

UTAH GROUND WATER ASSOCIATION

The Advocate SUMMER 2013 EDITION

LETTER FROM THE PRESIDENT

JASON LAMB — BOART LONGYEAR

Hello Everyone. I've run into several of you in the past few weeks or spoke with you over the phone and got to catch up with how the summer has been going. From what I am hearing, business has been pretty good. Sounds like everyone has been fairly busy and I can't say that I have heard any complaints. It appears rotary, pump, and engineering not only seem to be stable but some appear to be slightly swamped. As my Grandfather said, make hay while the sun is shining.

So, I wish all of you the best as we see the end of summer approaching and the heat starting to taper off... thankfully. We had several days' well over 100 degrees this year, about 5 in a row at 104 degrees. I don't have central air and my swamp cooler has really pulled its weight this year and then some. On those days of 104 she does all she can to maintain a balmy 75 inside. I am not complaining, especially when I hear of some of the monthly electric bills an AC unit can generate. That said I am enjoying these 80 and 90 degree days. It's perfect.

Speaking of cost I have had several discussions lately relating to expenses and how they transfer to the bottom line of our businesses. Fuel for example can be deceiving as to the price per gallon when purchasing bulk if all of the fees are not included in that price. Materials also have many more costs that will affect your bottom line if you are not considering them and just relying on the base cost per item. It is not unusual to be quoted a low price for an item but see a difference with add-in costs, ie; fuel surcharge, tax, freight, handling fees, tax, insurance, more tax, stocking fee, "I made a mistake on my last job and need you to pay for it fee", and some more tax. At the end of the day it does not matter, you need the part, service, or item, and all of these are part of the cost for that item or service and must be figured in as your total cost, not to mention your own related expenses within your overhead. If you are not considering all of these costs when preparing a bid or billing a client at cost plus, it will inevitably come off your bottom line.

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Now... try explaining all of that to your nine year old daughter who made \$2.75 with her lemonade stand but didn't account for the cost of the lemonade, ice, gas to the store, cups, business license, income tax, and labor for her seven year old helper (the sister who feels she is worth \$23 bucks an hour). I honestly didn't have the heart to discuss it and just said "that's wonderful, good job".

But it's the truth, and we are all faced with this daily. Even your household expenses are not immune to them. Take a look at your land line phone bill, Fed access charge, access recovery charge, extended area charge, Fed regulatory recovery charge, interstate services fee, another Federal regulatory recovery fee (no joke), charge due to change in rates (are you kidding me), federal excise tax, state sales tax, county sales tax, special services tax, internet cost recovery fee, state 911 fee, local 911 fee, Utah universal support fund, Federal Universal fund, and tell me what in the hell is "facility relocation cost recovery fee"? It is a joke, but it is here to stay and that is how the world has evolved. We just need to prepare for it, and compensate for it, when bidding or billing and make sure the costs are accounted for and passed through to the client. Hopefully in a much more ethical and straightforward way than the "change due to change in rates fee", that one really got to me.

Anyway, I wish you all sunny prosperous days through the end of the year. I forgot to mention, I had a great time in Moab this year and am looking forward to it again next year. There should be some pictures posted on the website, take a few moments and check them out. It was a blast.

Until we talk again,
Jason Lamb

DIVISION OF DRINKING WATER SEEKS COMMENTS

The Utah Division of Drinking Water is seeking informal comments on revising [R309-515 \(Source Development\)](#). This draft contains numerous major changes to the requirements for wells and springs used for public drinking water sources.

The Division is also proposing changes to [R309-511 \(Hydraulic Modeling Requirements\)](#) to clarify submission requirements of hydraulic modeling reports and professional engineer's certification.

The Division will present the proposed changes to the Drinking Water Board (DWB) on August 28th. If the Board authorizes staff to initiate the rule-making process, that will begin a 30-day formal public comment period.

For more information, see the state website at: <http://www.drinkingwater.utah.gov/>

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2013 MOAB PED AND SUMMER RETREAT

CHRIS MIKELL, BOWEN-COLLINS AND ASSOCIATES

The UGWA Moab Professional Education Day (PED) and Summer Retreat was held on Friday and Saturday, June 7-8. Continuing education classes were held on Friday and we had 20 drillers, 5 supplier representatives, and 3 groundwater consultants attending. The majority of the drillers were from southern Utah or Colorado. A total of 6 continuing educational units (CEU's) were offered including classes on Utah Well Driller rule changes, VFD programming, DOT regulations, well pump testing, hydrogeologic logging and well design, and drilling mud. Thank you to all the speakers who volunteered their time to present.



Friday night a picnic and barbeque was held in Moab Rotary Park. This was a great opportunity to meet and socialize with UGWA members, their spouses and families. It was a fun time to see Past Presidents Dave Worwood and Mike Zimmerman manning the grill, flipping burgers, and asking what can I get for you? There was an honored guest appearance by Dutch Zimmerman, UGWA lifetime member. There were some old UGWA Moab convention photos being shared around. Drillers in those photos were mostly much younger and thinner than this years attendees, and some even had mullet hairdo's!

Saturday we did a UGWA group raft trip on the Colorado with Red River Guides. We had 18 participants spread between 5 boats, with lots of UGWA spouses and kids along for the fun. The water was still high, and the weather was near perfect. Dam hot, but without any nasty upstream winds so we didn't need to paddle much. There was plenty of splashing, water fights, and swim time in the river to cool off. Several people got involuntarily dunked in the river by their raft mates, including Mike Anzalone who needed to cool off anyway from his date.



Photos of the Moab Retreat are available on the website (www.utahgroundwater.org). Check them out and see the amazing rat on the cat on the dog photo! UGWA really appreciates the sponsors and suppliers that supported the Moab PED. We especially want to thank Western Hydro Corp and Moab Bit and Tool. We all had a really great time and hope you can join us next year for the classes and fun.

Regards, Chris



Congratulations Scholars

Kyler Goddard *son of Jim Goddard*

McKinzie Lowry *granddaughter of Stephen Roberts*

Michael Nordhoff *son of Shawn Nordhoff*

Rustin Player *son of Mat Player*

Racheal Ritter *daughter of Layne Read*

Congratulations to these recipients of Utah Groundwater Association scholarships!

Thank you members for supporting our students.

Van King joins Loughlin Water Associates

Loughlin Water Associates is pleased to announce that Van F. King, PG, has joined their team. Van has over 25 years of hydrogeologic consulting experience in Utah and his most recent role as Manager of Water Resources for Kennecott Utah Copper-Rio Tinto included the responsibility of managing one of the largest private portfolios of water rights in Utah. Loughlin Water Associates is a full-service water resources firm located in Park City, Utah.



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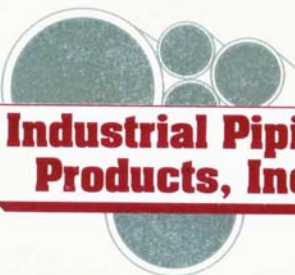
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From the Utah Geological Survey

The survey website presents a number of interesting articles including a series **Glad You Asked**. Read about Utah hot springs and get answers. You can read the full version of following article at:
<http://geology.utah.gov/surveynotes/gladasked/gladsprg.htm>

Do I have to travel all the way to Yellowstone, or can I see beautiful hot springs here in Utah? by Mark Milligan

No, over 100 hot springs adorn Utah. In fact, a wonderful hot spring, named Wasatch Warm Springs, is within walking distance of downtown Salt Lake City.

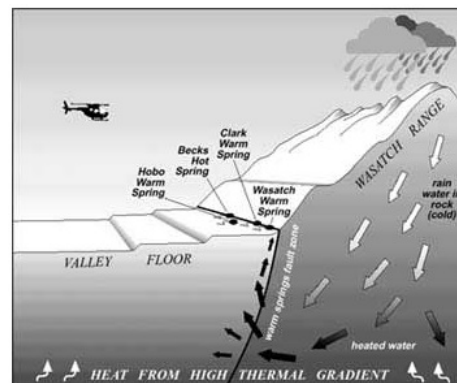
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How hot is the water and how deep does it circulate?

Water temperature of Wasatch Warm Springs fluctuates seasonally between 100 and 108 deg F. In part, the temperature depends upon how deep the water circulates and the rate at which the temperature of the earth's crust increases with depth (called thermal gradient).

Read more at the Geological Survey website.





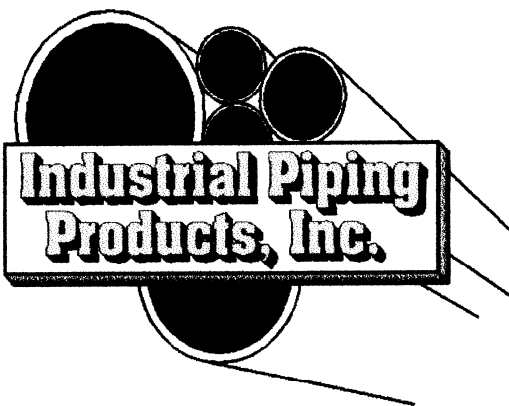
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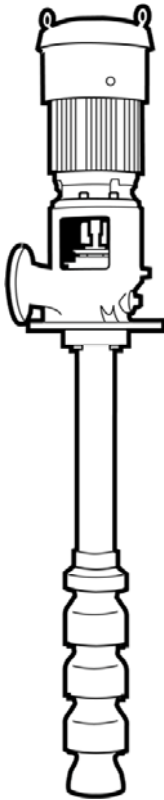
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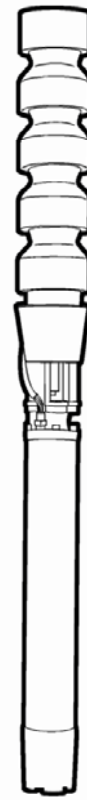
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- F. **ASSOCIATE:** Any person engaged in the support of the UGWA who does not accurately fit in any of the above.

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