2021 CWWCA Annual Conference
January 14-15, 2021

Join us virtually for continuing education, the annual membership meeting and the silent auction for the Buck Lively Scholarship.

Our programming will be offered virtually over two days in webinar format, providing the same opportunity to learn valuable information and still receive your eight credit hours for the year. We will use Zoom Meeting, that will allow you to unmute and talk directly with the speakers during each session. Check out page 4-7 for further details.

DON'T FORGET!
Our Buck Lively Scholarship Program is now a 501(c)(3).
Cash donations at the Annual Conference are tax deductible!
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.
Help wanted ads will not be published.

<table>
<thead>
<tr>
<th>Number of Issues</th>
<th>1</th>
<th>2</th>
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<td>$450</td>
<td>$675</td>
<td>$850</td>
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<td>Half Page 7”x5” or 3.5”x10”</td>
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<td>$285</td>
<td>$405</td>
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<td>Quarter Page 3.5”x5” or 7”x2.5”</td>
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<td>$172</td>
<td>$243</td>
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<td>Business Card 3.5”x2”</td>
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<td>$95</td>
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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 929
Indian Hills, CO 80454-0929
Phone: 720-244-8024
Fax: 720-244-8024

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.

CWWCA CONTACTS

Executive Director
Colleen Schneider
5490 Parmalee Gulch Road
Indian Hills, CO 80454
Phone: 720-244-8024
Fax: 720-244-8024
E-mail: execdir@cwwca.org

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

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 CALENDAR OF EVENTS

JANUARY 14, 2021    TWG (Technical Working Group) Meeting
JANUARY 14 – 15, 2021    CWWCA Annual Conference
JANUARY 15, 2021    CWWCA Board of Directors Meeting
FEBRUARY 3, 2021    BOE MEETING (Board of Examiners)
JULY 9 – 10, 2021    CWWCA Mid-Year Conference
Dear Colleagues,

This year has proven to be daunting and uncertain for our personal and professional lives. The recent election combined with the never-ending COVID debacle has undoubtedly caused frustration and strain among family and workers. As contactors, we are continually confronted with unforeseen obstacles relating to particular jobs, customers and employees. The addition of how to deal with and mitigate the 2020 “pandemic” has only heightened the stress as self-adulating politicians propose new mandates and discourage family holiday gatherings. I try to make a conscious attempt to avoid discussing religion and politics among peers; however, the latter subject becomes increasingly intrusive and unavoidable. I suppose the hypocrisy of certain elected officials desecrating the domestic petroleum industry while flying private airliners and fumbling with masks made from polyester is cause for contempt. Anyway, I had to initially rant and give my two cents.

It was decided among board members during the recent CWWCA meeting that the Annual Conference would be held on-line for continuing education. Physical attendance at the hotel/conference venue was highly debatable due to the continued uncertainties associated with COVID. It was also discussed that if a physical conference where to be held that the projected attendance would be far less than that of previous years with subsequent financial strain. Members and suppliers have formatted continuing education to be presented on January 14th and 15th with a combined eight hours. I was unable to be present for the Board of Examiners virtual meeting held November 2nd. The lingering question of one-hundred percent notification for all new well construction as brought forth by the state audit committee was brought again before the BOE. The consensus, again, was that 100% notification is not necessary and the push from the audit committee appeared to lessen and be agreeable to the suggestions of the Board.

I hope that everyone is staying safe and productive even as more questions arise and seemingly fewer substantial answers provided. I was looking back from my letter immediately following last year’s Annual Conference and sort of caught off guard when being certain that the Mid-Year in Breckenridge would be presented as usual, but alas. I am reminded that things can be much worse and to be grateful, no matter the scenarios which is beyond our control. I hope everyone had a Happy Thanksgiving among family and friends.

Sincerely, Joel Canfield
CWWCA President
CWWCA ANNUAL VIRTUAL CONFERENCE
JANUARY 14 – 15, 2021

Join us virtually for the Annual Conference January 14 – 15, 2021 to earn your eight hours of CE credits.

**Thursday, January 14, 2021**
- 8:00 am - 9:00 am  **Technical Working Group** – by invitation only
- 9:00 am – 2:45 pm  **Webinar Classes**

**Friday, January 15, 2021**
- 9:00 am – 2:45pm  **Webinar Classes**
- 2:45 pm- 4pm  **Membership Meeting/Board of Directors Meeting**

**Thursday, January 14, 2021**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>9am - 10am</td>
<td>“Like the Facts or Not- What Happens When Your Crew Gets Sick + Supply Chain Issues”</td>
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<tr>
<td>*1hr</td>
<td>COVID-19 experiences and how companies have adjusted. We are essential workers, what does that mean, what are our responsibilities? Infectious disease means others can get sick, one crew member then the next. Speaker: TBD</td>
</tr>
<tr>
<td>10am - 11am</td>
<td>“Drought, Wildfire and Ground Water”</td>
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<tr>
<td>*1hr</td>
<td>Speaker: Daniel O. Niemela, C.P.G., BBA Water Consultants, Inc.</td>
</tr>
<tr>
<td>11-11:30am</td>
<td>30 Minute LUNCH BREAK</td>
</tr>
<tr>
<td>11:30am- 1:30pm</td>
<td>“DWR Updates and Geology and Well Construction Considerations in Division 2 and the Cheyenne Basin”</td>
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<tr>
<td>*2hr</td>
<td>Join Kevin Donegan for the first hour for a DWR update. The second hour will cover geology and well construction consideration in Division 2 and the Cheyenne Basin. Speakers: Kevin Donegan, Matt Sares, and Andy Flor</td>
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<tr>
<td>1:30- 1:45pm</td>
<td>15 MIN BREAK</td>
</tr>
<tr>
<td>1:45pm-2:45pm</td>
<td>“General Industry Reference and State Licensing Test”</td>
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<td>This session will provide a general industry reference to the water well industry including providing materials and resources on where to find this information. The goal is to broaden your business and to increase industry knowledge of different aspects of the water well industry. This session will also focus on passing the state licensing exam. Speaker: Ray Newmyer, M.G.W.C., NWP Drilling &amp; Consulting</td>
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</table>
**Friday, January 15, 2021**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9am - 10am</td>
<td>“Proper Disinfection of Water-Supply Wells”</td>
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<td>Disinfection is required any time the surface seal of a water-supply well has been broken and a water sample must be collected for analysis prior to placing the well in service. The standard test that has been adopted by the water-well industry is for fecal coliforms. This test was adopted because it was originally believed that coliforms came from the guts of animals, and thus was a good indication that there was contamination in a well. Studies indicate that coliforms can proliferate within a well system without being introduced from an outside source.</td>
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<tr>
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<td>Speaker: Thomas M. Hanna, Johnson Screens</td>
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<tr>
<td>10am - 11am</td>
<td>“Drilling Down on Cyber Security”</td>
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<td></td>
<td>What you can do to protect yourself from internet theft, ransom ware and loss of data.</td>
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<td></td>
<td>Speaker: Steve Smith, Assured Partners</td>
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<tr>
<td>11 - 11:30am</td>
<td><strong>30 MIN LUNCH BREAK</strong></td>
</tr>
<tr>
<td>11:30am - 12:30pm</td>
<td>“Traumatic Injuries: Assessment and Treatment”</td>
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<td>In this class we will learn what we can do to try to prevent traumatic injuries and if they do occur, how to assess and treat the injury.</td>
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<td>Speaker: Gene Wagner, Quality Irrigation</td>
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<tr>
<td>12:30pm - 1:30pm</td>
<td>“Motor Analysis”</td>
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<td></td>
<td>Speaker: Dean Wygal, GRUNDFOS Pumps Corporation</td>
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<tr>
<td>1:30 - 1:45pm</td>
<td><strong>15 MIN BREAK</strong></td>
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<tr>
<td>1:45 - 2:45pm</td>
<td>“NGWA PFAS Risk Communication Resources for Water Well Contractors”</td>
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<td></td>
<td>Speaker: Andy Horn, Westwater Hydrology LLC</td>
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<tr>
<td>2:45pm – 4pm</td>
<td><strong>Membership Meeting and Board Meeting</strong></td>
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<tr>
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<td>• Present award to member of the year</td>
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<td></td>
<td>• Review silent auction winners</td>
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<tr>
<td></td>
<td>• BOD Meeting</td>
</tr>
</tbody>
</table>

* 2021 CWWCA Virtual Annual Conference is approved for nine (9) CE credits.*
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HOW TO REGISTER
Complete the application located on page 9 and mail in with your payment. Your Annual Dues will need to be updated at this time.
Or, visit www.cwwca.org and register using the link listed on the home page.
Call our office at 720-244-8024 if you have any questions.

COST
Members: $50 per member
Non-Members: $250 per Non-Member

SUPPLIERS
CWWCA welcomes our suppliers to join the webcast and to get involved in the association in the following ways:

1. Donate an item(s) for our silent auction to raise funds for our Buck Lively Scholarship Fund. Please email execdir@cwwca.org with your item to donate.
The CWWCA Buck Lively Scholarship Fund is recognized as tax-exempt under IRS Code section 501(c)(3) and voluntary donations are tax deductible as a charitable contribution to the full extent permitted by law.

2. Join the webinar and renew your dues. Your partnership is vital in helping CWWCA succeed. Your yearly dues and attending the webcast help CWWCA continue to operate. You can register using the application located on page 37 or by visiting our website www.cwwca.org.

3. Advertising: Banner ad placed in all marketing materials and noted during the webinars. $100.00- Includes stand alone advertisement or 30 second video played during break times.

ROLE CALL/ ATTENDANCE APPROVAL
A special code will be given at the end of each class. Once you receive all eight codes you can send your code sheet to execdir@cwwca.org to receive the ID course. This will be used as our confirmation you attended the sessions. For full information on this and other CWWCA educational opportunities, go to cwwca.org and look under the education tab.

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 the education tab.
Our business is all about helping our customers be more successful. From personalized technical training to in-depth product expertise, we believe in the power of industry knowledge and top-notch programs. We’re well equipped to help our contractors gain a modern edge.

**OUR SERVICES**
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CWWCA ANNUAL VIRTUAL CONFERENCE
ATTENDEE REGISTRATION

Register to attend the Annual Conference and renew your Membership using this form.

CONTACT INFORMATION:

COMPANY

CONTACT NAME

ADDRESS

CITY

STATE

ZIP

PHONE

MOBILE

EMAIL

You will receive an email confirmation with the link to join the webinar one week prior to the conference. All communication will be sent via email. Please call the CWWCA office if you have any questions: 720-244-8024.

I. FULL CONFERENCE REGISTRATION

Please indicate the number that will attend the conference.

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<tr>
<th>#</th>
<th>Type</th>
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<td>CWWCA Member</td>
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<td>Non-Member</td>
<td>$250.00</td>
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*Program is approved for nine (9) CE credits.

II. CWWCA MEMBERSHIP

It is that time of year to renew your membership with CWWCA. Your membership dues are essential to keeping CWWCA funded for those in our industry.

<table>
<thead>
<tr>
<th>X</th>
<th>Member Type</th>
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<tr>
<td></td>
<td>Pump Installation Contractor</td>
<td>$198</td>
</tr>
<tr>
<td></td>
<td>Drilling &amp; Pump Installation Contractor</td>
<td>$198</td>
</tr>
<tr>
<td></td>
<td>Associate (mfg/vendor for industry)</td>
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<tr>
<td></td>
<td>Technical (industry expert, consultant)</td>
<td>$115</td>
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<tr>
<td></td>
<td>Retired</td>
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<tr>
<td></td>
<td>Affiliate (interested in industry)</td>
<td>$50</td>
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<tr>
<td></td>
<td>Employee (of an already paid member)</td>
<td>$60</td>
</tr>
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ORDER SUMMARY:

- REGISTRATION TOTAL:
- MEMBERSHIP TOTAL:
  Credit Card Users: please add $7 convenience fee:

GRAND TOTAL:

PAYMENT INFORMATION:

(circle)

- CHK
- VISA
- M/C
- AMEX
- DISC

CARD NUMBER:

EXPIRATION:

CVV#:

BILLING ZIP CODE:

NAME ON CARD:

CANCELLATION POLICY:

Full registration fee will be refunded prior to January 10, 2021. 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.
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Election Update – What’s Next?

The 2020 election is finally over. Sort of. Maybe. The good news is that the seemingly endless cascade of annoying robocalls has ceased. The better news is the assault of campaign ads has also ceased. The bad news is that the vacuum will be filled over the next few weeks with an endless avalanche of journalists and “experts” explaining over and over and over what happened, why it happened and what is coming. Overwhelmingly, these reports will be repetitious, and the repetition will be repetitious.

Nonetheless, we are at a sea change in the political trajectory in this country and in Colorado. It is timely to do an initial assessment of what the political situation is in Colorado and what we might expect when the General Assembly convenes in January.

State Election – People

The short take is that it was a very, very good election for Colorado Democrats and a very, very bad one for Colorado Republicans. This is in contrast to the performance of Republicans on the national stage where the party gained at least 6 seats the US House of Representatives – a margin that might increase further depending on a few races that are still being counted. The Republicans appear to have held on to the majority in the US Senate. As of this report, the US Senate showed the Republicans with 50 seats and the Democrats with 48. The Republicans need to capture only 1 of the 2 contested runoff elections in Georgia to control the US Senate. The Democrats must win both of those contests to bring the Senate to a tie with Vice President Kamala Harris casting the 51st vote.

Going into the election, the Democrats had a lock on state government. They held all the statewide offices of Governor, Lt. Governor, Secretary of State, Attorney General and State Treasurer. All those incumbents were mid-term, so they simply carry on. The Democrats extended their reach and went deeper into Colorado. The Democrats already had a lock on the State Board of Education, and they continued that dominance. The change came with the Democrats taking control of the Board of Regents that governs the University of Colorado System for the first time in 4 decades. There is only 1 Republican left as a Regent and that Republican is also the only Republican holding any state level elective office in Colorado.

When it came to the Congressional delegation, nothing really changed. The Democrats already enjoyed having the majority of House seats in the delegation and they maintained that. The Republicans held 3 congressional seats, and they maintained those. The notable event was the election of Republican Lauren Boebert in Congressional District 3. Boebert ran on a pretty far right agenda and is probably destined to be anointed as a rising star among the more aggressively conservative elements of the Republican Party.

The US Senate race went to former Governor John Hickenlooper (D) when he defeated incumbent US Senator Cory Gardner (R). As much as the media has portrayed this as a “flip” or an “upset”, it was neither. This outcome was almost preordained and if there were actually an upset it would have been if Gardner had held the seat. What is more interesting is that Hickenlooper did a minimal campaign in the rural areas of the state and on the Western Slope. It is an indication of how much political power has been concentrated in the highly urbanized Denver metro area.

The Democrats also held the majority in the State Senate and in the House of Representatives. When the results were in, the Democrats had picked up one net seat in the Senate giving them a 20-15 margin over the Republicans. It should be noted that the Republicans have only 1 woman in their caucus.

Both the Senate Democrats and Senate Republicans have met and have chosen their leadership for the upcoming session:

**Senate Democrats:**

Leroy Garcia (D-Pueblo), President of the Senate  
Steven Fenberg (D-Boulder), Majority Leader  
Kerry Donovan (D-Eagle), President Pro Tem  
Julie Gonzales (D-Denver), Majority Caucus Chair
Dominick Moreno (D-Commerce City), Joint Budget Committee (Chairman)
Chris Hansen (D-Denver), Joint Budget Committee

**Senate Republicans:**

Chris Holbert (R-Douglas County), Minority Leader
John Cooke (R-Weld County), Assistant Minority Leader
Jim Smallwood (R-Douglas County), Minority Caucus Chair
Paul Lundeen (R-Colorado Springs), Minority Whip
Bob Rankin (R-Glenwood Springs), Joint Budget Committee

Other appointments will occur over the next few weeks. Members of the Legislative Audit Committee have not been selected yet. That could occur quickly since the next meeting of the Committee is December 7.

Committee chairmanships and other minor leadership positions might be announced around Thanksgiving. Committee memberships can be expected to be announced in early December.

Neither the Republicans nor the Democrats gained any strength in the House of Representatives. One Republican incumbent lost to a Democrat and one Democrat incumbent lost to a Republican. It was a wash leaving the House with 42 Democrats and 24 Republicans.

Interestingly, there is one race that received a lot of attention because of campaign tactics to defame and demonize Rep. Brianna Titone (D-Arvada). Rep. Titone is the first transgender member of the Colorado legislature and she was in a highly competitive race for reelection. Opponents distributed scandalous personal attacks on her that received a significant amount of media coverage. Rep. Titone won her reelection by a plurality. But the real story is that in what may have been the first time, a third party Libertarian candidate received enough votes to influence the outcome of the race. Titone won reelection with a plurality of the votes cast – not a majority. She received 48.7% while the Republican challenger secured 45.6% of the votes cast. A total of 1,894 votes put Titone in the win.

The Libertarian collected 3,467 votes for a total of 5.7% of the votes cast. That is significantly more than the margin of votes between the two other candidates. Had the Libertarian not been in the race, it would have to be assumed that those votes would have been more likely to be cast for the Republican challenger just on the basis of philosophy between the two parties. Without the Libertarian, the Republican might well have prevailed.

The House Democrats have met to select leadership:

**House Democrats:**

Alex Garnett, (D-Denver), Speaker of the House
Danyae Esgar, (D-Pueblo), House Majority Leader
Serena Gonzalez-Gutierrez, House Assistant Majority Leader
Lisa Cutter (D-Evergreen), Majority Caucus Co-Chair
Meg Froelich (D-Greenwood Village), Majority Caucus Co-Chair
Kyle Mullica (D-Adams County), Majority Caucus Co-Whip
Monica Duran (D-Wheat Ridge), Majority Caucus Co-Whip
Julie McCluskie (D-Dillon), JBC Co-chair
Leslie Herod (D-Denver), JBC

Other appointments will occur over the next few weeks. Members of the Legislative Audit Committee have not been selected yet. That could occur quickly since the next meeting of the Committee is December 7.

Committee chairmanships and other minor leadership positions might be announced around Thanksgiving. Committee memberships can be expected to be announced in early December.

The House Republicans met on Monday, November 9 to select their leadership team:
**House Republicans:**

Hugh McKean (R-Loveland), Minority Leader  
Tim Geitner (R-Monument), Assistant Minority Leader  
Janice Rich, (R-Mesa County), Caucus Chair  
Rod Pelton (R-Fort Morgan), Minority Caucus Whip  
Kim Ransom (R-Parker), JBC Member

**2021 Session Logistics**

With the incidence of COVID showing no real improvement, legislative leadership is facing the same dilemma that they faced in March. How can the legislature accomplish its work in 120 calendar days in an expedited manner without closing access to the Capitol and decision making to citizens? Unless that answer is the best kept secret in the Capitol, it does not appear that anyone really knows how the logistics of this session are going to be set and how well they will work in the real world.

There is a lot of speculation as to what the logistics will be, and much of it is uninformed. There are some non-negotiable things that must occur. The legislature will convene on January 13, 2021. That date is determined by the Colorado Constitution. The legislature must accomplish several things when it returns. It must ratify the results of the 2020 election; it must swear in all the members who were elected; it must accept the canvass of votes as certified by the Secretary of State; it must enact a resolution formally hiring staff; and there are several other items of formal business matters to be accomplished. An unanswered question is whether the legislature will use remote participation or if the members will convene in person. Public health standards for social distancing may dictate that decision. Some members, or family members, also suffer from health conditions that place them at higher risk of contracting COVID and those circumstances must be considered.

Once the formal actions have been taken, the legislature is not required to immediately begin legislative work. The legislature could adjourn to a date several days or weeks into the future. Ultimately, the legislature can only be in formal session for 120 calendar days. However, the Colorado Supreme Court has ruled that when the state is operating under a public health emergency those days are not required to be sequential.

**The Budget**

The combination of the ongoing pandemic and the ongoing economic slowdown is making the preparation of the state budget extremely difficult. The Joint Budget Committee staff has already been at work to refine the current year budget and set the beginning calculations of the next year budget. The budgets run with the state fiscal year which begins on July 1 of each year and ends on June 30 of the subsequent year. The Governor is required (by the Constitution) to submit his pro forma budget to the JBC on November 1 of each year. Governor Polis has made that filing and the JBC will begin to work on it the week of November 15.

For perspective, we work with two budgets at the beginning of a legislative session. The current year budget which is about into its 6th month when the legislature convenes is the first budget to be addressed. The JBC will undertake work that will adjust the numbers in the current budget. Those changes will be introduced in February as a package of bills to change budget appropriations. These bills are referred to as “supplemental appropriations” and can either be positive or negative depending on the change to the line item that needs to be made.

As soon as the supplemental budget process is completed, the JBC will turn its attention to the preparation of the next year budget. March 20 is the critical watershed date for preparation of that budget. On March 20, the economists in Legislative Council and the economists in the Governor’s office will present their respective revenue estimates. Generally, these estimates are very close to one another, but they are seldom identical. Historically, the JBC accepts the estimates made by Legislative Council to work from because they tend to be more conservative than those produced by the Governor. That is not always the case. The current year budget was built on the Governor’s more optimistic estimates because it made balancing the budget a bit easier.

This discussion has been included because it has relevance to the legislative calendar. Some legislators have expressed the opinion that the legislature should convene in January and adjourn until after March 20 when they would return and begin work on the budget. These legislators seem to

*(Legislative Update Continued on page 15)*
PASSION FOR PROGRESS

Todd Armstrong
580-478-7288 · tarmstrong@gefco.com
PARTS: 713.699.7699 · SERVICE: 580.977.9866

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the DRILLSTEM  WINTER 2020
be of the opinion that pursuing bills until the budget is set is not productive. It is doubtful that this theory will take hold since the situation is not substantially different than what faces the legislature every year.

**Ballot Issues**

Individual elective offices were not the only measures decided by the voters on November 3. There were several ballot issues also decided. We will forgo discussing those measures until a subsequent update and we can dedicate more space and attention to them.

**Legislative Redistricting – The Shadow Over the 2021 Session**

The district lines for State Senate and State House that have been in place for the past decade will be changed for the 2022 election. Following each census, the legislative districts must be realigned in order to approximate a balance of representation throughout Colorado. That must almost certainly need to be done in 2021 in order to give candidates who want to seek an office in 2022 plenty of opportunity to enter the candidate selection process.

There is already a potential glitch, and the census numbers have not even been released. By vote of the people in 2018, the process of redistricting State Senate, State House and Congressional district lines was assigned to two new redistricting commissions comprised of volunteers who are balanced among Democrat, Republican and Unaffiliated registrations. This is a de novo process – it has never been used before and there is no field test to see if it will work. There is also no “Plan B” if it fails.

Applications for qualified persons to form the two commissions have been publicly solicited for several weeks. The problem is that the commissions are short of applicants and the deadline for applying was November 10. At the time of this update, the Congressional committee had received 349 applications and the Legislative committee had received 234. Statistically, the process needs a pool of 1,050 applications for each commission. Each commission is to be comprised of 12 members, so while the current applicant pool is very shallow, each commission can be formed. The concept of selecting the final members is very specific and is predicated on a systematic winnowing of applicants to get to the final panel. It is this winnowing process that needs the large number of initial applicants to work from. It is not clear what happens if the embedded arithmetic doesn’t work.

**Reapportionment – Redistricting – Electoral College**

Colorado is expected to gain one new seat in Congress following Congressional reapportionment. Reapportionment and redistricting are not the same thing. Reapportionment is the allocation of the 435 seats in the US House of Representatives among the states. Each census leads to a reapportionment because of population growth and the migration patterns of the population. Some states, such as New York, are expected to lose seats. Some states, like Colorado, are expected to gain seats. But no matter what, the total number of congressional seats will remain at 435.

Redistricting is the implementation of reapportionment. When a state loses one or more seats, the losing state ordinarily must redraw district lines and consolidate some districts. When a state gains one or more seats, that state gets to subdivide the existing districts to accommodate the number of new districts.

There is another critical element to reapportionment beyond just equitable distribution based on population. That is the number of votes each state has in the Electoral College. This campaign season has had lots and lots of comments about the Electoral College and we all watched the electoral votes being tallied from election night and for several days thereafter. Joe Biden has been able to secure more than 270 electoral college votes which will make him the next President of the United States.

No matter what happens with reapportionment, the total votes in the Electoral College will remain at 538. Each state has 2 US Senators, and that means each state receives 2 electoral votes – that is a total of 100. Each state is entitled to a minimum of 1 electoral vote for each member of the US House which accounts for 50 electoral votes. Thus, 150 of the electoral votes are predesignated to the states. It is the balance of the undesignated electoral votes that are apportioned by population.

That brings us to 535 – why, then, are there 538 electoral votes? The answer is that in 1960, the 23rd Amendment to the US Constitution was adopted. That amendment awarded 3 electoral votes to the District of Columbia even though DC is not a state.

Which brings us back to reapportionment and the Electoral College. Beginning with the total of 435 House members (excluding DC for the moment), each state is allocated a minimum of 1 electoral vote. That means that 50 of the 435 electoral votes are committed before the reapportionment occurs. North Dakota and New
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York each get at least 1 electoral vote based on House membership. It is the balance of 385 electoral votes that are allocated on the basis of population among the 50 states.

And that is why the outcome in the yet to be called Georgia US Senate races is crucial. Because of Georgia election laws and a quirk in this year’s election, both Georgia Senate seats are still in play. Absent one candidate conceding to the other, there will be a runoff in January. The outcome of the runoff may determine whether the Republicans maintain majority status in the US Senate. Remember, in a 50-50 tie, the Vice President casts the deciding vote on issues.

If the Democrats win majority control in the US Senate, there is a high likelihood that statehood status for the District of Columbia will come into play. If DC becomes a state, the calculus of the Electoral College changes. DC already has 3 votes. It would not gain because of having 2 United States Senators. But it could gain because of population. It is already guaranteed 1 vote so it would not gain a vote simply because of statehood. However, DC is a populous region. It might gain an electoral vote at the expense of a state that is on the cusp of losing a seat.

To further complicate the electoral college arithmetic, granting statehood to DC might trigger a serious movement to grant statehood to Puerto Rico. Puerto Rico has passed several popular referenda calling for immediate statehood with the most recent being last Tuesday. Efforts for Puerto Rico to become a state date back decades. If Puerto Rico were to become a state with 2 US Senators and one or more members of the US House, the calculus of the Electoral College would change again.

Of course, this is speculation. If the Republicans hold the US Senate, the chances for statehood for DC or Puerto Rico become much harder. There is no rational political reason for the Republicans to support statehood for either – statehood for DC alone would relegate the Republicans to minority status. It would increase the number of Senators from 100 to 102, with both those new Senators almost certain to be Democrats elected from DC. For the Republicans to seriously consider statehood for DC would likely be dependent on whether Puerto Rico statehood would result in 2 Republican Senators which would keep the balance.

**Presidential Transition**

With the election of Joe Biden as the next President of the United States, the American tradition of transferring power from one administration to its successor will commence. President-elect Biden has vowed to roll back many, perhaps most, of the executive orders adopted by President Trump. We will also be undergoing many, many personnel changes as the Trump administration leaves office and their successors in the Biden administration begin to assume the duties. We can expect a series of announcements by President-elect Biden as he finalizes his cabinet and sub-cabinet appointments. Repeal or revision of executive orders will most likely come after President-elect Biden is sworn in on January 20 since the existing orders will remain in effect until President Trump leaves office.

It is clear that the executive orders issued by President Trump that apply to environmental matters and natural resources will be early targets for revisions. That would also include rules and regulations adopted by agencies such as the EPA that followed the policies and priorities of the Trump administration. Several of the Trump actions are pending in the federal courts after having been challenged by various groups from environmental organizations to states attorneys general. Some of those challenges may be mooted if the Biden administration rescinds or changes them.

Clues to how President-elect Biden will implement key environmental and natural resource policy may be offered by who he appoints to a couple of key administration positions. For example, it appears that the front runner for the Secretary of the Interior may be former United States Senator Tom Udall from New Mexico. Another key appointment is the Director of the EPA, and it is thought that Mary D. Nichols, the chair of the California Air Resources Board, is the leading candidate for that appointment.

Such appointments are important not only for national policy but also for how Colorado will address similar issues. It is not a secret that former Governor John Hickenlooper and current Governor Jared Polis were often at odds with President Trump over environmental and natural resource policies. Attorney General Phil Weiser had filed legal challenges over some of President Trump’s policies and agency rules. It should be expected that Governor Polis and his administration will be much more amenable to the policies of President-elect Biden.

However the new President decides to move on environmental matters it can be assured that climate change will be the overarching theory of regulation and enforcement. We should anticipate that the southwestern regions of the country will be a high priority for regulation of air quality and water quality.
The DRILLSTEM

TWG (TECHNICAL WORKING GROUP) REPORT

Remote Meeting via Zoom

October 16, 2020

Next TWG Meeting:
Remote Meeting via Zoom
January 14, 2020, 9:00 AM

Attendees:
Andy Flor, Mike Temple, John Taylor, Dan Niemela, Joe Meigs, Bryan Beckner, Fred Rothauge, Tom Dea, John O’Brien, Joel Canfield, Tom Harder, Mike Wiedorn, Doug Stephenson, John Shuler

Moderator:
Joel Canfield

Moderator for January 2021 Meeting:
Bryan Beckner

DWR Update

DWR staff will be working from home at least through the end of the calendar year. Staff in the Denver office are checking voicemails though this practice may differ in Division offices. All staff will be subject to zero to four days of furlough depending on salary.

Well permitting activity during the third quarter of 2020 was higher in some categories and lower in others over the same period in 2019, as shown in the summaries below. Those summaries show, relative to the third quarter of 2019, a 16% increase in permit applications, a 3% decrease in permits issued and a 5% decrease in exempt permits issued. Despite fewer approved permits, contractors remain busy.

<table>
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<tr>
<th>Action Name</th>
<th>Year</th>
<th>1/1 - 3/31</th>
<th>4/1-6/30</th>
<th>7/1 - 9/30</th>
<th>10/1 - 12/31</th>
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<td>Permits Issued</td>
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<td>1593</td>
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<td>New Permits Issued (Non Exempt)</td>
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<td>641</td>
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<td>Well Constructed Recd</td>
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<td>724</td>
<td>1020</td>
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<td>Pump Installed</td>
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<td>308</td>
<td>261</td>
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(TWG Report Continued on page 21)
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Well Inspection Program

Budget restrictions have not curtailed the ability of inspectors to travel. To comply with the recommendations of the audit, inspectors are traveling all over the state, including Division 7. Well inspectors currently assess BOE Policy 2020-1 Overall Risk Values manually but will transition to an electronic system in the future. Inspectors are finding minor violations such as improper containment of well discharge and failure to meet minimum grout intervals.

The DWR is currently requiring advance notice only for high-capacity wells in Division 3, though the requirement will be expanded in the future. In Divisions 4 - 7, the DWR currently requires advance notification on about 50% of permits. Compliance rate is unclear, but it appears that advance notification is not occurring for some wells.

Continuing Education

The current rule regarding continuing education will be made a policy. This gives the BOE more flexibility to amend the rules for continuing education regarding the number of allowed online hours in response to the COVID-19 pandemic.

Policy and Rule Revisions

The 100% advance notification recommendation of the well inspection audit has not been implemented. The BOE voted against an updated version of Policy 2020-2 that would implement 100% advance notice at the August 3rd meeting. The DWR noted that implementing a future policy from a technological standpoint should not be difficult and they would maintain the ability to identify high-risk wells.

The consensus among TWG contractor members is that 100% advance notice is not necessary to meet the goals of the audit and achieve an effective risk-based well inspection program. Several attendees voiced support for the current advance notice system. One well drilling contractor noted that the notification process was easily completed via phone, though it felt unnecessary for some wells. Several contractors found the proposed 100% advance notice requirement impractical and noted that the burden of advance notice is dependent on the type, size, and service area of a particular business. The DWR noted that advance notice is required for new installations rather than service tasks and that advance notice could improve inspector efficiency. It is unclear how the audit committee will view a policy of less than 100% advance notice. The advance notice issue was tabled by the TWG for further discussion by the CWWCA Board. The audit committee will meet again in December.

(TWG Report Continued on page 23)
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DWR Forms

New e-forms will be available in early 2021. Contractors will be required to pick an aquifer from county aquifer lists which were recently compiled. The license renewal packet will remain the same for 2021 and will change to TurboTax-style in 2022. License renewal payments are now submitted through the DWR’s online payment portal. Contractors will receive an email invoice after submitting their license renewal application that can be paid via eCheck or credit/debit card.

Non-tributary Rules

The DWR is in the process of rewriting the state non-tributary rules. A hearing is scheduled for January 20th. The draft rules are available for public review at the link below: https://www.dora.state.co.us/pls/real/SB121_Web.Show_Rule?p_rule_id=8682

Unlicensed Contractors

The DWR’s definition of an unlicensed contractor includes anyone not licensed by the BOE including both pop-up outfits and individuals working outside of their licensed authority. However, the BOE is not authorized to prosecute unlicensed contractors. Cases are handled by the Attorney General’s Office, which is currently very busy. The DWR reports that three individuals are currently under investigation for performing work without a license. It appears that law enforcement may have the ability to enforce laws against unlicensed contractors.

Future Topics
DWR Update
DWR Forms
Unlicensed Contractors
Well Inspection Bill Updates

Respectfully submitted by John Shuler

What happens if an employee tests positive?

Mike Temple of GeoWater Services and Fred Rothauge of Hydro Resources would like to share their company policies and procedures on protecting employees and clients from COVID-19. The best way to protect your organization and slow down the spread in our community is to be well educated and properly prepared. We hope these are helpful to your company to keep your employees safe.

Please see pages 24-26 for Hydro Resources COVID-19 Procedures and pages 27-30 for GeoWater Services/Return to Work Procedures.
Coronavirus Disease 2019 or COVID-19 is caused by the SARS-Co-2 virus. COVID-19 is a respiratory illness that can spread from person to person. To reduce the impact of COVID-19 outbreak conditions it is important to plan, identify risk, and to determine any appropriate control measures to implement.

All employees are to remain alert to changing outbreak conditions, including as they relate to community spread of the virus.

Supervisors are to assess the hazards which workers may be exposed; evaluate the risk of exposure; and select, implement, and ensure workers use controls to prevent exposure. Controls should include:

1. **Effective Practices**
   - All individuals are to undergo daily screenings for potential presence of COVID-19 upon arrival to the facility office or worksite by having temperature checks
   - Employees and other individuals are to maintain at least 6 feet separation from other individuals, when feasible
   - Consider the use of cloth face coverings at the facility or on the worksite, as feasibly possible and as long as the covering does not create additional hazards
   - Frequently wash hands with soap and water for at least 20 seconds. When soap and running water are unavailable, use an alcohol-based hand rub with at least 60% alcohol.
   - Always wash hands that are visibly soiled.
   - Avoid touching eyes, nose, or mouth with unwashed hands
   - Practice respiratory etiquette by covering coughs and sneezes
   - Avoid large groups and enclosed areas especially when others are not practicing effective measures such as wearing a face covering
   - Employees are to stay home if feeling sick or known close contact with a person who is lab confirmed to have COVID-19

2. **Working Remotely**
   Supervisors should assess whether employees can efficiently and effectively work remotely. When working remotely, normal schedules should be maintained. Office functions associated with a project should be accomplished where proper social distancing can be maintained to the maximum extent possible (i.e. using a laptop on a jobsite from a work truck vs. a doghouse or pump trailer)

3. **Social Distancing**
   Alter workspaces to help workers and customers maintain social distancing and physically separate employees from each other and from customers, when possible.
   - Increase physical space between employees in the office and at worksites by modifying the workspace whenever possible
   - Consider using signs or visual cues such as decals or colored tape, placed 6 feet apart, to indicate where to stand when physical barriers are not possible
   - Close or limit access to common areas where employees are likely to congregate and interact
   - Whenever possible virtual or phone conferencing should replace face-to-face meetings
   - Discourage workers from using other workers’ phones, desks, offices, or other work tools and equipment, when possible
   - Prohibit handshaking

4. **Identify & Isolate**
   Prompt identification and isolation of potentially infectious individuals is a critical first step in protecting workers, visitors, and others at facilities and the worksite.
   - Symptoms will include a temperature at or above 100.0 degrees, chills, headache, difficulties breathing, runny nose, sneezing, cough, sore throat, diarrhea, loss of taste or smell, nausea/vomiting
Individuals who have slightly elevated temperatures above 100.0 and have been exposed to increased outdoor activities or temperatures, or due to wearing PPE (i.e. hardhat) may wait a period of time, 10 - 15 minutes, then undergo a second screening. If the individual's temperature remains elevated at 100.0 or above, the individual is to return home.

Do not allow employees or contractors with new or worsening signs or symptoms listed above to return to work until:

In the case of an employee or contractor who was diagnosed with COVID-19, the individual may return to work when all three of the following criteria are met:

1. At least 3 days (72 hours) have passed since recovery (resolution of fever without the use of fever-reducing medications)
2. The individual has improvement in symptoms (i.e., cough, shortness of breath)
3. At least 10 days have passed since symptoms first appeared

In the case of an employee or contractor who has symptoms that could be COVID-19 and does not get evaluated by a medical professional or tested for COVID-19, the individual is assumed to have COVID-19, and the individual may not return to work until the individual has completed the same three-step criteria listed above.

If the employee or contractor has symptoms that could be COVID-19 and wants to return to work before completing the above self-isolation period, the individual must obtain a medical professional’s note clearing the individual for return based on an alternative diagnosis.

Anyone who has been in contact with another individual suspected of or diagnosed with COVID-19 are to:

- Be moved to a location away from coworkers, clients, and other visitors and with a closed door, or placed in a vehicle
- Take steps to limit the spread of the individual's infectious respiratory secretions, including by providing them a facemask and asking them to wear it, if they can tolerate doing so.

**Note:** A surgical mask on a sick person should not be confused with PPE for a worker; the surgical mask acts to contain potentially infectious respiratory secretions at the source (i.e., the person's nose and mouth).

Isolated individuals are to leave the worksite and/or facility as soon as possible. Depending on the severity of the isolated individual's illness, he/she are to return home or seek medical care on their own. However, emergency medical services is to be provided for extreme cases.

**Note:** Taking a worker's temperature is completed in addition to and not a substitution for required health and hygiene and requirements by local, state, and federal authorities.

### 4.1 Notification of Elevated Temperatures

- Immediate notification is to be provided to the location General Manager and Regional Safety Professional if any individual is identified with an elevated temperature at or above 100.0 degrees.
- When individuals are identified with an elevated temperature while on a worksite, immediate notification is to be provided to their Supervisor and the Project Manager.

### 5. Cleaning & Disinfecting

Work areas should be carefully evaluated whether these were occupied by people suspected to have the virus and may have contaminated surfaces, and whether they need to be decontaminated in response.

Operating workspaces should continue with a routine cleaning and other housekeeping practices in all facilities and worksites. An EPA-registered disinfectant with a label that claims to be effective against SARS-CoV-2 should be used. Routine cleaning and disinfection procedures including using cleaners and water to pre-clean surfaces before applying an EPA-registered disinfectant to frequently touched surfaces or objects for appropriate contact times as indicated on the product’s label.
5.1 Restrooms & Sanitation Units
- Restrooms and sanitation units should be inspected twice daily. If running water and soap are unavailable, they are to include alcohol-based hand sanitizer.
- Frequently or as needed, clean surfaces that are dirty using a detergent or soap and water.
- When EPA-approved disinfectants are not available, an alternative solution of 1/3 cup bleach to 1 gallon of water, or 70% alcohol solutions can be substituted. This alternative solution can be used in all areas for disinfecting.
- Use an Aerosol Disinfected, diluted household bleach, or EPA-approved disinfectant (mixed in a sprayer) to clean handles, locks, toilet seat, walls, handwashing stations, etc.
- Refill as necessary:
  - Sanitation unit water tanks
  - Soap/hand sanitizer dispensers, paper towel dispenser

5.2 Common Areas
1. Regularly clean/disinfect surfaces that are frequently touched. Using an EPA-approved disinfectant against COVID-19 will help reduce the risk.
   **CAUTION:** Fumes may be very dangerous to breathe in. Do not mix bleach with any other cleaning products. Wear gloves and other PPE appropriate for the chemicals being used when cleaning and disinfecting. Consult and follow the manufacturer’s instructions for use.

5.3 Frequently Touched Equipment, Gates, Doors, Entrances
Prior to use wipe down controls, seats, handrails, handles, pulls, locks, etc. using household cleaners/disinfectant wipes appropriate for surface cleaning.

6. Training
Train all workers with reasonably anticipated occupational exposure to SARS-CoV-2 about the sources of exposure to the virus, the hazards associated with that exposure, and appropriate workplace protocols to prevent or reduce the likelihood of exposure. Training should include but not limited to:
- Information about how to isolate individuals with suspected or confirmed COVID-19 or other infectious diseases
- How to report possible cases
- When to use PPE
- What PPE is necessary
- How to properly don, use, and doff PPE
- How to properly dispose of or disinfect, inspect for damage, and maintain PPE
- Limitations of PPE
- Training must be offered during scheduled work times and at no cost to the employee

7. Personal Protective Equipment Considerations
- PPE should be selected based on the results of a hazard assessment and workers specific job duties.
- When disposable gloves are used, workers should typically use a single pair of gloves. Change gloves if they become torn or visibly contaminated with body fluids.
- When eye protection is needed, use goggles or face shields. Personal eyeglasses are not considered adequate eye protection.
- After removing PPE, always wash hands with soap and water for at least 20 seconds if water is available. Where water is not available, alcohol-based hand rub is to be readily available.
- Supervisors are to establish, and ensure workers follow standard operating procedures for cleaning PPE, also for maintaining, storing, and disposing of PPE.

**SUPERVISOR CHECKLIST**
- Conduct temperature checks on all individuals prior to first entering a facility or worksite.
- Remind employees wash or sanitize their hands as often. Make hand sanitizer, disinfecting wipes, soap, and water, or similar disinfected readily available to all individuals.
- Remind employees to practice respiratory etiquette by covering coughs and sneezes.
- Have employees maintain at least 6 feet separation from other individuals. Consider the use of cloth face coverings at the worksite if the covering does not create additional hazards.
- Regularly and frequently clean and disinfect any regularly touched surface.
COVID-19 is a rapidly evolving infectious disease caused by a newly identified coronavirus, SARS-Co-2. The virus is most commonly spread between individuals who are in close contact through respiratory droplets and airborne particles.

To mitigate the spread of COVID-19, the CDC continues to release updated recommendations for business operations, and parameters for social distancing. Per CDC guidelines, GeoWater Services has developed policies and procedures to protect our employees and clients from exposure to the 2019 Coronavirus Disease. The best way to protect our organization and slow down the spread in our community is to be well educated and properly prepared.

**Effective COVID-19 Practices**

1. The CDC recommends the use of face coverings to mitigate the spread of COVID-19.
   a. Appropriate facial coverings consist of cloth masks and surgical masks.
      i. Bandanas and neck-gaiters are not effective in preventing the spread of COVID-19.
   b. Masks are only effective when they are worn properly by covering both your nose and mouth.

2. Avoid touching your face, mouth, nose, or eyes.
   a. COVID-19 can be contracted by touching any surface that has the virus on it and then touching your face.

3. Frequently wash hands with soap and water for at least 20 seconds throughout the day.
   a. FDA recommends the frequent use of hand sanitizer with an alcohol content of at least 60%.

4. In general, avoid large groups or gatherings especially when COVID-19 practices are not being followed.

5. Avoid close contact by maintaining 6 feet separation between yourself and people who do not live in your immediate household.

6. Clean and disinfect frequently touched surfaces daily.

7. Closely monitor your healthy daily, and stay home if you are experiencing any COVID-19 related symptoms.

**Guide to Social Distancing in the Workplace**

1. Advise individuals to avoid close interactions and maintain 6 feet apart when possible.

2. Increase the possibility for physical space between employees and customers in the workplace or at worksites. Alter workstations to maintain maximum distance between employees working in office.

3. Avoid physical contact with individuals that are not in your direct household, such as hugging and handshakes.

4. Limit in-person meetings and replace them with phone conferencing.

5. Limit interactions to less than 15 minutes at a time.
   a. The CDC details an interaction that lasts longer than 15 minutes constitutes contact. Limiting interaction time limits potential exposure to COVID-19.

6. Social Distancing precautions should be combined with other preventative practices to reduce the spread of COVID-19.
GeoWater Guidelines for Day-to-Day Office Operations

*All Office Staff Are Encouraged to Follow Effective COVID-19 Practices and Social Distancing Guidelines*

1. Face coverings must be worn at all times, unless seated at your desk.
   a. If someone approaches your desk both individuals must be wearing a mask.
2. Office staff are to remain 6 feet apart at all times, even when near another office members desk.
3. Employees are encouraged to frequently use the hand sanitizer dispensers located around the office.
   a. Please use hand sanitizer before entering the building.
4. No one is to enter any office due to the confined nature of the space, 6 feet is equivalent to the doorway, unless the meeting is regarding a confidential matter.
5. Daily scheduling meetings have been replaced with Zoom conference calls for social distancing purposes.
6. Everyone is to limit contact with the file room, coffee maker, and fridge if possible.
   a. If you need to access this space, there is to be only one individual in the room at a time.
7. Bathrooms are to be segregated to the east and west wings of the office.
8. Everyone must wipe down communal surfaces as they come into contact with them.
   a. This includes bathroom doors and lights, exterior doors, and water cooler.
9. In the morning when you arrive to work, please wipe off your phone, keyboard, and desk as viruses tend to live on these surfaces.
10. Avoid using other employees phones, computers, equipment, and if you are unable to avoid the use of another employees work station, sanitizer before and after use.

GeoWater Guidelines for Normal Day-to-Day Operations for Field Technicians

*All Technicians Are Encouraged to Follow Effective COVID-19 Practices and Social Distancing Guidelines*

1. No two technicians will ride in the same vehicle unless approved by Mike and MaryLynn AND will wear proper face masks
2. Technicians are to drive only their assigned vehicles. The vehicle must be properly sanitized if the driver changes.
   a. For vehicle sanitation the entire vehicle interior must be sprayed and wiped down with a cleaning solution that is at least 70% alcohol per CDC guidelines
3. Shop doors and common surfaces must be sanitized daily.
4. No more than two technicians will be in the shop at any given time, and they must wear masks and maintain 6 feet social distance.
5. If a technician is working indoors, they must wear a mask at all times and minimize customer contact to no more than 15 minutes and at a distance of greater than 6 feet.
6. Technicians working outdoors are not required to wear a mask if they are the only person on site, otherwise a mask must be worn.
7. Keep hand sanitizer and extra facemasks in the center console of the car to ensure safety at all times.

How to Identify & When to Isolate

Self-awareness and early identification of developing illness is critical. Early isolation of potentially infected individuals is paramount in protecting both our employees and clients.

1. Common symptoms for COVID-19 include:
   i. Fever or chills
   ii. Cough
   iii. Shortness of breath or difficulty breathing
   iv. Fatigue
   v. Muscle or body aches
   vi. Headache
   vii. New loss of taste or smell
   viii. Sore throat
   ix. Congestion or runny nose
   x. Nausea or vomiting
   xi. Diarrhea

*All GeoWater Employees are Strongly Encouraged to Get their Flu Vaccine for the 2020-2021 Season*
2. If an employee is experiencing any of the symptoms listed above, they are strongly encouraged to stay home. No GeoWater employee will be permitted to return to work until all of the following criteria have been met.
   a. At least 72 hours have passed since the individual has recovered.
      i. This includes, but is not limited to, the resolution of a fever without fever reducing medication.
   b. At least 10 days have passed since symptoms first appeared.
   c. The employee has confirmed a negative test result with the office.
3. Should anyone in the direct household of an employee test positive for COVID-19, the individual must meet all of the above criteria and the employee must test negative before they are eligible to return to work.
4. Any employee who has tested positive within the last 3 months does not need to undergo the procedures outlined within this section.

**Procedures for When a Member of the Office Staff Tests Positive for COVID-19**

1. Immediately after a positive case of COVID-19 has been confirmed, all office staff will begin working remotely and quarantine for 14 days.
2. All office staff will get tested immediately to determine if any other staff member is a carrier.
3. 24 hours after the office has been vacated, a cleaning staff will deeply sanitize all office surfaces, with an emphasis on common areas.
4. **How to Continue Office Operations**
   a. Office staff will work remotely for the duration of the recommended 14 day quarantine, and may return to work following a negative test result.
      i. All calls will be routed to individual cell phones, BUT we need to determine how to easily transfer calls to dissipate confusion, and diffuse customer frustration with the phone system.
   5. The lab manager will work remotely for all reports and office calls, and report to the office after 5pm to complete necessary lab work.
   6. Unless any staff member had direct contact with a technician who has tested positive, the office will continue to operate normally.

**No office employee will be allowed to return to work without a confirmed negative test result following exposure or a prior positive result**

**Procedures for When a Member of the Field Staff Tests Positive for COVID-19**

**Technician Tests Positive**

1. First, immediately send the technician home. They must implement a two week self-quarantine.
   a. Returning only after the mandatory 14 days per the CDC AND a negative test has been confirmed with the office
2. Any technician that tests positive must immediately provide all of their client contacts for the prior 2 weeks.
   a. These efforts will be coordinated with the office and allow staff to making COVID contact calls within 48 hours of the confirmed test result.

**For All Other Technicians**

3. Other technicians receive **two rounds** of rapid COVID-19 testing.
   a. One test will take place immediately after exposure to a confirmed case.
   b. The second test will follow the standard 14 day incubation timeline.
   c. **If** another technician tests positive in the first round of testing they are to follow the procedure outlined above and quarantine for 14 days immediately.
4. **Only** technicians who have tested negative during the first round of testing, are permitted to work in a normal capacity.
   a. All clients who will have contact with any of our technicians during the 14-day period must be informed of the circumstances two days prior to our visit AND must sign a COVID-19 Waiver.
   b. Technicians working between tests, must wear a mask, a face shield, and gloves **IF** they must enter the property for service.
c. Technicians working outdoors are to wear a mask if the customer is present and/or if another technician is present at the site at all times.

d. Customer contact is to be limited to no more than 15 minutes at a time and at a distance greater than 6 feet.

  i. Customers are required to wear masks if they wish to be on site during jobs.

e. Well Testers and Water Treatment Technicians are to wear gloves, face shields, and masks while inside the property and customers will be instructed to vacate the property during our service.

Field technicians will not be able to return to work without a confirmed negative test result following exposure or a prior positive result.

GeoWater Services is following every precaution and CDC recommendations to ensure the safety of both our customers and staff. Our dedication has always been to provide our customers with the best service possible. We will continue to strive to do our best to ensure this promise is upheld during the unprecedented times brought by this pandemic.

waltonlasergraphics.com/welldrillingcard.html
Seasonal Greeting Cards designed especially for Well Drillers, Water Wells, Water Pumps and Services, Hot Shot Businesses that are funny and colorful and customized.
The last BOE meeting was held on November 2, 2020. The BOE held a rule making hearing to address the inability for the contractor to get the full CE’s in-person. There was no opposition to the new rule so it passed as written, allowing a contractor eight (8) hours of continuing education by on-line participation. The new rule will allow for continuing education credit to be accepted for all of 2020 to January 31, 2021 and for the future the board will be able to make policy changes to the number of hours allotted for on-line course work in the years to come. The courses still have to be approved in the same manner as before and you can still only receive credit for three (3) hours of safety, CPR, and first aid. The other five (5) hours must be directly related to the industry of pump installation or drilling. The BOE has approved 50 CE courses including 32 online courses so far this year. The new rule reads as follows:

**Rule 8. Continuing Education**

8.1 Every contractor who is licensed by the Board to contract for the construction of water wells and/or for the installation of pumping equipment and cisterns, or who holds a special license from the Board must complete, annually:

a. eight (8) hours of continuing education training at programs or courses accredited by the Board.

b. the Board, in conjunction with the CE Committee, will determine through policy the number of hours of approved continuing education that can be obtained by internet or online participation.

c. no more than three (3) out the eight (8) hours of approved continuing education can be obtained from safety, CPR, First Aid, or other safety-related training.

d. Due to significant limitations on the ability of people to meet in person due to the COVID-19 pandemic, all hours of accredited continuing education taken by internet or online participation from January 1, 2020 through January 31, 2021, may be used to obtain the required hours of continuing education. This Rule 8.1d. is repealed effective February 1, 2021, unless further extended by emergency or permanent rule.

I think we all are thankful for this during these unprecedented times. I would like to thank the board, staff and the ag office for making this happen in such a timely manner.

The well inspection program is hard at work inspecting well construction. The inspectors did inspect 314 wells so far this year with some of them making several trips. They were able to be present for 338 key phases. I don’t think we will see any additional funding for well inspectors with the current state budget shortfalls. This means they are still working with only the Chief Well Inspector and two field inspectors.

There are currently 242 licensed contractors and 10 contractors in lapsed status as of 10/20/2020.

The state is also looking at form GWS-68 "Statement of Historical Use" to try to keep illegally constructed wells from being falsely permitted by people filling out the form under false pretense. They will be looking at it again in February of 2021.

There is still an issue with drillers constructing wells in an improper manner due to lack of understanding of the aquifer. The chief well inspector says it is getting better as the drillers learn the differences. It should be noted that you can ask the state to give you the aquifer type. If you have any question on the geology around your well site I definitely would ask. Unfortunately, most of these wells have to be reconstructed as the annular space is not large enough to grout to code.

The 100% notification from the legislative audit committee is still an issue and needs to be resolved. With the election the chair and vice chair of the committee will be new as the current ones are term limited, so we will have new eyes on the issue. This coincides with the Board of Examiners sending a letter explaining their position and reasoning on why it is not practicable to do 100% advanced notification. There will be a special board meeting to address and approve the letter in the near future. Joe Meigs is working with the CWWCA lobbyist, Richard Brown, to draft a letter from the CWWCA to support the BOE as well in its efforts to keep 100% notification out of policy/rules. Hopefully with these letters along with the testimony of the state engineer and staff will put this issue to bed with the new committee. Unfortunately, it is politics so it is anyone’s guess as the results.

If you have any further questions about this meeting or things discussed please don’t hesitate in contacting me.

John O’Brien
Pump installer at large / CWWCA BOE Liaison
John@waterwell.cc
303-442-1911
SECTION 1: PERSONAL INFORMATION

Name ___________________________________________ Today’s Date ______________________

Address ___________________________________________

City ___________________________ State _______________ Zip Code ______________________

Parent’s Cell Phone ___________________________ Student’s Cell Phone ______________________

Parent’s Email ___________________________ Student’s Email __________________________________

SECTION 2: ACADEMIC INFORMATION

High School Name ___________________________ Graduation Date _______________

High School Address, State, Zip Code ___________________________

High School Field of Study or Area of Interest _______________

University/College/Trade School Name ___________________________

College Address, State, Zip Code ___________________________

Current or Anticipated Field of Study or Degree Program ___________________________

SECTION 3: SPONSOR

CWWCA Member Sponsor’s Name ___________________________ Relationship to Applicant _______________

Sponsor: I have reviewed this application and confirm that this information is accurate to the best of my knowledge.

Sponsor’s Signature ___________________________ Date ______________________
SECTION 4: REQUIRED DOCUMENTS

TO MAIL
BY MARCH 31ST
Your completed application
Your most recent official academic transcript
**Incomplete applications and unofficial transcripts will not be accepted**
A minimum of two current written recommendations from individuals that are not direct family members
BY JANUARY 21ST - Your official transcript of the year following receipt of scholarship funds

TO EMAIL
BY MARCH 31ST
An educational and career goals statement - a one page, single sided essay, 200 words minimum, in a WORD DOCUMENT, labeled with your name, emailed to execdir@cwwca.org
A recent photo of yourself emailed to execdir@cwwca.org

BY DECEMBER 1ST - A short one minute JPEG video of yourself, explaining how the scholarship has helped you and your academic success, emailed to execdir@cwwca.org Feel free to have fun with this video. We need your video by December 1st of the year awarded funds to help raise further funds for the Buck Lively Scholarship Fund at the CWWCA Annual Conference in January
BY JANUARY 21ST - A concise, mid-year progress report, no more than two paragraphs, in a WORD DOCUMENT, labeled with your name, emailed to execdir@cwwca.org

COMPLETE APPLICATIONS MUST BE POSTMARKED AND RECEIVED BY MARCH 31ST

CWWCA Buck Lively Scholarship Fund
P.O. Box 929, Indian Hills, CO 80454-0929
Phone: 720-244-8024
Email Colleen Schneider: execdir@cwwca.org

I, _______________________________, as an applicant for the CWWCA Buck Lively Scholarship Fund, attest that the information provided in this application, and all submitted attachments are accurate and true to the best of my knowledge.

_________________________________________                                     _____________
Applicant’s Signature                                                                                    Date
Power Line Safety

Avoid shock from above-ground and underground cables

Each year, water well employees are hurt on the job because they fail to be cautious when working near power lines. Electricity—whether above-ground or underground—is a powerful force, and using caution is the best way to avoid injury or death.

Risky Activities

You are especially at risk of coming into contact with live cables overhead and underground when you are using hand tools, cutting into service ducts, trenching and using tools such as mechanical excavators, jackhammers or concrete saws.

Safety Tips

Follow these safe digging practices to avoid the risk of electric shock or risk of damage to very expensive equipment:

- Always assume there are more cables present than have been located. In other words, dig with care even when you’ve used the One Call system to locate underground lines and cables.
- Do not use hand-held power tools or excavators close to underground cables.
- Before using a drill rig in the vicinity of cables, dig trial holes using hand tools to verify the position and depth of buried cables.
- Always use insulated hand tools, especially when digging near cables; HOWEVER, note that even insulated hand tools that are covered in dirt or debris can become conductors of electricity.

- Wear the proper personal protective equipment (PPE)—including gloves—to give added protection against shock.
- Treat any cable you find as a live cable until proven otherwise.
- When cables are exposed while digging, take protective measures to ensure they do not become damaged during the course of your work. Achieve this by covering the exposure with items such as timber boarding or sand bags.

Emergency Procedures

Talk with your employer or supervisor about the proper emergency procedures in case of accidental contact with live underground power lines.
2021 CWWCA Membership Renewal

It is that time of year to consider your membership with CWWCA. Your membership dues are essential to keeping CWWCA funded for those in our industry.

**Why your membership matters:**

**Information:** CWWCA keeps you informed of new industry and regulatory issues through the quarterly Drillstem and email updates.

**Education:** CWWCA’s Annual and Mid-year conferences provide Colorado-focused classes on drilling and pump technology, geology, safety, business and regulatory compliance.

**Advocacy:** CWWCA interacts with State representatives and State staff on issues important to the water well industry making sure that issues important to our industry are lobbied.

**Networking:** CWWCA provides a single point network to the important vendors providing materials and services to our industry as well as a great conduit to keep in touch with your fellow drilling and pump contractors.

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**We have two easy options to renew.** Complete the enclosed application (located on page 37) and mail in with a check or you can visit our website at [http://cwwca.org/](http://cwwca.org/) to update your membership dues. Check out page 9 to get registered for the Annual Conference!

**Please return your remittance and completed membership form to:**

CWWCA  
P.O. Box 929  
Indian Hills, CO 80454-0929  
Phone: 720-244-8024  
Fax: 720-244-8024  
Email: execdir@cwwca.org

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Mike Wiedorn - 303.549.1945

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Bryan Beckner - 970.332.5834

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LOYBLYIST
Richard Brown
Mobile: 303.601.9254
Phone: 303.695.6388
E-mail: dickscuba@gmail.com

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Jason Fegel - 303.552.3772
Vicki Wagner - 970.848.3846
CWWCA MEMBERSHIP APPLICATION—2021
P.O. Box 929, Indian Hills, CO 80545.0929

I. CONTACT INFORMATION

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II. WOULD YOU LIKE YOUR NAME LISTED ON THE WEBSITE?
CIRCLE ONE... YES OR NO

III. WOULD YOU LIKE TO RECEIVE A PRINTED QUARTERLY DRILLSTEM NEWSLETTER?
CIRCLE ONE... YES OR NO

IV. The CWWCA Buck Lively Scholarship Fund is recognized as tax-exempt under the 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 $________

V. PLEASE CHECK THE APPROPRIATE MEMBERSHIP CATEGORY

- 1. Drilling Contractor $198.00
   (Owner or manager of a well drilling business)
- 2. Pump Installation Contractor $198.00
   (Owner or manager of a pump installation business)
- 3. Drilling and Pump Installation Contractor $198.00
   (Owner or manager of both businesses)
- 4. Associate $198.00
   (Any person or firm engaged in the manufacturing or selling of equipment services for the water well industry)
- 5. Technical $115.00
   (A hydrologist, geologist or engineer involved in teaching, research, consulting; or government services concerned with the ground water industry)
- 6. Retired $50.00
   (Retired members wishing to retain membership privileges)
- 7. Affiliate $50.00
   (Professionals having an interest in the water well industry)
- 8. Employees $60.00
   Employees of paid members---$60.00 per employee, please list each name)
- 9. Student $20.00

VI. UPGRADE MEMBER LISTING ON THE WEBSITE $50.00

VII. PLEASE NOTE, THERE IS A $7 CONVENIENCE FEE FOR CREDIT/DEBIT CARD PAYMENTS

TOTAL – THANK YOU! $________

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

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Canfield Drilling Company
P.O. Box 519
Fort Morgan, CO 80701
Phone: 970.867.2943
Fax: 970.867.0313
e-mail: joelcanfield@canfielddrilling.com

VICE-PRESIDENT
Eugene Wagner  District 6
Quality Irrigation, Inc.
P.O. Box 420
Yuma, CO 80759
Phone: 970.848.3846
Fax: 970.848.5115
e-mail: genew@qualityirrigation.com

SECRETARY-TREASURER
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

PAST PRESIDENT
Fred Rothauge  District 5
Hydro Resources Rocky Mountain, Inc.
13027 CR 18
Ft Lupton, CO 80621
Phone: 303.857.7540
Fax: 303.857.3826
e-mail: frothauge@hydroresources.com

DIRECTORS
Peter Berglund  District 1
Arrow Drilling Company
2127 Elderberry Rd
Golden, CO 80401
Phone: 303.421.8766
e-mail: arrowdrilling@gmail.com

Brad Himes  District 2
Artesian Services Inc
PO Box 3202
Grand Junction, CO 81502
Phone: 970.245.2275
e-mail: brad@artesianservices.com

Bruce Hier  District 3
Hier Drilling Company
P.O. Box 250
Castle Rock, CO 80104
Phone: 303.688.3012
Fax: 303.660.0327
e-mail: bhhier@msn.com

Larry Finney  District 4
Finney Drilling and Excavating
2205 N. 5th St.
Cañon City, CO 81212
Phone: 719.371.0396
Fax: 719.275.7685
e-mail: larry.finney@bresnan.net

John Taylor  District 5
Hydro Resources Rocky Mountain, Inc
13027 CR 18, Unit C
Ft Lupton, CO 80621
Phone: 303.945.8752
Fax: 303.857.3826
e-mail: jtaylor@hydroresources.com

Mike Temple  District 6
GeoWater Services
P.O. Box 2224
Evergreen, CO 80438
Phone: 303.670.3348
Fax: 303.674.2849

DRILLER AT LARGE
Bryan Beckner
Wellstone Inc., LLC dba
Twiss & Wilson Drilling
36611 U.S. Highway 385
Wray, CO 80758
Phone: 970.332.5834
Fax: 970.332.5877
e-mail: bryan@wellstoneco.com
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PUMP INSTALLER AT LARGE
John O’Brien
Boulder Water Well
1901 S. 120th ST., Suite A
Lafayette, CO 80026
Phone: 303.552.3772
e-mail: john@waterwell.cc

SUPPLIER DIRECTORS
Mike Wiedorn
2M Company
3300 W 134th Ave
Broomfield, CO 80020
Phone: 303.5549-1945Fax: 303.320.4635
e-mail: mwiedorn@2mco.com

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

SPOUSE DIRECTOR
Vicki Wagner
P.O. Box 420
Yuma, CO 80759
Phone: 970.848.3846
e-mail: vkwagner@gmail.com

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

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

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January 14-15, 2021

We need your support and look forward to your participation!

We look forward to “Seeing You”