



TWELFTH ANNUAL

# 2017 Missouri Water Seminar

Missouri's Most Important Water Quality Event of the Year

Presented by



with



## Day 1 Program Schedule

Thursday, September 7

7:30 a.m. Registration & Breakfast **Foyer**

### Salon A/B

8:15 a.m. **Welcome**

ROGER WALKER, Director, REGFORM  
MIKE STITES, Honeywell, REGFORM Chair

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  
ASHLEY MCCARTY, MO Clean Water Commission  
CHRIS WIEBERG, MDNR, WPP Director  
PHIL WALSACK, MPUA  
ROBERT BRUNDAGE, Newman, Comley & Ruth  
REP. ROCKY MILLER, District 124, MO House  
KEVIN PERRY, REGFORM (Moderator)

9:05 a.m. **Mini-Break**

9:15 a.m. **US EPA in Transition—A View From Washington, DC**

Mr. Cozad just returned from a 6-month detail to DC. Acting as the head of OECA, he got an up-close look at the new people, policies, and preferences that are dominating the way environmental regulation is unfolding under Pres. Trump and Administrator Pruitt.  
DAVID COZAD, US EPA Region 7 General Counsel  
ROGER WALKER, REGFORM (Moderator)

9:45 a.m. **The General Counsel's Legal Lens on MDNR Priorities and Direction**

Missouri has a new governor and MDNR Director. Gen. Counsel Katie Jo Wheeler will discuss the role of the Gen. Counsel's office, MDNR priorities, and new directions.  
KATIE JO WHEELER, MDNR  
BAERBEL SCHILLER, Spencer Fane (Moderator)

10:15 a.m. **Q&A With MDNR and US EPA Region 7 General Counsel**

DAVID COZAD, US EPA Region 7 General Counsel  
KATIE JO WHEELER, MDNR  
BAERBEL SCHILLER, Spencer Fane (Moderator)

10:25 a.m. **Networking Break sponsored by**



10:45 a.m. **Water Protection Program Permitting Update**

The WPP Director will update us on recent developments and discuss hot topics, including changes to stormwater monitoring requirements, new policies and procedures for speeding up permit reviews and reducing the backlog.  
CHRIS WIEBERG, MDNR WPP Director

11:20 a.m. **Permitting Q&A**

MDNR's Permitting Chiefs will answer your questions, along with a non-regulator's perspective on the issues.  
JAKE FAULKNER, MDNR Industrial Permits Unit Chief  
ANGELA FALLS, MDNR WPP

REFAAT MEFRAKIS, MDNR WPP  
ALLISON PEARSON, Barr Engineering

**12:00 p.m. Lunch**

**12:40 a.m. Clean Water Commission Perspectives**  
We'll hear perspectives from one Commissioner on the work of the CWC, what we might expect in coming months, and how these might affect the regulated public and our water.  
ASHLEY MCCARTY, Commissioner, CWC

**12:55 p.m. DEQ Director Update**  
The Director the Division of Environmental Quality will review DEQ highlights and hot topics and discuss what's coming soon for regulated entities in Missouri: permit procedure changes, compliance assistance, regulatory reduction, fees, staffing, and more.  
ED GALBRAITH, MDNR DEQ Director

**1:25 p.m. Regulatory Reduction Listening Session**  
MDNR is soliciting comments on rules that are burdensome, time-consuming, ineffective, or achieve no environmental benefit. Talk directly to regulators about rules you comply with that should be eliminated or fixed.  
CHRIS WIEBERG, MDNR WPP Director  
ED GALBRAITH, MDNR DEQ Director

**1:55 p.m. Municipality Survival Kit**  
What do local governments need to know to plan efficiently in light of changing environmental policies and regs? What's coming in stormwater, wastewater, and pretreatment regulation; more about efforts to unify clean and drinking water management; and work with satellite communities to better manage wet weather issues.  
ANDREA COLLIER, Barr Engineering  
BRUCE WOODY, City Manager, St. Joseph, MO  
PHIL WALSACK, MPUA  
AIMEE DAVENPORT, Stinson Leonard Street (Moderator)

**2:45 p.m. Networking Break**

## Breakout Session Track One (Salon A/B)

**3:00 p.m. Numeric Nutrients Criteria for Lakes**  
The Regulatory Impact Report for the new proposal is out for a 60-day public comment period. What's in the rule? How will it work? The rationale for these criteria were developed by MDNR with the assistance of Jones Aquatic Consulting. This presentation covers the science and rationale that led to the new proposal.  
DAN OBRECHT, Jones Aquatic Consulting

**3:35 p.m. Insight on the Non-Nutrient Portions of the Upcoming Water Quality Standards Rulemaking (Including US EPA revised 304(a) criteria)**  
This session will break down and highlight the components of the upcoming water quality standards rulemaking. It will also include additional updates on US EPA 304(a) criteria.  
ROB MORRISON, Barr Engineering

**4:05 p.m. Reception**  
(Ends at 5:15 p.m.)

## Track Two (Salon C)

**3:00 p.m. Ethical Issues in Practice Before the AHC and DNR Commissions**  
In this session we will analyze and discuss the procedure and process involving the administrative review under RSMo 536 concerning appeals of agency decisions, enforcement actions, and permits issued by MDNR, and how to avoid falling into any ethical traps in such cases.  
STEPHEN JEFFERY, The Jeffery Law Group

**4:05 p.m. Reception**  
(Ends at 5:15 p.m.)

## Day 2 Program Schedule Friday, September 8

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

### Salon A/B

**7:50 a.m. Welcome to Day Two**  
STEPHEN JEFFERY, The Jeffery Law Group

**8:00 a.m. Your Effluent Data Can Impact Your Permit Limits**  
Water Quality Based Effluent Limits (WQBELs) are being revised and issued more frequently as effluent monitoring data are reviewed during the NPDES permit renewal process. WQBELs are derived through statistical analyses, which consider the quality and variability of your effluent. Understanding how these analyses are affected by effluent data may be the difference between a limit and no limit.  
NICK MUENKS, Geosyntec

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

**8:50 a.m. Construction and Operating Permits Rule—Overview, Insights, and More**  
A discussion of the DNR's proposed comprehensive revisions to 10 CSR 20-6.010 Construction and Operating Permit regulation including updates to the continuing authority language; plus a discussion of changes to the cadmium criteria. Finally, is Missouri's definition of waters of the state more inclusive than WOTUS?  
ROBERT BRUNDAGE, Newman, Comley & Ruth

**9:20 a.m. Ammonia Compliance Implementation Flexibility**  
When new ammonia standards come on line, small communities with lagoons will face serious challenges. But they won't go it alone. The WPP has been considering options and planning. What are the tools that will be available? Hear about compliance schedules, variances, and other options that can be considered.  
LACEY HIRSCHVOGEL, MDNR WPP

**9:40 a.m. Networking Break sponsored**



**10:00 a.m. Navigating the New World of NPDES Permitting, Inspections and Compliance--An Industry Standpoint**

The last year has seen significant changes to what industry must do to stay in compliance for stormwater. Not only has there been the administrative changes at MDNR and US EPA, several general permits have also been revised or renewed. Let's discuss the lessons learned so far navigating this new world and the questions still remaining.  
ANIKA CAREAGA, PE, CPESC, CPSWQ, Midwest Environmental Consultants

**10:30 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.  
KAREN FLOURNOY, US EPA Region 7, Acting Dep. RA

**11:05 a.m. Municipal Sewer Rates: Unanticipated Consequences for Public Health and Public Policy**

Is municipal waste water treatment rate-setting entirely political? Is considering OM&R without creating a financial reserve just kicking the can down the road? Is a tipping point for income based rates on the horizon? Can governments continue to force rate increases in the name of environmental protection and get no reaction from rate-payers? Mr. Shorr will address these issues and look at unintended consequences.  
DAVID SHORR, Lathrop Gage LLC

**11:35 p.m. Adjourn**

Thank you headliner sponsors

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THIRTEENTH ANNUAL

## Missouri Water Seminar

September 12 & 13, 2018  
Columbia, Missouri

Mark your calendar now and  
plan to attend

Thank you, sponsors

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## Seminar Attendees

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Mike Abbott  
MDNR

Brad Allbritton  
Taney County Regional Sewer District

Samantha Anderson  
The Doe Run Company

Keith Arbuckle  
Duckett Creek Sanitary District

Melissa Bagley  
U.S. EPA, Region 7

Andrea Balkenbush  
MDNR

Jeffrey Barnard  
Burns & McDonnell

John Beck  
Ameren

Robert Beck  
KCP&L

Tom Beeching  
GHD Services, Inc.

Ryan Bennett  
AECI

Douglas Bjornstad  
GBA

Kurt Boeckmann  
MDNR

Joe Boland  
EIERA

Michael Bollinger  
Ameren

Joe Bowdish  
MDNR

Elke Boyd  
Shafer, Kline & Warren

Eden Bozman  
AECI

Tess Brothersen  
Water Services Department

Robert Brundage  
Newman Comley & Ruth PC

Denise Burkett  
KC Water Department

Greg Butler  
APTIM Environmental & Infrastructure

Anika Careaga  
Midwest Environmental Consultants

John Carter  
GeoEngineers, Inc.

Paul Carter  
EFCO Corporation

David Casaletto  
Ozarks Water Watch

Katherine Chandler  
City of Kansas City

Logan Cole  
MDNR

Andrea Collier  
Barr Engineering

Mirriah Cooper  
Archer Daniels Midland (ADM)

David Cozad  
US EPA Region 7

Johnny Crawford  
TC Transcontinental Packaging Inc.

Anna Custer  
Pace Analytical Services, Inc.

Don Daniel  
Rock Creek Public Sewer District

Danny Dattoli  
The Doe Run Company

Aimee Davenport  
Stinson and Leonard Street, LLP

Samantha Davis  
Missouri Corn Growers Assn.

Kim Dickerson  
Associated Electric Cooperative, Inc.

Clay Dodson  
City Utilities of Springfield, MO

Steve Donatiello  
Laclede Gas Company

Steve Doughty  
Golden Triangle Energy

Jennifer Eblen  
Camden County Wastewater

Hannah Elton  
Exide Technologies

Angela Falls  
MDNR

Andrea Farr  
BASF Corporation

Jake Faulkner  
MDNR

Jim Fels  
Terracon Consultants

Bill Florea  
Boone County

Eric Folks  
Missouri DHSS

Karen Flournoy  
US EPA Region 7

Kyle Foote  
Stinson Leonard Street LLP

Keith Forck  
MDNR

Mike Foster  
Ingredion Incorporated

Jennifer Frazier  
Missouri Department of Conservation

Brandye Freeland-Riggert  
MO Army National Guard

Jonathan Fribis  
Jefferson County Public Sewer Dist

Nicki Fuemmeler  
Boone County

Ed Galbraith  
MDNR

Timothy Ganz  
Missouri American Water

Curt Gardner  
BASF Corporation

Carol Garey  
MDNR

Charles Gross  
Duckett Creek Sanitary District

Ted Haeussler  
University of Missouri

Shelly Hall  
LO Environmental, LLC

Rick Higgins  
Duckett Creek Sanitary District

Evan Hill  
Mo. Dept. of Transportation

Lacey Hirschvogel  
MDNR

Eric Holder  
Independence Power & Light

John Holmes  
Allstate Consultants LLC

Anna Hood  
The Doe Run Company

Lynne Hooper  
Boone County

Andy Horrell  
LafargeHolcim

Hannah Humphrey  
MDNR/DEQ

Rob Hunt  
MDNR

Paul Jeffery  
Jeffery Environmental Services, LLC

Stephen Jeffery  
Jeffery Law Group, LLC

Edward Kammerer  
Ameren Missouri

Sallie Keeney  
REGFORM

Calvin Keller  
The Doe Run Company

Ryan Kemper  
Thompson Coburn LLP

Robert Kick  
Foth

J. Chris Klenklen  
Missouri Department of Agriculture

Carrie Lamb  
City of Springfield

Melissa Lawyer  
City of St. Joseph

Cindy LePage  
MDNR

William Lindsey  
Midwest Environmental Consultants

Eve Lissik  
MPUA

Rebecca Losli,  
Burns & McDonnell

Cody Luebbering  
Geosyntec

Michael Lueker  
UPS

Bill Malach  
City of St. Peters

Zachariah Malach  
Lochmueller Group

Kenneth Marsch  
MO Army National Guard

Jeff Maxwell  
City of Independence - Power & Light

Ashley McCarty  
MO Clean Water Commission

Brendan McGhee	Richard Rocha	Valerie Tiffany
Valicor Environmental Services	Bayer	Albaugh, LLC.
Ed McKane	Corinne Rosania	Diana Tucker-Dexter
University of Missouri	MDNR	NGMO-EM
Refaat Mefrakis	Maureen Roth	Emilie Twining-Gerdes
MDNR	Geosyntec	MDNR
Rocky Miller	Amanda Sappington	Nola Wadley
Miller Companies	Environmental Works Inc.	Pulaski County Sewer District No. 1
Jan Millington	Arron Sawyer	Ben Walczak
City of Springfield	MDNR	The Doe Run Company
Dakota Mitchell	Alex Scharf	Roger Walker
The Doe Run Company	Home Builders Association of St.	REGFORM
Mike Montgomery	Louis & Eastern Missouri	Phil Walsack
The Doe Run Company	Melissa Scheperle	MPUA
Eric Mork	Mo Dept. of Transportation	Mary West-Calcagno
City of Lebanon	Baerbel Schiller	City of Moberly
Rob Morrison	Spencer Fane LLP	Katie Jo Wheeler
Barr Engineering	Mark Schrader	MDNR
Nick Muenks	PDC Laboratory	Tina White
Geosyntec Consultants	Dan Schuette	MDNR
Shawn Muenks	Flotron & McIntosh, LLC	Chris Wieberg
MDNR	Jason Seger	MDNR
Melissa Myers	Rock Creek Psd	Carol Williams
Continental Cement Company, L.L.C.	Sarah Seigfreid	The Doe Run Company
Terrence Naves	Spire	Terrie Williams
Naves Associates, LLC	Brett Shanks	MDNR
Angela Neal	Stinson Leonard Street	Don Willoh
MO Army National Guard	Zach Shepherd	MDNR
Holly Neill	Pulaski County Sewer District No. 1	Philip Wilson
The Nature Conservancy	Richard Shockley	Shafer, Kline & Warren, Inc.
Aveen Noori	City of Lebanon	Jeremy Wood
KC Water Department	Jeff Shook	Terracon
Dan Obrecht	Little Blue Valley Sewer District	J. Bruce Woody
Jones Aquatic Consulting	David Shorr	City of St. Joseph
Mike Ogle	Lathrop Gage LLP	Mark Yingling
City of Lebanon	Shon Simpson	Doe Run
Shannon Owens	GBMc & Associates	
MDNR	Cynthia Smith	
Mark Parachini	MDNR	
Lathrop Gage	David Sorrell	
Allison Pearson	City of Columbi	
Barr Engineering	William Spratlin	
Jessica Peebles	APTIM Environmental &	
City Utilities	Infrastructure. Inc.	
Kevin Perry	Darrick Steen	
REGFORM	Mo Corn Growers Association	
Karla Pierce	Mike Stieffermann	
City of Independence	Associated Electric Cooperative, Inc.	
Jack Pietruszewski	Mike Stites	
3M	Honeywell	
Brian Poplin	Brian Stone	
Archer Daniels Midland	Metropolitan St. Louis Sewer District	
David Potthast	Sherri Stoner	
MDNR	MDNR	
James Price	Robert Stout	
Spencer Fane	MDNR	
Ryan Pulkrabek	Jon Strobel	
Spencer Fane LLP	St. Louis Lambert Int'l Airport	
Sara Rains	Kavan Stull	
3M Nevada	Empire District Electric Company	
Gael Rasa	Steve Sturgess	
Ingredion Incorporated	MDNR	
Tom Ratermann	Jeremias Szust	
Boone County Regional Sewer Dist.	Trinity Consultants	
Margaret Richards	Chris Thiltgen	
Lathrop Gage LLP	Capital Quarries Company, Inc.	