



ELEVENTH ANNUAL

# 2016 Missouri Water Seminar

Missouri's Most Important Water Quality Event of the Year

Presented by



with



## Day 1 Program Schedule

Thursday, September 8

**7:30 a.m. Registration & Continental Breakfast sponsored by**

**8:20 a.m. Welcome**

ROGER WALKER, Director, REGFORM  
JOHN MADRAS, MDNR, WPP Director

**8:30 a.m. Water Update—The Year in Review**

A re-cap of the most important issues, developments, and happenings since our last Water Seminar: Water Forum outcomes, regulation/policy changes, EPA actions, permit appeals, CWC decisions, firsts, and personnel moves, too.  
TODD HOUTS, University of Missouri  
ASHLEY MCCARTY, MO Clean Water Commission  
JOHN MADRAS, MDNR, WPP  
PHIL WALSACK, MPUA  
HEATHER NAVARRO, MO Coalition for the Environment  
KAREN FLOURNOY, US EPA Region 7, Division Director  
KEVIN PERRY, REGFORM (Moderator)

**9:15 a.m. Mini-Break**

**9:25 a.m. Flint: The Ripple Effects**

Recent events in Flint have driven awareness & action at a national level. State regulators have been indicted, agency heads fired, consultants investigated. Agency discretion is now questioned. We'll talk about what happened and how it affects facilities that have nothing to do with drinking water.  
TODD HOUTS, University of Missouri  
DAVID SHORR, Lathrop & Gage LLP  
LEANNE TIPPETT MOSBY, MDNR, DEQ  
ROGER WALKER, REGFORM (Moderator)

**10:10 a.m. Networking Break sponsored by**



**10:30 a.m. Water Protection Program Permitting Update**

The WPP's Operating Permit Section will update us on recent developments and discuss hot topics.  
CHRIS WIEBERG, MDNR WPP

**11:15 a.m. Permitting Q&A**

MDNR's Permitting Chief and WPP managers will answer your permitting questions.  
CHRIS WIEBERG, MDNR WPP  
JOHN HOKE, MDNR WPP  
REFAAT MEFRAKIS, MDNR WPP

**11:45 a.m. Director's Update**

The Water Protection Program Director will review Program highlights and uncover what's coming for regulated entities: eReporting, WQSs for lakes, efficiency actions, permit procedures, trading, multi-discharger variances, and more.  
JOHN MADRAS, MDNR, WPP

**12:15 p.m. Lunch sponsored by**



**1:00 p.m. Keynote: Emerging Water Policy Issues**

Sara Pauley identified water protection & enhancement as one of the highest priorities of her administration. She brought Our Missouri Waters (OMW), permit synchronization, and the watershed approach on line. She made Collaborative Adaptive Management a household word in the water world. Now she's talking about e-

Enterprise, Clean Water 4.0, and other emerging water protection constructs. She will update us on outcomes of OMW and her vision for the next chapter in enhancing our waters, including her aspirations for the State Water Plan. SARA PAULEY, Director, MDNR

**1:45 p.m. Springfield-Greene Co. Integrated Plan: A Citizen-Focused Approach**

Springfield's Integrated Plan addresses the challenge of increasingly stringent environmental obligations in an era of growing poverty, shrinking middle class, and increased demand for public spending. If communities are pushed too hard to address costly environmental mandates, there could be a backlash that reverses gains made over past decades. Springfield, Greene County and City Utilities developed a local approach to integrated planning. The approach has been endorsed by MDNR & EPA Region 7. ERRIN KEMPER, City of Springfield

**2:20 p.m. Don't Get Stuck in the MUDD**

When the Missouri Use Designation Dataset (MUDD) came online with the new stream classification scheme, it didn't seem to matter much that manmade structures and industrial impoundments were included. With the on-boarding of new nutrient criteria, concerns loom. Here's a How-To on how to find your facility and waterbodies in MUDD and specific actions you can take to remove them. ED GALBRAITH, CEC, Inc.

**2:35 p.m. Networking Break sponsored by**



**2:55 p.m. Continuing Authority and New Application Requirements**

The Clean Water Commission recently found that a CAFO permit was issued unlawfully because MDNR didn't evaluate whether the facility as required in Continuing Authority regs. Without specific direction, the CWC left all permit holders and applicants wondering if the ruling applies and how they can prove their ability to operate. Is there a problem? To which sectors should this apply? JOHN MADRAS, MDNR, WPP  
DARRICK STEEN, Missouri Corn/Missouri Soybean  
DAVID CASALETTO, Ozarks Water Watch

**3:30 p.m. WOTUS Status**

We'll explore the expansion of Waters of the U.S. through two decades of rules, guidance, and case law; the state of controversy over the existing rule (in 6th Circuit); and an assessment of how to prepare as the next phase unfolds. AIMEE DAVENPORT, Evans & Dixon

**4:00 p.m. Bullet-Proof Your Company from 3rd Party Suits & Claims**

Third party lawsuits and permit appeals filed against facilities are increasing. We will discuss several strategies you can employ to potentially minimize exposure to these claims and the liability, if such a claim is brought. STEVE JEFFERY, Partner, Jeffery Law Group  
BRUCE MORRISON, Of Counsel, Jeffery Law Group

**4:30 p.m. Reception Sponsored by**  
(Ends at 5:45 p.m.)



**7:00 a.m. Breakfast**

**7:50 a.m. Welcome to Day Two**

AIMEE DAVENPORT, Evans & Dixon

**8:00 a.m. The New Proposed NPDES Application Rule**

EPA proposed revisions to NPDES regulations to eliminate regulatory and application form inconsistencies; and improve permit documentation, transparency and oversight. What will these mean to you if adopted? Will EPA veto expired permits? What will happen to mixing zones? Will changes to reasonable potential impact you? ROB MORRISON, Barr Engineering

**8:40 a.m. Mini-Break**

**8:50 a.m. WET Testing – New Requirements and Implications**

Many permittees will soon be required to do 7-day chronic Whole Effluent Toxicity (WET) monitoring. We'll explain the nuances of chronic WET testing and how you can evaluate results before pursuing potential toxicity reductions. RANDY CRAWFORD, Geosyntec Consultants

**9:20 a.m. I can't hit my stormwater benchmarks. Now What?**

Many new stormwater permits require a Stormwater Pollution Prevention Plan that includes BMPs. New permits also include benchmark concentrations to meet. What if your samples never hit the benchmark? We'll look at the background of general stormwater permits and the rationale behind benchmarks & their concentrations. We'll look at BMPs that seem to be effective & those that don't. BILL LINDSEY, Midwest Environmental Consultants

**10:00 a.m. Networking Break sponsored by**



**10:15 a.m. What's Up on the Ground**

When it comes to wetlands, endangered species, and cultural resources, don't assume anything. You need to include them from the start when planning any project. We'll recon the Environmental Review process and offer practical expertise on what to expect and the latest developments. KATIE ASTROTH, CEC  
ED GALBRAITH, CEC

**10:45 a.m. EPA Region 7 Water Update**

Join us for a dialog with Region 7 water regulators exploring their priorities and perspectives on water issues in MO. JEFF ROBICHAUD, EPA Region 7, Water Div. Dep. Director  
JOHN DELASHMIT, EPA Region 7, Water Division

**11:25 a.m. Keys to Success in Industrial Stormwater Compliance**

Ensuring that your facility is in compliance with the requirements of your MO State Operating Permit should lead to a multiple tiered approach that includes evaluating site contaminants, preparing a Stormwater Pollution Prevention Plan (SWPPP), record keeping and compliance with other regulatory requirements, including Spill Prevention Control & Countermeasures Plans (SPCCP). We will discuss trends in inspections, record keeping tips, Corrective Action reporting, & correlation with SPCCP regs. TOM BIEKER, Environmental Works, Inc.

**12:00 p.m. Adjourn**

## Day 2 Program Schedule

Friday, September 9

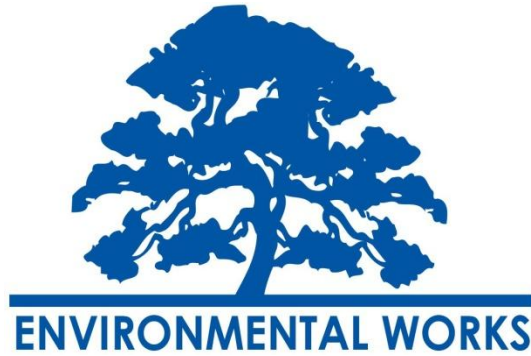
Thank you, sponsors

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**EVANS & DIXON** LLC  
ATTORNEYS AT LAW



**LATHROP & GAGE** LLP



## Seminar Attendees

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Brad Allbritton  
Taney County Regional Sewer Dist.

Samantha Anderson  
The Doe Run Company

Keith Arbuckle  
Duckett Creek Sanitary District

Katie Astroth  
Civil & Environmental Consultants

Andrea Balkenbush, MDNR

STACIA BAX, MDNR

Robert Beck, KCP&L

Thomas Beeching  
GHD Services, Inc.

Tommy Bieker  
Environmental Works Inc.

JOE BLUME, MDNR

Kurt Boeckmann, MDNR

Michael Bollinger, Ameren

Bruce Bowers  
Boehringer Ingelheim Vetmedica, Inc

Elke Boyd, Shafer, Kline & Warren

Heather Breitenbach  
Barr Engineering Co.

Robert Brundage  
Newman, Comley & Ruth P.C.

Tim Canter, EDI

Anika Careaga  
Midwest Environmental Consultants

John Carter, GeoEngineers, Inc.

Paul Carter, EFCO Corporation

David Casaletto, Ozarks Water Watch

Eric Christensen  
U.S. Geological Survey

Charles Clay, Gates

Chad Cooper, PDC Laboratories, Inc.

Mirriah Cooper  
Archer Daniels Midland (ADM)

Randall Crawford  
Geosyntec Consultants

Karen Curtit  
Shell Engineering & Associates, Inc.

Anna Custer  
Pace Analytical Services, Inc.

Don Daniel  
Rock Creek Public Sewer District

Aimee Davenport, Evans & Dixon

Samantha Davis  
MO Corn Growers Assn.

John DeLashmit, USEPA Region 7

Kim Dickerson  
Associated Electric Cooperative, Inc.

Steve Donatiello  
Laclede Gas Company

CAMERON EISTERHOLD, MDNR

Hannah Elton  
Exide Technologies

Laura Faletto, AECOM

Andrea Farr, BASF Corporation

JACOB FAULKNER, MDNR

Bill Florea, Boone County

Karen Flournoy, U.S. EPA

Raymond Frankenberg II, BFA, Inc.

Nicki Fuemmeler, Boone County

Ed Galbraith  
Civil & Environmental Consultants

CAROL GAREY, MDNR

Gail Gary, Ameren

Bryan George, WCA

George Gering  
City of Columbia

Joshua Grosvenor, MDNR

PAM HACKLER, MDNR

Ted Haeussler  
University of Missouri

Bob Hembrock  
Northeast Public Sewer District

LACEY HIRSCHVOGEL, MDNR

Jennifer Hoggatt, MDNR

JOHN HOKE, MDNR

Lynne Hooper  
Boone County

Andrew Horrell  
LafargeHolcim

Todd Houts  
University of Missouri

Steve Hunt  
City of Columbia

Alex Hurst, Evans & Dixon, LLC

Stephen Jeffery  
Jeffery Law Group, LLC

Christian Johanningmeier  
City of Columbia Water & Light Dept.

Aaron Jones  
Allstate Consultants

Mary Juan  
SunEdison Semiconductor

Sallie Keeney, REGFORM

Errin Kemper, City of Springfield

Erin Keys, City of Columbia

Kay Kincannon  
City Utilities of Springfield, Mo.

Eric Kopinski  
Mo Dept of Transportation

Jeffrey Kormann  
Midwest Assistance Program

Charles Kutterer  
SunEdison Semiconductor

Carrie Lamb  
City of Springfield

Brad Lewis, Doe Run Company

William Lindsey  
Midwest Environmental Consultants

JOHN MADRAS, MDNR

Bill Malach, City of St. Peters

Julie Marks, Barr Engineering Co.

Shawn Massey, MDNR

Sophia McCall  
APAC Kansas City, Inc

Ashley McCarty  
Missouri Clean Water Commission

Deidra McClendon,  
City of Columbia Water & Light

Ed McKane, University of Missouri

Jeff Medows  
Archer-Elgin Engineering

REFAAT MEFRAKIS, MDNR

Michael Montgomery  
The Doe Run Company

Nancy Morgan, Ameren

Bruce Morrison, Jeffery Law Group

Rob Morrison, Barr Engineering Co.

Melissa Myers  
Continental Cement Company

KATHLEEN NACY, MDNR

Heather Navarro, Coalition for the Environment

Angie Neal  
MO Army National Guard

ADAM PAIGE, MDNR

VIRAF PALSETIA  
Schreiber, Yonley & Associates

Sara Pauley, MDNR

Chris Pearman, MU EHS

Allison Pearson  
Barr Engineering Co.

Kevin Perry, REGFORM

Karla Pierce  
City of Independence

Gael Rasa, Ingredion Incorporated

Tom Ratermann  
Boone County Regional Sewer Dist

Joseph Richardson  
Northeast Public Sewer District

Tim Rielly, MDNR

Jeff Robichaud, USEPA Region 7

Richard Rocha, Bayer

Todd Sampsell, MDNR

Amanda Sappington  
Environmental Works Inc.

Cary Sayre  
Allstate Consultants, LLC

Paul Schaiff, Ingredion, Inc.

Phil Schroeder  
Newman, Comley & Ruth P.C.

Tim Schulte  
MO Army National Guard

AMBERLY SCHULZ, MDNR

Emily Schwartze  
Home Builders Association

Jason Seger, Rock Creek PSD

Ethan Shackelford, WCA

David Shorr  
Lathrop & Gage LLP

CYNTHIA SMITH, MDNR

Lorisa Smith, MDNR

David Sorrell  
City of Columbia

Penny Speake, Healy Law Offices

Darrick Steen  
Mo Corn Growers Association

Mike Stieffermann  
Associated Electric Cooperative, Inc.

Michael Stites, Honeywell

Robert Stout, MDNR

Kavan Stull  
Empire District Electric Company

KYLE TE, MDNR

Theresa Thomas, Boone County

Leanne Tippet Mosby, MDNR

Kathleen Trauth  
University of Missouri

Alicia Turner  
Newman, Comley & Ruth P.C.

EMILIE TWINING-GERDES, MDNR

Patrick Umphenour  
SET Environmental, Inc.

Darren Waclawski, Hach

Nola Wadley  
Pulaski County Sewer District #1

Benjamin Walczak  
The Doe Run Company

Roger Walker, REGFORM

Shannon Wallace  
Trinity Marine Products Inc

Phil Walsack, MPUA

Anastasia Welch, SCS Engineers

CHRIS WIEBERG, MDNR

Aaron Woods, MDNR

Ryan Youngstrom, Teklab, Inc.

COURTNEY ZIMMERMAN, MDNR