

UTAH GROUND WATER ASSOCIATION

The Advocate SPRING 2016 EDITION

LETTER FROM THE PRESIDENT RICHARD PETERSEN — LAST DROP DRILLING AND PUMP SERVICES

Hello to one and all, this will be short and to the point as I have been told I'm holding up the show. Moab is coming around the corner and I would love to see everyone there. I hope to be there myself, it is always so much fun and informative.

Change is in and I hope those that wanted it got what they voted for. I have a feeling more is to come. There are so many reasons I love doing the work I do and fighting for the industry as I see it. I can't begin to talk about all that touches my heart. However, I fear my father was correct in stating we were putting ourselves out of work. Although he believed we are sometimes our own worst enemy. I think then again, we must make it what we can and will everyday.

It is starting to warm up and I see you all out working everywhere. It is good to keep moving, even if some days are too slow, a little ruff with others, and some just too crazy busy. If I know nothing else, as I feel some of you do also, we just stand up and fight through to another day/week/month or year. So to all of you, if you hold something dear, then stand up for it and hang on. God bless all of you out there. Stay safe and make a difference.

Richard Petersen — UGWA President

UGWA SKEET SHOOT NEIL BURK, P.G. — NEWSLETTER EDITOR

The UGWA Board has approved the proposed skeet shoot to be held at the UGWA Annual Conference and Expo in Mesquite! The skeet shoot will be held at a local gun club on Thursday morning. Additional details to come. Dave Worwood and Shawn Nordhoff will be organizing the event. We would like to have prizes for participants, so if anyone is interested in sponsoring the event, please contact Dave, Shawn or Colette (see the last page for contact info). Thanks!

INSIDE THIS ISSUE:

<i>LETTER FROM THE PRESIDENT</i>	1
UGWA SKEET SHOOT	1
<i>2016 MOAB PED AND SUMMER RETREAT</i>	2
2016 UGWA SPONSORS	4
WELL/PUMP CEU SEMINAR	5
<i>SAFETY IS NOT COMMON SENSE</i>	7
MEMBERSHIP QUERY	10
TALES FROM THE FIELD	14
SCHOLARSHIP APPLICATION	18
UGWA MEMBERSHIP APPLICATION	20
<i>UGWA ADVERTISING FEE SCHEDULE</i>	21
<i>UGWA BOARD OF DIRECTORS</i>	22

2016 Moab PED & Summer Retreat

June 10th & 11th at

The Moab Valley Inn and Conference Center

Please join us for this year's Moab Professional Education Day & Summer Retreat. We will be offering 6 hours of CEUs, combined with a fun family get away. This will be a great way to get to know and reconnect with others in our industry while enjoying some family fun in sunny Moab. We can't think of a better way to kick off the summer. You won't want to miss this one!

*For More Information, Registration and Sponsorship Opportunities
Visit us at www.utahgroundwater.org*

Registration Now Open!

PED

Members \$40—Non-Members \$65

River Rafting Trip

Adults \$80 Youth \$65



711 S Main St, Moab UT
1 King Size bed or
2 Queen Size Beds \$130
800-831-6622 code UGWA16
Group Rate Expires May 8th



**2016 UTAH GROUND WATER ASSOCIATION
Moab PED & Convention
Agenda**

Friday, June 10, 2016

Continuing Education Classes

Utah Water Well Drilling Rules Update Jim Goddard, P.G., Utah Division of Water Rights	9:00 AM	~	10:00 AM
---	---------	---	----------

DOT Inspections & Protocols Trooper Giles, UHP	10:00 AM	~	11:00 AM
---	----------	---	----------

Well Construction and Pump Installation Gone Wrong Fred Rothage, Hydro Resources	11:00 AM	~	12:00 PM
---	----------	---	----------

Lunch - Sponsored by Mitchell Lewis and Staver	12:00 PM	~	1:00 PM
---	----------	---	---------

Solar Pump Systems, Dan Saunders, Lorentz	1:00 PM	~	2:00 PM
--	---------	---	---------

Domestic Water Systems Tray Spath, Pentair	2:00 PM	~	3:00 PM
---	---------	---	---------

Well Design Thom Hanna, Bilfinger - Johnson Screens	3:00 PM	~	4:00 PM
--	---------	---	---------

Closing Remarks and Comments	4:00 PM	~	4:15 PM
------------------------------	---------	---	---------

UGWA BBQ and Social Rotary Park, 1680 East Mill Creek Drive, Moab UT	5:30 PM	~	Whenever
---	---------	---	----------

Saturday, June 11, 2016

UGWA River Raft Trip Red River Adventures	8:00 AM	~	~ 2:30 PM
---	---------	---	-----------

2016 UGWA Sponsors

We Support Those Who Support You

PLATINUM SPONSORS



GOLD SPONSORS





SHAWN NORDHOFF
Sales Representative

Industrial Piping Products, Inc.

2360 S. 3270 W.
Salt Lake City, UT 84119

801-973-7111
Fax 801-973-4791
Mobile 801-554-3928
Toll Free 800-748-5150



Jeffrey C. Stucki

Nickerson Company, Inc.
2301 West Indiana Avenue • P.O. Box 25425
Salt Lake City, Utah 84125
www.nicopumps.com

801-973-8888 Ext. 234 Office
801-597-4686 Cell
801-973-8267 Fax
jeff@nicopumps.com



Complete line of Drilling Products for:
Mining, Exploration, Waterwell, & Oilfield

MOAB BIT & TOOL CO.

24 Hr. Service 1-800-453-1052
FAX 435-259-2968
www.moabbt.com

MAIN OFFICE
435-259-7763
999 W. 400 N.
P.O. Box 817
Moab, UT 84532

STAN HOLLAND
Cell: 435-210-0817
stan@moabbt.com



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Water Rights

KENT L. JONES
State Engineer/Division Director

April 13, 2016

NOTICE: Well/Pump Continuing Education Seminar –Thur., June 16, 2016

The State Engineer's Office will host a Well/Pump Seminar on Thursday, June 16th, 2016 at the Natural Resources Building in Salt Lake City. This seminar is sponsored and organized by the State Engineer's Office. This seminar is free of charge and will consist of at least 6 hours (credits) of continuing education.

The seminar will be held in the auditorium (Room 1040, 1050, & 1060) of the Utah Department of Natural Resources Building located at 1594 West North Temple in Salt Lake City, Utah. Parking is available on the South, West, and Northwest sides of the Natural Resources Building. The Natural Resources Building entrance is on the South side of the new part of the building. The DNR receptionist will provide guidance on how to get to the auditorium once the building has been entered.

The seminar will begin at 8:00 am and finish at about 3:00 pm. The agenda for the seminar is as follows:

8:00 am - 8:05 am	Welcome	Jim Goddard/Water Rights
8:05 am - 9:15 am	Utah Well/Pump Rules Review	Jim Goddard/Water Rights
9:15 am - 9:30 am	Break	
9:30 am - 10:30 am	Well/Pump Discharges to State Waters: A Case Study	Kyle Widdison/Widdison Turbine Service/UGWA President -Elect
10:30 am - 10:45 am	Break	
10:45 am - 12:00 pm	Diagnosis and Treatment of Well Problems	LeRoy Palmer/AmeriWest Water Services
12:00 pm - 1:00 pm	Lunch Break (on your own)	
1:00 pm - 3:00 pm	Well Sealing Materials and Processes	Ron Peterson/ Baroid IDP
3:00 pm	Adjourn	

Please let Kelly (801-538-7416) know by Tuesday, June 14th if you plan on attending the seminar in Salt Lake City so we can make sure we have adequate seating for everyone. Thank you for your continuing support of the water well drilling program.

Sincerely,
Jim Goddard, P.G.
Well Drilling Program



Flomatic Corporation

15 Pruyn's Island Drive
Glens Falls, NY 12801-4421
Tel: 800-833-2040
Direct Tel: (518) 761-9797
Direct Fax: (518) 761-9798
www.flomatic.com

Contact: Dina Dieckert, Marketing Coordinator
Telephone: 518-761-9797 ext 225
Fax: 518-761-9798
E-mail: dina@flomatic.com

NEWS RELEASE

FOR IMMEDIATE RELEASE



Glens Falls, NY – Flomatic Corporation introduces the new **Model 5400 Flo-E-Centric®** plug valves. The **Flo-E-Centric®** plug valves are round-port eccentric plug valves designed in compliance with ANSI/AWWA C517-09. The body, bonnet and plug (NBR encapsulated) are constructed of ASTM A536 grade 65-45-12 ductile iron and flanges are rated ANSI class 150#. All fasteners and washers are stainless steel.

These valves are designed primarily for the water and wastewater markets. Other applications include handling a variety of liquids, slurries and gasses including air and some chemicals.

For more detailed information on Flomatic's new **Model 5400 Flo-E-Centric®** plug valves or to obtain a copy of the new 2016 condensed valve catalog, visit www.flomatic.com, email them at flomatic@flomatic.com, call Flomatic Corporation at 1-800-833-2040 or fax them at 1-800-314-3155.

Flomatic Corporation
High Quality Valves Built to Last. . .

SAFETY IS NOT COMMON SENSE

HEATH TAYLOR, C.S.P. — WST SAFETY SUPERVISOR

I have been in the safety profession for eight years. During those years I have heard one common expression over and over again, "Safety is common sense." This phrase, this assumption, insinuates that safety is easy. My goal is to bring perspective to how much intention, knowledge, skill, and dedication that applies to safety.

Safety has come a long way since the industrial age. Safety is no longer innate assumptions made by untrained and unqualified people. Safety is the sum of chemistry, engineering, physics, psychology, physiology, design, and culture. Safety is actually not as naturally instinctive as one may think. There are self-preserving instincts pre-programed into humans; such as a fear of heights, or the compulsion for security, but for the most part humans are risk takers. We make analysis of what we deduce as safe or unsafe, usually based on personal experience, and take measured risks on a daily basis. The best illustration I can think of is someone on a ladder reaching as far as they can to the left or right, barely hanging on with one toe and two fingers just to avoid moving the ladder. Fred A. Manuele, who wrote Advanced Safety Management Focusing on Z10 and Serious Injury Prevention, encourages employers to reduce error-provocative situations; such as inherently complicated tasks, induced fatigue or unpleasant requirements. His basis here is that employees will take the path of least resistance. It takes discipline, commitment to excellence, and a sense of accountability to do the right thing, especially when the right thing is more difficult. One has to go against their instincts and make a conscious decision to be safe when there is opportunity to take a shortcut.

Common sense for all intents and purposes is retrospective. Employees who have not made an error themselves, or at least received proper training, do not have this perspective. "Didn't that guy know if he cut into that tank it could explode?" The answer often times is no. The tank wasn't labeled, the employee was new to the site and used to cut on water tanks before this job, the employee didn't know that grain emitted volatile fumes and no one told him. Many people have died in fires, being crushed by poor constructed buildings, explosions, and the tragic list goes on. For each of these deaths we must capitalize the opportunity to learn. Brushing these incidents off as errors made only by the simpleminded, because they didn't have common sense, neglects the opportunity for improvement. Manufacturers have changed their chemical compounds, OSHA has changed regulations for exposure limits to employees, and buildings are constructed with better material because they took time to study catastrophes instead of ignoring them.

Sam Levenson said, "You must learn from the mistakes of others, you can't possibly live long enough to make them all yourself." Ancient Greek philosopher Democritus also said, "A fool can learn from his own experience; the wise learn from the experience of others." I challenge everyone who is reading this to take the time to evaluate any mistake that you have made, any near hit, any close call, and not only learn from it but share it. You never know, you may save a life.

This article was provided by:

Fred Rothauge — Hydro Resources
UGWA Membership Chair



Moving Water is Our Business

www.2mco.com



2M Company, Inc. Idaho Falls

5296 Heyrend Drive, Unit A • Idaho Falls, ID 83402 • Phone: 208-542-2515

Toll Free: 877-982-7867



Franklin Electric

Johnson screens™

Water Right
filtration
systems



In The The Great State Of Utah, Experienced Drilling And Pump Contractors Know That Western Hydro Is The Place To Go For The Equipment And Supplies You Want At Competitive Prices!

WE STOCK A COMPREHENSIVE LINE OF ...

- Pumps • Casing - PVC/Steel • Screen - PVC/Steel Pipe • Pump Derricks & Parts
- Drilling Rig Pumps and Parts • Tanks • Drilling Fluids - Mud/Grout
- Water Treatment Systems & Supplies • Drilling Supplies - Bits/Subs/Hammers
- Lead Free Water Service Valves • And Much More!

Western Hydro Corporation now has five complete build centers, strategically located for your build to order submersible and lineshaft turbines. Machine work, labor, and other services available by quotation.

GOULDS
WATER TECHNOLOGY
a xylem brand

- Labor:**
- Bowl tear down and rebuild
 - Remove seized nipples
 - Special TPL's
 - Impeller back filing
 - Hardened sleeves removed/Installed
 - Line shaft/head shaft flame straightening
 - Tube and shaft clean up

Machine Work:

- Wear Rings – Cast iron, brass, stainless steel
- Impellers Trimmed
- Machine bowls for wear rings or oversize bearing
- Reface Bowls
- Keyways cut
- Machine for dual seals
- Motor or drive clutch bored, bushed, re-key
- Special length shafts, oil tubes, column pipe, column nipples
- Special Adaptations – Threading, tee-brgs, stretch bearings



Franklin Electric

NEW!

WE ARE PROUD TO NOW OFFER A FULL LINE OF FRANKLIN ELECTRIC PUMPS AND MOTORS TO OUR CUSTOMERS!

Please Contact Your Local Western Hydro Corporation Salesperson For More Details!



WESTERN HYDRO CORPORATION

2406 South 3270 West
West Valley City, UT 84119
1-800-421-4185

GOULDS
WATER TECHNOLOGY
a xylem brand

CentriPro
a xylem brand

RED JACKET
Water Products
a xylem brand

Water Group

Goulds is a registered trademark of Goulds Pumps, Inc. and is used under license.

LAKOS

CETCO

PUREGOLD[®]
MEDIUM CHIPS

HOLE AL
M

50 lbs. Net Wt.

Hydro

DRILL MUD 220

High Yield Bentonite
for water & mineral exploration
and horizontal boring

Western Hydro Corporation
Baywood, CA 94545
1-800-421-4185

50 lbs. Net Wt.

Atlas Copco SECOROC DHD

Johnson screens

SIEMENS

CertainTeed

STENNER

SymCom

MEMBERSHIP QUERY

FRED ROTHAGE — HYDRO RESOURCES

As your membership director I'd like to report that on February 22-23, 2016, with the help of Hydro Resources, I was fortunate to have participated in the 2016 National Groundwater Association (NGWA) Fly-In in Washington D.C., with about 50 other NGWA members. This was a great opportunity to speak directly with our legislators about important water issues facing our industry.

Day 1 involved several discussions of the NGWA's priority issues, along with training on how to conduct meetings with legislators on Capitol Hill. Even though our group met with the Legislative Staff of Senators and Representatives from Colorado we were able to hand out NGWA information packets which discussed each of the four issues the NGWA is promoting:

(1) Support for funding the [National Ground-Water Monitoring Network](#) (NGWMN)

Issue: At present, no comprehensive, national picture of groundwater exists.

Ask: Fund NGWMN at a level of \$5 million in the FY2017 Interior-Environment Appropriation Bill.

(2) Passage of the [Water Systems Cost Savings Act](#)

Issue: As drinking water infrastructure needs increase, rising cost create challenges for small communities to provide safe and reliable drinking water.

Ask: Cosponsor H.R.3533 or S.1642 as an important opportunity to promote assistance for cost-effective water infrastructure systems for small communities.

(3) An extension of tax credits for geothermal heat pumps (GHP's)

Issue: Tax credits for installation of residential and commercial geothermal heat pumps set to expire 12/31/2016.

Ask: Put GHP's on equal footing with wind and solar tax credits. Extend the Investment Tax credit under Section 25D and Section 48(a) of the U.S. tax code through 12/31/2121.

(4) Support for Comprehensive Drought Legislation

Issue: Drought conditions throughout the Western United States over the past five years resulted in subsidence, groundwater over-drafting, and damage to ecosystems.

Ask: Comprehensive drought legislation that provides support for managed aquifer recharge programs to help groundwater systems to recover.

Again as your membership director I want to thank all of our members and our board of directors for contributing to the Utah ground Water Association.

Because of you, the UGWA continues to provide many benefits to its members, as well as to the water well industry by providing a network of professional training seminars (CEU's) provided by our many sponsors and speakers at the mid-year and annual conferences.

Your membership contributions, booth sponsorships as well as funds raised during the auction and other ac-

(Continued on page 11)

MEMBERSHIP QUERY (CONTINUED)

(Continued from page 10)

tivities are used to support the conferences and scholarships. Scholarships are given by the association to several well deserving students each year and without your support this could not happen.

I am interested to learn why you value your membership within the UGWA. I would like to hear what it is you like and changes you would like to see. I am open to ideas which could help grow our association's membership. As with any professional organization there is always room for improvement and the only way to do this is through your participation by expressing concerns or ideas for improving our association.

Please email me at frothauge@hydroresources.com or send a letter to me at:

Fred Rothauge
UGWA Membership Chair
13027 CR 18
Fort Lupton, Colorado 80621

I look forward to seeing you in Moab or around the state.

Fred Rothauge — UGWA Membership Chair


WESTERN HYDRO



2406 South 3270 West
Salt Lake City, UT 84119
801-886-3434
800-421-4185
Fax: 801-886-3444
Cell: 801-918-4446

CASEY WEAVER
OUTSIDE SALES REPRESENTATIVE
cweaver@westernhydro.com
www.westernhydro.com



WATER ASSOCIATES ▲ LLC
435.649.4005
www.LoughlinWater.com


DELCO WESTERN

SQFLEX PUMPS
WATER. WHENEVER, WHATEVER.
THE ORIGINAL.
THE TECHNICAL.
THE FLEXIBLE.

PACO PUMPS

SQ A New Standard in Submersible Pumps



GRUNDFOS

For Any Situation

www.delcowestern.com
2559 South 1935 West, Salt Lake City, Utah 84119

Phone (801) 972-0900
Toll Free 1-800-543-4319



Garry Noyce

Nickerson Company, Inc.
2301 West Indiana Avenue • P.O. Box 25425
Salt Lake City, Utah 84125
www.nicopumps.com

801-973-8888 Ext. 233 Office
801-597-0139 Cell
801-973-8267 Fax
garry@nicopumps.com



Home of the top performing brands and the application experts.

Residential pumping products and accessories from Mitchell Lewis & Staver are designed to meet your home and domestic needs—from keeping basements dry to dealing with water quality problems. We carry the pump solutions that make your turf and irrigation projects a success.

We carry a full line of pumps, motors, controllers, and accessories for residential applications, and we have experts on staff to help you. Our technicians can even help you with testing water, diagnosing water treatment problems, and selecting the best solutions for your particular issue. For our ag & irrigation customers, we feature a product build center in Utah for all of your turbine and centrifugal pump projects.

Mitchell Lewis & Staver has been in continuous operation since 1882. and is a proud member of the UGWA.

SLC/Midvale Branch and inside sales staff : 801-561-5011
 Dave Edvalson (so. Utah) 801-803-9270
 Todd Housley (no. Utah) 801-793-8314



We cover the West: Alaska, Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

866-748-8077 mitchellelwis.com



(435) 259-7281

belcoequipment@gmail.com

Financing Available



2007 GEFCO 185K \$645K



1975 GD 2000 \$265K



2003 Taylor SS 5000 \$575K



1973 GD 14W \$118K



1987 Reichdrill C-700C \$78K



1993 Freightliner Water Truck \$34K



2004 Sullair 1150x350 XHP \$31K



Sullair 1250x350 A/C \$57K



4200 Gal/100 Bbl Mud Pit \$28K



2006 Triflo Mud System \$73K



GD 7 1/4" x 10" Pump \$43K



GD 5 1/2 x 8 Duplex \$33K

For More Information Visit
www.BelcoDrillingEquipment.com

TALES FROM THE FIELD

DOUG EVANS — MOUNTAIN REGIONAL

Mountain Regional Water District is a large government water supplier, which serves nearly 5,000 customers in the western region of Summit County, near Park City. The District covers roughly a 25 square mile territory and has an elevation gain of over 3,000 feet. Serving customers in this area can be a real trial, not only because of the energy challenges with servicing such a diverse geography, but also the difficulties finding groundwater at high elevations, and in a steep mountainous environment. All groundwater sources in this territory are based on deep bedrock aquifers, with many obstacles. And most of the District's 15 or so wells produce 200 gallons per minute or less.

In 2015, it became apparent that the District needed more well production. After extensive studies, involving our geotechnical consultant, Loughlin Water Associates of Park City, Utah - we deemed it prudent to develop again an aquifer that we knew had some serious production potential. This Bison Bluff well was proposed to be a 1,000 foot deep well, with a 700 foot deep completed depth, and fitted with 16-inch diameter steel louvered casing. After a bidding process involving several pre-qualified contractors, Boart Longyear Drilling Services was selected for their costs and expertise.

The District had many conditions that needed to be met to make this a viable and successful drilling project. First, the drilling was to be performed in a very upscale community of Promontory, near Park City, situated within a residential neighborhood. This would require critical noise control, as well as lighting and difficult access considerations. Secondly, the project needed to be completed in the winter, before the Christmas holiday season, when water demands were at a minimum, because another production well, which was located very close to this project, would be precluded from operation. This all meant that the project would need to be drilled around the clock and would also be under the microscope of the local HOA, and Summit County officials.

The Boart team met these challenges head on, and worked with the District on a community education plan, and even went door to door with District personnel as we handed out literature and educated the community, not only on the needs of the project, but how all of their concerns would be mitigated. Boart also utilized state of the art equipment in this project, to minimize drill time, and to lessen any impacts. First off, they used their electric drilling rig, which had an extremely large impact on noise. The entire site was also protected by sound walls, and lighting at night was minimized by using many small shop lights on the site instead of large construction flood lights. The site also abutted up against a very popular community walking trail. The area was also kept very safe, clean and neat.

The Boart team also prepared a detailed sound study at the beginning of their project which we shared with County personnel. The study itself was the most detailed and concise plan anyone had ever seen. The only complaint received was right at first because of a misdirected light, which was promptly corrected, leaving the entire remainder of the drilling project without a single complaint or concern. The completed well also tested at 1,500 gpm, which was above our expectations. In the end, the project actually came in UNDER budget, primarily because of the fact that any extras which could be needed in the drilling contract, to deal with problems or delays, were for the most part – completely eliminated!

(Continued on page 15)

TALES FROM THE FIELD (CONTINUED)

(Continued from page 14)

Mountain Regional management and staff could not say enough about the professionalism and technical expertise exhibited by the Boart Logyear team. The District was included in all phases of the drilling project, from initial safety planning to completion and cleanup. Of the many drilling projects I have been involved with over the years, none has turned out to be as successful and trouble free as this one.

Doug Evans—Mountain Regional Water Special Service District

doug@mtregional.org





Submersible Pump Check Valve VFD
Patented VFD Valves
America's first choice

HEAVY DUTY

Flomatic Deep Water
Well Check Valve
Deep Well™ Model 80DW VFD
Strong Carbon Steel Construction
With Stainless Steel Internals

- Small OD Body Dimension
- Low Friction Losses
- Optional threads NPT, 8 Round short or Long
- Heavy Duty Construction – supports heavy hanging load
- Rated to 4,400 PSI – Settings down to 3,300 feet
- Size range: 12 different sizes from 2 3/4" thru 9 5/8"
- Metal to Metal Seating

US Made 

NEW PRODUCT 

Model 80MDW-VFD













“Service Sets Us Apart”

Call us any time, 24 hours a day, seven days a week for all of your pipe, valve, and fitting requirements. We are your one stop source for blank or perforated casing, drive shoes, well screen and pump column.

Industrial Piping Products, Inc.

2440 South 3270 West Salt Lake City, Utah 84119

(801) 973-7111 Toll Free (800) 748-5150 Fax (801) 973-4791

Salt Lake City, UT 84123
 4215 S. 500 W
 801-268-4494
 Pumps Dept.
 Toll Free 800-888-4343
 Gaylen Farnsworth, Mang.
 801-327-0245
 Doug Johnson, Sales
 801-327-0246
 Fax: 801-268-4596



GROWING TOGETHER SINCE 1936
STEVE REGAN CO.

FOR ALL YOUR GROWING NEEDS
 Animal Health, Fencing, Seed, Fertilizer, Hardware,
 Agricultural Chemicals, Pumps and Sprayers

Over 200 years
 experience
 under one roof!

CALL US, YOU'LL
 BE GLAD YOU DID
 800.888.4343

Steve Regan is your distributor for FRANKLIN J-Class and FPS Pumps

WELL ACCESSORIES AVAILABLE:

Pressure Tanks
 Tank Tee Accessories
 Well Seals
 Hydrants
 Check Valves
 Float Switch
 Water Filters
 and much more....



*The Sign of Service. The
 Symbol of Quality.*

- Grouts•
- Drilling Fluids•
- Well Cleaning Chemicals•

Local Contact:

Ron Peterson (801) 230.3882
David Colburn (775) 385.0602

Baroid Industrial Drilling Products
 Product Service Line, Halliburton

P.O. Box 1675 Houston, TX 77251
 (877) 379.7412 or (281) 871.4613
www.baroididp.com

© 2014 Halliburton. All Rights Reserved

UGWA Scholarship Program

Instructions for Application

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

The Program is funded by donations from the Our Members and the Mountain States Ground Water Association. The fundraising auction held at the annual UGWA Conference & Expo is enthusiastically supported by our members & all proceeds benefit this program.

ELIGIBILITY:

- * **An** active UGWA member, their spouse, child or grandchild;
- * **And** the sponsoring UGWA member has been in good standing for a minimum of two (2) consecutive years prior to application;
- * **And** a student who is currently enrolled or planning to enroll within 6 months from award, in a full-time course of study at an accredited two or four year college, university or vocational-technical school;
- * **And** who is accepted by that institution during the year which the scholarship is given;
- * **And** have completed the Association's scholarship application with required supporting documentation;
- * **And** complete application is received by June 15 of each calendar year in which scholarships are awarded;
- * **And** have not previously received 4 scholarships from this fund.

HOW TO APPLY: You must submit all information in the format you feel will best show your achievements and accomplishments during your scholastic career. Scholarship selection will be based on the following information submitted for review:

Fully Completed UGWA Scholarship Application Cover Sheet;
Academic Record/Grade Transcripts from the most recent school year;
Minimum of 3 Current (6 months or less) Written Recommendations from Teachers, Advisers, etc.;
Application Essay which will include:
 Extracurricular Activities and Leadership Experience;
 Community Service
 Educational and Career Goals;
 Work Experience and History.

DEADLINE: All applications must be **RECEIVED no later than June 15, 2016**. Incomplete applications will not be considered. All submittals will be confidential. No UGWA members will be directly involved in the selection process.

SCHOLARSHIP AWARD: The scholarship award will be in the amount of \$2,000. The number of awards will be based upon the funds available in the Association's Scholarship Fund. Scholarship awards will be based on upon the merit of the applicant and the selection process will be made by an independent auditor such as the Salt Lake Community College, Office of Financial Aid. All awards will be made by check payable jointly to the student and the sponsoring member and must be endorsed by both. A maximum of 4 annual scholarships are available to any one applicant unless the applicant is obtaining an advanced degree or furthering their education in a related field to the association at which time they may receive a scholarship for an additional 2 years, not to exceed a maximum of 6 years total.

DEFERAL: In the that event community/civil service prevents an applicant from timely submitting an application for a current school year, consideration may be given for a future year's scholarship. The applicant must submit a request and explanation for deferred consideration, along with any supporting documentation, with their completed application. Deferral requests will be reviewed on a case by case basis by the current sitting UGWA Board.

SUBMIT COMPLETE APPLICATION TO:

Utah Ground Water Association
5577 Walden Glen Dr
Murray UT 84123-7942

NOTE: If selected, you will be asked to provide: applicant's date of birth, social security number and a 4x6 photograph prior to the receipt of funds.

UGWA Scholarship Application
Cover Sheet

ABOUT THE APPLICANT

NAME: _____
first middle last

ADDRESS: _____
street address

city state zip

EMAIL: _____

PHONE: () _____

ABOUT THE SPONSORING MEMBER

RELATION: _____
how is applicant related to member?

NAME: _____
first middle last

ADDRESS: _____
street address

city state zip

EMAIL: _____

PHONE: () _____

RENEW or JOIN ON-LINE at WWW.UTAHGROUNDWATER.ORG or
MAIL THIS COMPLETED APPLICATION WITH YOUR PAYMENT of \$60 to:
UGWA 5577 Walden Glen Dr, Murray UT 84123-7942

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

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

NAME _____

PROFESSIONAL DESIGNATIONS _____

COMPANY _____

MAILING ADDRESS _____

CITY/STATE/ZIP _____

PHONE (_____) _____ **EMAIL** _____

HOW DID YOU HEAR ABOUT US _____

Membership Types

- A. CONTRACTOR:** Any person doing business and licensed to drill, either water wells or ground water monitoring.
- B. PUMP INSTALLER:** Any person doing business and licensed to install ground-water pumping equipment.
- C. MANUFACTURER:** Any person engaged in the manufacturing of equipment, or materials used in the ground water industry.
- D. SUPPLIER:** Any person 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.
- F. ASSOCIATE:** Any person engaged in the support of the UGWA who does not accurately fit in any of the above.

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 \$60.00 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. **All memberships are annual and run July 1st thru June 30th. Memberships purchased mid-year will have the 2nd year pro-rated to bring them compliant with this format.**

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

BRONZE LEVEL SPONSOR (\$500): Your logo on the UGWA website, www.utahgroundwater.org with link to your website or email; One 1/8 page size/business card size ad in The Advocate, the UGWA's quarterly newsletter (\$120 value); Recognition at all UGWA events.

SILVER LEVEL SPONSOR (\$750): One UGWA membership (\$60 value); Your logo on the UGWA website, www.utahgroundwater.org with link to your website or email & reoccurring HOME page placement; One ¼ page size ad in The Advocate, the UGWA's quarterly newsletter (\$200 value); 10% discount on vendor registrations at all UGWA events; Recognition at all UGWA events.

GOLD LEVEL SPONSOR (\$900): One UGWA membership (\$60 value); Your logo on the UGWA website, www.utahgroundwater.org with link to your website or email, HOME & SPONSOR tab placements; One ½ page size ad in The Advocate, the UGWA's quarterly newsletter (\$300 value); 15% discount on vendor registrations at all UGWA events; Recognition at all UGWA events.

PLATINUM LEVEL SPONSOR (\$1,200): Two UGWA memberships (\$120 value); Your logo on the UGWA website, www.utahgroundwater.org with link to your website or email, Platinum all tabs placement; One full page size ad in The Advocate, the UGWA's quarterly newsletter (\$400 value); 25% discount on vendor registrations at all UGWA events; Recognition at all UGWA events.

For More Information Contact:

Colette Lynch at 801.541.7259, colette@utahgroundwater.org or www.utahgroundwater.org

2016 UGWA Board of Directors**PRESIDENT**

Richard Petersen CWD/CPI
Last Drop Drilling and Pump Services, LLC
lastdropdrilling@yahoo.com

PRESIDENT-ELECT

M. Kyle Widdison CWD/CPI
Widdison Turbine Services, LLC
widdisonturbine@gmail.com

PAST-PRESIDENT

Jason Lamb
Boart Longyear Services
jlamb@boartlongyear.com

TREASURER

Mike T. Anzalone CWD/CPI
Anzalone Pumps, Inc.
anzalonepumps@qwestoffice.net

MEMBERSHIP

Fred Rothauge CWD
Hydro Resources
frothauge@hydroresources.com

CONVENTIONS

Chris D. Mikell, P.G.
Bowen Collins & Associates, Inc.
cmikell@bowencollins.com

NEWSLETTER

Neil Burk, P.G.
Loughlin Water Associates, LLC
neil@loughlinwater.com

CONTRACTOR/PUMP INSTALLER REPRESENTATIVE

Dee Evans
Deeco Water Wells
deeco686@hotmail.com

John Zimmerman
Mike Zimmerman Well Service
john.zimm_cabledriller@yahoo.com

TECHNICAL REPRESENTATIVE

Mark Chandler, P.E.
CRS Engineers
mark.chandler@crsengineers.com

Ronald B. Peterson
Baroid IDP
ron.peterson@halliburton.com

MANUFACTURER/SUPPLIER REPRESENTATIVE

Shawn Nordhoff
Industrial Piping Products, Inc.
shawn@industrialpiping.net

Gaylen Farnsworth
Steve Regan Co.
gaylenfarnsworth@steveregan.com

EXECUTIVE DIRECTOR

Colette C Read CBA
Utah Ground Water Association
colette@utahgroundwater.org