

EIGHTEENTH ANNUAL

2023 MISSOURI WATER SEMINAR

Missouri's Most Important Water Protection Event of the Year

July 25-26, 2023

Stoney Creek Hotel & Conference Center

Columbia, Missouri

Presented by



with



STINSON

and



Day 1 Program Schedule

Tuesday, July 25

7:30 a.m. Registration & Breakfast

8:00 a.m. Welcome

KEVIN PERRY, Assistant Director, REGFORM

8:05 a.m. Water Update—The Year in Review

A re-cap of the most important issues, developments, and happenings since our last Seminar: Water Forum outcomes, regulation/policy changes, US EPA actions, appeals, CWC decisions, firsts, WOTUS, EJ and personnel changes.

JOHN HOKE, MDNR, WPP

DANA SKELLEY, US EPA Region 7

HANS HOLMBERG, LimnoTech

JAY HOSKINS, St. Louis MSD

TRENT STOBBER, HDR Inc.

KEVIN PERRY, REGFORM (Moderator)

8:50 a.m. Mini Break

9:00 a.m. PFAS Conditions in Industrial Stormwater Permits

States across the US are increasing their conditions related to PFAS in their industrial stormwater permits. From monitoring to inventorying products to source reduction and mitigation measures. Find out what our neighbors are doing and what you might expect in coming stormwater permits.

9:45 a.m. ROB MORRISON, Barr

9:50 a.m. Water Protection Program Update

Director Hoke and his team will update us on recent developments and discuss hot topics, including new rules in the pipeline, Triennial Review, Commission actions/decisions, major staffing changes, 303(d) listing methodology changes, and more.

10:45 a.m. JOHN HOKE, MDNR WPP Director

10:45 a.m. Networking Break

11:05 a.m. Maximizing Water Quality Improvements in the James River Basin: A Nutrient TMDL Success Story

In 2001, the Missouri Department of Natural Resources (MDNR) developed a Total Maximum Daily Load (TMDL) to address excess nutrients in the James River Basin.

Since that time, the flexible, phased implementation process has produced significant nutrient reductions from point and nonpoint sources across the watershed.

The next phase emphasizes nitrogen reductions through an innovative, watershed-based permitting approach that establishes opportunities to achieve downstream water quality goals through nutrient trading. This presentation will provide an overview of the TMDL and implementation history, with a specific focus on the newly-approved James River Watershed Total Nitrogen Permitting Framework and how it may serve as a model to address wide-scale nutrient issues in the future.

TRENT STOBBER, HDR

ERRIN KEMPER, City of Springfield

11:50 p.m. Lunch

12:30 p.m. Water: What We're Seeing. A View on Current Happenings from an Environmental Services Consultant

Geosyntec is an environmental services consultancy that serves clients across the country on municipal & industrial water projects, water supply, and wastewater treatment and management. Their work gives them a perspective on developments, trends, emerging problems and practices, and regulatory/permitting responses. Here's a peek behind the curtain at what they see while seeking solutions to their clients' unique water related situations.

1:10 p.m. CODY LUEBBERING, Geosyntec

1:15 p.m. Enforcement Around the Region and Beyond

We're well into the first Biden Administration and some of the unique approaches that flow from US EPA and the programs it delegates to the states. So...what's happening? Who's in the cross-hairs in Region 7? Who's learning firsthand what comes with the "new" approach to regulation and enforcement as the Biden administration races to get as much done as it can before the 2024 election.

BRITTANY BARRIENTOS, Partner, Stinson

1:55 p.m. Networking Break

2:15 p.m. PFAS Monitoring in Missouri

Forever chemicals are in the news. Lawsuits against manufacturers are being filed every minute. Businesses are worried. Governments are worried. Citizens are worried. So...is there something to be worried about? Here's a look at what we currently know about the presence of PFAS chemicals in various media in our State: fish tissue, ambient water, and groundwater.

ERIC MEDLOCK, MDNR, WPP

ROBERT VOSS, MDNR, WPP

2:45 p.m.

2:50 p.m. EPA Region 7 Water Update

Join us for a dialog with the Region 7 water director as he explores US EPA priorities and perspectives on water in Missouri and around the Region.


3:40 p.m. DANA SKELLEY, US EPA Region 7

3:45 p.m. Maui and CCR

The Supreme Court in *Maui* ruled that a permit is required "if the addition of the pollutants through groundwater is the **functional equivalent** of a direct discharge from the point source into navigable waters." The waves are now rippling out from the proverbial pebble in the pond as this ruling matures and regulatory agencies stand on more firmly established footing. A key target is EGUs with their ash ponds, which are located near flowing waterbodies. Missouri hasn't experienced a NPDES permit challenge by US EPA in

years. But now we have three! What's happening as the *Mau* decision develops and regulators take action?

4:15 p.m. BRITTANY BARRIENTOS, Partner, Stinson

4:15 p.m. Reception sponsored by 
(Ends at 5:30 p.m.)

Day 2 Program Schedule

Wednesday, July 26

7:15 a.m. Breakfast

7:35 a.m. Welcome to Day Two
ED GALBRAITH, Barr

7:40 a.m. **Sackett Part 2: Will the Supreme Court Decision on WOTUS Have a Real Affect on Missouri's WOTS?**
The Sacketts emerged victorious again in the highest court in the land. Non-adjacent wetlands and ephemeral streams are now beyond the reach Federal regulation. But how does this seminal ruling apply in Missouri where our State law is silent on WOTUS? Is it open season for development in wetlands? What will be the impact of *Sackett II* on drinking water, conservation, flooding, wetland mitigation, and other issues? Will Missouri adopt the ruling of the Supreme Court or devise a middle path?
JOEL RESCHLY, MDNR Legal Counsel
ED GALBRAITH, Barr
ROBERT BRUNDAGE, Brundage Environmental & Ag Law

8:40 a.m. ROGER WALKER, REGFORM (Moderator)

8:45 a.m. **The PFAS Problem with Biosolids**
The national biosolids program has weathered numerous tests over chemicals *du jour* over the past 40 years with transparency and good science/regulatory policy. PFAS chemicals present the latest – and likely greatest – such challenge to biosolids management. Hear how the biosolids program can be managed using good science and regulatory policy. Otherwise, what comes next will be sobering for utilities and indirect discharges alike. Direct discharges aren't the only ones facing challenges.
JAY HOSKINS, MSD
9:25 a.m. PAUL CALAMITA, AMCA

9:25 a.m. Networking Break

9:45 a.m. **An Aquatic Life Water Quality Standard for Cobalt**
Missouri has a WQS for cobalt (Co), but it's not for aquatic life. Recent efforts to recover metals and rare earths for the green economy have existing facilities looking at ways to recapture this resource in Missouri. That puts Co in the spotlight at mines and manufacturing facilities where there's reasonable potential. Permit writers need something to work with to avoid EPA objections. But does MDNR need to take the lead?

10:25 a.m. KRISTEN SIBLEY, MDNR, WPP

10:30 a.m. **Whac-A-Mole Anti-Corrosion Effort Pops Up a Zn Issue**
Pipes can be saved from corrosion with the use of zinc (Zn) as a sacrificial metal. A great solution! But when you solve one problem, another sometimes pops up. Now wastewater treatment operators and industrial pretreatment coordinators have to figure out how to address Zn (if it is even possible)! Sometimes doing a "good" thing creates unintended consequences.

11:05 a.m. NICK MUENKS, Geosyntec

11:10 a.m. **PFAS Water Quality Standards**
Missouri is evaluating the proposed PFAS aquatic life 304(a) criteria, as well as the proposed MCLs for certain PFAS compounds. The finalization and ultimately the adoption by the Missouri Department of Natural Resources will have a significant impact on NPDES permits in the future, as well as Industrial Pretreatment Programs from cities across the state. Come and find out the latest of what's happening and when it's likely to happen.

11:50 a.m. ROB MORRISON, Barr Engineering

11:55 p.m. Adjourn

Our Sponsors

STINSON



REGISTER FOR THE **2023 MISSOURI WATER SEMINAR** WITH YOUR CREDIT CARD AT:

www.regform.org/23WaterSeminar

	REGISTER NOW	REGISTER LATE/ ON SITE (after 7/18/23)
In Person, Standard Rate	\$390*	\$440*
In Person, Government Rate	\$205	\$255
In Person, REGFORM Member Rate	\$156*	\$206*
In Person, Early Career Rate	\$104*	\$154*

***includes processing fee**

CANCELLATIONS All cancellations received prior to 7/18/23 receive a refund minus a \$50 processing fee.

Cancellations received on or after 7/18/23 receive a refund minus an \$85 processing fee.

This refund policy applies to all registrations rates. No-shows will be charged full registration fee.

Substitutions are welcome at any time.

EARLY CAREER RATE Are you within your first 3 years of your career? You are eligible to register at the early career rate.

REGFORM MEMBERS Do you work for a law firm? Consulting firm? Government agency? If yes, you are not a REGFORM member. Please see the logos at the bottom of the page at www.regform.org. If you see your company/institution logo there, you are likely a REGFORM member and can register at the REGFORM member rate.

WHO SHOULD ATTEND?	LODGING
<p>EHS Personnel Utility Directors City Engineers Federal/State Water Professionals Environmental Consultants Environmental Attorneys</p>	<p>Stoney Creek Hotel & Conference Center 2601 South Providence Road Columbia, MO 65203 (573) 442-6400 Room rate: \$109/night + taxes/fees Reserve your room no later than 7/1/23 Mention MO Water Seminar</p>

REGISTER TODAY FOR THE **2023 MISSOURI WATER SEMINAR** AT:

www.REGFORM.org/register-here

Fees increase by \$50 on July 18, 2023 for all registrations. We will apply to the Missouri Bar for CLE hours.