THE DRILLSTEM
COLORADO WATER WELL CONTRACTORS ASSOCIATION

COLORADO WATER WELL CONTRACTORS ASSOCIATION

OFFICIAL PUBLICATION OF

CWWCA

SUMMER 2018
Vol. 37, No.3

PROGRAM
CWWCA MID-YEAR CONFERENCE
JULY 13–14, 2018
BEAVER RUN RESORT
BRECKENRIDGE, CO

HOTEL RESERVATION INFORMATION - 800-525-2253 – FREE PARKING & WI-FI
ROOM BLOCK RATES START AT $129 + TAX
DEADLINE FOR ROOM BLOCK RATE – JUNE 12, 2018

NEW PROGRAM: 5 HOURS OF CE ON 7/13/2018 AND 3 HOURS OF CE ON 7/14/2018

Friday, July 13, 2018
AM 8:00 10:00 Supplier/Exhibitor Set-Up
8:45 9:00 CWWCA Board of Directors Working Session – Copper Top III
9:00 Registration Begins
9:00 10:00 Technical Working Group - Copper Top III
10:00 Exhibits Open
10:30 Supplier Introductions
10:30 11:30 “Financial Best Practices for Water Well Businesses” - *1 hr
Darren Mathis - Headwaters
11:45 12:30 SUPPLIER SPONSORED LUNCH – Copper Top III
PM 12:30 1:30 Meet with Suppliers at Table Top Exhibits - *1 hr
Enter Drawings for Supplier Giveaways
1:30 2:20 “Contracts in the Water Well Context” - *1 hr
Alyson Meyer-Gould – Holsinger Law
2:30 3:00 SUPPLIER SPONSORED COFFEE & COOKIE BREAK
3:00 3:30 Supplier’s Meeting – Copper Top III
3:00 3:50 “DWR Update” - *1 hr
Kevin Donegan - DWR
4:00 4:10 Supplier Giveaways - Announcement of Winners
4:10 5:00 “Jeopardy” - *1 hr
Thom Hanna – Johnson Screens
5:00 8:00 SUPPLIER SPONSORED HAPPY HOUR & DINNER BUFFET – Imperial Ballroom

Saturday, July 14, 2018
AM 7:00 8:00 SUPPLIER SPONSORED BREAKFAST BUFFET – Imperial Ballroom
7:00 8:00 Supplier/Exhibitor Tear-Down
8:00 8:50 “Post Well Water Treatment” - *1 hr
Jeff O’Callaghan – Water-Right
9:00 9:50 Membership Meeting
10:00 10:50 “Well Rehabilitation & Preventative Maintenance–
Diagnosing Problems & Selecting Proper Chemical Solutions” - *1 hr
Jerry Hatley – Cotey Chemical
11:00 11:50 “DOT” - *1 hr
Ryan Byers, Front Range Compliance
PM 12:15 2:30 CWWCA Board Meeting/Working Lunch – Peak 14
ADVERTISING INFORMATION

DRILLSTEM ADVERTISING
Advertising rates for the DRILLSTEM, A quarterly publication of CWWCA
Deadlines for content: February 1st, May 1st, August 1st, November 1st
(Published March, June, September, and December)
Classified ads are $1.00 per 3.5-inch line.

<table>
<thead>
<tr>
<th>Number of Issues</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Savings</td>
<td>0%</td>
<td>5%</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>Full Page 7&quot;x10&quot;</td>
<td>$250</td>
<td>$450</td>
<td>$675</td>
<td>$850</td>
</tr>
<tr>
<td>Half Page 7&quot;x5&quot; or 3.5&quot;x10&quot;</td>
<td>$150</td>
<td>$285</td>
<td>$405</td>
<td>$510</td>
</tr>
<tr>
<td>Quarter Page 3.5&quot;x5&quot; or 7&quot;x2.5&quot;</td>
<td>$90</td>
<td>$172</td>
<td>$243</td>
<td>$306</td>
</tr>
<tr>
<td>Business card 3.5&quot;x2&quot;</td>
<td>$50</td>
<td>$95</td>
<td>$135</td>
<td>$170</td>
</tr>
</tbody>
</table>

Help wanted ads will not be published.
Seeking employment ads will be published.

COPIES MUST BE CAMERA READY OR TRANSMITTED ELECTRONICALLY (.doc,.pdf, or .jpg format)
Please be sure to include all borders in the given dimensions (width x height) at 600dpi.
Avoid using colors in the ads since the DRILLSTEM is printed in black and white.
For full formatting requirements, please visit our website at CWWCA.org.

SEND PAYMENT TO:
CWWCA
P.O. Box 100919
Denver, CO 80250
Phone: 720-244-8024
Fax: 720-208-0620
PLEASE EMAIL CONTENT AND ADS TO:
E-mail: execdir@cwwca.org
Credit card payments taken by phone.

WEBSITE ADVERTISING
BANNER ADVERTISING
There is a banner advertisement on every page of the website. The advertisements rotate sequentially, so every ad will have equal display time. If the demand for banner advertisements warrants it, additional banners will be incorporated into the site.

One-Year Banner Advertisement: $100.00
If the advertiser is a CWWCA member, this fee also includes a free upgrade of your member directory listing. Banner ads should be 285 pixels wide x 96 pixels high, .jpg format and in landscape orientation.

MEMBER DIRECTORY UPGRADE
CWWCA members may choose to upgrade their listing in the searchable member’s directory.
Upgrading allows your listing to be displayed at the top of searches and sorts. It allows your listing to link to your website. And upgrading allows you to display your logo or picture of your choice with your listing.

One-Year of Directory Upgrade: $50.00
Pictures for the listing should be submitted in .jpg format and should be 225 pixels wide, by 150 pixels high.

WEBSITES
Colorado Water Well Contractors Association
www.cwwca.org

American Ground Water Trust
www.AGWT.org; privatewell.com

Board of Examiners
www.water.state.co.us/boe

Colorado Ground Water Association
www.cgwa.co

National Ground Water Association
www.ngwa.org

World Wide Drilling Resource
www.worldwidedrillingresource.com

CWWCA CONTACTS
Executive Director
Karie Walker
P.O. Box 100939
Denver, CO 80250
Phone: 720-244-8024
Fax: 720-208-0620
E-mail: execdir@cwwca.org

CWWCA Lobbyist
Richard G. Brown
Mobile: 303-601-9254
Phone: 303-695-6388
E-mail: dickscuba@gmail.com

CWWCA CALENDAR OF EVENTS

July 13-14, 2018  CWWCA Mid-Year Conference  Beaver Run Resort - Breckenridge
July 13, 2018    CWWCA TWG Meeting  Beaver Run Resort - Breckenridge
July 14, 2018    CWWCA Board of Directors Meeting  Beaver Run Resort - Breckenridge
August 6, 2018   Board of Examiners Meeting  1313 Sherman St. Room 814, Denver
October 5, 2018  CWWCA Board of Directors Meeting  Chase Bank Building - Englewood
November 5, 2018 Board of Examiners Meeting  1313 Sherman St. Room 814, Denver
January 9-11, 2019 CWWCA Annual Conference  Denver Marriott Tech Center - Denver
2nd Quarter President’s Report

Warmer weather and greener surroundings are in full motion and summer is well on its way. I encourage everyone to attend the Mid-Year conference July 13-14th in Breckenridge, Colorado. We’re all busy during the summer months, whether it be work or at home, but the time spent at the Mid-Year is well worth it and I hope to see everyone there. Bring the family, relax and enjoy everything the Breckenridge area has to offer.

In the news this quarter, the CWWCA Scholarship Committee has completed their reviews of applicants and has awarded a total of 12 scholarships to this year’s recipients! Congratulations to all the recipients and best of luck in the 2018-2019 academic year. A huge thank you to everyone who has made contributions towards our scholarship fund and makes these scholarships possible.

As trade contractors, everyday our experience and knowledge can be tested and the opportunity to learn and the enrichment of our skills is never-ending. It’s these everyday opportunities that can lead to great challenges but can also be the most rewarding.

I recently had an installation of a dual-voltage 9-lead vertical hollow shaft motor challenge me. The installation was complete, and the site was one for the photo books, everything glimmered and looked great. There was one issue – it didn’t work when I flipped the switch! It’s at that moment when your experience and expertise is tested to the very core. I started back at step 1 and covered all my bases again and again. At the limits of troubleshooting onsite, I pulled the motor, so we could get it on a test bench and further diagnose. Attempting to start the motor on the test bench yielded the same unfavorable results and it was clear something wasn’t right with the motor. It was then that the manufacturer relayed to me their submittals on this motor and a serious discrepancy was found. The wiring diagram in the submittals did not match the wiring diagram plate on the motor. Could it be that the factory had inadvertently placed the incorrect wiring diagram plate on the motor during assembly? There was only one way to find out. We wired the leads according to the diagram in the submittal and sure enough, the motor started and ran just like it should! How could a simple metallic plate the size of a couple postage stamps riveted to the side of the motor cause so much confusion and unclarity?

It happens, and we must always keep that in mind. On a shelf by my desk is a bronze check valve that I keep as a reminder of this very lesson. It looks like any typical threaded check valve you’d install during a pump installation, with one exception. On this check valve, the flow direction arrow does not match the actual flow direction operation of the valve. Fortunately, this was caught before the valve was ever installed, but it serves as a stark reminder to be humble and vigilant.

It is my experience that in both drilling and pump systems, you can never rule out encountering the unknown. Like most of us, I have personally witnessed the expression of “There’s a first time for everything” in both trades.

It’s no surprise that the drilling trade is full of the unseen’s - the only way to physically see what is beneath the ground we stand on is to drill a hole. Even when we have studied and planned for what to expect, the unforeseen variables can always rear their heads and have us second guessing our plans. Whether it be a fault or some unexplained geologic change, we’re left re-evaluating ourselves – Is there an issue with my bit? Is my drilling fluid doing what I want it to be doing? Are my drilling parameters (weight, torque, rpm) still applicable or do they need to be modified?

In a pump system there are so many variables to influence the proper operation of the system. It’s not until we get to the site do we get the full picture of the system, all its components and how they interact in the operation of the system. Identifying an issue with a pump system without physically being onsite to get the full picture has about the same success rate as matching the lotto numbers! The fact of the matter is there are simply too many variables (mechanical, mother nature, owner/operator) to have “cookie cutter” diagnostics. Of course, there are some common re-occurrences and/or culprits, but for every one of those predicted situations, there’s multiple others that will test your knowledge and your patience.

Just remember, experience is what you get when you don’t get what you want. See you in Breckenridge!

2018 CWWCA President

Brad Himes
Providing solutions for
Professional Water Well Contractors in Colorado

- PUMPS
- MOTORS
- CONTROLS
- WELL DRILLING SUPPLIES
- WELL CASING
- TANKS
- FILTRATION
- PIPE, VALVES & FITTINGS
- ELECTRICAL WIRE
- ELECTRICAL ACCESSORIES
- MISC ACCESSORIES

11 LOCATIONS THROUGHOUT COLORADO
Arvada | Aurora | Boulder | Centennial | Colorado Springs | Englewood | Fort Collins | Glenwood Springs
Lakewood | Longmont | Westminster

303-394-6040 / 800-289-2777 www(cpsdistributors.com

SCAN THE QR CODE TO
SUBSCRIBE TO OUR E-NEWSLETTER
REGISTRATION FORM
2018 CWWCA MID-YEAR CONFERENCE
BEAVER RUN RESORT
BRECKENRIDGE, CO

Please mail this registration form to:
CWWCA
P.O. Box 100939, Denver, CO 80250
Phone: 720-244-8024  Fax: 720-208-0620  Email: execdir@cwwca.org

**Please Type or Print**

**PLEASE LIST NAMES FOR NAME BADGES**

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Registrant I</th>
<th>Registrant II</th>
<th>Registrant III</th>
<th>Registrant IV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mailing Address

Phone __________________ Fax __________________ Email __________________

FULL Conference Registration Fee INCLUDES Admission to all Courses,
Friday Lunch, Friday Dinner & Saturday Breakfast

Instead of drink tickets this year, we will host supplier sponsored keg beer and we will also have a cash bar.

<table>
<thead>
<tr>
<th>Payment received</th>
<th>By June 28</th>
<th>After June 28</th>
<th>Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWWCA Member Fee</td>
<td>$196</td>
<td>$216</td>
<td>____</td>
<td>$____</td>
</tr>
<tr>
<td>Employee Member/Spouse</td>
<td>$184</td>
<td>$204</td>
<td>____</td>
<td>$____</td>
</tr>
<tr>
<td>Non-Member</td>
<td>$263</td>
<td>$283</td>
<td>____</td>
<td>$____</td>
</tr>
</tbody>
</table>

TOTAL ______ $____________

**ADDITIONAL" GUEST TICKETS FOR PEOPLE NOT REGISTERED FOR THE FULL CONFERENCE**

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday Lunch Only</td>
<td>____</td>
<td>$____</td>
</tr>
<tr>
<td>Children Under 13 Lunch Only</td>
<td>____</td>
<td>$____</td>
</tr>
<tr>
<td>Friday Dinner Only</td>
<td>____</td>
<td>$____</td>
</tr>
<tr>
<td>Children Under 13 Dinner Only</td>
<td>____</td>
<td>$____</td>
</tr>
<tr>
<td>Saturday Breakfast Only</td>
<td>____</td>
<td>$____</td>
</tr>
</tbody>
</table>

TOTAL $______

**PLEASE NOTE, THERE IS A $7.00 CREDIT/DEBIT CARD CONVENIENCE FEE**

$______ (Add $7.00 for credit/debit card payment)

TOTAL $______

Method of Payment: Check Number ______________

Credit Card:  ____ Visa  ____ Master Card  ____ Discover  ____ AX

Credit Card #_____________________________ Exp. Date_____________ CCV#_________

Billing Zip Code__________________________

Signature__________________________________________________________________________

Please return your remittance and completed registration form to:
CWWCA, P.O. Box 100939, Denver, CO 80250
Phone: 720-244-8024  Fax: 720-208-0620  Email: execdir@cwwca.org

Cancellation Policy: Full registration fees will be refunded prior to June 28, 2018. A $50 fee will be charged for cancellations submitted between June 28, 2018 - July 5, 2018. No fees will be refunded after July 5, 2018. All cancellation requests must be submitted in writing to the CWWCA office. If you have a disability and may require special accommodations, please notify us in writing at least (2) weeks prior to the conference.
CWWCA MID-YEAR CONFERENCE
SUPPLIER REGISTRATION FORM

JULY 13-14, 2018

BEAVER RUN RESORT
620 VILLAGE ROAD
BRECKENRIDGE, CO 80424

NEW CWWCA ADDRESS!!!!
P.O. BOX 100939  DENVER, CO 80250
PHONE: 720-244-8024  FAX: 720-208-0620  EMAIL: execdir@cwwca.org

SIGN UP NOW TO SECURE YOUR TABLE TOP SPOT!

SELECT AND SPONSOR ONE OR MORE OF THE FOLLOWING:

1. Sponsor Friday Evening Keg of Imported/Craft Beer  $625.00 Value
   (No drink tickets this year. We will host supplier sponsored keg beer and there will also be a cash bar for all other drinks.)
   YES - $____________________ (Minimum contribution $50.00)

2. Sponsor Friday Evening Social Dinner Buffet
   (No drink tickets this year. We will host supplier sponsored keg beer and there will also be a cash bar for all other drinks.)
   YES - $____________________ (Minimum contribution $100.00)
   INCLUDES 1 DINNER BUFFET

3. Sponsor Friday Afternoon Break during Meetings
   YES - $____________________ (Minimum contribution $50.00)

4. Sponsor Friday Lunch
   YES - $____________________ (Minimum contribution $80.00)
   INCLUDES 1 FRIDAY LUNCH

5. Sponsor Saturday Morning Breakfast
   YES - $____________________ (Minimum contribution $50.00)

TABLE TOP SPONSOR
** Display products and/or sales collateral on small table top displays in the classroom during class sessions Friday.

Attendees will meet with you at your table to enter drawings for supplier giveaways. You can opt in or out of this. We will supply vessels for attendee names if you wish to participate!

YES - ______ $100.00 per Table Top
CWWCA MID-YEAR CONFERENCE
SUPPLIER REGISTRATION FORM

COMPANY NAME AND THE NAME OF THE CONFERENCE ATTENDEE
_________________________________________________________________________

CONFERENCE ATTENDEE EMAIL AND PHONE NUMBER
_________________________________________________________________________

ADDITIONAL EMPLOYEES AND/OR GUESTS ATTENDING
_________________________________________________________________________

A LA CARTE MEAL PRICES

FRIDAY LUNCH $30.00 x _____ = $ ______
CHILD UNDER 13 FRIDAY LUNCH $15.00 x ____ = $ ______
FRIDAY DINNER $50.00 x ______ = $ ______
(No drink tickets this year. Supplier sponsored keg beer and cash bar instead.)
CHILD UNDER 13 FRIDAY DINNER $15.00 x ____ = $______
SATURDAY BREAKFAST $35.00 x _____ = $ ______

TOTAL SPONSORSHIPS: $_________
TOTAL MEALS: $_________

PLEASE NOTE, THERE IS A $7.00 CONVENIENCE FEE FOR CREDIT/DEBIT CARD PAYMENTS
$7.00 CREDIT/DEBIT CARD FEE $_________

TOTAL: $_________

Please send this confirmation and payments to:
CWWCA
P.O. BOX 100939
DENVER, CO 80250
PHONE: 720-244-8024 FAX: 720-208-0620 EMAIL: execdir@cwwca.org

THANK YOU FOR YOUR SUPPORT OF CWWCA!
CWWCA SUPPLIER DIRECTORS
Tom Harder
Western Hydro
5610 Parachute Circle
Colorado Springs, CO 80916
Phone: 303-589-8274

Mike Pacheco
Mitchell, Lewis & Staver
4900 Osage Street, Suite 700
Denver, CO 80221
Phone: 303-217-8722

Check #___________
NAME ON CREDIT CARD________________________________________
Visa-MC-Discover-Amex #________________________________________
Expiration Date _____ CCV# _____ Billing Zip Code ________ Signature _______________
GUTS AND GLORY
WaterPRO Championship

Compete for your chance to win
$10,000 and a trip
to NGWA’s 2018 Groundwater Week

Think you have what it takes
to be the Grundfos WaterPRO Champion?

Show us your skills with the Grundfos SP Submersible. If you are one of our top 12 competitors nationwide, we’ll send you to NGWA’s 2018 Groundwater Week to compete in the finals for $10,000 and the WaterPRO Champion title.

Stop by the Grundfos booth at your local qualify event to compete in the challenge!

Find an event near you:
grundfos.us/WaterPROChampionship

GRUNDFOS
BEAVER RUN ROOM RESERVATIONS FOR MID-YEAR 2018

Conference dates JULY 13-14, 2018

Attendees can call in their reservations at any time to #800-525-2253 and will need to reference CWWCA.

Room block release date is June 12, 2018. We will still honor reservations after the cut-off date at the group rates, however, room inventory may be limited.

PLEASE MAKE YOUR RESERVATIONS EARLY TO ENSURE YOU GET A ROOM DURING A VERY BUSY TIME FOR BEAVER RUN

Room Rates:

<table>
<thead>
<tr>
<th>Room</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotel Room</td>
<td>129.00</td>
</tr>
<tr>
<td>Studio</td>
<td>135.00</td>
</tr>
<tr>
<td>Breckenridge Studio</td>
<td>155.00</td>
</tr>
<tr>
<td>Colorado Suite</td>
<td>155.00</td>
</tr>
<tr>
<td>One Bedroom Suite</td>
<td>165.00</td>
</tr>
<tr>
<td>Summit Suite</td>
<td>165.00</td>
</tr>
<tr>
<td>One Bedroom Suite - Building 4</td>
<td>169.00</td>
</tr>
<tr>
<td>Two Bedroom Suite</td>
<td>219.00</td>
</tr>
<tr>
<td>Two Bedroom Suite - Building 4</td>
<td>229.00</td>
</tr>
<tr>
<td>Corporate Suite</td>
<td>299.00</td>
</tr>
</tbody>
</table>

Room rates do not include 18.45% Tax and Resort Fee.
There is no charge for parking for guests staying at the resort.
Wireless internet access is complimentary in all guestrooms and resort common areas.
DRILLER AND/OR PUMP INSTALLER APPRENTICESHIP PROGRAM

The Colorado Water Well Contractors Association Apprenticeship Program is a voluntary program for CWWCA members, developed to assist individuals that would like to obtain a water well driller license and/or a pump installation license in the state of Colorado. Records will be kept by the CWWCA and available to the applicant to provide proof of experience to the Board of Examiners (BOE) during the license application process.

By the end of each year of apprenticeship the apprentice must attain two continuing education hours. At the end of the apprenticeship, the apprentice must comply with the existing rules for continuing education as set forth in the BOE Rules 2 CCR 402-14 concerning continuing education to obtain a driller’s and/or pump installer’s license. A Continuing Education Form (similar to the one provided to the licensed contractors by the State during the renewal process each year) will be provided to the apprentice at the end of each calendar year so the CE’s earned can be documented.

For full information on this and other CWWCA educational opportunities, go to cwwca.org and look under education.
Evangeline Stokes

I am working on my final year of class at Tarleton State University and plan to graduate May of 2019 with my Bachelor’s in Accounting Management. I have been able to secure a recommendation from an accounting professor for a summer internship at a local firm to gain the necessary experience in my field. Maintaining a 4.0 GPA throughout my college career has required a lot of planning, hard work and consistency. I was recently inducted into the International Honor Society for Business Administrators and will also be inducted into the National Society of Leadership and Success. Being a part of these organizations, participating in on-campus, program specific activities and getting this summer internship will give me the necessary experience and network connections for a successful career in accounting. It will also help me further my education as I make plans to obtain my Master’s degree in Business Administration.

The Buck Lively Scholarship, the support of my family and some really great professors and professionals has made this future possible. I don’t take that support for granted and will work hard to fulfill my obligations and vision for myself and my employer.

Ethan Beeman

I am currently a senior at Clyde High School and will be graduating this May. Looking at the career options for my future was a big task when I had just started high school and we were made to write an essay on what we wanted to be when we graduated. Barely a freshman in high school, without any real idea of what opportunities were out there, it was a daunting task to think about such an adult decision. I diligently undertook the task of trying all kinds of classes in science, IT, agriculture, culinary, trades and law. By sophomore year I had made up my mind that law is the field I wish to study. The Chief of Police for the City of Clyde nominated me for a spot on the Forensic Science and Criminal Academy team this past summer. I traveled to Washington D.C. and for a week studied and had sessions taught by top forensic scientists with the FBI, district and court of appeals justices, and so many law and leadership professionals.

This experience only solidified my decision to follow this path for a degree in criminal law/justice. I will start my experience at Cisco College and intend to transfer to Tarleton State University to complete my degree at one of the best criminal law programs in the state.

Tucker Berry

It brings me great joy to submit this application while sharing my current educational and career goals. In the past, I shared the goal of expanding my expertise by continuing my education within graduate school. As of this month, I can proudly state that such a goal is now a reality. This fall I will enter the Master’s of International Affairs program at the Bush School of Government and Public Service at Texas A&M University. The Bush School has a blended faculty of both academics and practitioners who have served within critical diplomatic, security, and military positions. With such a focus on developing practitioners, I will not be trained to be an academic. Instead, I will be trained to exploit my subject matter expertise and provide decision advantage to U.S. policy makers. Such training and future practice is emphasized as it supports the security of the nation. Within this program I will enter the National Security and Diplomacy track with a concentration in the Middle East. Though I am an advanced speaker of Arabic, I am eager to use the summer between year one and two of the program to expand my language skills closer to the superior level.

This program serves as preparation for my intended career goals. My continued interest is developing expertise on the topic of Salafi Jihadi terrorism, as manifested in organizations such as al-Qa’ida or ISIS. With such expertise, I will be best prepared to conduct critical research, analysis, and produce judgments on such terrorist threats for our nation’s decision makers. It is my hope that by providing greater insight to those who direct our nation, they will be best prepared to craft policy to counter such a threat.

I must conclude on the topic of water, a topic uppermost in the minds the CWWCA. Per the United Nations, 50% of the world’s population will experience water shortages by 2035. Water is a topic unquestionably interconnected to security. Therefore, it is my hope that my continued connection with CWWCA can provide me greater knowledge on topics connected to the access, security, and future of water. Such knowledge will further my pursuit of expertise and applying that knowledge to serve a greater purpose.

Christopher Harding

I was given a high sense of honor to be the recipient of this particular scholarship last year. I am currently a second semester sophomore continuing to pursue my degree in agricultural business at Chadron State College. My life plan of returning to Yuma after college to pursue a career in production agriculture as well as my family’s center pivot and pump business is still in full effect and has not changed. I will continue to push myself to receive a higher education as well as not losing sight of the goals I want to obtain.

By receiving this scholarship, I am able to continue to pursue this dream of a higher education with the benefit of not accumulating as much debt as many people do today. With the amount of money earned through work and through scholarships I have been able to get through my first two years with no student loans. Having no student debt should help me get a head start heading into the business world.

I would like to thank you again for the scholarship last school year. It would once again be an honor to receive the CWWCA scholarship for the 2018/2019 school year.

(Continued on page 13)
Your #1 Source for Goulds & Pentair in Colorado!

Residential pumping products and accessories from Mitchell Lewis & Staver are designed to meet your home and domestic needs—from providing water to your home and 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 will feature a product build center in Denver for all of your turbine and centrifugal pump projects.

Mitchell Lewis & Staver has been in continuous operation since 1882.

Denver Branch and inside sales staff: 888-232-2211

Mitchell, Lewis & Staver
4900 Osage Street, #700
Denver, CO 80221

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

866-748-8077 mitchellewis.com
**Buck Lively Scholarship Recipients (continued)**

(Continued from page 11)

**Reagan Hooper**

I grew up in a rural North Carolina mountain town, where according to the US Census Bureau, only 14 percent of the population receives a Bachelor’s Degree and 4.9 percent of the population has a Master’s Degree. My undergraduate college county had the greatest wealth disparity in the state of North Carolina. Given the odds in my hometown and college community, I am fortunate to have had life changing opportunities for growth, empowerment and education thanks to the generosity of those who have invested in me. In December of 2017, I graduated with my Bachelor’s of Science from Appalachian State University and will pursue a Master’s of Public Service and Administration with a focus in Public Policy at the Bush School of Government at Texas A &M University in the fall of 2018.

**Arel Peckler**

In the spring of 2017, I graduated summa cum laude at age nineteen with a BFA in Fine Art from the Corcoran School of the Arts and Design at George Washington University. Since graduation, I have continued to pursue drawing and printmaking as the cornerstones of my career as a fine artist. This February, I was accepted into the Tamarind Institute of Lithography within the University of New Mexico, a premier fine art lithography studio and program, for this coming fall. The Tamarind Institute’s nine-month Professional Printer Training Program is an important step towards my application to graduate school, and will advance my career. Tamarind is a touchstone of excellence, where students of lithography challenge themselves, develop a mutual responsibility towards assisting each other’s learning and, through this shared experience, carry on a legacy of printmakers who strive to elevate, progress, and share the medium of lithography.

My goal of studying at the Tamarind Institute, which I have held from my first visit to the school in the summer of 2016, originates from my resolve to advance my printmaking knowledge, skills, and practice to the zenith of my ability. I have a deep desire to learn and improve, and I seek to apply the education provided by the Professional Printer Training Program to both my own artistic practice, and to my larger goal of working within a professional printmaking studio, sharing and implementing my technical ability and passion for the medium with other artists and printmakers. With the training provided by my studies at the Tamarind Institute, I will become a stronger candidate for a Masters of Fine Art program. Ultimately, I will apply my artistic education and formal printmaking training to both my own artistic practice, and to collaborating with other emerging artists to produce and publish original prints.

Being admitted to the Tamarind Institute is a goal I have been working towards throughout my undergraduate studies. The financial assistance provided by the Buck Lively Scholarship would contribute to my ability to attend the Tamarind Institute, and would help allow me to take my place in an environment that expects, and gives rise to, each student’s potential for excellence. Thank you.

**Laura Temple**

I am a student at the University of Colorado Boulder studying Speech, Language and Hearing Sciences. I am coming up on my last year at CU and plan to finish up my degree as well as all of the prerequisites for medical school. Apart from schoolwork, in the past year, I have completed two internships. I worked alongside a speech pathologist learning how to better help a woman who has aphasia as a result of a stroke that she had a few years ago. I continue to visit this woman once a week to help her with rehabilitation strategies. I also worked for a non-profit organization called Starfish which gives girls in Guatemala the opportunity to get an education and realize their full potential. I worked in their Denver office doing data input and fundraising for the organization. Currently I am working for a professor on campus as a research assistant, running trials and analyzing data for a project on spatial numerical processing. I will continue working for her through the summer and into next year on the same project. I am planning on taking the next year to think about what I want to ultimately do whether its apply to medical school or applying to graduate school for audiology. I am looking forward to further exploring what I want to do with my future through different internship and job opportunities in the upcoming year.

**Sarah Temple**

As I am preparing to graduate from the University of Colorado at Boulder, I have accumulated significant knowledge related to the field of Neuroscience that will carry me into my job starting upon my graduation. I will graduate in December with a degree in Neuroscience and will have completed all of the pre-health prerequisites to prepare for a potential future career in the medical field. I have also completed a certificate in applied business at CU’s Leeds School of Business, consisting of coursework in finance, accounting, marketing, corporate social responsibility, excel, management, operations, and strategy. I feel that some background in business will assist me in maneuvering the job market going forward. Since July, I have been a Neurology intern at Children’s Hospital Colorado working closely with clinical research coordinators to analyze and record clinical-trial related data. I have been working 15 hours a week there since July, working mostly on data analysis and preliminary tests on patients in the clinic. Through the internship, I have been receiving course credit toward my Neuroscience degree at CU. In a few weeks I will begin a paid research assistant position at the hospital, given more responsibilities than what my intern position entails. I will be working as a research assistant in the neurology department for a minimum of 20 hours per week until I graduate. Upon graduation, I will begin as a clinical research coordinator at Children’s Hospital. I am extremely excited to work full-time at the hospital because the work requires a background in neuroscience, which has been provided to me by my education at CU Boulder. I feel that this job will be a perfect way to transition from my college career into the workforce due to the fact that I will still be learning on a day-to-day basis. I am also planning on taking the MCAT after I graduate to potentially apply to medical school.

(Continued on page 15)
Western Hydro offers complete custom fabrication of centrifugal, submersible and line-shaft turbine pumps!

Contact our specialized team for details.

Turbine Team: 866.446.9898 | turbine@westernhydro.com

WE STOCK:
- Fittings
- Meters
- Valves
- Switches
- Pump Cable
- Casing, Pipe and Fittings
- Drilling Fluids and Expendables
- Monitoring Supplies
- Water Conditioning Equipment

GO GREEN WITH SOLAR
Western Hydro carries complete pumping systems for agriculture, residential and commercial applications.

A Headwater Company

COLORADO SPRINGS, CO | 719.572.5251 | www.westernhydro.com | @WesternHydroCorp
Shannon Temple

I have made tremendous progress in the last year in figuring out what I want to do with the rest of my life at the University of Colorado at Boulder. I have changed my major from Integrative Physiology to a double major in Psychology and Sociology. I felt this change necessary from last semester because my grades reflected the fact that I had little interest in some of the subjects, which made them more difficult to complete. With my double major I intend to pursue a career in Forensic Psychology, thus connecting my interest for science and for the criminal system. This summer I am taking a behavioral genetics course and a required upper division writing class. I also plan to get an internship this summer somewhere in and around Boulder so it doesn’t conflict with my schedule.

Chereen Zahner

My long term career goals are to collectively improve our environment by building creative surroundings to help people live a healthy and happy life. For this reason, I have chosen to complete a Bachelor of Science degree at Colorado State University with a double major in Civil Engineering and Mathematics. There are many things in my life that motivated me to choose the path that I would like to take in the future as a Civil Engineer and a Mathematician.

Civil Engineers find innovative ways to solve the world’s many different problems. I would like to learn more about how to use the Earth’s resources to build within our environment. At this time, I am still deciding what may be the best area of concentration under the Civil Engineering major. My current interests are in environmental, structural, and transportation.

In addition, I have declared a second major in Mathematics because it is important to understand how a company operates as a whole. Economics, accounting, finance, and administration all must be considered when completing these sometimes very large projects. Mathematics is something that I have excelled in at college. I really enjoy managing budgets, problem solving, and data analysis.

Serving on the Engineering College Council as an Engineers Without Borders Representative has been a truly rewarding experience. I was elected into this Officer position by the members in the Engineers Without Borders organization at Colorado State University. I have done many presentations for the Engineering College Council, including the annual budget. Furthermore, I was responsible for preparing a budget, soliciting donations for the silent auction, and delivering a speech at the No Borders Night annual fund raising event. Also, I was responsible for creating a booth design, budget, and managing a staff of volunteers to run the booth during the Engineering Days Festival.

Also, I continue working with the Engineers Without Borders International Design Team that is working on a water project in La Criba, El Salvador. We continue our work on a project with Engineers that are on site to help design the pipes from rivers, design the main water pump, and design the sanitation system as a whole for the people in this city. This club at Colorado State University has given me an incredibly rewarding opportunity to creatively help all the people in this city drink and have access to clean water after an earthquake destroyed their water tanks.

Bruce Valentine III

When considering specific career and life goals, a common theme appears to me: using technology to improve the quality of life of as many people as possible. A lot of the things I am interested in also revolve around education, specifically allowing greater access to educational tools for those in unfortunate circumstances, and finding ways to teach valuable skills in previously unexplored ways. I intend to graduate college with a degree in Economics, which is at the crux of my interests, that I wish to apply to starting my own business based on technology and education. I would also like to be politically involved as my career evolves, perhaps running for local office or finding ways to apply my skills in the political campaigns of those with whom I agree.

I also intend to explore the option of pursuing a double major, combining Computer Science and Economics. Combining the two disciplines would provide me with an incredibly diverse set of skills. I would use these degrees to start my own businesses related to internet communications and education, and find ways to make them profitable in the process. My ultimate life goal is to allow everyone to have access to quality education at a reasonable price, and without the conventional economic barriers that many low income individuals face. Achieving this is an essential element of long-term success as a society, and being at the forefront of it is my greatest goal.

Blake Wessbecker

Since I last applied a year ago I feel as if I have accomplished a lot in my life, both academically and in my career development. Being a junior, I am finally starting to take classes that are specific to my major in Business Supply Chain Management. I have been learning many different aspects of my concentration and am being provided with real life problems and knowledge I could see myself applying for in my professional career following graduation. I continue to hold myself to a high standard academically, and have been rewarded for my hard work by earning a cumulative GPA of 3.419 to date. Thank you once again for this tremendous opportunity.
VFD Enviro-Check® Valve-Noiseless

Patented VFD Compatible Check Valves

Also available in Ductile Iron and Stainless Steel 1” thru 8”

Add "VFD" to end of existing Flomatic part number, works for all applications even non VFD systems.

Patented submersible pump check valve for use on variable flow demand (VFD) systems and applications. Standard check valves will "chatter" and be noisy when the system goes to low flow, eventually causing failure. These unique valves are designed to minimize flow losses and hydraulic shocks in the pumping system. The exclusive patented poppet system ensures that the valve smoothly and automatically adjusts to flow changes and is noiseless at very low flows. Excellent for all applications including non VFD systems.
Adjournment *Sine Die* Quickly Approaches

Monday, May 7, is the 118th day of this 120-calendar day session. Adjournment *sine die* will occur on Wednesday, May 9, no later than midnight. We are approaching the point where people quit referring to days and begin to refer to hours.

We are also approaching the time when no further bills can be introduced because the calendar will run out before they can be moved through the process. Technically, a bill can be introduced up to the minute before the gavel comes down adjourning the session. However, for a bill to progress through the process from introduction to enactment no fewer than 3 calendar days are required. The Colorado Constitution requires that a calendar day lapse between 2nd and 3rd readings. It is possible to pass a bill on 2nd reading at 11:59 PM and then pass it on 3rd reading at 12:01 AM – as long as adjournment and convening occur. That has happened, but it is very, very rare.

*Sine die* is a non-negotiable constitutional matter. The session ends at midnight on May 9 no matter what may be remaining on the calendar. Any unfinished business on adjournment *sine die* dies – no matter what. A bill that dies under the rules is dead. It does not roll forward until the next session.

At this point, there is less danger in a new problematic bill being introduced than there is in a bill that is ready to pass that gets amended in a problematic way. In the last 3 days of the session, procedural requirements for reports and amendments to be printed and distributed prior to the members voting on them are suspended. Reports are made orally – but not always with a complete account of the effects of an amendment or conference committee report.

This is the time when the worst law gets enacted. The speed of legislative activity coupled with nearly zero time for analysis of bills and amendments is a recipe for bad things going into law. And it is not always just the end of session crush that causes such outcomes. Legislators and special interest groups take advantage of the process to game the system.

**The Audit**

The next meeting of the Legislative Audit Committee was scheduled for May 6 at 8 AM. Yes, that is a Sunday. However, that meeting was canceled, and the next meeting is scheduled for June 25.

**New Laws Enacted Compendium**

The Governor has 30 days following adjournment *sine die* to act on all bills that have reached his desk. By June 8, we will know that final disposition of all bills. Once we know what bills have transitioned into being laws, we will prepare our annual compendium of new laws enacted that our members should be aware of. It takes some time to summarize all the new laws, so the actual publication won’t be completed until the end of June.

**Various Bills**

We have been watching several bills – but, fortunately, none of them hold any adverse elements for us. Just a few to note:

**SB18-044**: Veteran’s Hiring Preference: This bill is one that we have tracked for general information. It clarifies the hiring preference for selecting a military veteran over another applicant for a job. It is a pretty plain vanilla bill, but it got complicated by politics – and it is not clear why. The bill passed the Senate and went to the House. In the House, it was amended again.

*(Continued on page 19)*
Proudly Serving Colorado Contractors

WE HAVE THOUSANDS OF PRODUCTS IN INVENTORY:
Water Well Supplies
Water Treatment
Pipeline & Accessories
Stocks Waters

KNOWN FOR OUR “LEGENDARY SERVICE,”
2M OFFERS:
After Hours Availability
Free Delivery
“Hot Shot” Delivery Service
Custom Build Programs
All-Inclusive Incentive Trips

DENVER, CO | www2mco.com | 800-336-4631
When it was returned to the Senate, so the Senate could consider the House amendments, the Senate rejected the amendments. Not an unusual occurrence. But rather than asking for a conference committee to be formed to reconcile the differences, the Senate adhered to its version of the bill. This parliamentary move is sometimes used for controversial bills where there is a deep and irreconcilable conflict between the houses. But this is not a bill that rises to that level. Once a bill has been adhered to, the other house must recede from its position and accept the other house’s version, or the bill dies. It will be interesting to see what happens next in this game of chicken between the Senate and the House.

If the House adheres to its version, the bill dies. If the House recedes from its version and accepts the Senate version, the bill heads to the Governor.

**SB18-193:** this bill would require state agencies to review their criteria for licensing occupations and professions and to repeal any criteria that are not clearly associated with public safety. If enacted, it would apply to the BOE with its licensing of water well pump installers and construction. The bill passed the Senate but was killed in House State, Veterans & Military Affairs.

**SB18-218:** CWCB construction projects. SB18-218 passed both the Senate and House without amendments and is pending consideration by the Governor.

**HB18-1001:** This bill would establish a new program for employees that would allow them to take leave for family need purposes. It would be a mandatory program requiring employees to join and finance the program through a payroll deduction. While employers would not be required to contribute, they would be required to collect and remit the employee share. The final vote in the House was sufficient for passage (35 in favor with a minimum of 33 required), but no Republican voted for the bill.

As expected, the bill was not supported by Senate Republicans and it was killed in its first committee hearing.

If the Democrats succeed in taking majority control of the Senate in November, it can be expected that this bill will be back and be one of the first bills introduced in 2019.

**HB18-1018:** This bill would mandate a training protocol for commercial truck drivers regarding sex trafficking. It applies to the driving schools and does not put a burden on employers or trucking companies. The bill was brought by the trucking industry as a kind of public service. It has been known for a long time that truckers are often in locations where sex traffickers frequent and the purpose of this program is to teach truckers the signs and indications of such activity so that they can alert law enforcement authorities. The bill has been signed by the Governor.

The obvious application is for long haul and over the road drivers that rely heavily on the Interstate system with its many truck stops. However, there were some anecdotes about the traffickers utilizing smaller off Interstate truck stops and highways in order to reduce their potential exposure to law enforcement.

**HB18-1128:** This bill addresses responses to data breaches. It has been requested by the Attorney General in reaction to highly publicized breaches by groups such as Equifax. It would apply to our members if they hold any personal identifying information – such as that of employees (social security numbers, etc.). It would include customer information as well. The bill sets forth requirements for the destruction of such information, reporting breaches to the AG, and notification of those who might have been affected by the breach.

The bill was significantly amended in both the House and Senate, but each successive amendment seemed to make it more acceptable. In the end, the House accepted the Senate amendments and the bill is pending consideration by the Governor.
Next TWG Meeting:
9AM Friday, July 13, 2018
Beaver Run Resort
Breckenridge, CO

Attendees:
Daniel Niemela, Mike Pacheco, Brad Himes, Tom Harder, Doug Stephenson, Kevin Donegan, Bruce Heir Mike Temple

DWR Report
The DWR has a three-month backlog of well reports for review and imaging. The DWR is increasing focus on late reporting for Well Construction and Test Reports, Pump Installation and Test Reports and other required reports. Fines can be assessed for late reporting. There have been technical problems with Map Viewer. The well permit viewer website has also been updated.

The number of well permit applications from January 1 through March 31 are summarized below. The number of total permit applications in first quarter 2018 are greater than first quarter 2017 by 34%.

<table>
<thead>
<tr>
<th>CDWR Well Permit Activity</th>
<th>From: 1/1/2018 to 3/31/2018</th>
<th>CDWR Well Permit Activity</th>
<th>From: 1/1/2017 to 3/31/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Applications Received</td>
<td>1,591</td>
<td>Total Applications Received</td>
<td>1,191</td>
</tr>
<tr>
<td>Total all Permits Issued</td>
<td>1,252</td>
<td>Total New Exempt Permits Issued</td>
<td>925</td>
</tr>
<tr>
<td>Total New Exempt Permits Issued</td>
<td>687</td>
<td>Total New Non-Exempt Permits Issued</td>
<td>285</td>
</tr>
<tr>
<td>Total New Non-Exempt Permits Issued</td>
<td>401</td>
<td>Replacement Permits Exempt</td>
<td>77</td>
</tr>
<tr>
<td>Replacement Permits Exempt</td>
<td>91</td>
<td>Replacement Permits Non-Exempt</td>
<td>27</td>
</tr>
<tr>
<td>Replacement Permits Non-Exempt</td>
<td>11</td>
<td>Geothermal Applications</td>
<td>9</td>
</tr>
<tr>
<td>Geothermal Applications</td>
<td>42</td>
<td>Geothermal Permits Issued</td>
<td>10</td>
</tr>
<tr>
<td>Geothermal Permits Issued</td>
<td>41</td>
<td>Monitoring Hole Notice</td>
<td>244</td>
</tr>
<tr>
<td>Monitoring Hole Notice</td>
<td>210</td>
<td>Total Wells Plugged and Sealed</td>
<td>200</td>
</tr>
<tr>
<td>Total Wells Plugged and Sealed</td>
<td>325</td>
<td>Total Wells Plugged and Sealed</td>
<td>325</td>
</tr>
</tbody>
</table>

Clerical Water Well Construction Rules Change
There is a hearing on May 7, 2018 regarding Water Well Construction Rule 6. The change is to address wording changes for clarity pertaining to Notice of Intent for monitoring holes.

CDPHE Discharge Permitting
Matt Sares is meeting with the CDPHE on April 20, 2018 regarding potential changes to discharge permitting. Details to follow.

Laramie-Fox Hills aquifer wells north of the Denver Basin
Wells constructed in the Laramie-Fox Hills aquifer are subject to Water Well Construction Rule 10.4.8. The Laramie-Fox Hills aquifer extends north of Greeley, outside of the Denver Basin due to deposition during retreat of the Western Interior Cretaceous Seaway approximately 60 to 80 million years ago. A letter from the DWR regarding the Laramie-Fox Hills is attached.

New DWR Forms
All GWS DWR Forms are changing. The new forms will likely be rolled out in June 2018. CWWCA members provided very helpful feedback at the 2018 Annual meeting. Contractors are encouraged to continue to provide feedback on the proposed forms.

The new GWS-31 form will require identification of the aquifer that a well is completed in. This may be a challenge for contractors. The DWR will have resources available including forthcoming Colorado Geological Survey mapping and the (Continued on page 21)
friendly staff at the DWR hydrogeology section.

Well Inspection Program
There are two field well inspectors on staff. The chief well inspector will be spending a few days a week doing field inspections starting in 2018. There have been no budgeting changes to the well inspection program with the pending audit.

A new hydrogeologist will be hired by DWR and their responsibilities will include greater review of Well Construction and Test Reports, however they will not be doing field inspections.

CGWA Update
CGWA enjoyed working with CWWCA for the January Annual meeting. About 10 CGWA members attended.

Well Costs
Trucking costs and material costs have increased dramatically during 2018. Trucking costs have increased in part due to December “E-Log” regulations. Wholesale steel, PVC and pump costs have been extremely volatile.

Future Topics
DWR Update
Well inspection program
New DWR Forms
CDPHE discharge permitting

Respectfully submitted by Daniel O. Niemela

(TWG Report continued on page 22)
Attached letter from the DWR regarding the Laramie-Fox Hills aquifer mentioned in the TWG Report.

April 11, 2018

RE: Construction of Wells in the Laramie Fox Hills Aquifer (2 CCR 402-2, Rule 10.4.8)

A permit application was received by our office that requested a depth of 800 ft for a well to be constructed east of Wellington. An aquifer determination was conducted by staff and it was determined that the well would be completed in the Laramie-Fox Hills aquifer (LFH). A note was added to the permit conditions indicating a well completed at this depth would likely be completed in the Laramie-Fox Hills aquifer and should be constructed pursuant to Rule 10.4.8. Permit staff have only recently started adding these permit notes even though the permit does not restrict the aquifer into which the well can be completed. We would like to bring this to the attention of the contractors to prevent any violations of the Construction Rules.

The Laramie-Fox Hills aquifer is present in locations outside of the Denver Basin, in particular to the north and east of Greeley in the Cheyenne Basin. Wells constructed into the LFH aquifer must comply with Rule 10.4.8, requiring steel casing and grout from the top of the production zone to the top of the well. If you are completing a bedrock well it is also the responsibility of the contractor (Rule 10.1.2) to familiarize themselves with all conditions that may exist at the well location. Regardless of whether the permit has been conditioned for construction into the LFH aquifer, if you are contracted to construct a well in a location that falls within the aquifer boundary (see attached map) you are required to comply with the applicable Construction Rules. Obviously, not all wells in this area will be completed in a Type I or LFH aquifer, but if you complete the well in bedrock you must know which aquifer type it is and construct appropriately.

Staff has also determined the potential for wells to be completed in multiple aquifers in the area of concern. Type I with multiple confining layers are a real possibility. Do your research before bidding any wells. The Construction Rules are in place to protect the consumer and contractors.

Douglas Stephenson
Chief Well Inspector
Hydrogeology Section
douglas.stephenson@state.co.us
Map pertaining to the Laramie-Fox Hills aquifer mentioned in the TWG Report.
SEMCO, INC.
7595 US HWY 50
Lamar, CO  81052
PH#800-541-1562 FX#719-336-2402
semcopumphoist@yahoo.com

S4,000 – S30,000 SEMCO Pump Hoists

1 - 6" Pipe Elevators w/ Metal Bales
6" - 16"HD Pipe Elevators w/ Cable

S110H Hydrorench 1-10"

1-2", 2 1/2-4 J&K Kwik Klamp
CWWCA Liaison Report

BY JOE BENDER

The scheduled May 7, 2018 Meeting of the Board of Examiners, Public Session started at
10:03 a.m.

**Hearing on Rule 6.3:** A hearing for changes to the Notice of Dewatering Well, Monitoring and Observation Hole, and Test Hole, 2 CCR 402-2 was held. The wording was changed to make the rule clearer as to the requirements. The changes passed.

**State Engineer Report by Scott Cuthbertson:** Concern over the lack of snow pack. The SW part of the state is in a severe drought. Overall, except for Division #1, the rest of the state is in a drought.

**Water Quality (Health Department) by Robert Hillegas:** Discharge permitting was discussed.

**CWWCA Report by Joe Bender:** We gave the board a copy of the May 5, 2018 legislative update by CWWCA Lobbyist, Richard Brown. We informed the BOE of the present CWWCA membership numbers and invited all who were present to the Mid-Year Conference in Breckenridge, Colorado. Informed everyone of the new address of the CWWCA and recommended that they use email and our website for contacting the association.

**Staff Reports**

**Licensing of Contractors by Laura Kalafus:** As of 5/7/18, there are 227 licensed contractors who renewed their licenses. Approximately 22 have not renewed their licenses as of 5/1/18. The names of the unlicensed contractors will be forwarded to the well inspector for monitoring.

**Variances by Kevin Donegan:** Listed the approved variance for the last board meeting.

**Review of Continuing Education Requests:** 37 approved CE requests as of 5/4/18.

**Well Inspection Program:** Doug Stephenson will be in the field two days a week in the future. Larry Hakes will be spending some time in Division #7.

**Report from the Attorney General Office:** At this time the Board entered into Executive Session and the public was not allowed to attend.

**Future Board of Examiners Scheduled Meetings:**

- Monday, August 6, 2018, 10:00 am at Room 814, 1313 Sherman St, Denver, CO
- Monday, November 5, 2018, 10:00 am at Room 814, 1313 Sherman St, Denver, CO

**The applicants who took and passed their oral examinations:**

- Leo Bomareto, Denver, Colorado, Water System Equal to or Less Than 100 GPM
- Gaven Moore, Canon City, Colorado Air Rotary

The CWWCA wishes to congratulate the above applicants and welcome them to the Water Well Contractors of the State of Colorado. We also encourage them to become members of the Colorado Water Well Contractors Association if they are not already members.
INSURANCE

Drillers: Water, Enviro, Cathodic, Geothermal, etc.
Pump Installers
Environmental Contractors
Manufacturers & Distributors
Engineers, Consultants Geologists
Oilfield Service Contractors

970-223-1804  Steve Smith & Kyle Rehme

DRILLING DOWN TO WHAT MATTERS
Your Missing Link: Contractor’s Professional Liability

Okay, so what does Contractor’s Professional Liability have to do with a drilling/pump contractor and why do you need it? Where is the wisdom of spending more money on a Contractor’s Professional Liability policy when I already have General Liability?

Let’s look at some real life examples where Contractor’s Professional Liability is the ONLY answer to solve an unfortunate contractor claim situation that is NOT COVERED by General Liability:

Example 1: You install a water system in a multi-million dollar facility. That system, despite intense troubleshooting by everyone, fails to perform adequately. The remedy is an expensive retrofit just as the original water system. Without contractor’s professional, your only hope is that you don’t have to pay for it all and re-install it yourself!

Example 2: A water well driller spends a week or two drilling a large hole and then, while setting the casing, the bore collapses. Some of the casing is recovered, but the hole is lost. Right along with the your profit—and you must move over and start (all over again) when you should be off making money somewhere else!

Example 3: A geothermal driller installs a 200 hole loop field. However, a coupling used in each hole has a manufacturer’s defect and the entire field must be re-done. The manufacturer fulfills his obligation to replace the faulty parts, but you have to choose between protecting your bottom line or protecting your reputation and re-doing the entire system to meet project deadline.

Example 4: An environmental contractor is hired to sample soil at a site prior to a real estate purchase. The soil is tested at a lab, found to be free of pollutants, however months later pollution is discovered. Eventually, it is discovered the driller’s employees inadvertently sampled at the wrong locations! The end result is a serious lawsuit against the contractor for the wrongful purchase of the property and possibly the expensive environmental cleanup of the site.

In each of these examples ordinary General Liability will most certainly deny your claim.

A Contractor’s Professional Liability policy, however, will immediately pay you to correct the situation. Then the insurance company will seek reimbursement from other responsible parties, if any. Most of all, you the contractor avoid a serious financial loss, lost time, lost revenue and lost reputation.

Having the right insurance on a Bad Day will empower you to act like you want to act, stay profitable, make things right, and in fact better your reputation.

Most of all, with a Contractor’s Professional Liability policy, you’ll get to be the hero!

Steven G. Smith, Principal
(970) 223-1804

AssuredPartners
FRONT RANGE INSURANCE GROUP
Your FULL LINE DISTRIBUTOR of Well Water Products

Dealer Awards Program
It’s EASY To Earn Points!
Earn points redeemable for travel or merchandise simply by purchasing goods at our already every day low prices.

Reedem Your 2018 Points For:
Las Vegas 2018 • Aruba 2019
New & Improved Merchandise Catalog
Start Earning Points Today!

FREE SHIPPING ON IN-STOCK ITEMS!

WANT TO JOIN US IN LAS VEGAS IN DECEMBER 2018 AND TROPICAL ARUBA IN JANUARY 2019?
CALL (866) 478-6336
www.PreferredPump.com
2018 CWWCA MEMBERSHIP APPLICATION

Last Name_________________________________________First Name______________________Initial____

Company Name_________________________________________________________________________

Address_______________________________________________________________________________

City_______________________________State___________Zip Code__________________________

Telephone____________________________Fax_______________________________________

Cell_____________________Email____________________________

DO YOU WISH TO HAVE YOUR NAME LISTED ON THE WEB PAGE? YES ( )       NO ( )

LICENSE # ________________________________ (WE MUST HAVE THIS TO PLACE YOU ON THE WEB PAGE)

You Must Check____yes or no____ otherwise we will assume that your answer is NO

PLEASE ENTER YOUR DISTRICT # ______

UPGRADE MEMBER LISTING ON WEBSITE

$ 50.00 $_____

PLEASE CHECK THE APPROPRIATE MEMBERSHIP CATAGORY

_____1. Drilling Contractor (owner or manager of a well drilling business) $195.00

_____2. Pump Installation Contractor (owner or manager of a pump installation business) $195.00

_____3. Drilling and Pump Installation Contractor (owner or manager of both businesses) $195.00

_____4. Associate (any person or firm engaged in the manufacturing or selling of equipment services for the water well industry) $195.00

_____5. Technical (an hydrologist, geologist or engineer involved in teaching, research, consulting or government services concerned with the ground water industry) $ 75.00

_____6. Retired (retired members wishing to retain membership privileges) $ 40.00

_____7. Affiliate (professionals having an interest in the water well industry) $ 40.00

_____8. Employees (employees of paid members---$20.00 each employee) $ 20.00

****Please list name and address of each employee at the top of the page $ 20.00

_____9. Student $ 20.00

The CWWCA Buck Lively Scholarship Fund is recognized as tax-exempt under IRS Code Section 501(c)(3). VOLUNTARY DONATIONS to this organization are tax deductible as a charitable contribution to the full extent permitted by law.

THANK YOU FOR YOUR TAX EXEMPT SCHOLARSHIP DONATION $_____

TOTAL $_____

$15 of your CWWCA dues is applied towards lobbying efforts on your behalf. The $15.00 is NOT tax deductible.

Method of Payment

Credit Card ______ VISA_______ MASTER CARD______ DISCOVER _____ AMEX

Credit Card #_______________________________________Expiration Date__________ CCV_______

Name and Billing Address on Card_____________________________________________________

Check #___________ Amount ______________

Please return your remittance and completed Membership Form to:
CWWCA P.O. Box 100939 Denver, CO 80250
Phone: 720-244-8024     Fax: 720-208-0620     Email: execdir@cwwca.org
GRUNDFOS
GROUNDWATER CONTRACTOR TECHNICAL HOTLINE

When you need help with any Groundwater products
CALL:

844-824-8953
gwhotline@grundfos.com
12 HOUR ACCESS
CWWCA 2018 BOARD OF DIRECTORS

PRESIDENT
Brad Himes
District 2
Himes Drilling Company
2390 Highway 6 & 50
Grand Junction, CO 81505
Phone: 970.242.8893
Fax: 970.242.8895
e-mail: brad@himesdrilling.com

VICE-PRESIDENT
Fred Rothauge
District 5
Hydro Resources Rocky Mountain, Inc.
13027 CR 18
Fort Lupton, CO 80701
Phone: 303.857.7540
Fax: 303.857.3826
e-mail: rothauge@hydroresources.com

SECRETARY-TREASURER
Joel Canfield
District 5
Canfield Drilling Company
P.O. Box 519
Fort Morgan, CO 80701
Phone: 970.332.5834
Fax: 970.332.5877
e-mail: joelcanfield@canfielddrilling.com

PAST PRESIDENT
Bryan Beckner
District 6
Wellstone Inc., LLC
dba Twiss & Wilson Drilling
3611 U.S. Highway 385
Wray, CO 80758
Phone: 970.332.5834
Fax: 970.332.5877
e-mail: bryan@wellstoneco.com

DIRECTORS
Travis Day
District 1
Water Pump Supply & Service, LLC
P.O. Box 24
Meeker, CO 81641
Phone: 970.321.2051
Fax: 970.878.0165
e-mail: wpps1999@gmail.com

John O’Brien
District 2
Boulder Water Well
1901 S.120th St., Suite A
Lafayette, CO 80026
Phone: 303.552.3772
e-mail: john@waterwell.cc

Mike Temple
District 3
GeoWater Services
P.O. Box 2224
Evergreen, CO 80437
Phone: 303.670.3348
Fax: 303.674.2849
e-mail: operations@geowaterusa.com

Larry Finney
District 4
Finney Drilling and Excavating
1124 Eagles Nest Ct.
Cañon City, CO 81212
Phone: 719.275.9525
Fax: 719.275.7685
e-mail: larry.finney@bresnan.net

Joe Bender
District 5
Ground Exploration, LLC
15852 W. 79th Place
Arvada, CO 80007
Phone: 303.420.9977
e-mail: grounddx@gwestoffice.net
Eugene Wagner
Quality Irrigation, Inc.
P.O. Box 420
Yuma, CO 80759
Phone: 970.848.3846
Fax: 970.848.5115
e-mail: genev@qualityirrigation.com

DRILLER AT LARGE
Keith Branstetter
Aztec Drilling Company
P.O. Box 77271
Steamboat Springs, CO 80477
Phone: 970.879.5252
Fax: 970.879.5252
e-mail: kbranstetter@aztecdrillingco.com

PUMP INSTALLER AT LARGE
Bruce Hier
Hier Drilling Company
P.O. Box 250
Castle Rock, CO 80104
Phone: 303.688.3012
Fax: 303.660.0327
e-mail: bhier@msn.com

SUPPLIER DIRECTORS
Tom Harder
Western Hydro Corp
5610 Parachute Circle
Colorado Springs, CO 80916
Phone: 877.594.7259
Fax: 719.550.0966
e-mail: tharder@westernhydro.com

Michael Pacheco
Mitchell Lewis & Staver
4900 Osage St.
Suite 700
Denver, CO 80221
Phone: 303.217.8722
Fax: 303.217.8723
e-mail: mpacheco@mitchellewis.com

SPOUSE
Vicki Wagner
P.O. Box 420
Yuma, CO 80759
Phone: 970.848.3846
e-mail: gwagner@centurytel.net

TECHNICAL DIRECTORS
Joe Meigs
Halcyon Consulting Group, LLC
3936 Simms St.
Wheat Ridge, CO 80033
Phone: 303.968.6244
e-mail: jmeigs@comcast.net

Dan Niemela
Bishop-Brogden Associates
333 W. Hampden Ave. Ste. 1050
Englewood, CO 80110
Phone: 303.806.8952
Fax: 303.806.8953
e-mail: dniemela@bbawater.com

CWWCA 2018 COMMITTEES
AUCTION COMMITTEE
Chair: Vicki Wagner - 970.848.3846
John O’Brien - 303.552.3772
Bryan Beckner - 970.332.5834

APPRENTICESHIP PROGRAM
Chair: Fred Rothauge - 303.857.7540
Brad Himes - 970.242.8893
Mike Temple - 303.670.3348

AWARDS
Chair: Bryan Beckner - 970.332.5834

CONTINUING EDUCATION
Chair: Fred Rothauge - 303.857.7540

PUBLIC RELATIONS
The Drillstem, Website
Chair: Dan Niemela - 303.806.8952

LEGISLATIVE
Chair: Joe Meigs - 303.350.4090
Mike Temple - 303.670.3348

LOBBYIST
Richard Brown
Mobile: 303.601.9254
Phone: 303.695.6388
e-mail: dickscuba@gmail.com

LIAISON WITH BOE AND DWR
Chair: Bruce Hier - 303.688.3012
Joe Bender - 303.420.9977

MEMBERSHIP COMMITTEE
CWWCA Board of Directors

MOUNTAIN STATES
Chair: Joel Canfield - 303.688.6462
Fred Rothauge - 303.857.7540

PROGRAM
Chair: Bryan Beckner - 970.332.5834
Mike Pacheco - 303.217.8722
Eugene Wagner - 970.848.3846
Tom Harder - 719.572.5251

SCHOLARSHIP
Chair: Eugene Wagner - 970.848.3846
Joel Canfield - 970.867.2943
John O’Brien - 303.552.3772

TECHNICAL WORKING GROUP
Chair: Dan Niemela - 303.806.8952
John O’Brien - 303.552.3772
Mike Temple - 303.670.3348
Larry Finney - 719.275.9252
Bryan Beckner - 970.332.5834
Keith Branstetter - 970.879.5252
Eugene Wagner - 970.848.3846
Bruce Hier - 303.688.3012
Joe Meigs - 303.968.6244
Fred Rothauge - 303.857.7540

WATER WELL CONSTRUCTION RULES
Chair: Fred Rothauge - 303.857.7540
Mike Temple - 303.670.3348
Joe Meigs - 303.968.6244
Bryan Beckner - 970.332.5834

NGWA
Chair: Fred Rothauge - 303.857.7540
Brad Himes - 980.242.8803

SPONSOR
Chair: Vicki Wagner - 970.848.3846

SUPPLIER
Chair: Tom Harder - 719.572.5251
Mike Pacheco - 303.217.8722

501(c)(3)
Chair: John O’Brien - 303.442.1911
Eugene Wagner - 970.848.3846
Joel Canfield - 970.867.2943
Bryan Beckner - 970.332.5834
Jason Fegel - 303.552.3772
LOOKING FORWARD TO SEEING YOU AT THE
CWWCA MID-YEAR CONFERENCE
BEAVER RUN RESORT
BRECKENRIDGE, CO
JULY 13-14, 2018
FRIDAY & SATURDAY
!!MAKE YOUR RESERVATIONS NOW!!
See page 9 for information.

Mark Your Calendars
2019 CWWCA ANNUAL CONFERENCE
Denver Marriott Tech Center - Denver
January 9-11, 2019