



# Oregon

Tina Kotek, Governor

## Oregon Water Resources Dept

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[www.oregon.gov/owrd](http://www.oregon.gov/owrd)

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

**Today's Date:** March 11, 2025

**Location:** TEAMS

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

**Note Taker:** Buffy Madrigal-Adams

**In Attendance (December 3, 2024):** Jim Mack Sr.#1493, Bandon Well & Pump Co., Tommy Laird, OWRD, Anthony Chavez, RG, DEQ, Kevin Gill #1835, Clouser Drilling Inc, Teresa Barrington #2113, Barrington Well Drilling LLC

**Absent:** Nancy Sawka, DEQ

### Agenda

1. Review of previous minutes- see attached for courses reviewed.
2. Other Business
  - a. Review amended minutes from October 7, 2024.
  - b. Discuss voting for chairperson
3. Review coursework:
  - a. Oregon Ground Water Association Spring Technical 2025
  - b. Online All Star Training Courses
  - c. Bandon Outreach Presentation

## Courses Reviewed December 3, 2024

### 2024 Groundwater Week Educational Programming

Course	Instructor	Duration (hr)/CECs	Category	1 <sup>st</sup> motion	2 <sup>nd</sup> motion	All in favor?
Alphabet Soup of Geothermal Heat Pumps	Hammond	1	Gen	TL	KG	X
Don't Kill Your Golden Goose-Protect Business	Oxenham	1	Gen	KG	TL	X
Replacement of Avondale Replacement Well 25	Mammini	1	Gen	AC	JM	X
Toilet Talk Lessons from Looking in the Back of the Toilet	Heatwole	1	Gen	JM	TL	X
Advanced VFD Topics- PID, Ramps, EMI, Harmonics	Stephan	(1) 0.50	Gen	JM	TL	X
Boreholes Vs Wells	Meyer	1	Gen	TL	AC	X
Metering, Monitoring, Managing GW & Wells Through Technology	Flynt	1	Gen	KG	TL	X
What Warranty?	Shipman	1	Gen	TL	TB	X
Managing Fatigue	Bauerle	1	Safety	KG	AC	X
Optimizing Geothermal Drilling	Bosch	1	Gen	AC	TL	X
Productive Drilling Solids & Waste	Yordy	1	Gen	TL	AC	X
Understanding Traditional Controls & Submersible Motors	Featherstone	(1) 0.50	Gen	KG	TL	X
History of HSLA Steel & other Resistant Steel	Kuhn	1	Gen	TL	AC	X
Power Written Procedures	Fowler	1	Gen	KG	AC	X
State of the Art for High-Rate GW Sand Control	Mahmoudi	1	Gen	TL	JM	X

Wire to Water & Smart Installation	Hayse	1	Gen	AC	KG	X
Drilling with Air	Peterson	1	Gen	TL	JM	X
Electrical Protection & Safety Disconnect Field Equipment	Berger	1	Gen	JM	TB	X
Geothermal Drilling	Lull	1	Gen	TL	AC	X
Simple Do & Don't All Specific to Well Rehab	Schofield	1	Gen	KG	TL	X
Emerging Contaminants	Mest	1 (Previously approved)	Gen			
Hydraulics	Anderson	1	Gen	TL	AC	X
Transforming Perspectives on Ground Source Pumps	Torykian	1	Gen	TL	TB	X
VFD Control	Bixler	(1) 0.50	Gen	KG	TL	X
How are you selling you?	Featherstone	1	Gen	KG	JM	X
Proper Bit Selection	Shimkus	1	Gen	AC	TL	X
Roundtable: Ask Master GW Contractor	Thron	1	Gen	JM	TL	X
Your Toolkit for Water Systems	Lilland	1	Gen	AC	KG	X
Maximizing Sonic Rig Potential	Nidzjorski	1	Gen	TL	AC	X
Remote Monitoring & Control of Water Systems	Blair	1	Gen	AC	TB	X
Roundtable: Passing on Knowledge to the Next Generation	Henrich	1	Gen	KG	JM	X
Site & Project Safety	Bowers	1	Safety	TL	AC	X
Groundwater Occurrence & Aquifer Types	Hanna	1	Gen	JM	TL	X
Integrating UV Water Treatment Systems	Stone	(1) 0.50	Gen	TL	KG	X
Preventive Maintenance Extending Life of Well	McGinnis	1	Gen	JM	TL	X
Roundtable Women in the GW Industry	Shipman	1	Gen	TL	TB	X

Leveraging Energy assessments for Pumping Systems	Derner	(1) 0.50	Gen	KG	AC	X
Nitrate Impacted Groundwater	Sklash	1	Gen	TL	TB	X
Understanding Aquifer Characteristics	Wolf	1	Gen	JM	AC	X
Why Did My Last Rehabilitation Not Meet Expectation	Teeters	1	Gen	AC	TL	X
One Year Later Navigating the Build America Act	Hogg	1	Gen	KG	JM	X
Slug Tests to Optimize Groundwater Well Design	Mammini	1	Gen	AC	JM	X
Sonic Drilling Pioneers for Progress & Profit	Keyes	1	Gen	TL	TB	X
Well Rehabilitation & Construction Techniques Using Inflatable Packers	Adams	1	Gen	KG	JM	X
Benefits of Solar Pumping w/Variable Frequency Drives	Trout	(1) 0.50	Gen	JM	TB	X
High Pressure Hydro Jetting	Carner	1	Gen	TL	AC	X
Well Rehabilitation from Start to Finish	Carl	1	Gen	AC	JM	X
Exhibition	Varies	1	Exhibition	KG	JM	X

### **Oregon OSHA Public Education**

<b>Course</b>	<b>Instructor</b>	<b>Duration (hr) CECs</b>	<b>Category</b>	<b>1<sup>st</sup> Motion</b>	<b>2<sup>nd</sup> Motion</b>	<b>All in favor?</b>
Heat Illness & Wildfire Smoke	Varies	4	Safety	AC	TL	X

### **Lane Council of Governments**

<b>Course</b>	<b>Instructor</b>	<b>Duration (hr) CECs</b>	<b>Category</b>	<b>1<sup>st</sup> Motion</b>	<b>2<sup>nd</sup> Motion</b>	<b>All in favor?</b>
RLID Map Training	Nick Seigal	2	Gen	KG	TL	X