



# Oregon

Tina Kotek, Governor

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**Meeting:** Continuing Education Committee (OWRD)

**Today's Date:** February 17, 2026

**Location:** TEAMS

**Chairperson:** James Mack Sr, 1493, Bandon Well & Pump Co

**Note Taker:** Buffy Madrigal-Adams

**In Attendance (October 15, 2025):** Jim Mack Sr.1493, Bandon Well & Pump Co., Tommy Laird, OWRD, Teresa Barrington #2113, Barrington Well Drilling LLC, Kevin Gill #1835, Clouser Drilling Inc.

**Absent:** Anthony Chavez, DEQ  
Nancy Sawka, DEQ

## Agenda

1. **Review of previous minutes- see attached for courses reviewed.**
2. **Other Business**
3. **Courses to be reviewed:**
  - a. **Oregon Ground Water Association Spring Technical 2026**
  - b. **Idaho Ground Water Association 2026 Annual Convention**
  - c. **Pacific Northwest Ground Water Expo 2026**

## Courses Reviewed October 15, 2025

### Oregon Ground Water Association 2025 Fall Convention

| Course  | Instructor                       | Duration (hr)/CEC | Category | 1 <sup>st</sup> motion | 2 <sup>nd</sup> motion | All in favor? |
|---|----------------------------------|-------------------|----------|------------------------|------------------------|---------------|
| Well Abandonment: Dos and Dents                                     | Travis Kelly                     | 1                 | Rules    | TL                     | TB                     | X             |
| Water Well Geo Surveys  | Shaun Finn                       | 1                 | Rules    | TL                     | TB                     | X             |
| Sonic Drilling: Pioneers for Prog & Profit                          | Casey Wallace                    | 1                 | General  | JM                     | TL                     | X             |
| When Thing Go to Crap 2025  | Dave Farmer                      | 1                 | General  | JM                     | TB                     | X             |
| Mastering Commander VFDS: Practical Training for Pump Professionals | Alex Urguhart                    | 0.50/1.0          | General  | KG                     | TL                     | X             |
| Pressure Tanks: Application & Construction                          | Tabitha Dellwo                   | 0.50/1.0          | General  | TL                     | KG                     | X             |
| Boron from Source to Treatment                                      | Richard Mest                     | 1                 | General  | KG                     | JM                     | X             |
| Suction Side Designs Influence on System Design                     | Dan Featherstone                 | 1                 | General  | JM                     | KG                     | X             |
| Business Management   | Jennifer Gould<br>Agatha Ventura | 1                 | General  | TL                     | JM                     | X             |
| Succession Planning   | Jennifer Gould<br>Sue Meyer      | 1                 | General  | KG                     | JM                     | X             |
| PFAS for Well Owners  | Seth Kellogg                     | 1                 | General  | TL                     | JM                     | X             |
| Job Site Safety   | Alexia Gamboa                    | 1                 | Safety   | KG                     | TL                     | X             |
| 2025 Fall Legislative Update  | Genoa Ingram                     | 1                 | General  | JM                     | TL                     | X             |

### National Ground Water Association GW Week 2025

| Course   | Instructor   | Duration (hr) CECs | Category | 1 <sup>st</sup> Motion | 2 <sup>nd</sup> Motion | All in favor? |
|--|--------------|--------------------|----------|------------------------|------------------------|---------------|
| Latest Drilling Fluid Options for Vertical Well Drilling | George Dugan | 1                  | General  | TL                     | KG                     | X             |

|   |                    |          |         |    |    |   |
|---|--------------------|----------|---------|----|----|---|
| Pump Column-Available Steel Types & Connections   | Jeremy Kugn        | 0.50/1.0 | General | TL | TB | X |
| Rules of Thumb to Make Your Water System Last as Long as Possible                                     | Tom Stephan        | 1        | General | KG | JM | X |
| Transitioning Your Business-The Other Side of Workforce Development                                   | David Baker        | 1        | General | TL | TB | X |
| Guidelines for Successful Water Wel Maintenance   | Michael Schnieders | 1        | General | TL | JM | X |
| Not Your Basic Tank Sizing Discussion   | Dan Featherstone   | 0.50/1.0 | General | JM | TL | X |
| Optimizing Drilling Success with Drilling Fluid Properties Designed for Different Circulation Methods | Fred Rothauge      | 1        | General | TL | TB | X |
| Technology & Profit: They Are More Connect Than You Think   | Jason Flynt        | 1        | General | JM | TL | X |
| Abertura de Rejilla y su Impacto en la Conductividad Hidraulica                                       | Javier Jaime       | 1        | General | JM | TL | X |
| Innovations & Support in Water Systems: Navigating the VFD Market                                     | Terry Smith        | 0.50/1.0 | General | KG | TL | X |
| Iron Bacterial Well Rehabilitation  | Donald Teeters     | 1        | General | TL | JM | X |
| Material Selection & Well Design for Construction as Well that is a Good Value                        | Thomas Hanna       | 1        | General | TL | JM | X |
| Geothermal Drilling: Buying Equipment's the Easy Part, Everything Else Isn't                          | Nicholas Bosch     | 1        | General | TL | TB | X |
| Sonic Edge: Filed-Tested Success from the Front Lines   | William Keyes      | 1        | General | JM | TL | X |
| The 07 Foundations of Effective Communication   | Doug Wyatt         | 1        | General | KG | JM | X |
| Uses of Chemicals & Mechanical Methods for Restoring & Maintaining Performance of Water Wells         | Kevin McGinnis     | 1        | General | TL | JM | X |
| Well Development Concepts and Considerations  | Marvin Glotfelty   | 1        | General | KG | TL | X |
| Bridging the Gap: Practical Collaboration Among Contractors, etc                                      | Panel Presenters   | 1        | General | TL | KG | X |

|   |                           |          |         |    |    |   |
|---|---------------------------|----------|---------|----|----|---|
| Identifying & Treating Strange Taste & Odors in Groundwater & Plumbing Lines                  | Mike Heatwole             | 1        | General | TL | TB | X |
| Managing Fatigue on a Drill Rig   | John Fowler               | 1        | Safety  | TL | KG | X |
| Pump It Up-Mud Pumps  | Katy Anderson             | 1        | General | KG | JM | X |
| The Saga of Laramie Creek: Wellfield Dev, Redevelopment & Startin Over in Municipal Wellfield | Stuart Smith              | 1        | General | KG | TL | X |
| Arsenic Treatment-Understanding Arsenic Treatment for Private Wells                           | Stephen Hamilton          | 1        | General | KG | TL | X |
| Dual Rotary Drilling & Completion Techniques for Water Wells & Geothermal                     | Derek McGladdery          | 1        | General | TL | KG | X |
| Finding & Mentoring Your Replacement  | Marvin Glotfelty          | 1        | General | TL | JM | X |
| How Do I Pay for that New Rig?  | Charles "Buddy" Sebastian | 1        | General | JM | TL | X |
| Latest Ground Source Heat Pump standard: What to Know for Success                             | Jeff Hammond              | 1        | General | KG | TL | X |
| Change is Coming-New Super Premium Efficiency Motor Rule Impacts                              | Patrick Hogg              | 0.50/1.0 | General | TL | TB | X |
| Compliance & Conservation in a Polarized Market   | Jason Flynt               | 1        | General | TL | TB | X |
| Groundwater: Policy & Politics in 2025  | Ben Grech                 | 1        | General | JM | KG | X |
| Know Before You Flow: Testing & Treating Water for Safety                                     | Steve Stone               | 1        | General | JM | TL | X |
| Modelacion Hidrogeologica Avanzada en Hjas de Calculo   | Carlos Molano             | 1        | General | TL | KG | X |
| Pump Hydraulics for VFD Users   | David Kill                | 1        | General | JM | TL | X |
| Roundtable: Recruit.Train.Retain.Securing the Future of Groundwater                           | Jeremy Back               | 1        | General | TL | TB | X |
| Unlocking the Full Potential of Sonic Drilling: Applications, Advantages, & Innovations       | Troy Chipps               | 1        | General | TL | JM | X |

|   |                    |          |         |    |    |   |
|---|--------------------|----------|---------|----|----|---|
| Roundtable: Advancing Women in Groundwater  | Panel Presenters   | 1        | General | TL | TB | X |
| Selecting the Right Submersible Motor: Differentiating Motor Construction in the Market         | Andrew Buuk        | 0.50/1.0 | General | JM | TL | X |
| Understanding Clays & Clay Control-Dos and Don'ts While Drilling                                | Douglass Keller    | 1        | General | JM | TL | X |
| Well Health – Data Collection and Analytical Techniques to Assess Well Performance & Efficiency | Kevin McGillicuddy | 1        | General | KG | TL | X |
| 2025 State of US Water Well Industry Report   | Margaret Martens   | 1        | General | TL | TB | X |
| Selecting & Applying Soft Starters, VDS and Phase Converters                                    | Jeremy McBride     | 1        | General | KG | JM | X |
| Digging the Past: A Brief History of Well Drilling  | Ryan M Bushong     | 1        | General | TL | TB | X |
| Evolution of Electronic Controllers for Residential/Commercial Water Pressurization             | Fabrizio Storti    | 1        | General | KG | JM | X |
| State of Mandatory Hookup   | Jesse Richardson   | 1        | General | JM | TL | X |
| Meters & Their Place in Our Industry  | Dan Featherstone   | 1        | General | KG | JM | X |
| RoundTable: The Power of Certified Professionals- Learning, Sharing, Growing Together           | Richard Thron      | 1        | General | JM | KG | X |
| Understanding Well Fouling in Advance of Rehabilitation or Failure                              | Michael Schnieders | 1        | General | TL | JM | X |

### Washington State Ground Water Association Annual Convention 2025

| Course                      | Instructor     | Duration (hr) CECs | Category | 1 <sup>st</sup> Motion | 2 <sup>nd</sup> Motion | All in favor? |
|-----------------------------|----------------|--------------------|----------|------------------------|------------------------|---------------|
| Steel Options & Casing      | Charlie Hoherd | 1                  | General  | TL                     | JM                     | X             |
| Innovative Well Development | Jack Sowers    | 1                  | General  | JM                     | TL                     | X             |
| Industry Happenings         | Glen Smith     | 1.0/0              | n/a      | KG                     | TL                     | *             |

|   |                           |         |                       |    |    |   |
|---|---------------------------|---------|-----------------------|----|----|---|
| Sonic Drilling:<br>Pioneers for<br>Progress & Profit            | Casey<br>Wallace          | 1       | General               | KG | TL | X |
| AI in Your<br>Industry  | Carl Garrison             | 1       | General               | TL | JM | X |
| Fundamentals for<br>Pumps and<br>Installing/Chapter<br>3 Wiring | Bob Otto &<br>Roger Chick | 8.0/4.0 | General               | TL | JM | X |
| When Things Go<br>To Crap 2025                                  | Dave Farmer               | 1       | General               | JM | TB | X |
| Inspecting the<br>Deviated                                      | Pat Clark                 | 1       | General               | TL | JM | X |
| Air Rotary  | Richard<br>Thron          | 1       | General               | TL | TB | X |
| Best Practices of<br>Equipment and<br>Tool Inspections          | Richard<br>Thron          | 1       | Safety                | KG | TL | X |
| Hiring Legal DOT<br>Drivers-What To<br>Do and What Not<br>To Do | Seth<br>Uhlencott         | 2       | General               | JM | TL | X |
| Drillers of the<br>Roundtable                                   | Panel<br>Presenters       | 1       | General               | KG | TL | X |
| CPT/Basic<br>Electrical Theory                                  | Roger Chick               | 8       | 4 Safety<br>4 General | JM | KG | X |

**\*Jim Mack abstained from the vote, passed with majority vote.**