



August 1, 2025
Summer Edition

The Advocate

Letter From The President
Richard Petersen

Firstly, I would like to congratulate all those who received the UGWA Scholarships this year! We love this opportunity to assist the next generation. For those individuals who were unsuccessful in receiving financial aid, please look forward to applying again next year. Please take the time to get all the required information and follow instructions carefully. There is nothing we as a board dislike more than to disqualify someone based on missed information or failure to follow the required instructions. We are not trying to make it difficult, however, it is a \$2,000 scholarship and merits attention to detail. Let's get them all done right next year.

I hope everyone that needed to renew their license was able to do so. We had our Summer Moab PED event, and I have heard positive feedback from some of those who attended. This is a great event and opportunity, and we are looking at ways to enhance the experience and increase attendance. Feedback is always appreciated to elevate these events for all who attend.

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Mark Your Calendar

- Dec 9-11, 2025
NGWA Groundwater Week
- Jan 7-9, 2026 UGWA Annual
Conference & Expo

Letter From The President—Cont'd

Richard Petersen

July - Its hot, fires are everywhere, and mother nature has a way of making life difficult sometimes. All I can say is it's got to be up from here and if not, we are too late to worry about it now. Let's keep things turning to the right and be safe. No drilling into volcanoes!

The annual 2026 UGWA convention is already starting to take shape. Classes are being scheduled, and the program is looking promising. If you want to make any suggestions, please contact a member of the board.

God Bless us all that we may finish this year on a high note. Be safe out there!

Your President,

Richard Petersen

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Membership Levels

- A. CONTRACTOR/PUMP INSTALLER:** Any person doing business and licensed to drill, either water wells or ground water monitoring.
- B. MANUFACTURER/SUPPLIER:** Any person engaged in the manufacturing and/or sale of equipment, or materials used in the ground water industry.
- c. TECHNICAL/ASSOCIATE:** Any hydrologist, geologist, or engineer involved in teaching, research, consulting and or government services associated with the ground water industry.



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As a member of the UGWA, you will have many opportunities to network with other members, share ideas, techniques, and in some cases, even equipment. To build friendships that will last a lifetime and relationships that will ensure a strong and stable future for your business and interests in the Ground Water Industry here in the Great State of Utah.



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Membership Types

- A. CONTRACTOR/PUMP INSTALLER** Any person doing business and licensed to drill, either water wells, ground water monitoring and/or licensed to install ground-water pumping equipment.
- B. MANUFACTURER/SUPPLIER:** Any person engaged in the manufacturing of equipment, or materials used in the ground water industry or engaged in the sale of equipment or supplies associated with the ground water industry.
- C. TECHNICAL:** Any hydrologist, geologist, or engineer involved in teaching, research, consulting and or government services associated with the ground water industry.
- D. ASSOCIATE:** Any person engaged in the support of the UGWA who does not accurately fit in any of the above.
-



45th Annual UGWA Conference & Expo

January 7th 8th & 9th, 2026



950 W Mesquite Blvd, Mesquite NV 89027
Hotel reservations are separate and handled directly with
The CasaBlanca Resort & Casino
Reservation ID/Offer Code: 1UGW26
877-438-2929
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Expires: December 6, 2024



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resources

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Fred Rothauge- Instructor**

**WEDNESDAY JANUARY 7, 2026
1:00 PM – 5:00 PM
DRILLING FLUIDS FOR WATER WELLS
THIS WILL BE A HANDS-ON CLASS**

- 1:00-3:00 DRILLING FLUIDS MADE SIMPLE**
- 1) DEFFINITION
 - 2) FUNCTIONS OF DRILLING FLUIDS
 - 3) DRILLING FLUID ADDITIVES
 - 4) MIXING INSTRUCTIONS
 - 5) CONSIDERATIONS WHEN CHOOSING A DRILLING FLUID
 - 6) FLUID PROPERTIES
 - 7) PROBLEMS ASSOCIATED WITH MUD PROPERTIES
 - 8) SAMPLE COLLECTION
 - 9) FIELD TESTING
- 3:00-3:15 BREAK**
- 3:15-3:30 PIT DESIGN AND SIZING**
- 3:30-4:30 AN INDEPTH LOOK AT FLUID PROPERTIES**
- 1) IMPORTANCE
 - 2) CORRECTIVE MEASURES
- 4:30-5:00 NEW DEVELOPMENTS IN DRILLING FLUIDS FOR WATER WELLS**

13027 County Rd. 18 * Ft. Lupton, CO 80621 * Phone: 303-857-4171 * Fax: 303-857-3938



Fact Sheet for Water Discharges from Drilling Operations

Updated June 2025

Background

Utah Administrative Code (UAC) R317-8-2 requires a Utah Pollutant Discharge Elimination System (UPDES) permit for the discharge of pollutants from any point source into a Water of the State. Well drilling operations are not exempt from this requirement. Well drilling operations that require discharging into waters, including all surface water, (such as storm drains, ditches, channels, wetlands), or groundwater, must obtain coverage to discharge before initiating these activities.

Permit Coverage Options

Several permitting options may apply to well drilling discharges based on discharge type and location. Permit options include:

- **Construction Dewatering Hydrostatic Testing General Permit** Covers the discharges of uncontaminated groundwater or surface water from activities such as construction, pipeline testing, and drinking water vessel disinfection to surface water.
- **Treated Groundwater Surface Water General Permit** Covers the discharge of treated groundwater or surface water that contains pollutants other than what is usually encountered by construction operations to surface water.
- **Individual Permits**- Covers discharges to a surface water that can not be covered under a UPDES General Permit. These are written specifically to the project and receiving waterbody.
- **Groundwater Discharge Permits**- Covers the discharge of pollutants to ground water. UAC R317-6-6.2 provides guidance on groundwater pollutant concentrations and permitting requirements.
- **Permit by Rule Facilities**- Covers discharges to groundwater that will meet groundwater quality standards, where the impacts have been determined to be de-minimus by DWQ.

Resources can be found on the DWQ website deq.utah.gov/division-water-quality

Questions? (801) 536-4300 • WQInfoData@utah.gov

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ADVERTISING FEE SCHEDULE

NEWSLETTER (per quarterly issue)

DESCRIPTION	MEMBER	NON-MEMBER
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1/4 Page	\$50	\$60
1/2 Page	\$75	\$90
Full Page	\$100	\$120

BRONZE LEVEL SPONSOR: Your logo on the UGWA website, with link to your website or email; One 1/8 page size/business card size ad in The Advocate, the UGWA's quarterly newsletter (\$120 value); Recognition at all UGWA events.

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For More Information Contact: admin@utahgroundwater.org or 801.541.7259



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614-898-7791



***Congratulations To This Year's
Scholarship Winners!***

Ciera Claridge *daughter of Casey Curtis*
Theodore Johnson *son of Matt Johnson*
Jessica Lamb *daughter of Jason Lamb*
Caiya Miller *granddaughter of Conrad Miller*
Nicolle Nordhoff *daughter of Shawn Nordhoff*
Joshua Taylor *son of Mike Taylor*
Michala Taylor *daughter of Mike Taylor*



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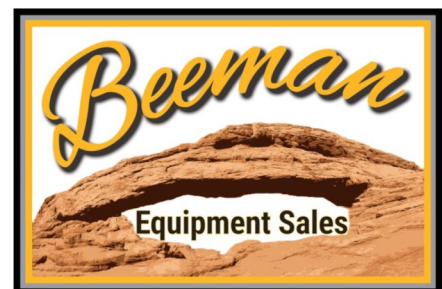
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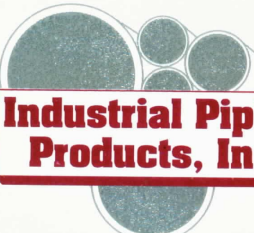


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