

Agenda

Understanding Wyoming Groundwater Rights and Surface Water Rights

J.M. Stewart

Ownership of groundwater and surface water
Regulation of groundwater rights and surface water rights
Obtaining groundwater rights and surface water rights
Application and permitting process
Amending water rights
Current issues in groundwater rights

Permitting Nontraditional Water Supplies: Looking Beyond Rivers and Wells

L. Blain

Permitting in compliance with Wyoming water laws, rules and regulations
Alternatives to freshwater sources for meeting increasing water demands
Examples of water rights for nontraditional water supplies
Water management planning and nontraditional water supplies

Maximizing Water Use: Industrial and Agricultural Programs

L. Harmon

Water and wastewater construction permitting program
Use and reuse of water from industrial operations including oilfield produced water
Why land application recovered water is public and environmental enhancement

Overview of Wyoming's Interstate Compacts and Decrees

C.M. Brown

Interstate decrees
• Related Platte River recovery implementation program
Interstate compacts
• *Montana v. Wyoming* outcome
• Colorado River demand management investigation

Agricultural Water Use

P. Stump

Irrigation in Wyoming Wells for agricultural use
Groundwater as a public resource
Tributary vs. non-tributary Water quality and agricultural runoff

Water Sustainability – Reduce Your Use

D. Egenhoff

City of Cheyenne Board of Public Utilities water conservation and efficiency efforts

Reuse Water – Beyond Irrigation Water

M. Buelow

Accelerating natural cleaning process to make water suitable for intended purpose

B. Dorr

D. Egenhoff

Class V Underground Injection Control (UIC) Program

C.T. Brown

Overview of Class V UIC well subclasses
Most common types permitted in Wyoming (e.g. large capacity septic systems)
UIC permitting process, monitoring, and reporting requirements
Recent rule changes affecting Class V wells

Wyoming Water Laws and Regulations

Live, Interactive Webinar - Wednesday, June 24, 2020

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Learning Objectives

You'll be able to:

Explore Wyoming's groundwater and surface water rights.

Discuss agricultural water use.

Consider Cheyenne Department of Public Utilities water sustainability efforts.

Understand water reuse issues, including using an accelerated natural cleaning process.

Learn about non-traditional water supplies and land application recovered water.

Review Wyoming's interstate compacts and decrees.

Examine Wyoming's Class V underground injection control program.



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Faculty

J. Mark Stewart is a partner with Davis & Cannon, LLP. His practice is concentrated in water and natural resources law, primarily representing Wyoming ranchers. Mr. Stewart also practices in the areas of construction law and represents several Wyoming municipalities. He became an attorney after a 16 year career as a civil engineer, starting at a small firm followed by five years with the Wyoming Highway Department. Mr. Stewart then worked for a Wyoming environmental engineering firm where he designed and managed the construction of groundwater remediation and containment systems, soil remediation projects, and landfills.

Liberty Blain is a water scientist with over 20 years of experience in Wyoming. Ms. Blain spent over a decade with the Laramie County Conservation District. Then she worked in the Wyoming State Engineer’s Office in the Ground Water Division. Ms. Blain served as the primary contact for permitting questions related to groundwater supplies for the oil/gas industry. She recently left the public sector to pursue the land surveying profession. Ms. Blain currently works for Western Research & Development as water rights specialist/survey technician and for Burnett Enterprises as permitting & compliance manager.

Louis B. Harmon is senior project manager with Western Research & Development, Ltd. He has over 40 years of experience with municipal utility engineering and planning. Mr. Harmon is the past program manager of the Water and Wastewater Program of the Wyoming Department of Environmental Quality, Water Quality Division. He has worked with many concentrated animal feeding operations. He is licensed as a professional engineer (WY, CO,KS,NE), professional geologist (WY), land surveyor (CO, KS), and is a nationally certified cross-connection control surveyor and tester.

Christopher M. Brown is a senior assistant attorney general with the Wyoming Attorney General’s Office and supervisor of its Water Section which represents the Wyoming State Engineer’s Office, the Wyoming Board of Control, and divisions of the Wyoming Department of Environmental Quality. Previously, Mr. Brown was a partner in a private firm. Mr. Brown provides the primary legal representation to the state on all interstate river compacts and decrees and was part of the litigation team which defended Wyoming in the U. S. Supreme Court original action, *Montana v. Wyoming*.

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Phillip Stump is a senior project manager with HDR in the Cheyenne office. He provides water rights and water resources expertise to public, mining, energy, and agricultural clients throughout Wyoming. Mr. Stump has led the planning, permitting, and engineering design of water infrastructure projects in Wyoming. Prior to joining HDR he served as North Platte coordinator for the Wyoming State Engineer’s Office and served with the Water Quality Division of the Wyoming Department of Environmental Quality.

Dena Egenhoff is the water conservation and public relations specialist for the City of Cheyenne Board of Public Utilities. She has over 20 years of experience in the water world and holds an M.S. degree in Watershed Science from Colorado State University.

Bryce Dorr serves as the capital projects supervisor for the Cheyenne Board of Public Utilities. He received a bachelor’s degree in Chemical Engineering and a master’s degree in Environmental Engineering, both from the University of Wyoming.

Matthew Buelow is the Water Reclamation Division manager for the Cheyenne Board of Public Utilities. He started his water career eight years ago as a wastewater operator. Since then, he has worked as a maintenance operator, lead O&M operator and now the division manager.

Christopher T. Brown is the Underground Injection Control (UIC) Program manager for the Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD). He provides oversight for permitting, inspection, compliance functions of the UIC Program, and also serves as the enforcement coordinator for the WQD Groundwater Section. Prior to coming to the WDEQ, Mr. Brown worked as an environmental consultant. He is a Wyoming licensed professional geologist.

Additional Learning

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