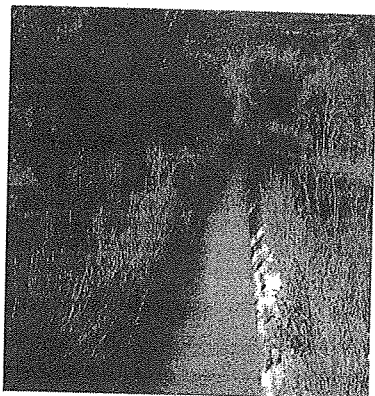


Arkansas Water Laws and Regulations



Little Rock, AR

Friday, December 18, 2015

Examine current issues in water rights, water use trends, water availability and the Arkansas Water Plan

Learn about the new EPA/Corps of Engineers Clean Water Act definition of waters of the United States

Review interstate water issues and the Red River Compact

Examine methods of reducing water withdrawal and explore the economic benefits of efficiency

Comply with water quality laws and regulations

Continuing Education Credits

Attorneys

6.0 Arkansas CLE Hours

6.0 Tennessee CLE Hours

Professional Engineers

6.0 PDHs



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Faculty

Edward Swaim *Water Resources Division Chief, Arkansas Natural Resources Commission*

Mr. Swaim serves as chief of the Water Resources Management Division of the Arkansas Natural Resources Commission, formerly the Soil and Water Conservation Commission. The commission is the state agency responsible for soil conservation, water rights (ground and surface), dam safety, flood control, the Arkansas Water Plan, interstate water compacts, and non-point source pollution prevention. The commission also provides financial assistance for the development of water, wastewater, and solid waste projects within Arkansas. Mr. Swaim was project manager for the recently-completed update of the Arkansas Water Plan. Prior to his present assignment, he served as general counsel and associate general counsel for the commission and as an assistant attorney general. Mr. Swaim is from England, Arkansas, and received a bachelor's degree from Hendrix College and a law degree from the University of Arkansas School of Law. He also served in the Army Reserve Judge Advocate General's Corps for 10 years.

Walter G. Wright, Jr. *Member of the Mitchell Williams law firm in Little Rock*

Mr. Wright practices in the areas of environmental, energy and water law. Prior to that, he served as assistant general counsel for the Petroleum Marketers Association of America in Washington, D.C., from 1985-1987 and on the minority staff of the United States House of Representatives, Energy and Commerce Committee in the mid-1980s. He has served as an adjunct professor at the University of Arkansas at Little Rock School of Law since 1989. Mr. Wright serves as general counsel to the Arkansas Oil Marketers Association, the Arkansas Recyclers Association and the Arkansas Manufactured Housing Association. He received his B.S. and J.D. degrees from the University of Arkansas and a Masters of Law from George Washington University in Washington, D.C. He has authored articles on a variety of environmental, energy and water law topics.

Doug Ford, P.E. *Principal, Senior Engineer at Pollution Management, Inc. in Little Rock*

Mr. Ford has more than 25 years of diversified experience in environmental issues, including landfill design, civil and environmental engineering, site assessments and characterizations, hazardous waste management, remediation design, wetland delineation, property condition assessments, process safety management, SWPPP and SPCC plans, UST and AST compliance, and soil and groundwater remediation. He prepares NPDES permits, air permits, and water, wastewater, landfill and hazardous waste permits. Mr. Ford has served a project manager for the design of dozens of fresh water reservoirs in Arkansas for the natural gas drilling industry. He has prepared wastewater treatment design, pond design, lagoon improvements and stormwater calculations for numerous facilities throughout Arkansas. Mr. Ford received his B.S. degree in Civil Engineering from Memphis State University. He is a registered professional engineer in Arkansas, Mississippi, Oklahoma and Tennessee.

About the Seminar

Crowne Plaza
201 South Shackleford Road
Little Rock, AR 72211
(501) 223-3000

Tuition

\$269 for individual registration
\$249 for three or more simultaneous registrations. Each registration includes one copy of *Arkansas Water Laws and Regulations*.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and a job description, go online to www.halfmoonseminars.org.

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Register online at www.halfmoonseminars.org, mail in registration form to **HalfMoon Education Inc., PO Box 278 Altoona, WI 54720-0278**, fax the form to (715) 835-6066, or call a customer service representative at (715) 835-5900.

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Registration
8:00 - 8:30 am
Morning Session
8:30 am - 12:00 pm
Lunch (On your own)
12:00 - 1:00 pm
Afternoon Session
1:00 - 4:00 pm

Continuing Education Credit Information

This seminar is open to the public. It has been approved by the Arkansas CLE Board for 6.0 general CLE hours for attorneys. It has also been approved for 6.0 CLE hours for Tennessee attorneys.

This program offers 6.0 PDHs to Arkansas professional engineers to whom the subject matter is professionally relevant. Courses and course providers are not pre-approved in Arkansas. Engineers with continuing education requirements in other states will be able to apply the hours from this seminar, in most cases. Refer to specific state requirements to determine eligibility, or contact HalfMoon Education for assistance.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Webinar Series

Soil Engineering Webinar Series

- **Introduction to Soil Engineering**
Wed., October 21st, 2015, 12:00 to 1:30 pm EDT
- **Design of Excavation Support Systems**
Thurs., October 22nd, 2015, 12:00 to 1:30 pm EDT
- **Slope Repair Techniques**
Thurs., October 23rd, 2015, 12:00 to 1:30 pm EDT

For more information visit:

www.halfmoonseminars.org/webinars/

CD/Manual Package

An audio recording of this seminar is available for \$279 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

Arkansas Water Laws and Regulations

Little Rock, AR - Friday, December 18, 2015

How to Register

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Complete the entire form.
Attach duplicates if necessary.

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Additional Registrants:

Name: _____

Occupation: _____

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Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.

()  I need special accommodations. Please contact me.

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$269.00**. Three or more registrants from the same company registering at the same time - **\$249.00** each.

() **I am not attending.** Please send me the CD manual package for **\$279.00**.
(S&H included. Please allow five weeks from seminar date for delivery)

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Seminar Agenda

Law of Arkansas Surface and Groundwater Rights

E. Swaim

The right to use surface water and groundwater
Limitations on surface water and groundwater rights
Arkansas Natural Resource Commission permitting/registration
Protecting surface water and groundwater rights
Current issues in water rights
Current and future water availability
Water use trends and issues
The Arkansas Water Plan

State and Regional Water Management and Planning

E. Swaim

Surface water resources
Groundwater resources
Regional water planning
Interstate water compacts
Future projections and challenges

Water Development Projects

W. Wright Jr.

Key federal/state use programs
The new EPA/Corps of Engineers Clean Water Act
definition of waters of the United States
National Environmental Policy Act issues
Developing Arkansas Endangered Species Act issues
Water transfer litigation
Key water project/treatment contract issues
New Arkansas water quality trading legislation

Transfer/Sale of Water

W. Wright Jr.

Key terms
Types of agreements
Litigation
Interstate water issues (Red River Compact)
EPA water transfer rule

Efforts to Improve Municipal Water Use Practices

D. Ford

Water use reduction goals
Methods of reducing water withdrawal
Measuring success
Economic benefits of efficiency

Complying with Water Quality Laws and Regulations

D. Ford

Federal Clean Water Act and amendments
Arkansas state regulations
Stormwater regulations
Point source discharge program
Sewerage regulations
Public water supply
Wetlands and other special protections
Industrial and agricultural programs
Water wells

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Learning Objectives

You'll be able to:

Examine current issues in water rights, water use trends, water availability, and the Arkansas Water Plan.

Learn about the new EPA/Corps of Engineers Clean Water Act definition of waters of the United States.

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