



THIRTEENTH ANNUAL

2018 MISSOURI WATER SEMINAR

Missouri's Most Important Water Protection Event of the Year

SEPTEMBER 12 & 13, 2018

Stoney Creek Hotel and Conference Center
Columbia, Missouri

Presented by

REGFORM
REGULATORY ENVIRONMENTAL
GROUP FOR MISSOURI

with



and



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Day 1 Program Schedule

Wednesday, September 12

7:30 a.m. Registration & Breakfast

8:15 a.m. Welcome

ROGER WALKER, Director, REGFORM
MARK YINGLING, The Doe Run Company

8:25 a.m. Water Update—The Year in Review

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

LACEY HIRSCHVOGEL, MPUA

ED GALBRAITH, MDNR, DEQ Director

TRENT STOBER, HDR

JAN MILLINGTON, City of Springfield, Missouri

JEFF ROBICHAUD, US EPA Region 7

KEVIN PERRY, REGFORM (Moderator)

9:10 a.m. Mini Break

9:20 a.m. Approaches to Compliance Assistance (CA) and Avoiding Triggering True Enforcement

Through compliance assistance MDNR offers assistance to regulated entities to help them understand their responsibilities. CA can help facilities address compliance issues. These activities may be performed separately or incorporated into other compliance and enforcement actions. This presentation covers the variety of ways MDNR uses CA tools to achieve environmental protection.

ERIN LEPPER, MDNR, DEQ

PAUL DICKERSON, MDNR, WPP

10:00 a.m. PFOS and PFOA in Missouri

Perfluorooctyl Sulfonate (PFOS) and Perfluorooctanoic Acid (PFOA) are hot topics across the nation as communities and states examine their drinking water sources for contamination. Eric will present information about the monitoring results for PFOS and PFOA we have conducted of public systems under the unregulated contaminant monitoring rule as well as some targeted sampling.

ERIC MEDLOCK, MDNR, WPP, Public Drinking Water

TINA LIU, GHD

10:20 a.m. Networking Break sponsored by



10:40 a.m. Water Protection Program Update

The WPP Director will update us on recent developments and discuss hot topics including the program work during this year's drought, and priorities and initiatives for the upcoming year.

CHRIS WIEBERG, MDNR WPP Director

11:25 a.m. Impacts of the Ever Expanding 303(d) List of Impaired Water Bodies

The impaired waters list for Missouri seems to grow, but never shrinks. Why? What are the implications of this expansion? Can you really get a waterbody off the list?
ROB MORRISON, Barr Engineering

12:05 p.m. Lunch sponsored by



12:55 p.m. Corps Concepts

Don't miss this update on current Corps activity and how you might be more effective in working with the COE on permits. Also we'll hear about possible changes that may be coming.

JUSTIN HUGHES, US Army Corps of Engineers

1:35 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.

JEFF ROBICHAUD, US EPA Region 7, Director, Water, Wetlands, and Pesticides Division

2:10 p.m. WOTUS in MO? How Does It Apply?

Could WOTUS be about to change dramatically at the Federal level? What changes can you expect? Does it matter in Missouri? We've got MUDD, right?

AIMEE DAVENPORT, Stinson Leonard Street LLP

2:40 p.m. Networking Break sponsored by



Breakout Session Track One

3:00 p.m. Understanding Water Quantity Needs in Missouri

MDNR is moving forward to meet its requirement to have/maintain a State water plan. The focus is primarily water quantity. What have we learned? Will it matter to you?

ROB HUNT, MDNR, Planning Coordinator

3:20 p.m. Tips and Best Practices for Successful Permit Applications

Have you read your permit? Maybe you're expecting a draft from MDNR. Here are some tips on how to read your permit...things you should be looking for, anticipating particular issues, timing your discussions with MDNR, key concepts on the watch list, and prioritizing those things that could impact you most.

SAMANTHA ANDERSON, The Doe Run Company

NICK MUENKS, Geosyntec

MIKE ABBOTT, MDNR, WPP

4:00 p.m. Reception sponsored by

(Ends at 5:15 p.m.)



Track Two

3:00 p.m. Ethical Issues in Environmental Litigation (We have applied to the Missouri Bar for ethics credit for this session)
STEPHEN JEFFERY, The Jeffery Law Group

4:00 p.m. Reception sponsored by
(Ends at 5:15 p.m.)



Day 2 Program Schedule

Thursday, September 13

7:00 a.m. Breakfast

7:35 a.m. Welcome to Day Two
AIMEE DAVENPORT, Stinson Leonard Street

7:40 a.m. Smoke Testing, With a Drone
Smoke testing of sanitary sewer collection systems is a tried and true method for identifying sources of inflow & infiltration (I/I). It is inexpensive, but labor intensive. There can be a lot of walking. The City of Fulton recently deployed a drone to view smoking roof leaders and main building stacks in its *Brick District*. This presentation shows both the drone's aerial point of view and the ground-view of the drone at work. The City not only verified smoke exiting buildings appropriately, it also found a "smoking gun" of I/I.
PHIL WALSACK, Burns & McDonnell

8:05 a.m. Drones in Next Gen Compliance
BRITTANY BARRIENTOS, Stinson Leonard Street

8:30 a.m. Red Tape Reduction—Reg Changes Coming Soon
Curious how the Red Tape Reduction will impact permitting? Tim Bull from the WPP will be presenting some of the more impactful RTR changes.
TIM BULL, MDNR, WPP

9:00 a.m. Implementing New Numeric Nutrient Criteria (NNC)
The WPP is developing a plan for implementing new NNC for lakes. Learn how implementation will work. On one hand, you monitor and assess against criteria to determine whether the use is attained. On the other, you address how criteria are implemented in permits. A facility in a watershed with an impaired lake will experience something different from one in a watershed with lakes that are attaining uses.
JOHN HOKE, MDNR, WPP
ANGELA FALLS, MDNR, WPP

9:30 a.m. Networking Break sponsored by



9:45 a.m. Stormwater Best Management Practices - Maintenance vs Repair, a Cost Comparison
This session is an overview of various stormwater treatment system components used throughout the Midwest and a dive into the costs associated with initial system construction and system repair vs. routine maintenance and general upkeep. We'll familiarize you

with stormwater components and make the case that it is more fiscally responsible to maintain system components than replace them after failure. We'll look at specific examples of newly constructed Stormwater Best Management Practices (BMPs), routine maintenance costs and associated BMP performance benefits, as well as BMP repairs that occurred after a BMP was neglected or left without maintenance.
DREW HANE, Stormwater Pro STL

10:25 a.m. When do Corporate Officers and EHS Directors Become Personally Liable for Infractions

Are you your company's "designated felon?" Individuals working for a corporation can be held personally responsible for their company's violations of environmental laws and regulations. Liability is based on an individual's control of the conduct in question or the individual's direct involvement in or knowledge of the particular activity alleged to be in violation of the statute. If the criteria for individual liability are met, he or she can be assessed substantial fines, be charged with a felony, or risk time in prison.
ROBERT BRUNDAGE, Newman, Comley & Ruth

10:45 a.m. Legal Developments Affecting US EPA Region 7
We'll look at developments in case law and their implications, cases to watch in the near future, rulemaking and rule revisions in progress, and a couple of new US EPA compliance initiatives...all targeted for folks who are in the day-to-day business of complying.
DAVID COZAD, US EPA Region 7

11:15 a.m. No Exposure Certification for Exclusion from Stormwater Permitting
Many stormwater regulated facilities have limited outdoor exposure that poses little apparent risk of stormwater contamination. This type of facility often desires to pursue no exposure certification. But it's not always clear what can remain outside. We'll review the MDNR's new No Exposure Certification Form and Guidance document for new insights into how your facility can achieve no exposure.
AMANDA SAPPINGTON, TRC

11:35 a.m. Waste Water Treatment Processes for Nutrient Removal
MICHAEL THOMPSON, GeoEngineers

12:10 p.m. Adjourn

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REGISTER FOR THE **2018 MISSOURI WATER SEMINAR** WITH YOUR CREDIT CARD AT:

www.regform.org/18WaterSeminar

	REGISTER NOW	REGISTER LATE/ ON SITE (after 8/22/18)
Standard Rate	\$375	\$425
Government Rate	\$195	\$245
REGFORM Member Rate	\$150	\$200

CANCELLATIONS All cancellations received prior to 8/22/18 receive a refund minus a \$50 processing fee.
Cancellations received on or after 8/23/18 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.

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 Guaranteed room rate: \$91/night + taxes/fees Reserve your room no later than 8/22/18 Mention MO Water Seminar</p>

REGISTER TODAY FOR THE **2018 MISSOURI WATER SEMINAR** AT:

www.REGFORM.org/18waterseminar

Fees increase by \$50 on August 23, 2018 for all registrations.

We have applied to the Missouri Bar for CLE credits and 1 hour of ethics credit.