



SEVENTEENTH ANNUAL

# 2022 MISSOURI WATER SEMINAR

Missouri's Most Important Water Protection Event of the Year

July 18-19, 2022

Stoney Creek Hotel & Conference Center **and via Live Streaming Video**

Columbia, Missouri

Presented by



with



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and



# Day 1 Program Schedule

Monday, July 18

- 7:30 a.m. Registration & Breakfast**
- 7:45 a.m. Tech Check for Online Participants**
- 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, and personnel changes.  
ASHLEY MCCARTY, MO Clean Water Commission  
CHRIS WIEBERG, MDNR, WPP  
JEFF ROBICHAUD, US EPA Region 7  
AIMEE DAVENPORT, STINSON  
JOSH YOUNGBLOOD, MPUA  
KEVIN PERRY, REGFORM (Moderator)
- 8:50 a.m. Mini Break**
- 9:00 a.m. Negotiating Your Facility-Specific NPDES Permit, With a Focus on Recent Additions of Special Conditions for Stormwater BMPs**  
Did you notice at the last minute that new boilerplate language for special conditions has appeared in your draft NPDES permit? Some view these new requirements as a starting point for discussions with your permit writer. Others see them like the Commandments carved in stone. Mr. Morrison will give us a heads up, so we can anticipate what might show up in our permits, and suggest approaches to negotiating with the Department to get the language you need for your unique facility and circumstances.
- 9:45 a.m.** ROB MORRISON, Barr  
ALLISON PEARSON, Barr
- 9:50 a.m. Water Protection Program Update**  
Director Wieberg and his team will update us on recent developments and discuss hot topics, including new rules in the pipeline, ARPA funding/projects, Commission actions/decisions, major staffing changes, total phosphorus reduction, and more.  
CHRIS WIEBERG, MDNR WPP Director
- 10:45 a.m.** JOHN HOKE, MDNR WPP
- 10:45 a.m. Networking Break**
- 11:05 a.m. Missouri Ended Up With 40 Lakes/Reservoirs Added to the Impaired Waters List by US EPA...How Did That Happen?**  
Mistakes were made. There's no doubt. Those can be corrected. But in the end, US EPA took action to add Lake of the Ozarks and Truman Reservoir, along with 38 other water bodies, to the 303(d) list. No one knows yet what impacts these listings will have. But we do have an understanding of what went into the decision. US EPA rejected the Clean Water Commission's policy on data age. They even used quotes in the news as the basis for determining fish kills. We'll hear the details along with some speculation about whether this is an indication of decisions that will be made in the future.  
ROBERT BRUNDAGE, Brundage Environmental and Ag Law LLC
- 11:50 p.m. Lunch**
- 12:30 p.m. The Latest on WOTUS**  
We've all heard talks on Waters of the US that began with *Rapanos*, *SWANCC*, Scalia, and now *Sackett*. That won't be happening here. But...WOTUS has changed again! Or it will. Mr. Jeffery will catch us up on just exactly what's happening now, with an emphasis on three enforcement cases in Region 7, and a discussion of how this applies in Missouri.
- 1:10 p.m.** STEPHEN JEFFERY, Jeffery Law Group
- 1:15 p.m. Enforcement Update, and ECHO too**  
We welcome Joe Clayton, the new Compliance and Enforcement Chief, to update us on what's going on in enforcement/compliance. And...the summer interns are back and more work is happening on the MOCWIS →ICIS→ECHO data connection. What progress is being made? What's the latest on SNC (significant non-compliance) rates in Missouri? Do you know about ECHO Notify? And, MOCWIS training will be available soon for everyone.  
JOE CLAYTON MDNR, WPP
- 1:55 p.m. Networking Break**
- 2:15 p.m. Infrastructure Investment and Jobs Act**  
The next big injection of money is in progress. Unlike ARPA, this one comes with some real strings attached. What's in the Act and how will requirements like Justice40 and Buy America affect the completion of projects? What are legal tangles that can be anticipated?  
SARA PRINGER, MDNR, Financial Assistance Center  
CALEB HALL, Stinson
- 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. We'll also hear from Jeff on Environmental Justice developments as well as the PFAS Strategic Roadmap.  
JEFF ROBICHAUD, US EPA Region 7
- 3:40 p.m.**
- 3:45 p.m. The Lead and Copper Rule...Where Are We Now?**  
The Lead and Copper Rule Revisions (LCRR) represent a major change in drinking water regulations impacting all 60,000+ public water systems in the U.S. All water systems will be required to develop a lead service line (LSL) inventory, strengthen treatment to comply with a new 10 microgram per liter (µg/L) trigger level, sample

schools and childcare facilities, and enhance public communications. Furthermore, systems with LSLs will need to develop a replacement program depending on lead compliance sample concentrations. Learn about the changes that will take effect and the systems that will be impacted in Missouri.

**4:15 p.m.** JEFF PINSON, MDNR, WPP

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

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## Day 2 Program Schedule

Tuesday, July 19

**7:15 a.m.** Breakfast

**7:35 a.m.** Welcome to Day Two  
JULIE MARKS, Allstate Consultants

**7:40 a.m.** **Doing Our Part to Wipe Out Gulf Hypoxia with TP Reductions**  
With much careful pre-planning, the Department has undertaken to plan and promulgate a total phosphorus reduction rule that will demonstrate Missouri's commitment to reducing the Gulf hypoxic zone *and* help us avoid the threat of a court-ordered TMDL. Trading will likely be a huge component during implementation. Who does this rule impact? How? What flexibilities are built in? What to expect and what to look out for. You can get ready.  
JAY HOSKINS, MSD

**8:40 a.m.** ANNA WILDEMAN, Troutman Pepper

**8:45 a.m.** **Drinking Water Residuals, BPI, and Narrative "Free From" Criteria**  
"Making" drinking water sometimes results in treatment residuals which when discharged, though harmless, sometimes violate the narrative "free from" criteria. Tim and Nick will help us understand the analyses done at these facilities and how that understanding feeds into a best professional judgment framework.  
TIM GANZ, Missouri American Water

**9:25 a.m.** NICK MUENKS, Geosyntec

**9:25 a.m.** Networking Break sponsored by



Jeffery Law Group

**9:45 a.m.** **Algal Toxins and MDNR's Regulatory Response to a MCE Petition**  
Faced with a petition from the Missouri Coalition for the Environment on recreational water quality criteria for cyanotoxins, the Water Protection Program is proposing an amendment to adopt US EPA's recommendations for microcystins and cylindrospermopsin. What are the effects of these bacteria on human recreation? And what impacts will this rule have on large lakes/reservoirs, and the small ones (<10 ac.), too.  
MARY SAMUELSON, MDNR, WPP

**10:25 a.m.** ASHLEY GRUPE, MDNR, WPP

**10:30 a.m.** **Parts per WHAT?! Grappling with EPA's reduced PFAS Health Advisory levels**

Less than one year into EPA's 3-year PFAS Strategic Roadmap the Agency has issued new health advisories, drastically reduced existing health advisories and moved forward on the path to listing certain PFAS as CERCLA hazardous substances and issuing formal restriction under the Safe Drinking Water Act. And by the time of the conference there may be more!

**11:05 a.m.** JESSIE MERRIGAN, Spencer Fane

**11:10 a.m.** **East Locust Creek Reservoir Source Water Protection**  
Drinking water reservoirs are one of our most valuable and vulnerable resources. Rather than putting these treasures in a vault, communities generally invite everyone to come and enjoy the resource. Allstate Consultants will present how they worked with community leaders to proactively protect water quality and accommodate public use in the proposed East Locust Creek Reservoir before construction began. This approach won the 2019 Source Water Protection of the Year Award from the Missouri Rural Water Association. The presentation will cover the participants' process and how to get these projects funded.  
GREG PITCHFORD, Allstate Consultants

**11:50 a.m.** JENNA ROE, Allstate Consultants

**11:55 p.m.** Adjourn

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[www.regform.org/22WaterSeminar](http://www.regform.org/22WaterSeminar)

	<b>REGISTER NOW</b>	<b>REGISTER LATE/ ON SITE (after 7/8/22)</b>
<b>In Person, Standard Rate</b>	<b>\$375*</b>	<b>\$425*</b>
<b>Live Stream, Standard Rate</b>	<b>\$375*</b>	<b>\$425*</b>
<b>In Person, Government Rate</b>	<b>\$205</b>	<b>\$255</b>
<b>Live Stream, Government Rate</b>	<b>\$205</b>	<b>\$255</b>
<b>In Person, REGFORM Member Rate</b>	<b>\$150*</b>	<b>\$200*</b>
<b>Live Stream, REGFORM Member Rate</b>	<b>\$150*</b>	<b>\$200*</b>
<b>In Person, Early Career Rate</b>	<b>\$100*</b>	<b>\$100*</b>
<b>Live Stream, Early Career Rate</b>	<b>\$100*</b>	<b>\$100*</b>

**\*plus processing fee**

**CANCELLATIONS** All cancellations received prior to 7/8/22 receive a refund minus a \$50 processing fee. Cancellations received on or after 7/8/22 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](http://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.

<b>WHO SHOULD ATTEND?</b>	<b>LODGING</b>
<p>EHS Personnel                      Utility Directors                      City Engineers                      Federal/State Water Professionals                      Environmental Consultants                      Environmental Attorneys</p>	<p>Stoney Creek Hotel &amp; Conference Center                      2601 South Providence Road                      Columbia, MO 65203                      (573) 442-6400                      Guaranteed room rate: \$94/night + taxes/fees                      Reserve your room no later than 7/1/22                      Mention MO Water Seminar</p>

**REGISTER TODAY FOR THE 2022 MISSOURI WATER SEMINAR AT:**  
[www.REGFORM.org/register](http://www.REGFORM.org/register)

Fees increase by \$50 on July 2, 2022 for all registrations. We will apply to the Missouri Bar for CLE hours.