



# Washington State Ground Water Association

## Fall 2021 CEU Seminar

### Driller Registration

Attendee name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Street: \_\_\_\_\_  
 City, State, ZIP: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**Open  
To  
Everyone!**  
 Registration 7:30-8:00  
 Class 8:00-4:00

**Register by November 1, 2021 to avoid Late Fee**

Location	# people registering	WSGWA Member Price	Non-Member Price	2 Hr Rules & Regs class ONLY Member/Non-Member	Registration Cost
Spokane 11/6		\$85	\$110	\$40/ \$45	
Tacoma 11/12		\$85	\$110	\$40/ \$45	
Kelso 11/13		\$85	\$110	\$40/ \$45	

Additional attendee name(s) \_\_\_\_\_ **Total:** \_\_\_\_\_

Registrations must be received before November 1, 2021 to avoid Late Fee  
**Refunds:** 100% through 11/1/21 50% after 11/1/21 **No refunds for "no-shows"**

My check payable to WSGWA is enclosed  
*\*Since we are a Non-Profit organization, checks are preferred.*

Please charge my credit/debit card:      ( ) MasterCard      ( ) Visa

Credit Card Number: \_\_\_\_\_  
 Expiration Date: \_\_\_\_\_ 3 digit code (back of card) \_\_\_\_\_  
 Name as it appears on card: \_\_\_\_\_

Billing address for the card: \_\_\_\_\_

Signature: \_\_\_\_\_

**Lunch provided!**  
 (lunch not included with 2 hour Rules /Regs only option)

Note: If you attend more than one seminar you will only receive additional CEUs for the classes that are not repeats.  
 Call 206-351-6384 with questions for clarification.

\*Send registration to: WSGWA c/o Linda Hill, P.O. Box 813, Burlington, WA 98233  
 Or you may \*Fax registration to: 360-757-7353  
 For registration related inquires contact: Linda Hill, WSGWA Admin. Coordinator 360-757-1551  
 For seminar related inquires contact: Colleen Mastro, WSGWA Education-Convention Coordinator 206-351-6384



# Fall 2021 CEU Seminar

## Driller Agenda

*Presented by the Washington State Ground Water Association*



	<u>Agenda</u>	<u>Speaker</u>
7:30-8:00	<b>WSGWA Registration</b>	
8:00-8:15	Welcome	WSGWA
8:15-10:15	<b>Regulations Update</b> This session will cover any new developments in Washington's well construction and licensing statutes as well as review current regulations and industry updates.	<b>Department of Ecology</b>
10:15-11:15	<b>Roundtable</b>	<b>Various Drillers</b>
11:15-12:15	<b>Fishing Tools for Your Benefit</b> Rotary, cable tool and pump rig fishing, economic considerations, demonstration of tools and preventative measure.	<b>Del Boyce, Boyce Drilling</b>
12:15-1:00	Lunch	
1:00-2:00	<b>Environmental Geotech Drilling</b> Discussion of environmental and geotechnical borings in an effort to improve the understanding of the purposes and procedures required for a successful and safe project, as well as convey what the clients and professionals on site are looking for during the project.	<b>Mike Piechowski, Robinson Noble, Inc</b>
2:00-3:00	<b>Geology &amp; Hydrogeology For Well Drillers</b> Aquifers, confining units, head relationships, and principles of groundwater flow. Permeability vs porosity, Darcy's Law, and basic flow through porous media. Discussions on primary vs secondary porosity as applied to water wells, then explain the fundamental aquifer criteria of hydraulic conductivity, thickness, and transmissivity, specific capacity and well efficiency.	<b>Mike Piechowski, Robinson Noble, Inc</b>
3:00-4:00	<b>Load Securement &amp; Pre-Trip Inspections</b> A PowerPoint presentation will be presented on load securement, pre-trip inspections, and medical cards. There will be a question and answer session	<b>Washington State Patrol</b>

### Dates and Locations for Fall 2021:

- 11/6 Mirabeau Park Hotel, 1100 N. Sullivan Rd., Spokane, WA 99037
- 11/12 La Quinta, 1425 E. 27th St., Tacoma, WA 98421
- 11/13 Kelso Red Lion, 510 Kelso Drive, Kelso, WA 98626

**\*class topics subject to change**