No Iowa Contact Hours Available Today

Tuesday, December 6, 2016

8:00 a.m.-9:00 a.m.  These sessions qualify for 1 Iowa Contact Hour

Run Your Business Efficiently! The Industry’s Best Business Practices
Rick Oberle

Scientists and Engineers Section Board Meeting

The Water Systems Cost Savings Act and Other Legal and Legislative Issues Facing Our Industry
Margaret Martens and Jesse J. Richardson Jr., J.D.

Water Treatment Opportunities: When to Hold Them and When to Fold Them
Greg Gruett, CEO

Wire Rope Inspection and Safety for Drilling Operations
David Bowers, CVCLD

9:15 a.m.-10:15 a.m.

Large Capacity Well Efficiency: Food Production, Energy, and Supply Challenges: Well Design
Marvin F. Glotfelty, RG

Solar Water Pumping: This Growing Renewable Energy Opportunity Can Become Your New Viable Revenue Source
Jeff Frank

Stay Connected: Industry Associations and Dynamics
Diann Scott

Water Chemistry and Corrosion: Effects and Treatment
Perialwar Regunathan and Kimberly Redden
10:00 a.m.-3:00 p.m.  This session qualifies for 5 Iowa Contact Hours
Mitigating Naturally-Occurring and Human Induced Contaminants in Groundwater
Jeff Angermann, Ph.D.

10:30 a.m.-11:30 a.m.  These sessions qualify for 1 Iowa Contact Hour
Hydrofracking: Groundwater, Not Oil and Gas
Jeffrey Williams, MGWC, CVCLD

Large Capacity Well Efficiency: Food Production, Energy, and Supply Challenges: Well Development
Marvin F. Glotfelty, RG

Regulatory Officials Advisory Panel Briefing

Sizing the Right Pipe for a Job
Bill Corey

Treat Muddy Drilling Water by Using a Sediment Filter Bag as a BMP
Todd Giddings, Ph.D., PG

12:30 p.m.-1:30 p.m.
Filtration Control in Drilling Fluids: What Is It and Why Should I Care?
Jeff Blinn

Innovative and Time-Saving Techniques for Conducting a Low-Flow Groundwater Sampling Event
Bill Mann

Large Capacity Well Efficiency: Food Production, Energy, and Supply Challenges: Water Use Calculation
John Pitz, CPI

What Contractors Need to Know to Successfully Treat Water
Greg Gruett, CEO

1:00 p.m.-2:00 p.m.

Best Suggested Practices: Reducing Problematic Concentrations of Radium in Residential Water Well Systems
Kathryn J. Butcher, CMP

1:45 p.m.-2:45 p.m.

Achieving Energy Savings and More with VFDs
Larry R. Stanley

Large Capacity Well Efficiency: Food Production, Energy, and Supply Challenges: Proper Pump Selection
David Kill

Solving Total Coliform Failures with Well Rehabilitation and Maintenance
Neil Mansuy

3:00 p.m.-4:00 p.m.

Large Capacity Well Efficiency: Food Production, Energy, and Supply Challenges: System Operation and Maintenance
Gary M. Gin, RG

Safe Practice in the Groundwater Industry: Materials Handling
Dustin Kinder and John Baxter
This session qualifies for 1.25 Iowa Contact Hours

Operational Stages of the Well: Evaluating the Forms of Water Well Deterioration
Thom Hanna, PG, Michael Schnieders, PG, PH-GW and John Schnieders, Ph.D.

This session qualifies for 1.75 Iowa Contact Hours

Soils, Irrigation, and Groundwater Management
Steve Evett

These sessions qualify for 1 Iowa Contact Hour

An Assessment Tool to Evaluate Private Well Vulnerabilities and Risk
Steven D. Wilson

Electronic Logging Devices: Complying with the New Federal Law
Tony Verillo

Doug Pushard

Well Rehabilitation and Maintenance: Diagnosing Problems and Selecting Proper Chemical Solutions
Kevin McGinnis

Wednesday, December 7, 2016

These sessions qualify for 1.25 Iowa Contact Hours

Increase Your Revenue Potential with Packaged Systems and Pressure Boosting
Jim Hartmann

Legally Structuring Your Business Activities To Comply With New Electronic Logging Device Laws
Tony Verillo

Optimize Your Revenue per Site Visit: Why You Should Invest in VFDs
Matt Clark

These sessions qualify for 0.5 Iowa Contact Hour

Wiring Three-Wire Pumps Made Easy (AA)
Stephen Anderson

These session qualifies for 1 Iowa Contact Hour

Best Suggested Practices: Well Development
Kathryn J. Butcher, CMP
1:00 p.m.-5:00 p.m.  These sessions qualify for 4 Iowa Contact Hours

Hydraulic Line Damage Identification and Prevention (AA)
Denis Crayon

Lost Circulation Materials and How They Work! (AA)
Jeffrey Quinn, Jeffrey Quinn and Mark Whittle

1:30 p.m.-3:00 p.m.  This session qualifies for 1.5 Iowa Contact Hours

NGWREF Darcy Lecture: Seeing Things Differently: Rethinking the Relationship Between Data, Models, and Decision-Making
Ty Ferre

2:00 p.m.-2:30 p.m.  These sessions qualify for 0.5 Iowa Contact Hour

Basic VFD Startup (AA)
Larry R. Stanley

Wire Clips (AA)
Fred McAninch

3:00 p.m.-3:30 p.m.

How To (Geophysically) Log A Water Well (AA)
James J. LoCoco and James J. LoCoco

Installing and Making the Most of Customer Wellntel Systems (AA)
Marian Singer, CEO, Nick Hayes, CTO, Joseph Fillingham, Ph.D. and Lee Knudtson

3:30 p.m.-5:00 p.m.  This session qualifies for 1.5 Iowa Contact Hours

McEllhiney Lecture: Groundwater Contaminants and Treatment Technologies
Peter S. Cartwright, PE

4:00 p.m.-5:00 p.m.  This session qualifies for 1 Iowa Contact Hour

Heavy Equipment Safety Check and Inspection (AA)
Rob Caho

4:00 p.m.-4:30 p.m.  These sessions qualify for 0.5 Iowa Contact Hour

Setting Up and Troubleshooting a Typical Residential VFD (AA)
Tom Stephan and Tom Stephan

Utilizing Groundwater Data for Science and Management (AA)
Nick Hayes, CTO, Marian Singer, CEO and Joseph Fillingham, Ph.D.

Thursday, December 8, 2016

7:15 a.m.-8:15 a.m.  This session qualifies for 1 Iowa Contact Hour

Best Suggested Practices: Well Disinfection
Kathryn J. Butcher, CMP
7:15 a.m.-8:00 a.m.  This session qualifies for 0.75 Iowa Contact Hour
Facilitated Discussion: What Types of Articles/Content in NGWA's Journals Would Help You Be a Better Groundwater Professional?
Thad Plumley

9:00 a.m.-3:45 p.m.  This session qualifies for 6 Iowa Contact Hours
Advances in Groundwater Science and Practice
William Alley, Ph.D. and Steve Wilson

9:30 a.m.-10:30 a.m.  This session qualifies for 1 Iowa Contact Hour
Aquifer Characterization Tests and Pressure Transducer Data Collection
Bill Mann

9:30 a.m.-11:00 a.m.  This session qualifies for 1.5 Iowa Contact Hour
McEllhiney Revisited: Annular Space Research and Chemical Rehabilitation of Wells
Tom Christopherson and John Schnieders, Ph.D.

9:30 a.m.-10:30 a.m.  This session qualifies for 1 Iowa Contact Hour
Ten Things You Wish the Public Knew
Mark Reeder

10:45 a.m.-11:45 a.m.  This session qualifies for 1 Iowa Contact Hour
The Endless Challenge of Underground Utilities: Lessons Learned
Denis Crayon, Dustin Kinder, John Baxter and Fred McAninch

11:00 a.m.-5:00 p.m.  The exhibit hall qualifies for 1 Iowa Contact Hour each day its open.
Exhibit Hall Open

11:15 a.m.-12:15 p.m.  This session qualifies for 1 Iowa Contact Hour
Heavy Equipment Safety Check and Inspection (AA)
Rob Caho

11:30 a.m.-12:00 p.m.  These sessions qualify for 0.5 Iowa Contact Hour
Seismolectric Groundwater Exploration
Ervin Kraemer and Ervin Kraemer
Setting Up and Troubleshooting a Typical Residential VFD (AA)
Tom Stephan and Tom Stephan

12:30 p.m.-1:30 p.m.  These sessions qualify for 1 Iowa Contact Hour
Safe Practice in the Groundwater Industry: Slips, Trips, and Falls
Roger E. Renner, MGWC and Denis Crayon
Water Well Corrosion: Types, Effects, and Resolutions
Roger Miller and Eric Duderstadt

1:00 p.m.-1:30 p.m. These sessions qualify for 0.5 Iowa Contact Hour
Borehole Geophysics - Spontaneous Potential (SP) Logs (AA)
Bruce Manchon, PG and John Sciacca
Geophysical Groundwater Exploration (AA)

1:00 p.m.-2:15 p.m. This session qualifies for 1.25 Iowa Contact Hours
NGWA Advisory Panel Connect Open Roundtable

2:00 p.m.-2:30 p.m. This session qualifies for 0.5 Iowa Contact Hour
Borehole Geophysics - Gamma Ray (AA)
Bruce Manchon, PG and John Sciacca

2:30 p.m.-3:30 p.m. These sessions qualify for 1 Iowa Contact Hour
Preparing for the Field: What to Take (AA)
W. Richard Laton, Ph.D., P.G., CPG and Steven Maslansky
Safe Practice in the Groundwater Industry: Electrical Safety and Electrocution
Roger E. Renner, MGWC and Denis Crayon

3:00 p.m.-3:30 p.m. These sessions qualify for 0.5 Iowa Contact Hour
Borehole Geophysics - Resistivity (AA)
Bruce Manchon, PG and John Sciacca

4:00 p.m.-4:30 p.m.
Borehole Geophysics - Building Cross Sections (AA)
Bruce Manchon, PG and John Sciacca
Enhancing Motor Protection
Bob Pelikan

Friday, December 9, 2016
IA and NGWA Drought Summit