

Agenda

The Public Trust Doctrine

History and overview – common law of water rights
Riparian rights: lakes vs. streams/impoundments
Ordinary high water mark (OHWM)
Navigable waters and wetlands
Lake issue and public access

S. Frye, D. Gallo

Complying with Water Quality Laws and Regulations

Point source regulation, industrial and agricultural permit programs
Non-point stormwater regulation and permitting
Public and private sewer systems
Groundwater standards and protection

M. Frank

Understanding Wisconsin Surface Water Rights

Ownership of surface water
Regulation of surface water rights
• Waters of the United States vs. state jurisdiction
• Wisconsin isolated wetlands and artificial wetlands
Hydrologic restoration
Application and permitting process
Buildings in the floodplain
Fresh Water Collaborative

S. Frye, D. Gallo

Drinking Water and Groundwater

Groundwater quantity
• Ownership/withdrawal rights (reasonable use, overlying property owner)
• Large capacity wells
Groundwater quality/ Wis. Admin. Code ch. NR 140
• The evolving PFAS standards and regulation and PFAS testing grants
CAFO manure, industrial/food processing, septic tanks waste, municipal bio-solids, water softening lime, commercial fertilizer (nitrate, phosphorus and chloride) impacts to groundwater
• Nutrient management plans/Snap Plus
Lead service line replacements

S. Frye, D. Gallo

Ethical Issues in Water Law and Regulation

Ethical issues in water use
Ethical issues in water transactions

S. Frye, D. Gallo

Wastewater Planning and Compliance

Adaptive management plan
Water quality compliance; phosphorus, nitrate, chloride

S. Frye, D. Gallo

Storm Water Management and Urban Nonpoint Source Pollution Prevention

Storm water management planning
Public information and education activities
Local ordinances affecting storm water discharge (construction site or post-construction erosion control, pet waste, or illicit discharge management)
Wisconsin runoff rules
Urban TMDL targeted runoff management
Agricultural technical and performance standards

S. Frye, D. Gallo

Wisconsin Water Laws and Regulations

Brookfield, WI - Thursday, August 6, 2020



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Learning Objectives

You'll be able to:

Understand the history and scope of the Public Trust Doctrine, and its impact on surface water and groundwater rights.

Review surface water rights, including the impact of federal regulations of waters of the United States.

Comply with point source and non-point source regulations for industrial facilities, agriculture, and public and private sewer systems.

Discuss water quality compliance with respect to nitrate, phosphorus and chloride.

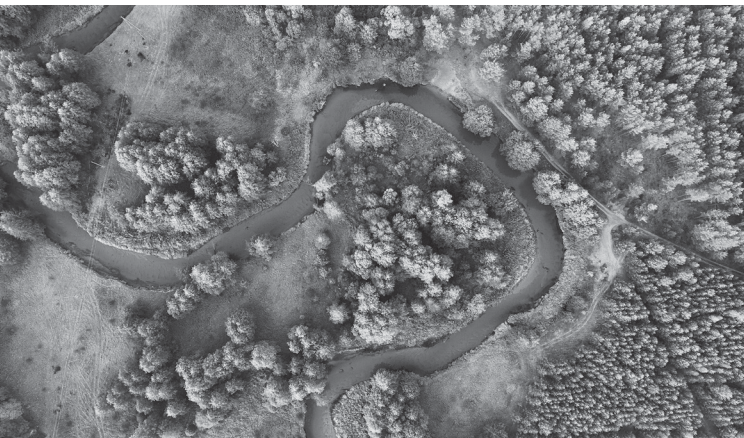
Explore stormwater management planning, including compliance with local ordinances on stormwater discharge.



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Wisconsin Water Laws and Regulations

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Understand the Public Trust Doctrine and the common law of water rights

Identify ethical issues in water law and regulation

Examine wastewater planning and compliance

Learn about Wisconsin surface and ground water rights and regulations

Explore storm water management and urban nonpoint source pollution prevention

Discuss how to comply with water quality laws and regulations

Continuing Education Credits

Wisconsin Attorneys
8.0 CLE Hours

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6.5 PDHs
Including 1.0 Ethics Hour

Wisconsin Geologists & Hydrologists
Non-Credit Continuing Ed.



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Sean Frye *Attorney at Axley Brynelson*
Mr. Frye specializes in construction, environmental, and water law. While in law school, he worked as a legal research assistant with the Water Law and Policy Initiative at Marquette University Law School. There, he researched emerging legal and policy issues in water resource technology. Mr. Frye, also a licensed professional engineer, has several years of experience as a civil engineer in transportation, construction, and water resources engineering. His experience includes several completed projects as a construction project leader on a variety of transportation projects in the southeast Wisconsin region for the Wisconsin Department of Transportation. This hands-on field experience provides him an in-depth understanding of the clients he represents and challenges that they face in the environmental and construction industries. His academic background includes B.S. and M.S. degrees in Civil Engineering. He also served in the US Army as a Chemical, Biological, Radiological and Nuclear (Haz-Mat) Operations Specialist in the 4th Infantry Division at Fort Hood, TX, which included two long-term deployments to Iraq and Kuwait.

Don P. Gallo *Partner at Axley Brynelson*
Mr. Gallo is a partner in Axley’s Environmental practice group. He has more than 28 years of legal experience and more than 40 years of experience specializing in environmental engineering. Mr. Gallo assists clients on a broad range of environmental issues. He has dealt with cases involving wetland and waterway permitting, air permitting, hazardous waste compliance,

insurance remediation cost cap coverage, and transactional issues. Additionally, Mr. Gallo has been successful in assisting owners and developers by working with them on numerous brownfield development projects. He has also assisted clients in obtaining state and federal brownfield grants, zero-interest loan funding and often insurance coverage for environmental cleanup.

Matthew J. Frank *Attorney with Murphy Desmond S.C.*
Attorney Frank’s practice focuses on environmental and energy law. He is also chair of the firm’s Business and Real Estate Practice Group. He provides experienced counsel to businesses, start-ups, municipalities, utilities, organizations and individuals in a wide range of environmental and energy matters, helping clients successfully navigate regulatory and legal challenges. Mr. Frank is a former secretary of the Wisconsin Department of Natural Resources (DNR) and assistant attorney general with the Wisconsin Department of Justice (DOJ). During his tenure as DNR secretary from 2007 through 2010, he oversaw the DNR’s regulatory and permitting programs, including air and water quality, waste and recycling, wetlands, groundwater, environmental clean-ups and brownfields restoration. Mr. Frank worked closely with businesses and communities on sustainability initiatives such as the Green Tier program and the Green Tier Legacy Communities Charter. He also worked closely on environmental and natural resource issues with officials in the Environmental Protection Agency, other federal agencies, states across the country, and Wisconsin tribal and local governments. Murphy Desmond has offices in Madison, Appleton, Janesville and Dodgeville.

Seminar Information

Sheraton Milwaukee Brookfield Hotel
375 South Moorland Road
Brookfield, WI 53005
(262) 364-1100

Tuition
\$299 for individual registration
\$279 for three or more registrants from the same company at the same time.

Registration
8:00 - 8:30 am
Morning Session
8:30 - 11:45 am
Lunch (On your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 4:40 pm

Included with your registration: Complimentary continental breakfast and printed seminar manual.

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

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service 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 self-study package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public. The Wisconsin Board of Bar Examiners has approved it for 8.0 CLE hours, which includes no EPR/GALLAU/LPM hours.

This seminar offers 6.5 PDHs, including 1.0 ethics hour, to Wisconsin engineers to whom the subject matter is professionally relevant. Educators and courses are not subject to preapproval in Wisconsin.

Wisconsin engineers with continuing education requirements in other states will be able to earn the hours from this seminar, in most cases. Refer to specific state rules to determine eligibility.

This seminar extends a continuing education opportunity to Wisconsin geologists and hydrologists. Continuing education is not required at this time in Wisconsin.

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.

Additional Learning

- Introduction to HEC-HMS**
- **Introduction to Cost Estimating**
Thurs., March 26, 2020, 11:00 AM - 12:30 PM CDT
 - **HEC-HMS Application User Interface**
Thurs., March 26, 2020, 1:00 - 3:00 PM CDT
 - **Model Output and Troubleshooting**
Fri., March 27, 2020, 11:00 AM - 12:30 PM CDT
 - **Large Watershed Model and Other Applications**
Fri., March 27, 2020, 1:00 - 3:00 PM CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!
Audio recordings of this seminar are available for purchase starting at \$279. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

Wisconsin Water Laws and Regulations

Brookfield, WI - Thursday, August 6, 2020

How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
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Complete the entire form. Attach duplicates if necessary.	
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 - **\$299.00**. Three or more registrants from the same company registering at the same time - **\$279.00** each.

() **I am not attending.** Please send me the self-study package:

☐ Downloadable MP3 Audio/PDF Manual for **\$279.00**.
☐ CD/Manual Package for **\$299.00**. ☐ USB/Manual Package **\$299.00**.
(S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

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