of environmental projects, from regulatory compliance and due diligence to specialized areas like asbestos and indoor air quality.



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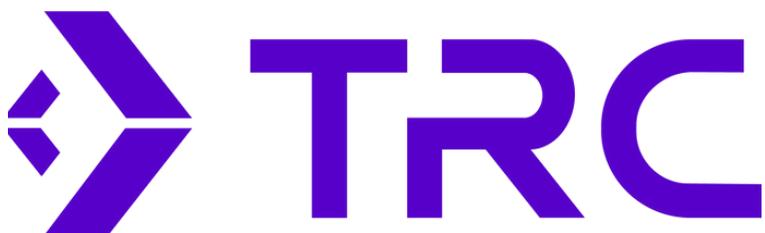
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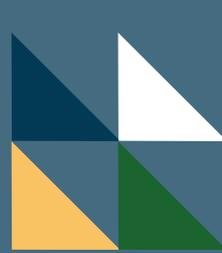
Geosyntec is a consulting and engineering firm serving public and private sector clients on complex environmental, natural resource, and civil infrastructure challenges. Founded in 1983, the firm includes over 2,800 engineers, scientists, and technical professionals across more than 130 offices in the United States, Canada, Europe, the Middle East, and Australia. Geosyntec offers specialized expertise in water and natural resources, environmental management, contaminated site assessment and cleanup, infrastructure planning and design, geotechnical and geological engineering, air quality, sustainability, ESG, and risk assessment. Additional services include transactional due diligence, coastal and waterfront engineering, and geospatial data solutions. Known for technical leadership and client-focused service, Geosyntec develops best-in-class capabilities across its practice areas to deliver innovative, effective solutions to the most demanding environmental and infrastructure projects. <https://geosyntec.com/>



For more than 55 years, TRC has delivered agility, fortitude, and peace-of-mind to public and private enterprises actively confronting changing landscapes. Our tested practitioners resolve your toughest challenges through an integrated approach that combines advisory, consulting, construction, engineering and management services for any built or natural imperative. Incorporated in Connecticut in 1969, TRC has spent half a century combining evidenced-based thinking with creative engineering and consulting solutions for a continually shifting world. From humble beginnings as The Research Corporation of New England, a meteorological and air quality analysis firm, TRC quickly expanded into the power and infrastructure markets and is now a global leader helping clients adapt to transformations, big and small. Learn more about us at <https://www.trccompanies.com/>.

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We navigate and bring clarity to the complex maze of environmental laws and regulations, including all phases of air, land, and water issues. And when litigation is necessary, we have the experience based on our defense of numerous enforcement actions and other environmental-related litigation, including mass actions, both in federal and state courts and administrative tribunals. The relationships we have built with environmental agencies benefit our clients as we work to resolve their compliance and permitting issues effectively and efficiently. We work closely with clients to identify goals and to devise strategies to achieve them. If negotiation is no longer an option, we provide vigorous advocacy in enforcement defense, permit appeals, and proceedings for regulatory relief. Learn more at <https://www.heplerbroom.com/>.



**Civil & Environmental
Consultants, Inc.**

Civil & Environmental Consultants, Inc., (CEC) is a leading environmental and consulting firm with more than 2,000 employees and 34 offices nationwide. CEC is employee owned and consistently ranked in Engineering News- Record's annual list as one of the Top Environmental & Engineering Design Firms in the nation. Our motto - bigger isn't necessarily better, Better is Best! CEC places great emphasis on our client partnerships – a core competency that separates us from our competition. We get to know you on a personal level to better understand your business goals and objectives, including the unique challenges you face. We are also forward looking and help you prepare for what's coming do down the road, with a sensitivity to you bottom line. <https://www.cecinc.com/>