

# Emergency Preparedness and/or Hazmat Update

Sponsored by the Oregon Ground Water Association

## One Day Session - March 9, 2023

8:00 a.m. - 8:30 a.m.	Introduction - roster and other paperwork Morning coffee & pastries
8:30 a.m. - 12:00 noon	Emergency Preparedness
12:00 noon - 1:00 p.m.	Lunch Break
1:00 p.m. - 5:00 p.m.	Hazmat Update (continued)

(4) Oregon CECs for attending morning session and (4) Oregon CECs for attending afternoon session.  
These classes may also qualify for Washington state and Idaho state CEUs (maximum 4) upon approval of the continuing education committees of each state.

## Emergency Preparedness and/or Hazmat Update Registration Form

*Pre-registration is required by mail, fax, e-mail or phone*

### Registration Fee - please mark your selection:

- OGWA Member: ☐ \$50.00 Emergency Preparedness only  
☐ \$75.00 Emergency Preparedness and Hazmat Update
- Non Member: ☐ \$65.00 Emergency Preparedness only  
☐ \$95.00 Emergency Preparedness and Hazmat Update

### Mail, fax or e-mail registration form to:

Oregon Ground Water Association  
P.O. Box 21285  
Keizer, OR 97307-1285

Phone: (503) 390-7080  
Fax: (503) 390-7088  
E-mail: nancy@ogwa.org

OGWA Member \$ \_\_\_\_\_

Non Member \$ \_\_\_\_\_

Amount Enclosed \$ \_\_\_\_\_

Name(s): \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_ E-mail: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

**Cancellation Policy:** Cancellations must be received by March 3, 2023 for a full refund.  
Registration fees will not be refunded after that date. Substitutions may be made at any time.

We accept Visa or MasterCard. For security reasons, please call the office with your credit card information.

**For additional information and/or disability accommodations call the OGWA office at (503) 390-7080.**

**NOTE: Subject to change.**

# 2023 OGWA SPRING TECHNICAL SEMINAR AGENDA

## **FRIDAY - MARCH 10, 2023**

- 6:45 - 7:45 a.m. Registration - morning coffee & pastries  
7:45 - 8:00 a.m. Welcome - C.J. Nugent, OGWA President

### **Drilling/Pump/Water Treatment**

- 8:00 - 9:00 a.m. 2023 Legislative Update - Genoa Ingram, OGWA Lobbyist, Court Street Consultants  
9:00 - 10:00 a.m. Oregon Hydrogeology and Groundwater Quality - Mitra Khadka, Ph.D., James Hootsmans & Stacey Garrison, Oregon Water Resources Dept.

### **Drilling**

- 10:00 - 11:00 a.m. Modernization of Well Construction Program (HB-2145 Summary/Updates) - Travis Kelly, Oregon Water Resources Dept. (rules)  
11:00 - 12:00 noon Updates to the E-filing Platform & County Tax Assessor Contact Information - Buffy Madrigal-Adams, Oregon Water Resources Dept. (rules)  
12:00 - 1:00 p.m. Lunch Buffet

### **Pump/Water Treatment**

- Residential Sizing and Basic Curves  
Brian Neill & Tabatha Dellwo, Pentair  
Hands-on Programming & Troubleshooting  
Brian Neill & Tabatha Dellwo, Pentair

### **Drilling**

- 1:00 - 2:00 p.m. Well Drilling Certificate Program at Klamath Community College - Mark Griffith & Matt Walter, KCC  
2:00 - 3:00 p.m. Basic Overview of the Dual Tube (DTFR) Drilling Process  
Art Steelman, Matrix Drilling Products  
3:00 - 4:00 p.m. Drilling Fluids, Polymers & Additives  
George Dugan, CETCO

### **Pump/Water Treatment**

- Pump System Design for Low and High Producing Wells - Jeremy Corbin, Franklin Electric  
Exploring Ways to Use Wireless Products in the Water Market - Ron Reeves, Control Components Northwest  
Contaminants and What to Watch - In Fact, What is PFOS Anyway - Richard Mest, Master Water Conditioning

### **Manufacturers & Suppliers (M&S) Exhibition Open (1 CEC)**

- 4:00 - 6:30 p.m. Bar Open - Happy Hour (drink ticket compliments of M&S Exhibitors)  
4:30 - 6:30 p.m. Dinner Buffet - 75th Anniversary Celebration - Keynote Speaker, Richard Mest, Master Water Conditioning  
*The State of the Industry - What's Happened in 2022 and our 2023 Journey*

## **SATURDAY - MARCH 11, 2023**

- 8:00 - 10:00 a.m. **Manufacturers & Suppliers (M&S) Exhibition Open (1 CEC)**

### **Drilling**

- 10:00 - 11:00 a.m. Welding Fundamentals & Training  
James Stanton & B.J. Hutchins, R & S Welding Mentors LLC  
11:00 - 12:00 p.m. Rig Maintenance - Hydraulic & Air Hoses  
Dave Farmer, DA Farmer Equipment Services  
12:00 - 1:00 p.m. Lunch Buffet

### **Pump/Water Treatment**

- Cash Incentives from Energy Trust of Oregon for Pump System Upgrades  
Brad Moore, WyEast RC&D  
Control Valves for Pumping Systems  
Jim Gyer, Bermad

### **Drilling**

- 1:00 - 2:00 p.m. Aqua Freed Well & Water Treatment Solutions  
K.R. Thompson, Water Recovery Services LLC  
2:00 - 3:00 p.m. Ranney Collection Wells Project Update  
Steve Kaser  
3:00 - 4:00 p.m. A Vision for Managing Oregon's Ground Water  
Malia Kupillas, Pacific Hydro-Geology

### **Pump/Water Treatment**

- Solar Pump Basics - Dean Wygal, Grundfos Pumps  
Basic Troubleshooting - Pumps & Motors  
Dean Wygal, Grundfos Pumps  
Overview of Well Logs, Drilling Methods and Pumping Wells Responsibly  
John Stadel, Arrow Drilling

*NOTE: Subject to change.*



**2023 OGWA Spring Technical Seminar**  
**Holiday Inn Portland South - Wilsonville, Oregon**  
**March 10-11, 2023**

Name: \_\_\_\_\_ Additional Names on Badges: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City/St./Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_  
(required)

**Early Registration:** Register before February 24, 2023 (by mail, fax, e-mail or phone) and be eligible to win (1) night lodging at the Holiday Inn Portland South.

<b>OGWA Member</b>	\$225.00 _____	<b>Non Member</b>	\$325.00 _____
Spouse/Life Member	\$170.00 _____	Spouse	\$170.00 _____
Dinner Only	\$ 65.00 _____	Dinner Only	\$ 65.00 _____
M&S Exhibitor Only	\$ 25.00 _____		

**Registration:** Register after February 24, 2023 (by mail, fax, e-mail, phone or at the door).

<b>OGWA Member</b>	\$325.00 _____	<b>Non Member</b>	\$425.00 _____
Spouse/Life Member	\$270.00 _____	Spouse	\$270.00 _____
Dinner Only	\$ 65.00 _____	Dinner Only	\$ 65.00 _____
M&S Exhibitor Only	\$ 25.00 _____		

Full registration includes: class sessions, Friday lunch, Friday dinner and Saturday lunch.  
Saturday breakfast included with room reservation only.

**Friday Night Dinner Buffet:** No Dinner \_\_\_\_\_ (Please mark if you will not be attending the dinner.)

**Mail to:** Oregon Ground Water Association  
P.O. Box 21285  
Keizer, OR 97307-1285  
  
**Phone:** (503) 390-7080  
**Fax to:** (503) 390-7088  
**E-mail:** nancy@ogwa.org

**TOTAL AMOUNT ENCLOSED: \$** \_\_\_\_\_

Make check payable to OGWA.

We accept Visa and MasterCard.

For security purposes call the OGWA  
office with your credit card number.

**Cancellation Policy:** Cancellations must be received by March 3, 2023 for full refund.  
Registration fees will not be refunded after that date. Substitutions may be made at any time.

Classes may qualify for Oregon CECs, Washington CEUs and Idaho CEUs  
for licensed drillers upon approval of the continuing education committees of each state.

For further information, special dietary or disability needs call Nancy Sippel at (503) 390-7080.



**Holiday Inn Portland South**  
**25425 S.W. 95th Avenue**  
**Wilsonville, OR 97070**

The following special room rates are offered to our group:

<b>OGWA Guest Room Rates</b>	
<b>Single Room</b>	<b>\$119.00</b>
<b>Double Room</b>	<b>\$119.00</b>

Add current 10.5% room tax charge. Room rate includes breakfast buffet.

We have reserved a block of rooms for the 2023 OGWA Spring Technical Seminar. Check-in time is 3:00 p.m. Check-out time is 12:00 noon. Rooms will be given out on a first-come, first-serve basis. Guests arriving prior to 3:00 p.m. will be accommodated as rooms become available. Rooms must be guaranteed with a credit card. Reservations must be cancelled 24 hours prior to arrival to avoid a charge.

Each room is equipped with complimentary wireless internet access, flat screen TV, iron & ironing board, AM/FM radio with iPod-MP3 docking station, coffee/tea maker, hair dryer and refrigerator.



**Make your room reservation early!**

**Limited number of rooms at this special rate. Room block ends February 20. After that date, rooms are based on availability only.**



**OGWA Room Rate - \$119.00/per night - Single or Double**  
10.5% room tax. Room rate includes breakfast buffet.

**Room reservations call (503) 682-2211**  
(ask for hotel reservations directly)

Reference Oregon Ground Water Association to be assured special room rate.

**Location: The Holiday Inn Portland South is centrally located off I-5 in Wilsonville, Oregon.**

**I-5 Southbound: Take Exit #286, from the off ramp, take a right, take a left at next light (SW 95th Ave.)**

**I-5 Northbound: Take Exit #286, take a left from the off ramp, go over the freeway, take a left at second light (SW 95th Ave.)**