Thank you to all Mid-Year Conference Suppliers and Speakers for your support!

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2019 CWWCA Annual Conference
January 9-11, 2019

Denver Marriott Tech Center
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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.

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Help wanted ads will not be published.
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Please be sure to include all borders in the given dimensions (width x height) at 600dpi.
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SEND PAYMENT TO:
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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

October 19, 2018
CWWCA Board of Directors Meeting

October 19, 2018
TWG Meeting

November 5, 2018
Board of Examiners Meeting

September 26, 2018
Well Inspection Program Audit and Map Viewer Training

December 3-6, 2018
Groundwater Week

January 9-11, 2019
CWWCA Annual Conference

January 11, 2019
CWWCA Board of Directors Meeting

Chase Bank Building - Englewood
Chase Bank Building - Englewood
1313 Sherman St. Room 814 - Denver
1313 Sherman St. Room 814 - Denver
Las Vegas Convention Center - Las Vegas, NV
Denver Marriott Tech Center - Denver
Denver Marriott Tech Center - Denver
3rd Quarter President’s Report

It’s been a busy few months. The summer heat is on, and the minimal precipitation has created some very dry conditions. The demand for reliable water is high. On the western slope we’ve seen firsthand impacts from water shortages. Certain areas are left without irrigation water and a few historic wells have experienced dwindled production. The largest effect I’ve witnessed has been to natural springs. Our area could see one of the hottest summers on record and combined with the lack of precipitation, the springs are severely impacted.

The best place to be in July was at the Mid-Year in Breckenridge. A few afternoon showers coupled with the cooler temperatures was a refreshing relief. Inside the conference, we welcomed some new suppliers and the educational sessions were diverse and of great quality. We’ll be back in Breckenridge next July for another great time at Mid-Year.

The program committee is already piecing together speakers and topics for the Annual Conference in Denver. The Denver Marriot Tech Center was a great change of venue this year and we look forward to building from that success in January 2019. Mark your calendars, the Annual Conference will be January 9th-11th, 2019. Hope to see everyone there.

With things being so busy, I have limited time to compose this letter, just as I’m sure the rest of you have limited time to read it! Thank you everyone for your continued membership and support of the CWWCA.

2018 CWWCA President
Brad Himes
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Well Inspection Program Audit and Map Viewer Training

The Colorado Office of the State Auditor (OSA) has started an audit of the Water Well Inspection Program. For more information please contact:

Office of the State Auditor  
State Services Building  
1525 Sherman St. 7th Floor  
Denver, CO 80203  
303-869-2800

Chris Brown, GIS Coordinator at DWR, will hold a Map Viewer training geared towards the Water Well Contractors and their employees. The training will be held in Room 814 of DWR (1313 Sherman St, Denver CO) and online from 1:00 to 3:00 pm Wednesday September 26.

To RSVP please follow the link below.

https://goo.gl/forms/vqdoVagIHIWv9fac2
Donald LeRoy Eastwood, 82, of Deer Trail, CO passed away on July 21, 2018 at University Hospital. Don was born April 19, 1936 to Lawrence and Kathileen Eastwood in Stapleton NE.

Don married Louise Brown Hollingsworth on April 21, 1956. Four children were born to this union: David Eastwood (Margie) of Deer Trail, Lori Eastwood Trujillo of Deer Trail, Sandra Beaulieu (Larry) of Bennett and Jeffrey Eastwood (Deanna).

Don and his brother, Frances, went into the Water Well business in 1971 and moved to Limon, CO. Eventually Don Eastwood Drilling would move to Deer Trail, CO where he continued his business and live out his days until the time of his passing.

Don later met and married Linda Jeffries. Don raised Linda’s three sons: Shaun, Gary and Randy Jeffries as his own.

Don loved being at his mountain cabin in Victor Colorado. Don never really met anyone he didn’t like. He was a kind, loving and generous man.

Don looked forward to helping out during the Deer Trail Rodeo every year, and he also headed up the Rocky Mountain Oyster Fry sponsored by the Elks Lodge. He was a member of the Deer Trail Elks Lodge for over 42 years and during that time, he was the Exalted Ruler on three separate occasions.

Don believed in giving back and in that spirit he agreed to be an Organ Donor.

Don is survived by wife Linda, children David, Lori, Sandra, Jeff and Brother Willie (Mary Pat) of Greeley and Sister Millie (Russell) of Ogallala, NE.

He also leaves behind Grandchildren Michael Eastwood (Michelle), Michelle Eastwood Sell (Tim), Melissa Steerman (Chris), Jeremy Eastwood, Kurtis Eastwood (Jennifer), Randy Trujillo, Amanda Jeffries and Dillon Jeffries. Great Grandkids Alexis Cales, Anthony Cales, Isabelle Eastwood, Emma Hemmit, Brendon Eastwood, Michael Eastwood, Paislee Eastwood, Brayden Eastwood, Layton Steerman, Macee Steerman, Zeke Jeffries, Hayly and Kyle Jeffries, Great Great Grandson Hayden and many nieces and nephews.

Don was preceded in death by his parents, brothers Raymond (Buddy) and Frances and nephew Dennis Eastwood.
BOE BOARD MEETING REPORT

BRUCE HIER
HIER DRILLING CO
P.O. BOX 250
CASTLE ROCK, CO 80104

August 16, 2018

Re: BOE Board Meeting August 6, 2018

To Whom It May Concern,

Theresa Jehn-Dellaport has term limited out from the BOE. We would like to thank her for her time and efforts while on the Board, as well as being Chairman, especially through the latest Rules process.

Chris Sanchez from Bishop & Brogden has taken her place. Welcome, Chris!

O.G. Blouin was elected Chair, and Keith Branstetter was elected to the Vice-Chair position. Congratulations!

At this time, there are 236 licensed Contractors.

The audit of the Inspector Program has been approved. We still have no indication of when it might commence.

There was a request from a family from the Firestone area for a variance from Rules concerning casing diameter minimum being 4.5” ID, for a replacement well in the Laramie/Fox Hills aquifer. It seems that the pump is stuck in the well. Estimates to replace the well are upwards of $80,000. I guess adequate savings can be accomplished with smaller diameter casing.

They were also represented by Joe Bender, Ground Exploration and Rep. Lori Saine.

After a fairly contentious and lengthy discussion, in which the lack of inspectors was certainly a large part, the variance request was denied. Basically citing the fact that a part of the reasoning for larger diameter casing might help to avoid the situation they are in presently.

The Board was thanked for their time and for the opportunity to air their grievance. Rep. Saine said that she would do what she could to assist in getting the Inspector Program some assistance at the Legislative level.

Then, they actually met with the Water Resources Review committee, and plead their case there.

I have some rumors of what the goals of this are, but have no hard facts, so…. to be continued…

Thank You,

Bruce Hier
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After a quiet early summer, we had two developments of interest in early August. In one sense, the developments are independent of each other. In another sense, they do have a relationship. Both came to light during the August 6 & 7 meeting of the Water Resources Review Committee at the Capitol. The link between the two is the water well inspection program.

On August 6, State Engineer Kevin Rein made a presentation to the WRRC that was to be an update about the water well inspection program. He was scheduled to be the last presenter that day and was allocated 20 minutes on the agenda.

However, events from earlier in the day changed his presentation.

That morning, a family from the Firestone area (the Whitings) appeared before the Board of Examiners to seek a variance from the well construction standards for a well that services their home. Mr. Rein began his presentation with an account of the BOE meeting and the request by the Whitings. Mr. Rein indicated that he felt it was important for the committee to be aware of the Whitings’ request. It does not appear that Mr. Rein participated in the BOE meeting and that his information was based upon reports that he had received.

Legislative interim committee meetings are broadcast on the Internet and they are recorded for archival purposes. They are available to the public at no charge and can be accessed through the web site of the General Assembly. Further on, there will be Information on how to access the link to the presentation.

I should note that I was not present at the BOE meeting, so my information is generally 3rd hand. However, two of our CWWCA members are members of the BOE and were participants in the discussion with the Whitings.

According to Mr. Rein, the Whiting family had experienced problems with their water well and as a result of those problems the well could not be saved. That caused the Whitings to begin the process of having a new well constructed. The cost of constructing a new well would, according to the Whitings, impose a significant financial burden on the family. Their purpose in addressing the BOE was to seek a variance or some relief from the well construction standards that would in turn reduce the cost. After lengthy discussion, the BOE declined to grant the variance.

The reason that this discussion at the BOE is of interest is because of the second development.

The Whitings are constituents of Rep. Lori Saine. Rep. Saine is a member of the WRRC and is known to work very hard for her constituents. Rep. Saine brought the Whitings to the WRRC so that they could share their story and difficulties with the full committee. They did make a presentation, but it was after Mr. Rein had concluded his remarks and their presentation will be returned to further on.

Mr. Rein was at a distinct disadvantage in making his remarks concerning the Whiting situation. He had not had time to thoroughly prepare to the extent that he customarily does. That observation should not be taken as a criticism, this was an unusual set of events with incomplete information. There was a considerable amount of

(Continued on page 10)
discussion between the committee members and Mr. Rein which, unfortunately, introduced some misinformation into the discussion.

One of the committee members, for example, asked whether the State of Colorado was denying the Whitings a well permit to secure the water they needed for their home. Mr. Rein then walked the committee through the well permitting process and assured the committee that the State had not denied them a well permit to reconstruct their well. From the discussion it was clear that the Division of Water Resources had been attentive to the situation and had worked with the Whitings to resolve their problem. There is more to the discussion that can be heard on the tape.

As the discussion of the Whitings’ situation petered out, Mr. Rein asked whether the committee still was interested in his presentation concerning the well inspection program. They were, and he commenced the presentation that he was prepared to make.

He gave a brief overview and a condensed history of the program. It was generally accurate, but since it was intended to be a summary it did not go into detail on some issues that the CWWCA feels are important. Mr. Rein did say that the program was understaffed and hastened to note that he had been working with the CWWCA to seek remedies to the chronic understaffing problem. He also noted that the CWWCA had requested a financial and performance audit of the program. Mr. Rein noted that the audit was underway but did not discuss it any further. The audit is under the authority of the State Auditor and the Legislative Audit Committee.

Mr. Rein then referred to the actual inspection program. He noted that it was the practice of the DWR to inspect only a percentage of the wells – I seem to remember that he mentioned that about 12% of the wells were inspected. Mr. Rein indicated that he believed that this sampling protocol was what the legislature had in mind when it enacted the program through SB03-045 in 2003. He reported that well permit activity had dropped considerably from a high number at around the time the program was established and had remained consistent since. He did, however, acknowledge that the program was understaffed and that more staff would be helpful.

Mr. Rein then turned to the financing of the program, which prompted some confused dialogue with the committee. The committee got confused about the amount of the fee and what its purpose is. It took some explanation to clear the confusion that the fee was actually a two-part fee. One part for the actual well permit and a second part that is dedicated to the inspection program. Mr. Rein reported that there had been discussions internally with the budget staff for the Department of Natural Resources that perhaps a solution to the funding could be found in making the program a General Fund supported program rather than relying on fees. At that point, the discussion drifted off onto other topics without further elaboration on the budget issues.

Following Mr. Rein’s presentation, Rep. Saine introduced Mr. and Mrs. Whiting. Rep. Saine gave a brief introduction and indicated that she had conversed with Senators Cooke and Sonnenberg as well as the State Engineer about the situation. Mr. and Mrs. Whiting made their comments and explained the history of the well problems. They were quite engaging and articulate, very matter of fact. They explained how the expense of a new well would be a real financial burden on their family. It was clear that the committee members and the DWR were interested in their situation and wanted to find some way to help them – and presumably others in similar situations.

(Continued on page 11)
Several things became clear during the discussions among the committee members, the Whitings and Mr. Rein. The first was that their well had been constructed in 1989 (or thereabouts) and that its construction predated the establishment of the well inspection program and the adoption of the well construction standards. The obvious question was whether more inspectors would have prevented the failure and the equally obvious answer was that since the well predated the program and had been in operation for many years the number of inspectors was not relevant.

The second was that Rep. Saine indicated that she would be interested in sponsoring legislation in 2019 to address the issue of the cadre of inspectors. She did not indicate what might be contained in such a bill since she is still researching the issues. It should be noted that Rep. Saine is a member of the Legislative Audit Committee and she will be privy to the work of the State Auditor as she reviews the well inspection program.

The WRRC met again the next day (August 7). That meeting focused on committee members making requests for bills to be drafted by the Legislative Legal Services staff. Staff must prepare the drafts, get them back to the committee and release them publicly in September in order to meet the logistic deadlines of bill preparation.

Rep. Saine was excused and not in attendance on August 7. She asked the committee through Rep. Arndt (chairman) for permission to have the staff prepare a bill draft. However, she did not provide any detail of the concept to Rep. Arndt to share with the committee. Without some sense of what might be in the bill and without Rep. Saine present to provide clarity, the committee did not approve her request for a bill draft to be prepared. That does not mean that she cannot introduce a bill in 2019. It just means that it cannot come through the WRRC.

Even though nothing specific came of the WRRC discussion, the inspection program has gotten some attention that had eluded us in the past. If you remember, Joe and I made a presentation on the program to the WRRC in 2016.

Since Rep. Saine has shown an interest in the program, we are discussing inviting her to a CWWCA board meeting to discuss options and serve as a resource for her.

As noted in a preceding section, Mr. Rein’s remarks and those of the Whitings were recorded and the recording is available on the WRRC web site. I have included a link below – since it might not work, I will follow it with step-by-step directions on connecting. It is worth your while to listen to the tape:

https://leg.colorado.gov/committee/granicus/1221111

If the link doesn't work, go to the legislature’s web site at https://leg.colorado.gov/

On the home page, you will see a menu and one of the items is “Committees”. Scroll over that item and click on the first selection on the drop-down box.

Scroll down the list of committees to “Interim Committees” and select Water Resources Review Committee.

In the upper right-hand corner, there is a link to Committee Audio – click it.

That will open a page that says, “Listen to the Committee.” You are on the right page.

There are selections for various meetings, just select August 6 and click on Audio. In the left pane, you will see the link to Kevin’s presentation. You will want to listen to that and you will want to listen to public testimony for the Whitings.
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Madison Swanson
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763.592.8670
madison@drillpipeinc.com

Dynotek, LLC
Jim Butler
13931 West 54th Ave
Arvada, CO 80002
303.947.4202
dynotekjb@gmail.com

Flomatic
Trey Maples
3950 Nome St, #G
Arvada, CO 80239
303.371.1800
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Franklin Electric
Randy Woodland
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Assured Partners/
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Steve Smith
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Ft Collins, CO 80525
970.223.1804
Steve@frig.net

Cotey Chemical Corporation
Dawn Hatley
4410 MLK Blvd
Lubbock, TX 79408
800.457.9096
dawn@coteychemical.com

CPS Distributors
Dennis Kimsey
1105 West 122nd Ave
Westminster, CO 80234
303.394.6040
kimseyd@cpsdistributors.com

Drill Pipe, Inc
Madison Swanson
550 3rd St South
Winsted, MN 55395
763.592.8670
madison@drillpipeinc.com

Dynotek, LLC
Jim Butler
13931 West 54th Ave
Arvada, CO 80002
303.947.4202
dynotekjb@gmail.com

Flomatic
Trey Maples
3950 Nome St, #G
Arvada, CO 80239
303.371.1800
Tmaples@maplesales.com

Franklin Electric
Randy Woodland
625 Wadas Ct
Johnstown, CO 80534
970.371.1275
rwoodland@fele.com

2016 CWWCA President, Keith Branstetter and Ron Spencer of The Mountain States Co.

2018 CWWCA President, Brad Himes

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(Continued on page 14)
Left to right at the table: Rick Holub of J&M Pump, Inc.; Jack Allen of Allen Drilling; Keith Boyd of Keith E. Boyd Pump Service, Inc. (standing); and Joe Shelton of Golden Eagle Drilling Corp.

2014 CWWCA President, Robert Cockerham and CWWCA Board Member, Joe Meigs
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CWWCA MID-YEAR CONFERENCE

Dean Wygal
Technical Sales Manager
GRUNDFOS Pump Corporation
971.264.8665
dwygal@grundfos.com

Alyson Meyer-Gould
Holsinger Law
303.722.2828
agould@holsingerlaw.com

Kevin Donegan
Senior Hydrogeologist, DWR
303.866.3581 x 8221
Kevin.Donegan@state.co.us

Thom Hanna
Hydrogeologist
Johnson Screens/Aqseptence Group
303.570.5452
thom.hanna@aqseptence.com

Jeff O’Callaghan
Regional Sales Manager
Water-Right
308.380.4713
jeff@water-right.com

Jerry Hatley
Sales Manager/Technical
Cotey Chemical
806.747.2096
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Speaker, Alyson Meyer-Gould and Ray Newmyer, MGWC
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Breckenridge, CO

Next TWG Meeting:
10 AM, October 19, 2018 (tentative)
Chase Bank Building
333 West Hampden Ave., Englewood, CO 80110

Attendees:
Daniel Niemela, Matt Sares, Travis Day, Rex Polen, Joe Meigs, Doug Stephenson, Bryan Beckner, Mike Temple, Keith Branstetter, Tom Harder, Gene Wagner, Joel Canfield, Brad Himes, Kevin Donegan, Mike Pacheco, Andy Flor, Fred Rothauge, Andy Horn

Andy Horn is attending on behalf of CGWA and Colorado Environmental Management Society (CEMS). The TWG welcomes CEMS.

Moderator for October 2018 Meeting
Bryan Beckner

DWR Report
DWR will be providing information regarding wells affected by fire on the DWR home page in short order. The Spring Creek had a major effect on residences served by domestic wells.

The Chief Well Inspector has been spending increased time in the field due to high permit activity. Additional attention is being paid to monitoring well inspections. The DWR will also begin enforcing the 60-day reporting requirement by penalizing contractors who submit late reports. Most recent violations have resulted in warnings.

Well permitting activity during the first half of 2018 has been higher than 2017. Well permit applications are up 20% during first half 2018 relative to first half 2017 and well permit approvals are up 14% during first half 2018 relative to 2017. There was greater growth in non-exempt permit issuance than exempt permit issuance. The DWR well permit report is provided in a new format, below. The first half 2017 well permit report is also included below for reference.

<table>
<thead>
<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>2018</td>
<td>1591</td>
<td>2144</td>
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<td>Permits Issued</td>
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<td>Replacement Permits Issued (Exempt)</td>
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(Continued on page 23)
Well Inspection Program
The CWWCA’s lobbyist is continuing to seek adequate funding for the DWR well inspection program. Changes in executive and committee leadership will require education of new elected officials following the 2018 election.

Randy Baumgardner’s request for audit of the Well Inspection Program is in queue but is not immediately scheduled. The depth and scope of the audit is not known, but the CWWCA hopes that the scope is similar to the Dam Inspection audit completed several years ago.

“Private Driller”
The 1953 statutes required private drillers to obtain a license from the State. The 1967 statutes (Section 6 (3)) stated that a private driller is exempt from all license requirements under this act, except that he shall be a Colorado resident and comply with minimum construction standards. In 2003, the statutes were revised to require private drillers to pass an exam (SB03-045). In 2004, the initial administrative Water Well Construction Rules allowed a well owner (“private driller” or “private pump installer”) to construct and install pump equipment in their own well in any type aquifer, but only after passing the water well licensing exam. In 2005, legislation was passed that excluded any testing requirement (see SB05-161). DWR staff report that there are a couple dozen owner-constructed wells each year and many of those wells are infiltration gallery wells. There was discussion about legislative change to require owners to pass the water contractor licensing exam prior to engaging in water well construction activities for their own well. The concern is that well owners are not often knowledgeable about the Water Well Construction Rules and the safeguards to water quality that the Rules provide.

New DWR Forms
CWWCA members provided helpful feedback regarding proposed water well forms during the January 2018 Annual Meeting. Most or all of that feedback was incorporated into proposed new forms. The new forms will become available in the next month or so. There will be a roughly 60-day overlap period during which both the old and new forms will be accepted. After that, only the new forms will be accepted.

The new well construction and pump installation forms will allow the DWR to more easily enforce advance notification and identify construction compliance issues.

(Continued on page 24)
Pump Replacement Forms
DWR estimates that compliance with submitting replacement pump installation reports is very low, less than 20%. The GWS-32 form is required for all pump installations, including pump replacement, by Water Well Construction Rule 17.1.2. The reason for the rule is that pump contractors must know the existing pump setting depth and pump capacity to complete safe and proper well maintenance. The rule does not apply to remediation wells, only water supply wells.

CDPHE Discharge Permitting
There are three types of discharges that may require permitting: (a) clean water from testing or development, (b) well rehabilitation and (c) discharge during drilling, such as drilling fluids. Discharges to surface water are regulated by the CDPHE. Discharges to ground water (broadcast of discharge to the land surface for infiltration) is difficult for the CDPHE to permit at the present time. The DWR has been working with CDPHE on this issue. The CDPHE has been interested in moving well discharge to ground water permitting authority to the DWR pursuant to SB89-181 that directs CDPHE sister agencies to administer certain water quality compliance matters. There are questions about legal authority of different agencies and the DWR is consulting with the AG’s office with a report due in September 2018.

There was discussion that ground water discharges are challenging because the CDPHE has historically considered the point of discharge to the land to be the “compliance point” for ground water discharges, whereas the “compliance point” for surface water discharges can be downstream after mixing.

Contractors report that the CDPHE has been very hesitant to permit discharge to ground water (perhaps because they are uncertain if they have authority to issue such permits). Contractors report that CDPHE has encouraged permitted discharge to surface water because the permitting process is easier.

There was discussion that the CDPHE has issued low-risk discharge guidance for certain activities and that similar guidance may be appropriate for clean water well discharge from testing and development.

BOE Technical Director Vacancy
Governor Hickenlooper appointed Christopher Sanchez to the BOE technical director position. Mr. Sanchez’s four-year term began on July 1.

Future Topics
DWR update
Well inspection program
DWR forms
CDPHE discharge permitting

Respectfully submitted by Daniel O. Niemela

DON'T FORGET! OUR BUCK LIVELY SCHOLARSHIP PROGRAM IS NOW A 501(C)(3). SO, CASH DONATIONS AT THE ANNUAL CONFERENCE BUCK LIVELY SCHOLARSHIP AUCTION, ARE TAX DEDUCTIBLE!
I am always looking for topics for the safety article in the Drillstem. I really do appreciate it when people give me suggestions about what they would like to see. Lately I have been getting a lot of requests to teach a CPR class. This article is certainly not going to be a full CPR class but I am going to pass along some information that may save a life should the situation arise. I will keep this article very basic with what you need to know until we have the opportunity to have a full, more comprehensive CPR class.

Sudden cardiac arrest can be caused by several things, most commonly by some form of heart disease. It can also be caused by electrocution, respiratory failure, trauma and certain medical conditions. What’s important to us isn’t the cause of the arrest but the fact that we recognize it and act appropriately in a timely manner.

Cardiac arrest occurs when the heart suddenly stops beating for whatever reason. If it is witnessed there will be a sudden loss of consciousness. The victim may or may not complain of symptoms prior to the event. Unwitnessed, the victim will be found unconscious. Either way, the first steps include opening the airway and checking for a pulse. To do this lay the person on their back and tilt the head back. Place your finger or fingers on the side of their neck next to the windpipe. This is the strongest pulse in the body and if you cannot feel a pulse here you can assume they are in cardiac arrest. At this point many people are worried that the actions they take may cause harm to the victim. Remember, this patient is technically dead, so anything we do will either be beneficial or have no effect at all.

We will only be going over “Compression Only CPR” in this article. Most people are too nervous to give rescue breaths and therefore do nothing. Studies have shown that “Compression Only CPR” is quite effective at keeping oxygen rich blood flowing to the vital organs. “CPR with Breaths” is still the preferred method but “Compression Only CPR” greatly increases their chance of survival. As you are compressing the chest there is still passive air movement in and out of the lungs. Doing nothing gives the victim almost zero chance of survival.

To perform compressions place the victim on their back on a hard flat surface. For an adult, place the heel of one hand in the middle of the sternum with your other hand on top, interlocking your fingers. Get your torso centered over their chest to make it easier to compress the chest. Depending on your victim, you will need to adjust how hard you press. Begin pressing the chest about 2” on an adult at a rate of at least 100 compressions per minute. Continue doing this until help arrives or you are too exhausted to continue. If there are more than one of you, switch rescuers every 2 minutes. For smaller children you will probably end up using one hand for compressions and compress to 1 ½” to 2”. For infants only use 2 fingers and compress to 1”.

The thing to remember is that CPR is not meant to restart the heart, it is used to keep blood flowing until more advanced help arrives. If an AED (Automated External Defibrillator) is available this should be used as soon as possible. This is used to restart the heart.

This was very brief but it may eventually save a life. We have talked about trying to have some form of a class at a future conference to expand on this. As always, if you have any question, feel free to give me a call. Hope this helps.

Thanks again,

Gene

Phone: 970-848-3846
I am Megan Young, this will be my second year attending Northeastern Junior College in Sterling, CO, studying Agricultural Business. My mission for this school year is to graduate with my Associates Degree and then transfer to a four-year institution. I am thrilled to be returning and going to school to pursue my degree in agriculture. My mission in college and even after I graduate is to talk about my two favorite topics, agriculture and water conservation. I made it my mission second semester of my freshman year to teach and educate my classmates on how to conserve water around campus and when I return I will be doing that again. As for another mission, I will strive to focus and put more dedication into my classes to get the best outcome, which is, good grades and to learn as much as I can. Although, I am excited for my agriculture classes, I am looking forward to my general study classes as well.

Goals are important to me and always have been. When setting a goal and working towards that goal to achieve it there is no better satisfaction then achieving the goals I set for myself. This school year is going to be hectic because I am an athlete and a full-time student. My first goal for this school year is to put my studies before anything. I have a goal to put more time into studying for classes because that is something I struggled with my first year of college. I know I can do anything I put my mind to and I am looking forward for this upcoming school year. Education is important to me and I am so excited to see what happens after obtaining my Associates Degree at Northeastern Junior College. I am forever thankful for the support I have received from the CWWCA and the Buck Lively Scholarship Fund.
SAVE THE DATE
JOIN US FOR THE BEST WEEK OF THE YEAR!

EXHIBITS
View the latest products and services from more than 300 exhibitors.

WORKSHOPS
Choose from Subjects ranging from business management to Well rehabilitation during more than 60 hours of workshops, hands on activities, and topical sessions.

SUMMIT
Once again, the Groundwater summit will be held during Groundwater Week to bring you the best groundwater Science presentations of the year.

For more information go to:
http://www.groundwaterweek.com

2018 NGWA DELEGATES MEETING:
Wednesday, December 5th 6:00 p.m – 7:50 p.m.
Las Vegas Convention Center, Las Vegas, NV.
Colorado can send 23 delegates this year.

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We are now accepting hotel reservations for our upcoming conference. Through this website https://book.passkey.com/go/CWWCAJan2019 you can book, modify or cancel your hotel reservations and receive updated information about the event. We look forward to seeing you! Or call 1-800-228-9290 and mention CWWCA!

Standard Room Rate:$123.00 + tax
The cutoff date to reserve that rate in the room block is December 10, 2018.

BUCK LIVELY SCHOLARSHIP PROGRAM

The Colorado Water Well Contractors Association Member Scholarship Program is made available to assist and encourage the education of qualified individuals.

ELIGIBILITY:
The applicant must be a CWWCA member or sponsored by a CWWCA member.

The applicant must be currently enrolled or planning to enroll in a full time course of study at an accredited two or four year college, university, or vocational/technical school, and who is accepted by the institution during the applied scholarship year.

The applicant must have a high school GPA of 2.5 and maintain a GPA of 2.0 in their course work.

The applicant must not have already received the maximum of five CWWCA scholarship awards.

HOW TO APPLY:
The applicant must submit a completed application along with all required attachments (see section 4 of the application) to the CWWCA office on or before March 31st.

For full information on this and other CWWCA educational opportunities, go to cwwca.org and look under education.
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
OSHA’s Stance on Distracted Driving

The top priority of the Occupational Safety and Health Administration (OSHA) is keeping workers safe. While workplace fatalities have been decreasing in recent years, motor vehicle crashes continue to be one of the leading causes of death among American workers. As distracted driving dramatically increases the risk of vehicle accidents, OSHA and the Department of Transportation (DOT) are working together to combat distracted driving for the safety of workers across the country.

OSHA’s Distracted Driving Initiative

According to OSHA, employers should prohibit any work policy or practice that requires or encourages workers to text while driving, as it greatly increases the risk of being injured or killed in a motor vehicle crash.

While texting is not specifically addressed as an OSHA standard, the General Duty Clause in The Occupational Safety and Health Act of 1970 (OSH Act) covers distracted driving by stating, “employers must provide a workplace free of serious recognized hazards.” It is well recognized that texting while driving dramatically increases the risk of a motor vehicle injury or fatality, and a number of state laws prohibit texting while driving. This means you could be in violation of the OSH Act if your company does the following:

- Requires employees to text while driving
- Organizes work so that texting is a practical necessity even if not a formal requirement
- Provides any sort of financial or other incentives that encourage workers to text while driving

If OSHA receives a credible complaint that an employer enforces or encourages any of these activities, they will investigate and, where necessary, issue citations and penalties to end such practices.

Supporting Safety in Your Workplace

Since distracted driving falls under the General Duty Clause and not a specific standard, there are no direct guidelines for how you must protect employees from the dangers of distracted driving. It is up to you as the employer to institute your own measures to keep employees safe. The easiest way to do this is to develop a policy that outlines how employees are to use mobile devices while carrying out their duties. Specifically noting that texting while driving is not allowed not only protects employees but also will keep your company from violating OSHA regulations.

Click here for more on OSHA’s Distracted Driving initiative.
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12 HOUR ACCESS
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
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.
CWWCA 2018 BOARD OF DIRECTORS

PRESENTER
Bryan Beckner

Himes Drilling Company
2390 Highway 6 & 50
Grand Junction, CO 81505
Phone: 970.867.2943
Fax: 970.867.0313
e-mail: bryan@wellstoneco.com

VIC-SECRETARY
Fred Rothauge

Hydro Resources Rocky Mountain, Inc.
13027 CR 18
Fort Lupton, CO 80621
Phone: 303.857.7540
Fax: 303.857.3826
e-mail: frothauge@hydroresources.co

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

Joe Bender District 5

Ground Exploration, LLC
15852 W. 79th Pl.
Arvada, CO 80007
Phone: 303.420.9977
e-mail: groundx@qwestoffice.net

Joe Meigs District 6

Wellstone Inc., LLC
dba Twiss & Wilson Drilling
36111 U.S. Highway 385
Wray, CO 80758
Phone: 970.332.5834
Fax: 970.332.5877
e-mail: bryan@wellstoneco.com

Danny Niemela District 1

Bittern-Broodgen Associates
10651 Moline St.
Frisco, CO 80443
Phone: 303.350.4090
Fax: 970.332.5834
e-mail: dnniemela@bbwater.com

Mike Temple District 6

Quality Irrigation, Inc.
P.O. Box 420
Yuma, CO 80759
Phone: 970.848.3846
Fax: 970.848.5115
e-mail: gene@qualityirrigation.com

PUMP INSTALLER AT LARGE

Bruce Hier

Hir 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

Bryan Beckner

Hier Drilling Company
P.O. Box 772771
Steamboat Springs, CO 80477
Phone: 970.879.5252
Fax: 970.879.5252
e-mail: kbranstetter@aztecdrillingco.com

Spouse

Eugene Wagner

Quality Irrigation, Inc.
P.O. Box 2224
Evergreen, CO 80437
Phone: 303.670.3348
Fax: 303.688.3012
e-mail: gwagner@centurytel.net

EUGENE WAGNER

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

EUGENE WAGNER

Chair: Vicki Wagner - 970.848.3846
Mike Pacheco - 303.217.8722
Vicki Wagner - 970.848.3846

CONTINUING EDUCATION

Chair: Fred Rothauge - 303.857.7540

FINANCIAL OVERSIGHT

Chair: Joel Canfield - 970.867.2943
Brad Himes - 970.242.8893
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LEGISLATIVE

Chair: Joel Canfield - 970.867.2943
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MOUNTAIN STATES

Chair: George Wood - 303.688.6462
Fred Rothauge - 303.857.7540

NGWA

Chair: Fred Rothauge - 303.857.7540
Brad Himes - 980.242.8893

PROGRAM

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

PUBLIC RELATIONS

The Drillstem, Website
Chair: Dan Niemela - 303.806.8952

SCHOLARSHIP

Chair: Eugene Wagner - 970.848.3846
Bryan Beckner - 970.332.5834
John O’Brien - 303.552.3772

SPONSOR

Chair: Vicki Wagner - 970.848.3846

SUPPLIER

Chair: Tom Harder - 719.572.5251
Mike Pacheco - 303.217.8722

TECHNICAL WORKING GROUP

Chair: Dan Niemela - 303.806.8952

SBC WATER WELL CONSTRUCTION RULES

Chair: Fred Rothauge - 303.857.7540
Bryan Beckner - 970.332.5834
SAVE THE DATE!

2019 CWWCA ANNUAL CONFERENCE

Denver Marriott Tech Center
January 9-11, 2019