

UTAH GROUND WATER ASSOCIATION

The Advocate FALL 2011 EDITION

LETTER FROM THE PRESIDENT

DAVE WORWOOD — 4D PLUMBING

As this reaches you I hope all is well with you and yours. This will be the last news letter before our Annual Conference & Expo in Mesquite, Nevada. Details are included in this issue for agenda and registration. I am excited about the lineup of speakers and presenters that have been included this year. I look forward to seeing everyone and hearing how the past twelve months have treated you and your businesses. Bring your family for dinner and open up your wallets at the auction to support our scholarship fund to help send our young adults to college. There will be some great raffle and drawing items as well. Please bring auction items if you can afford them to help with the fund raiser. Also bring your crews and pump people to get their required CEU's. This is a great opportunity for pump installers to get their CEU credits and meet new people in our industry.

On a different subject the deer hunt is going on as I write this and I feel very fortunate that we live in the good old USA where we have the choice to hunt or not. That we can own our own weapons and have the opportunity to take our kids and grandkids hunting is a privilege that sometimes I think we take for granted. We still live in a free country to work and play as we see best for each of us and our families. Work sometimes takes us away from these activities. There is a fine line in my world that I walk trying to get things done at work and spending the time with family and friends that I think I need or more importantly want. There never seems to be enough time in these tough economic conditions to do both justice. If anyone can tell me how to retire at an early age [legally] I am all ears.

Our association is here to help with issues related to the water well industry that effect one or all of us. The NGWA is continually working for the drilling industry in many ways to enhance our industry, protect us from unfair laws and help make us more professional in the public's eye. I think the UGWA can help on a local level. In the year I have been acting as president I have only had one person contact me related to the Utah Ground Water Associations actions. If you have any issues that need to be addressed by the officers and board, please do not hesitate to contact me or any board member. I feel our

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NEWS FROM THE STATE ENGINEER'S OFFICE

JIM GODDARD, PG—UTAH DIVISION OF WATER RIGHTS

AFFIDAVIT OF BENEFICIAL USE PROCESS

Over the course of this year's training seminars, many groundwater professionals have asked about the recent changes to the Proof of Beneficial Use filing requirements, so I thought this might be a good setting to explain the changes.

In 2009, House Bill 389 created a process in which certain small water right holders do not need to hire a proof professional and file Proof of Beneficial Use. A streamlined process involving an Affidavit of Beneficial Use can now be submitted in place of the lengthy and expensive Proof of Beneficial Use. An Affidavit of Beneficial Use may be submitted by an applicant without hiring a proof professional if the water right qualifies under statute. An affidavit qualifies if all of the following criteria are met:

- The water right is associated with a residence, either full- or part-time. (Note: The residence may receive water under another water right or from a municipal connection. However, any irrigation or stock use on the affidavit must be associated with the residence.)
- The water use is for a quarter acre of irrigation or less.
- The water use is for the watering of ten head of livestock (or equivalent) or less.
- The water use does not include any uses in addition to the three listed above.

There are four documents (find at www.waterrights.utah.gov/proofs/proofaffidavit.asp) that must be submitted as part of the Affidavit of Beneficial Use as follows:

- Affidavit of Beneficial Use of Water. This document must be filled out by the applicant and signed before a notary public.
- Map of Beneficial Use. This map is created by the applicant and shows the beneficial uses and source of water.
- Certificate of Occupancy. This document can usually be obtained from the city, county, or other municipality that issued the building permit for the residence.
- Plat Map. This is a map of the property created by a surveyor that can be obtained from the County Recorder's Office, usually for a nominal fee.

Wealth is not his that has it, but his that enjoys it. - Poor Richards Almanac

No gains without pains. - Poor Richards Almanac

Trust thyself, and another shall not betray thee. - Poor Richards Almanac

LETTER FROM THE MEMBERSHIP VP

JIM WANKIER—MITCHELL LEWIS & STAVER

A WORD ABOUT MEMBERSHIP

Recently I have been contemplating and reviewing many of the responses that the members have given me in regards to the Member Feedback Survey that was sent out over the past spring and summer. I have thoroughly enjoyed speaking with many of you on the phone, and reading e-mails that were sent in. Thanks again for all the feedback. In short it was very difficult to narrow down all the responses, but in a “nutshell”, **THIS IS THE UGWA:**

A VOICE: The UGWA is made up of a group of highly specialized, experienced professionals that truly understand the Ground Water Industry. Together we stand united with a very powerful voice during the legislature of ground water issues that can and will affect our industry. With our combined knowledge of the Ground Water Industry we make up a **voice** that can, and will be heard. We truly have strength in numbers.

AN EDGE: By attending our annual Conference and Ground Water Show, you will have the opportunity to not only visit with other members and discuss the industry, but will learn the latest techniques and available products throughout the many displaying vendor booths that are set up. From drilling, grouting, pump installation and troubleshooting, controls, engineering, and geological information, you will be able to inform and equip yourself with the tools needed to keep you on the **cutting edge** of the Ground Water Industry.

AN EDUCATION: Here in the great state of Utah there are a vast number of licensed well drillers and pump installers that largely make up the UGWA. Each year the UGWA provides several opportunities to attend classes and earn the required CEU credits required by the State of Utah to be licensed. These classes are taught by qualified knowledgeable instructors that teach an array of subjects pertaining to the Ground Water Industry. **Education** is not just another way to keep your license current, but will provide you with the necessary knowledge that you need to be a competitive leader in your industry.

A TEAM: Drillers, pump Installers, geologists, engineers, and suppliers, all combined make up a very specialized group of individuals. Highly experienced and knowledgeable in their trades, these individuals are what make the UGWA the most valued **Team** of experts in the Ground Water Industry.

As a member of the UGWA you will have many opportunities to socialize and visit with other members, to share ideas, techniques, and in some cases even equipment. Build friendships that will last a lifetime, and relationships that will ensure a strong and stable future for your business and interests in the Ground Water Industry here in the Great State of Utah.

This is the UGWA: Together we can make a difference, because the future belongs to us all.

Thanks again, Jim Wankier, VP Membership

**UTAH
GROUND
WATER
ASSOCIATION**

**Annual
Conference & Expo**



January 12 & 13, 2012

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Manufacturers ▪ Contractors ▪ Suppliers ▪ City/State
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(So Far! As of 11/1/11)

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Industrial Piping Supply
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Laval Underground Surveys
Mitchell Lewis & Staver
Roscoe Moss Company
Rual Water Association of Utah
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Be One of The First In The Industry to Experience

The 2012 McElhiney Lecturer



UGWA

Golf Tournament

**Kick Off this year's Event
With Some Fun!**

Thursday, January 12th
9:00 am at The Palms Golf Club

Only \$40 per person
(includes 9 holes, cart & prizes)

Space Is Limited so Sign Up Early!

Make Great Connections!

*Please Remember Your Donations
For the UGWA Scholarship Auction*



THE UGWA IS PROUD TO WELCOME TO THE 2012 CONFERENCE & EXPO

2012 McELLINEY LECTURE: LIFE-CYCLE ECONOMIC ANALYSIS OF WATER WELLS — CONSIDERATIONS FOR DESIGN AND CONSTRUCTION

PRESENTED BY MARVIN F GLOTFELTY, RG

Be one of the first to experience the 2012 McElhiney Lecture presentation. You will be shown how seemingly more expensive initial water well costs may actually pay for themselves in the early life of the well, in addition to providing ongoing dividends in value and economics for many subsequent years.

You will learn how:

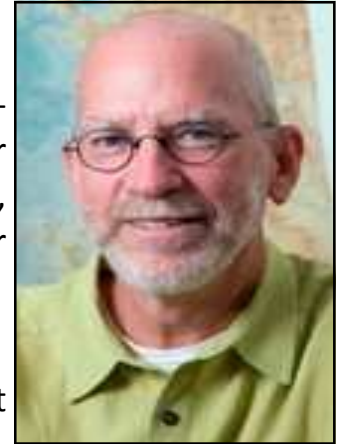
The total cost of the well can significantly increase by using the least expensive “low-bid” approach to well construction in some cases

- Some well construction materials or methods that appear to be beneficial and cost-efficient may have “hidden” costs that can actually increase O&M costs or reduce the useful life of a well
- Analytical methods and techniques can maximize water production and water quality in both new and existing wells.

Several elements of well design/construction that impact the total (life cycle) cost of water wells including screen type, construction material, well development method, and frequency of well cleaning will be discussed.

An example life-cycle economic analysis comparing low-carbon steel vs. stainless steel well screen will be presented. The analysis includes consideration of the actual construction cost of more than 70 municipal wells installed between 1993 and 2010. This analysis was independently performed in 2003, 2008, and 2010, with essentially identical results. Economic elements include:

- Initial capital cost
- Energy requirements for water pumping
- Operations and maintenance costs
- Probable well longevity



You Won't Want to Miss This!

2012 UGWA Conference & Expo

SCHEDULE OF EVENTS

CEU credit will be given to all registered attendees who attend classes

Wednesday, January 11th

6:00pm - 9:00pm **Vendor Setup** (closed to attendees)

Thursday, January 12th

9:00am - 11:45am **Vendor Registration & Setup** (closed to attendees)

9:00am - 12:00pm **Golf Tournament @ The Palms Golf Club**

12:00pm - 4:30pm **Registration & Vendor Display Open**

2:00pm - 2:30pm Welcome and Announcements

2:30pm - 3:30pm **CEU Class: Utah Well Rule Issues & Updates**

presented by Jim Goddard, Utah Division of Water Rights

3:30pm - 4:30pm **CEU Class: Great Basin Carbonate & Alluvial Aquifer System**

presented by Vic Heilweil, USGS

4:30pm - 6:00pm **Vendor Social** w/cash bar (everyone is welcome)

6:00pm - 9:00pm **Banquet & Scholarship Auction**

Friday, January 13th

7:00am - 8:00am Breakfast/ **Vendor Visits**

8:00am - 9:00am **CEU Class: OSHA & Safety for Drillers**

presented by Bruce Fox, UDOT Highway Patrol

9:00am - 9:30am Break / **Vendor Visits**

9:30am - 11:00am **CEU Class: Life-Cycle Economic Analysis of Water Wells**

presented by Marvin Glotfelty RG, The 2012 McElhiney Lecturer

11:00am - 12:00pm **General Membership Meeting & Board Elections**

12:00pm - 1:00pm Lunch

1:00pm - 2:30pm **CEU Class: DOT Safety & Inspection Protocols**

presented by Bruce Fox, UDOT Highway Patrol

2:30pm - 3:00pm Break / **Vendor Visits / Vendor Drawing**

3:00pm - 4:00pm **CEU Class: Iron Bacteria & Treatment**

presented by Steve Strong, Laval Underground Surveys

3:00pm - 4:00pm **Vendor Take Down**

4:00pm - 4:15pm Closing Remarks - Dave Worwood, UGWA President

4:15pm - 4:30pm Final Drawings / Convention Adjourned

Attendee Registration Form

UGWA Annual Conference & Expo—January 12-13, 2012
CasaBlanca Resort & Casino in Mesquite NV

Registration includes: *Thursday Vendor Social; Thursday Banquet Dinner and Fundraising Auction; Friday Breakfast; Friday Lunch; Exhibit Hall Access; Admission to All CEU Classes*

First: _____ M: _____ Last: _____

Certifications: _____ License # _____ Contractors # _____

Phone: _____ Email: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

On or Before Jan 4th After Jan 4th

Registration

UGAW Annual Membership	\$50	\$50	\$ _____
Conference Registration <i>(attach additional employee names & email addresses)</i>	\$125	\$175	\$ _____
NonMember Registration	\$200	\$250	\$ _____
Non Displaying Vendor	\$300	\$350	
Golf Tournament	\$40	N/A	\$ _____

Spouse Meal Tickets (Those Not Attending Classes)

Banquet Dinner/Auction Only	\$35	\$50	\$ _____
All Three Meals	\$70	\$85	\$ _____

Raffle Tickets

Quilt Tickets	6 for \$5	Qty: _____	\$ _____
Gun Tickets	6 for \$10	Qty: _____	\$ _____
50" 3D HD TV Tickets	\$50	Qty: _____	\$ _____

TOTAL ENCLOSED: \$ _____

Return Completed Form with Your Payment to: UGWA 5577 Walden Glen Dr, Murray UT 84123-7942
 or **Register On-Line** www.utahgroundwater.org

LETTER FROM THE PRESIDENT

(CONTINUED FROM PAGE 1)

association has taken a step up to the next level with the improvements that have happened over the past several years. I for one am proud to be a part of this group. Our Board of Directors has representatives for several categories which would address any concerns you have. I would encourage anyone interested to run for board positions in the future. I feel we have a very good Board of Directors at the present time and I know they take their responsibility of representing the membership very seriously. Get involved and come join us in Mesquite In January.

Merry Christmas & Happy New Year!

David Worwood

WATER AND ENERGY CONSUMPTION CALCULATORS

How much water do you use when you take a shower? Wash a load of clothes? Flush a toilet? Even brush your teeth? Check out these sites to get a rough estimate of how much water you use inside your home on a typical day:

<http://ga.water.usgs.gov/edu/sq3.html>

<http://wellowner2.org/2009/waterusecalculator.htm>

The Marsha Eppler Crisis Fund

Quilt Raffle Fundraiser

Tickets Available Now!

Purchase with your registration
or in Mesquite

Only \$1 each or \$6 for \$5

All Proceeds Benefit the MECF



The Marsha Eppler Crisis Fund provides financial assistance to members and others in the ground water industry who have been adversely affected by accident, illness, financial difficulty and recent natural disasters. All funds donated are strictly voluntary and are greatly appreciated.

Drawing Takes Place Friday, January 13th at the
Conclusion of the Annual Conference & Expo
Must be Present to Win

Vendor Registration Form

UGWA Annual Conference & Expo—January 12-13, 2012
CasaBlanca Resort & Casino in Mesquite NV

Registration includes: Booth Space (6' or 8' Table & Chairs); Promotion in 2 Editions of our Quarterly Newsletter; Promotion on our Website www.utahgroundwater.org; 1 UGWA Membership; 2 of The Following: Thursday Vendor Social; Thursday Banquet Dinner and Fundraising Auction; Friday Breakfast; Friday Lunch

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Member

First: _____ M: _____ Last: _____

Phone: _____ Email: _____

2nd Representative

First: _____ M: _____ Last: _____

Phone: _____ Email: _____

	<u>Before Jan 5th</u>	<u>After Jan 5th</u>	
Registration			
Booth Space	\$400		\$ _____
Golf Tournament	\$40		\$ _____
Spouse or Additional Representative Meal Tickets			
Banquet Dinner/Auction Only	\$35	\$50	\$ _____
All Three Meals	\$70	\$85	\$ _____
Raffle Tickets			
Quilt Tickets	6 for \$5	Qty: _____	\$ _____
Gun Tickets	6 for \$10	Qty: _____	\$ _____
50" 3D HD TV Tickets	\$50	Qty: _____	\$ _____
TOTAL ENCLOSED:			\$ _____

Return Completed Form with Your Payment to: UGWA 5577 Walden Glen Dr, Murray UT 84123-7942
or **Register On-Line** www.utahgroundwater.org
Questions: 801.541.7259 or admin@utahgroundwater.org

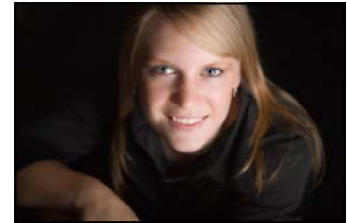
The UGWA Scholarship Fund

TV & Gun Raffles

Gun Raffle Tickets only \$2 each or \$6 for \$10

50" 3D HDTV Raffle Tickets only \$50 each

All Proceeds Benefit the UGWA Scholarship Fund



Tickets Available Now!

Purchase with your registration
or in Mesquite

The UGWA SF is made available to assist and encourage the education of qualified active UGWA members, their spouses, children and/or grandchildren.

The Program is funded by donations from the NGWA, MSGWA and our members. The auction, TV raffle & gun raffle held at our Annual Conference & Expo are our primary fundraising events for this fund. All donations are strictly voluntary and are greatly appreciated.



Drawing Takes Place Friday, January 13th at the
Conclusion of the Annual Conference & Expo
Must be Present to Win

USGS MAKES HISTORIC TOPOGRAPHIC MAPS AVAILABLE

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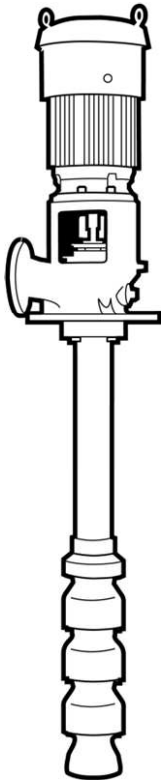
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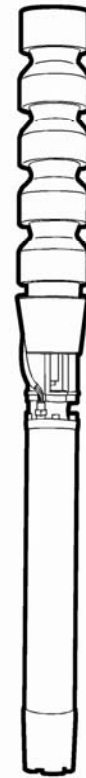
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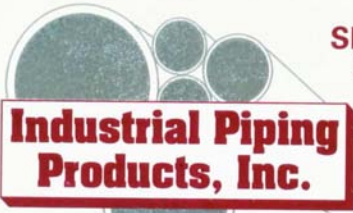
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- And Much More!



WWW.UTAHGROUNDWATER.ORG

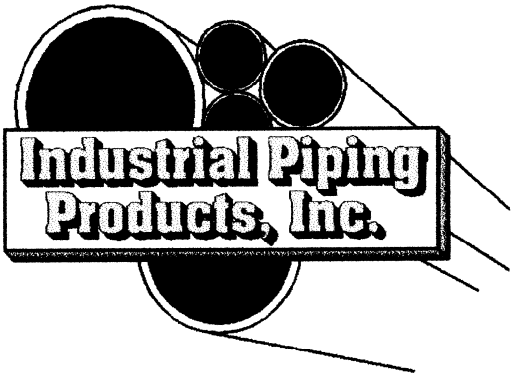


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The advertisement for Colette Read Associates is framed by two tall stacks of papers on the left and right sides. In the center, the text is arranged as follows: "Need Help?" in red, "Colette Read Associates are Contracted Professionals" in black, a list of services in black, "All This Without Employee Headaches" in black, and "For More Info: 801.541.7259 or www.coletteread.com" in black. At the bottom center, a person's head is visible, looking upwards.

Need Help?

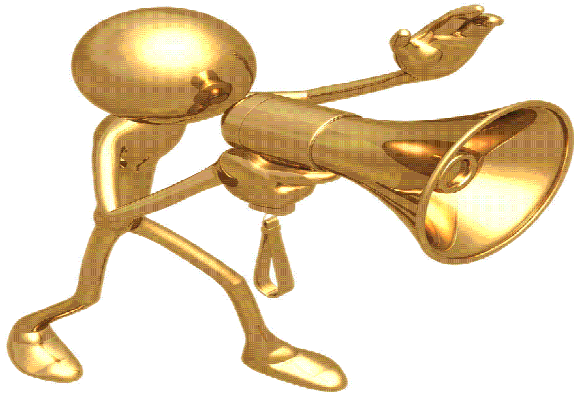
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All This Without Employee Headaches

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Get Your UGWA Membership FREE!



Announcing The 2011 UGWA Membership Drive!


Now you can get your UGWA membership for FREE. Simply tell your Friends, Co-Workers, Customers, Suppliers, Manufacturers and Colleagues about the benefits of being a member of your Utah Ground Water Association. When they join, we will credit \$10 towards your renewal, for each New Member referred by you. It only takes 5 and yours is free! It's that easy!

You only need to be a member in good standing and remind them to mention your name when asked how they heard about us. Applications are available thru our website at www.utahgroundwater.org or in this newsletter. If you have any questions, please feel free to contact us at 801.541.7259



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MEMBERSHIP TYPE (CIRCLE ONE): A B C D E

DRILLING LICENSE # _____ **CONTRACTORS LICENSE #** _____

NAME _____

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MAILING ADDRESS _____

CITY/STATE/ZIP _____

PHONE (_____) _____ **CELL (_____)** _____

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Membership Types

- A. CONTRACTOR:** Any person, firm or corporation doing business and licensed to drill, either water wells or ground water monitoring,
- B. PUMP INSTALLER:** Any person, firm or corporation doing business and licensed to install ground-water pumping equipment.
- C. MANUFACTURER:** Any person, firm or corporation engaged in the manufacturing of equipment, or materials used in the ground water industry.
- D. SUPPLIER:** Any person, firm or corporation engaged in the sale of equipment or supplies associated with the ground water industry.
- E. TECHNICAL:** Any hydrologist, geologist, or engineer involved in teaching, research, consulting and or government services associated with the ground water industry.

This membership allows the joining of one individual to benefit from all the privileges of membership in the Utah Ground Water Association. Annual membership dues are \$50.00 per year. These dues cover membership only in the Utah Ground Water Association. The Utah Ground Water Association is affiliated with the National Ground Water Association and the Mountain States Ground Water Association.

UTAH GROUND WATER ASSOCIATION

ADVERTISING FEE SCHEDULE

NEWSLETTER (per quarterly issue)

DESCRIPTION	MEMBER	NON-MEMBER
1/8 Page or Business Card	\$25	\$30
1/4 Page	\$50	\$60
1/2 Page	\$75	\$90
Full Page	\$100	\$120

WEBSITE (per calendar month)

DESCRIPTION	MEMBER	NON-MEMBER
Classified (no pictures)	\$0	\$10
Classified w/one picture	\$5	\$15
Careers/Help Wanted	\$0	\$0
Bronze Sponsor	\$25 (with annual contract)	
Silver Sponsor	\$50 (with annual contract)	
Gold Sponsor	\$75 (with annual contract)	
Platinum Sponsor	\$100 (with annual contract)	

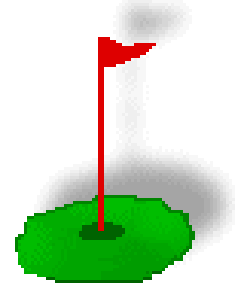
please join us for the
1st Annual UGWA Golf Tournament

Thursday, January 12, 2012

9:00 am

The Palms Golf Club

Mesquite NV



Tee times begin at 9:00am for 9 holes of regular play.

\$40 pp includes golf, cart & prizes

Space is Very Limited so Register Early

Questions: Contact admin@utahgroundwater.org or 801.541.7259

UTAH GROUND WATER ASSOCIATION

5577 Walden Glen Dr, Murray Ut 84123-7942

www.utahgroundwater.org

President (Exp 01/2013)**Dave Worwood**

4D Plumbing
66 S Main St
Nephi UT 84648
(435)623-1199

Dave@Waterwellservice.com

VP Newsletter (Exp 01/2013)**George Condrat PE PG**

Loughlin Water Associates LLC
3100 W Pinebrook Rd #1100
Park City UT 84098
(435)649-4005

GCondrat@Loughlinwater.com

VP Memberships (Exp 01/2013)**James F Wankier**

Mitchell Lewis & Staver
6991 S commerce Park Dr
Midvale UT 84047
(801) 561-5011

JWankier@MitchellLewis.com

Contractor Representative (Exp 01/2013)**Robert Armstrong**

Armstrong Drilling Inc
Po Box 981507
Park City UT 84098
(435)645-9448

ArmstrongDrilling@gmail.com

Technical Representative (Exp 01/2013)**Jerry Bronicel PG**

Water-Tite Consulting
1233 E 6600 S
Salt Lake City UT 84121
(801) 755-3983

Jlbronicel@Hotmail.com

Mfg/Supplier Representative (Exp 01/2013)**Steve Price**

Western Hydro Corp
2406 S 3270 W
Salt Lake City UT 84119
(801) 886-3434

SPrice@Westernhydro.com

Executive Director**Colette Read CBA**

Utah Ground Water Association
(801)541-7259

Colette@Utahgroundwater.org

President-Elect (Exp 01/2013)**Jason Lamb**

Boart Longyear
2745 W California Ave
Salt Lake City UT 84104
(801)973-6667

JLamb@Boartlongyear.com

Past President (Exp 01/2013)**Richard Petersen CWD/CPI**

Aqua Design Inc
2642 S 11900 W
Cedar City UT 84720
(435)559-9357

Aquadesign4@Yahoo.com

VP Conventions (Exp 01/2012)**Chris Mikell PG**

Bowen Collins & Associates
154 E 14000 S
Draper UT 84020
(801)495-2224

cmikell@BowenCollins.com

Contractor Representative (Exp 01/2012)**M Kyle Widdison CPI**

Widdison Turbine Service LLC
12645 S Minuteman Dr Ste B
Draper UT 84020-8655
(801) 580-5738

WiddisionTurbine@gmail.com

Technical Representative (Exp 01/2012)**Chris Dekorver**

Bowen Collins & Associates
154 E 14000 S
Draper UT 84020
(801)495-2224

CDekorver@BowenCollins.com

Mfg/Supplier Representative (Exp 01/2012)**Shawn Nordhoff**

Industrial Piping Products
PO Box 27395
Salt Lake City UT 84119
(801)973-7111

Shawnnordhoff@Gmail.com

State Of Utah Representative**Jim Goddard PG**

Utah Division of Drinking Water
(801)538-7314

Jimgoddard@Utah.gov



5577 WALDEN GLEN DR
MURRAY UT 84123-7942

UGWA

**UTAH
GROUND
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**Annual
Conference & Expo**



January 12 & 13, 2012
See Inside for All The Details
Register Early & Save