

THE DRILLSTEM

COLORADO WATER WELL CONTRACTORS ASSOCIATION

SUMMER 2023
Vol. 42, No. 2

OFFICIAL PUBLICATION OF

CWWCA



CWWCA Mid-Year Conference - See Pg 5:

RULE CHANGES - BE PART OF THE DISCUSSION!

JULY 14-15, 2023
Beaver Run Resort, Breckenridge, CO

Inside This Issue

| REGULAR FEATURES | | SPECIAL FEATURES | |
|------------------------|-------|------------------------------------|-------|
| President's Report | 3 | Priced Out of Business? | 2 |
| Legislative Update | 6-11 | Mid-Year Conference Schedule | 5 |
| TWG Meeting Recap | 13-19 | Buck Lively Scholarship Recipients | 22-23 |
| Renew Your Membership! | 21 | | |
| Safety First | 25 | | |



DRILLSTEM ADVERTISING OPPORTUNITIES

The Drillstem is a quarterly publication of CWWCA sent to all active members of the association published in March, June, September and December.

Classified ads are \$1.00 per 3.5-inch line.

Help wanted ads will not be published.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

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Artwork must be camera ready at the dimensions listed above in these formats - PDF, PNG, JPG, TIFF. If using JPG, make sure density is 600dpi to avoid pixilation. For full formatting requirements, please visit our website at CWWCA.org.

Deadlines for content: February 1st, May 1st, August 1st, November 1st

CWWCA CONTACT INFORMATION

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WEBSITE ADVERTISING OPPORTUNITIES

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(If the advertiser is a CWWCA member, this fee also includes a free upgrade of your member directory listing - see below)

MEMBER DIRECTORY UPGRADE
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Upgrade your CWWCA member listing in the searchable member directory including your contact information. Link to your website and include your logo or picture.

Pictures for the listing should be submitted in .jpg format and should be 225 pixels wide, by 150 pixels high.

USEFUL WEBSITES

Colorado Water Well Contractors Association
www.cwcca.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 President's Report - 2nd Quarter

Hello Everyone,

Hope everyone is having a busy spring. I would like to remind everyone to be sure and read all the proposed rule changes and leave comments on BOE google forms.

The mid year conference is going to be in conjunction with the state with Friday dedicated for clarification on aquifer types and opportunities for contractors to give input on proposed rule changes. The schedule for mid-year is published on page 5. Be sure to get registered and book a room prior to June 13. Information is published at our website www.cwwca.org.

Have a great one and hope to see everyone at mid year.

Thank you
Travis Day
President, CWWCA

CWWCA Calendar of Events

| | | |
|---------------------|-------------------------------------|-------------------|
| TWG Meeting | Beaver Run Resort, Breckenridge, CO | July 14 - 8:30am |
| BOD Meeting | Beaver Run Resort, Breckenridge, CO | July 15 - 11:15am |
| Mid-Year Conference | Beaver Run Resort, Breckenridge, CO | July 14-15, 2023 |
| Annual Conference | Westin, Westminster, CO | January 3-5, 2024 |



Priced Out of Business?

What's the cost to drill a well? I'm sure we all hear that question on a daily basis. It depends. So many factors can impact the answer to that question, but I'm guessing we all have a ballpark number we can throw out once we know what kind of well to be constructed. Price of goods is always shifting, but we can get pretty close. The potential change to annular space rules could drastically affect this number before you know it.

It is one thing to plan to change your equipment, you probably will spend several years putting money the rig has made away to replace it someday. You will most likely spend many months if not pushing into years deciding what is the right fit for a new rig. You may not have that kind of time. If the annular space is increased by both including the coupling in the figures and increasing the annular space for grouted intervals, everyone will have to take a serious look at their equipment capabilities. I don't want to delve into the numbers, but even if the only retrofitting needed was a larger pump or to install a second pump, you're looking in the five figures automatically.

Even if you think there may be procedural changes that can be made to keep your equipment the cost of the well is going up. Annular space is only being increased for areas requiring grouting. Either you keep the bit size the same for the length of the well or you trip out of the hole and go with a smaller bit for the final stage of the well. Either you have lowered your uphole velocity or are taking the time to come out of the hole and go back in, that will raise your price per foot. If you intend to run surface casing the entire length, it will have to be larger to allow you to go in with the correct bit size for the final length of drilling.

All of these have an immediate effect on the contractors in Colorado. It is the consumer in the end who will wear this cost. Maybe the developers out there can handle this but how many of the regular farmers and ranchers can continue to afford increased prices. I think everyone in this association cares about their own community and their customers and they should be worried about what these rule changes could mean for their business and their community. Water is already becoming a hard-to-find necessity in so many areas. Can the people of Colorado afford to make it such a costly commodity as well?

I do believe that the DWR is looking for ways to protect the water of the state. I just do not think that driving the price of obtaining that water up is the correct way. The mid-year conference is in July in Breckenridge and will be another stakeholder meeting to discuss the next draft of these rules, and I look forward to seeing you all there.

Josh Weaver
CWWCA Secretary/Treasurer

Be Sure To Join Us For The 2023 MID-YEAR CONFERENCE

July 14-15, 2023 - Beaver Run Resort, Breckenridge, CO
Register On-Line Now at - WWW.CWWCA.ORG

Friday, July 14, 2023

| | Location | CEUs |
|--|-------------------|--------|
| 7:00AM – 8:30AM Supplier & Exhibitor Setup | Summit Gallery | |
| 7:00AM – 5:00PM Conference Registration | Floor 2 Foyer | |
| 8:00AM – 9:00AM Supplier Supplied Breakfast | Floor 2 Foyer | |
| 8:15AM – 8:30AM CWWCA Board of Directors Working Session | Copper Top III | |
| 8:30AM – 9:30AM Technical Working Group | Copper Top III | |
| 8:30AM – 9:30AM Exhibits Open | Summit Gallery | |
| 9:15AM – 9:30AM Supplier Introductions | Summit Gallery | |
| 9:30AM – 12:00PM DWR Rule Updates – Kevin Donegan | Summit Gallery | 2.5 hr |
| 12:00PM – 1:00PM Supplier Sponsored Lunch | Copper Top III | |
| 1:00PM – 2:00PM Meet with Suppliers in Exhibit Area | Summit Gallery | 1.0 hr |
| 2:00PM – 3:00PM Supplier's Meeting | Copper Top III | |
| 2:00PM – 4:00PM Roundtable Discussions on Rule Updates | Summit Gallery | 2.0 hr |
| 4:00PM – 5:00PM Galvanized Pipe Sizes – Joel Canfield | Summit Gallery | 1.0 hr |
| 5:00PM – 6:00PM Supplier Sponsored Happy Hour | Imperial Ballroom | |
| 6:00PM – 8:00PM Mid-Year Auction & Dinner Buffet | Imperial Ballroom | |

Total CEUs Available Friday **6.5 hr**

Saturday, July 15, 2023

| | Location | CEUs |
|---|----------------|--------|
| 7:00AM – 8:00AM Supplier / Exhibitor Tear Down | Summit Gallery | |
| 7:00AM – 8:00AM Supplier Sponsored Breakfast | Floor 2 Foyer | |
| 8:00AM – 8:30AM CWWCA Membership Meeting | Summit Gallery | 0.5 hr |
| 8:30AM – 10:00AM Department of Transportation / CDL Req. – Ryan Byers | Summit Gallery | 1.5 hr |
| 10:00AM – 10:15AM Supplier Sponsored Break | Summit Gallery | |
| 10:15AM – 11:15AM Pumps, Motors and Controls – Bob Pritchard | Summit Gallery | 1.0 hr |
| 11:15AM – 1:30PM CWWCA Board Meeting / Working Lunch | Peak 14 | |

Total CEUs available for Saturday **3.0 hr**

CEUs for Friday/Saturday Conference 9.5 hr



Legislative Update - April 29, 2023

Prepared by Richard Brown

Monday, May 1, marks the 113th day of this 120 calendar day session. As of the close of business on Monday, there will be no more than 9 calendar days remaining in the session. In accordance with the Colorado Constitution, the session must adjourn *sine die* no later than midnight on Monday, May 8. Two of those 9 remaining days are the weekend of May 6-7. The House has already worked 6 Saturdays this session, so it should not be assumed that the coming weekend has any special significance.

There are an awful lot of bills remaining in both the House and Senate that must be dealt with. For the first time in many years, longtime observers at the Capitol are speculating that there could be a significant number of bills that will simply die on adjournment *sine die*. Under the Colorado Constitution, all unfinished or pending matters that are on the calendar when adjournment *sine die* occurs die under the rules. No further action is required. A bill which is killed by rule does not roll over into the next session. Any such bill would have to be reintroduced *de novo* for the 2024 session.

There is still time for new bills to be introduced. One such late bill that is anticipated for introduction early this coming week will address a developing crisis in property taxation that will hit in 2024. Assessed valuations are expected to increase over this year's value somewhere above 35% but just shy of 50%. The variation is due to differing circumstances throughout the state. These early projections from the county assessors are having a ripple effect at the Capitol. The Governor and the Democrat leadership have been scrambling to find a safety valve to thwart the sticker shock. There are very few options available so it will be interesting to see what the package looks like.

Under the Colorado Constitution, a minimum of 3 calendar days are required for a bill to move from initial introduction to the Governor's desk. Unlike some states that can stop the clock, that is not the case in Colorado. The calendar and the clock are unrelenting. When Monday, May 1, arrives, we will be knocking on the door of the last allowable day that new legislation can be introduced. There is ample time for such bills but there is a very narrow opportunity for citizens or advocacy groups to react to any such bills. They are always fast tracked with leadership backing so that any amendments that have the blessing of leadership are adopted in the first house and are shut out in the second house. That eliminates the need for the extra step of first house consideration of second house amendments and a series of votes to reconcile the differences.

The calendar also affects the time that the Governor has to consider bills that reach his desk and the date upon which newly enacted bills become effective. There are some options for effective dates of new laws. The new law may include a specific date (such as July 1 or January 1) when it becomes effective. The new law may not include an effective date so it becomes effective at the time and on the date when the Governor signs it. If the new law includes a "referendum clause", it becomes effective 90 calendar days following adjournment *sine die*. The Colorado Constitution provides a limited opportunity for citizens to challenge a new law by petitioning to put it before the voters. However, the window is tight and the standards are challenging. For the 2023 legislative session, that window for referendum closes on August 8. Many new laws will become effective on August 9, 2023.

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The Governor's window shifts at adjournment *sine die*. During a legislative session, the Governor has 10 calendar days to act on a bill that has reached his desk. If a bill reaches his desk after adjournment *sine die*, the Governor has 30 calendar days to act.



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Consequently, actions by the Governor slowly trickle out but must be completed by June 8. Sometimes a Governor will hold a signing ceremony at which he will sign several bills that address the same subject. Mental health bills and environmental bills are examples of such packages.

The effective date of a new law is important for state agencies as well as citizens. A state agency may not act on the provisions of a new law until it is effective. If a state agency must promulgate rules, the legal announcement for the rule making cannot be made until after the effective date of the law – in turn, that sets the calendar for hearings and related actions. An agency may not be able to announce new positions or advertise for competitive bids for work until after the effective date. That does not mean that an agency could not prepare for such actions or would be precluded from working with stakeholder groups or taking other actions that would facilitate formal actions. It does mean that some agency actions may not commence until several weeks or months following the effective date of a new law.

Following the final action by the Governor, I will assemble the annual Compendium of New Laws of Interest. In order to do that, I need to have not only the signed Act but also the official Session Laws published by Legislative Legal Services. The Session Laws are a very valuable resource because they reproduce the signed Act which displays all deleted language and all new language to a particular statute. The Session Laws are organized so that the new laws are assigned a page and chapter number to facilitate easy access. Generally, the Session Laws are consistent with the organization of the Colorado Revised Statutes which makes reviewing them in context easy.

I organize the Compendium by topic – such as employer-employee relations or administrative procedures – and consolidate all the new laws relative to that topic. “Administrative procedures” may seem a pretty arcane topic unless your legal counsel is involved in a rule making and needs to know deadlines and how to move to an appeal. “Administrative procedures” takes on a new interest this session because we have seen several new laws that allow aggrieved parties to launch private rights of action and bypass administrative remedies. The Colorado courts used to reject such legal actions until the party had exhausted administrative remedies. Some judges, however, have not followed that path. It is a bit of a worrisome trend for defendants who might be subject to civil liability actions. The Compendium should be completed by the end of June if all the needed information is released in a timely fashion.

Legislative Council (the combined bipartisan leadership of both chambers) met this week to review requests for interim studies. The Legislative Council approved two, neither of which is of interest to water interests. We were watching one requested interim committee that would have been an open ended review and modernization of the Colorado Open Records Act, but it did not make the priority list. The Water Resources & Agriculture Review Committee has not announced subjects for this summer nor has it announced the dates of meetings. The WRR&AC has committed to holding one meeting in conjunction with the summer meeting of Water Congress to be held this August in Steamboat Springs.

This is also the time of year that we begin to monitor proposed ballot issues that have been filed. Generally, odd year elections are reserved for fiscal matters whereas even year elections are pretty much open to any subject. Currently, 48 measures have been filed. That is a bit misleading since it is common for proponents to file multiple versions of the



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same issue to hedge their bets on what kind of technical issues might arise when the Title Board holds its hearing on the measure. The Title Board has commenced its hearing schedule. Fortunately, none of the proposals that have been filed hold any negative implications for the water community.

Most Recent Status of Bills of Interest

SB23-177: the annual funding bill for the selected CWCB projects. Passed the Senate, passed House with an amendment so the bill was sent back to the Senate for consideration of the House amendments. The Senate concurred in the House amendment and repassed the bill. The bill is on its way to the Governor.

SB23-178: Water-wise landscaping for HOAs. Passed the Senate, passed the House with amendments. The Senate considered the House amendments, concurred and readopted the bill. The bill is on its way to the Governor.

SB23-213: Land use. This bill has passed the Senate with extensive amendments. It is pending House Transportation, Housing & Local Government. The amendments to the bill removed most of the many offensive provisions but it is far from clear that the House will accept the Senate version.

SB23-262: Study water desalination. This bill would initiate and fund a specific study on the potential use of water desalination as a tool to alleviate pressure on the Colorado River Compact. It passed the Senate Agriculture and is pending House Energy & Environment Committee.

SB23-270: Stream restoration. This bill underwent extensive amendments to narrow its focus and reach. The amendments were generally a consensus among the proponents and critics of the bill and were adopted by the Senate. The bill has passed House 2nd reading without amendment and is pending House 3rd reading.

SB23-295: This bill seeks to establish a special task force to study or review issues related to the effects of drought on the Colorado River. Following a lengthy hearing in Senate Agriculture & Natural Resources, the bill was amended and sent through Senate Appropriations to the floor. The Senate passed the amended version of the bill on 2nd reading and it is now pending Senate 3rd reading. There were significant changes made to the bill by the Senate including:

- Reconfiguring the composition of the task force by adding the Commissioner of Agriculture;
- Changing the status of the State Engineer to that of an ex officio member;
- Adding a representative of the Southeastern Colorado Water Conservancy District;
- Adding a representative of the Northern Colorado Water Conservancy District;
- Adding a representative of a statewide agricultural organization that is the owner of water rights;
- Adding a representative of a front range municipal water provider that diverts water from the Colorado River.

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In addition, the qualifications for the agricultural representatives were changed to require them to own water rights.

The sponsors added an amendment to clarify that the task force is subject to the Colorado open meetings laws.

The sponsors added an amendment to clarify that any program that involves the administration of water through stream reaches within the state or to the state line for interstate purposes must be consistent with any agreement regarding storage at Colorado River Storage Project Act reservoirs under an Upper Basin Demand Management program and Principle Four of Colorado's conceptual framework of the approved and adopted Colorado Water Plan.

An amendment to authorize the creation of a sub-task force to study tribal matters. The amendment sets forth both the composition of the sub-task force and the scope of the study.

HB23-1220: Study economic impact of potential well curtailment under the Republican River agreement. Passed House Agriculture, Water & Natural Resources and House Appropriations. Pending House 2nd Reading.

HB23-1255: This bill overrides local government regulations concerning limitations on growth and as introduced might have been interpreted as including water utility plant investments fees and related utility system requirements. The sponsors amended the bill to provide a temporary non-renewable anti-growth requirement in order to provide for the extension or acquisition of a public infrastructure, public services or water resources. The bill passed the House and is pending hearing in Senate Local Government & Housing.

HB23-1274: Funding species conservation program. Passed House without amendments. Passed Senate Appropriations (committee of reference) without amendment. Passed Senate 2nd reading without amendment. Pending Senate 3rd reading.

HB23-1282: This bill expands the options for consumers to pursue grievances against public utilities by providing them with the ability to bring an action under the consumer code. The bill passed House Energy & Environment without amendment and is pending House 2nd reading.

Everything is in Flux

At this point in the session, the calendars are general suggestions more than they are a work plan. Leadership is prone to modifying the calendar in order to expedite work. Constant monitoring is necessary to avoid missing something critical. It should be expected that bills will be laid over for short periods of time, brought back on floor special orders and to have public testimony reduced to a maximum of two minutes. It should also be expected that bills may be unamended in the second house in order to expedite their journey to the Governor.

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Technical Working Group (TWG) Meeting Recap
April 21, 2023 - 333 W Hampden Ave, Englewood, CO
Respectfully Submitted by John Shuler

Attendees: John O'Brien, Joe Meigs, Kevin Donegan, Andy Flor, Tom Harder, Josh Weaver, John Shuler, Chris Jones, Larry Finney, Bruce Hier, Travis Day, Joel Canfield, Fred Rothauge, Brad Himes, Scott Hall

Moderator: John Shuler

DWR Update

Well permitting activity during the first quarter of 2023 was lower than the same period in 2022, as shown in the summaries attached. Those summaries show, relative to the first quarter of 2022, a 34% decrease in permit applications, a 37% decrease in permits issued and a 42% decrease in exempt permits issued. Contractors are staying busy but some reported decreased work inquiries.

Well Inspection Program

Chris Jones is now the Chief Well Inspector and can be contacted at Doug Stephenson's former DWR extension number.

The well inspection program remains limited in both budget and personnel. Inspectors continue to focus on high-risk wells, mostly in Divisions 1, 2, and 3. Shaylee Andreatta from Fort Collins has been hired as the well inspector for Divisions 1 and 2. Shaylee has been working both on her own and with Chris Jones in the field up to this point.

DWR Forms

The DWR hopes for faster rollout of eForms moving forward. The Notice of Intent to Construct Monitoring Hole(s) and Dewatering Wells will launch on May 1st. The previous PDF version of the form will be removed from the DWR website but will still be accepted for a few months. eForms for General Purpose Water Well Applications, Pump Installation Reports, and Well Construction Reports will take at least another six months to develop. Information regarding existing wells should be pre-populated in the new forms, which will hopefully streamline the form preparation and submittal process.

The DWR estimates that hundreds of wells around Colorado have been replaced without formal record of abandonment of the initial well. The DWR may issue letters to well owners requesting submittal of Well Abandonment Reports. The group discussed a potential amnesty period for submittal of Well Abandonment Reports. Some contractors support the idea of additional leniency for submittal of *all* reports and noted that it can be difficult to submit reports on time during the busy summer season. The DWR hopes that the new eForms will reduce the time required to submit reports.

TWG Report (cont)

Based on user feedback, contractors can now change owner contact information on Well Construction and Pump Installation Forms. However, Change in Ownership Forms still require an authorization letter from the well owner.

| Well Permit Activity Log | Previous Years | 2021 | 2020 | 2019 | 2018 | 2017 |
|---------------------------------------|--------------------|------------|----------|------------|--------------|------|
| | Total Applications | 7924 | 6478 | 5997 | 5997 | 6049 |
| | Permits Issued | 7267 | 5784 | 5621 | 5621 | 5609 |
| Action Name | Year | 1/1 - 3/31 | 4/1-6/30 | 7/1 - 9/30 | 10/1 - 12/31 | Year |
| Total Application Received | 2022 | 1969 | 1967 | 1799 | 1246 | 6981 |
| Permits Issued | 2022 | 1707 | 1848 | 1771 | 1081 | 6407 |
| New Permits Issued (Exempt) | 2022 | 1153 | 1329 | 1205 | 732 | 4419 |
| New Permits Issued (Non Exempt) | 2022 | 478 | 381 | 428 | 280 | 1567 |
| Replacement Permits Issued (Exempt) | 2022 | 120 | 134 | 155 | 99 | 508 |
| Replacement Permits Issued (Non Exer) | 2022 | 29 | 30 | 31 | 29 | 119 |
| Geothermal Use Applications Received | 2022 | 24 | 20 | 27 | 4 | 75 |
| Geothermal Use Permits Issued | 2022 | 24 | 19 | 21 | 16 | 80 |
| Monitoring Hole Notices Issued | 2022 | 246 | 329 | 255 | 243 | 1073 |
| Permit Extended | 2022 | 191 | 192 | 237 | 179 | 799 |
| Permit Canceled | 2022 | 206 | 133 | 140 | 110 | 589 |
| Well Constructed | 2022 | 464 | 598 | 822 | 546 | 2430 |
| Well Constructed Recd | 2022 | 1063 | 1043 | 1285 | 1005 | 4396 |
| Pump Installed | 2022 | 549 | 675 | 992 | 675 | 2891 |
| Pump Installed Recd | 2022 | 885 | 914 | 1326 | 1168 | 4293 |
| Well Plugged and Abandoned | 2022 | 108 | 252 | 162 | 182 | 704 |
| Well Plugged and Abandoned Recd | 2022 | 248 | 380 | 287 | 282 | 1197 |

| Well Permit Activity Log | Previous Years | 2022 | 2021 | 2020 | 2019 | 2018 | 2017 | |
|---|--------------------|------------|----------|------------|--------------|------|-----------------|-----------------|
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| Action Name | Year | 1/1 - 3/31 | 4/1-6/30 | 7/1 - 9/30 | 10/1 - 12/31 | Year | % of 1st Qrt 22 | 1/1 - 3/31 2022 |
| Total Application Received | 2023 | 1293 | | | | 1293 | 66 | 1969 |
| Permits Issued | 2023 | 1070 | | | | 1070 | 63 | 1707 |
| New Permits Issued (Exempt) | 2023 | 668 | | | | 668 | 58 | 1153 |
| New Permits Issued (Non Exempt) | 2023 | 354 | | | | 354 | 74 | 478 |
| Replacement Permits Issued (Exempt) | 2023 | 96 | | | | 96 | 80 | 120 |
| Replacement Permits Issued (Non Exempt) | 2023 | 35 | | | | 35 | 121 | 29 |
| Geothermal Use Applications Received | 2023 | 22 | | | | 22 | 92 | 24 |
| Geothermal Use Permits Issued | 2023 | 18 | | | | 18 | 75 | 24 |
| Monitoring Hole Notices Issued | 2023 | 327 | | | | 327 | 133 | 246 |
| Permit Extended | 2023 | 208 | | | | 208 | 109 | 191 |
| Permit Canceled | 2023 | 101 | | | | 101 | 49 | 206 |
| Well Constructed Recd | 2023 | 717 | | | | 717 | 67 | 1063 |
| Pump Installed Recd | 2023 | 798 | | | | 798 | 90 | 885 |
| Well Plugged and Abandoned Recd | 2023 | 321 | | | | 321 | 129 | 248 |

Policy and Rule Revisions

Water Well Construction Rules

DWR staff will discuss proposed rule changes and summarize stakeholder comments at the May 31st BOE meeting. DWR plans to prepare a revised redline draft of the well construction rules prior to the CWWCA Mid-Year Conference that will be presented at the August BOE meeting. DWR staff is targeting a final draft for presentation at the November BOE meeting.

Contractors should get involved in the rule-making process and participate in future stakeholder meetings. The DWR will likely prepare a cost-benefit analysis of the proposed rule changes and may request contractor input.

The CWWCA Mid-Year Conference program will devote considerable time to discussion of the proposed rule changes. In addition, the DWR will present information regarding identification of Type I/II/III aquifers and confining layers.

Nontributary Rulemaking

The DWR terminated the rulemaking process for nontributary groundwater on April 15th, 2021. On June 22nd, 2022 Judge Taylor ruled in favor of the State, confirming that nontributary wells are subject to volumetric limits based on a 100-year aquifer lifespan. Rulemaking will resume after resolution of the case, which may reach the Colorado Supreme Court.

Designated Basins

The Ground Water Commission will meet in May to discuss a petition to close the Southern High Plains Designated Basin to additional appropriation.

GWS-32 Filings

Some contractors are concerned about the burden of Pump Installation and Production Equipment Test Report (GWS-32) submittals for pump replacements. Such forms were previously required only for a change in pump depth or horsepower but currently all pump replacements require submittal of a GWS-32 form even if pump specifications do not change. The DWR acknowledges that there is a backlog of unprocessed GWS-32 forms but plans to address the issue in the future. The DWR may try to streamline the GWS-32 submittal process upon creation of the GWS-32 eForm.

Unlicensed Contractors

Members remain concerned about work performed by 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. A Kansas contractor was recently sent a cease and desist letter after performing unlicensed work in Colorado. In addition, the DWR understands that a contractor with a suspended license continues to operate.



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CGWA

The CGWA is currently holding hybrid monthly meetings and meetings are approved for 1 hour of CE credit for licensed water well contractors. CGWA's joint symposium with AWRA on April 14th was a success. Three scholarships will be awarded this 2023 based on proceeds from the Symposium.

Future Topics

DWR Update

DWR Forms

Policy and Rules Revisions: Nontributary/Well Construction/Designated Basin

GWS-32 Filings

Unlicensed Contractors

CGWA

Next TWG Meeting:

July 14, 2023 (8:30a-9:30a)
Beaver Run Resort (Coppertop III)
620 Village Road
Breckenridge, CO 80424

Moderator for July 2023
Meeting: Joe Meigs



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2023 CWWCA MEMBERSHIP RENEWAL

Please consider renewing 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.

Members also get discount registration to all CWWCA Events!

We have two easy options to renew. Complete the application on the adjacent page and mail in with a check or you can visit our website at <http://cwwca.org/> to update your membership dues.

Phone/Fax: 720-244-8024
Email: execdir@cwwca.org

2023 Buck Lively Scholarship Recipients

Abril Montes de Oca

As a first generation college student, I am given the opportunity that others in my family before me were not offered. I was always taught that education is something that can never be taken away from someone. My goals and ambitions are to further my education and make a name for myself. My hardwork and determination will help me excel in and out of the classroom. As a student athlete, I have overcome many obstacles with balancing athletics, extracurriculars, and work. All of this has translated into what I can accomplish academically. My career goal at the end of the day, is to be financially stable with doing something that I am truly passionate about. Agriculture and exercise have been key components of building who I am. I have always been surrounded by agriculture and have tested my limits in different athletics as well as. Furthering my education in a post secondary institution and pursuing a degree in a bachelor of sciences would benefit me in countless ways- but more importantly the pride of being the first in my family to earn a degree is something no one will ever be able to take away from me.



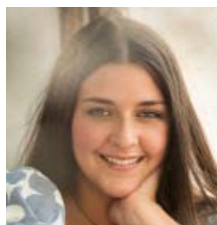
Reagan Nolin

The past few semesters of college have been extremely eye-opening for me and have allowed me to grow both in my education and overall as a person. As a junior at the University of Northern Colorado, I have completed my general science courses and am in the bulk of my courses more specific to my Biology/Pre-health major. I have found these interesting and dedicate time throughout the week to study for these courses. Additionally, I have had the opportunity to participate in a research project with one of the department's biology professors. This experience has given me insight to an aspect of the medical field I had never been a part of I have been able to conduct research that looks into disorders such as schizophrenia and PTSD from a cellular standpoint. This will help me with my future medical endeavors. I have always had a passion for helping others and felt that my calling was to join the medical field as a healthcare provider.



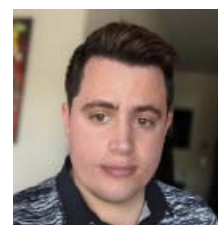
Kendall Myers

I am currently a senior at Springfield High School in Springfield, Colorado. In the fall I plan to attend Oklahoma Panhandle State University in Goodwell, Oklahoma. I plan to pursue a double major of Education and Psychology. These degrees will allow me the opportunity to work in the school system as not only an educator but as a guidance counselor. For a very long time, I have known that I wanted to help others. With this career, I will be able to help those needing help. There is a great shortage of teachers and individuals who want to work in the school system. I know that this is where I will have the best fit and hopefully, fill a void that is desperately needed in many of our rural schools.



Luke O'Brien

From a young age, I have always had a strong affinity for technology. So, moving into college it was only natural that was the path I chose to take. Now that I am getting close to my final semester at college, I reflect back on everything I have done and learned so far with no regret. This is the right subject for me, and I am happy to be going into this field. Now moving forward, I plan to finish my degree and move into the work force. Although as any college student gets closer to graduation the question of Graduate School has to pass their mind at least once; It certainly has for me. While I think I would enjoy getting my master's degree, I also think I need to get my footing in the world first. So, then the questions shifts to what I want my first job to be? With all the job options tech offers, I find myself struggling to pick the exact job I'd like to do... For now, I am going to focus on finishing out my degree and graduating from the school. Who knows, maybe between now and then I'll find the job right for me.



2023 Buck Lively Scholarship Recipients

Chandrika S Singh (Channie)



Over the next two years as an undergraduate arts and sciences double major, I'd like to improve my cumulative college GPA. With regard to my educational journey, I am currently in a research lab in which we test various compounds in phenotypic screenings to kill samples of *Salmonella Typhimurium (in-vitro)*. However, my goal is to take another lab in the fall semester, where I can apply my chemistry skills to cosmochemistry. With respect to cinema studies and film production, I am currently taking a foundational course in film production. The course encourages experimental post-production. I would like to take a similar experimental film class in analog alternatives so that I can not only have experience working with digital cameras but also Super 8mm and 16mm film. Overall, my educational goals as an undergraduate student at the University of Colorado at Boulder is to obtain a bachelors in biochemistry and a bachelor of fine arts in film production.

Marc Wessbecker



Now that I have completed a semester of education I can proudly report that I had a very successful first five months of schooling. While taking a full 15 credit class load consisting of Physics, Calculus, History, and Civil Engineering I finished with a 3.355 GPA. To achieve this grade I had to put in approximately 16 hours a week into just my physics class alone. While I had a good first experience in my classes, I also made sure to take time for myself. During the course of the semester I took part in intramural basketball (in which we made the playoffs), hung out with friends, and spent time at the gym almost every day.

I am super excited for the next semester to begin. I have another first year Engineering load of classes including Chemistry, Composition, Calculus II, and Civil Engineering II. I plan on doing three more intramural sports if possible and I moved my schedule around where my classes are more back to back instead of spread out which will work better for me. In conclusion, I want to again thank you for your partnership in my education.



MID-YEAR CONFERENCE LIVE AUCTION July 14, 2023 - 5:00pm - 8:00pm Beaver Run, Breckenridge, CO

The Annual Mid-Year Conference is right around the corner! Join us for dinner and a LIVE AUCTION on July 14. Bring your contributions and bring your money to participate and raise money for CWWCA's administrative, publication and lobbying efforts throughout the year.

Dinner is included for all fully registered conference attendees or can be purchased a-la-carte for \$50. Register at CWWCA.ORG. (Dinner is not required to attend the Auction)



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Safety First: Injury Prevention

By: Gene Wagner EMT-P and Licensed Pump Installation Contractor



This is a reprint from an earlier article but the information is important and I felt it was worth sharing again.

In the past we have talked about what to do during certain types of emergencies. Today I would like to talk about prevention. Although we cannot prevent all types of medical emergencies we can however cut back on our risk factors. One thing we do have control over though, is preventing most job related injuries.

The first step to take in injury prevention is taking a look at the job to be performed and complete a Job Hazard Analysis form. These can be found on line or you can make your own to tailor to your needs. One of the things this does is it makes us think of the potential hazards associated with a job and how to prepare to eliminate or minimize the hazards. This starts at job preparation and goes clear through the completion of the job. Plan what to do in case of emergency.

Job Preparation: What tools will be needed to perform the job and what equipment is needed? Are all tools and equipment in proper working condition? If the equipment is not in proper working condition it should be made so prior to use. Will there be any special equipment or supplies needed? Do we have the proper PPE? Are all of the personnel who will be performing the task trained to do so? Have a list of people to contact in case of a problem or emergency. A lot of times we are working out of our area. If so it is important to know what the available resources are.

Site preparation: If needed, make the One Call to locate any buried cables or pipelines. Check out the terrain to decide best how to set up the equipment to prevent shifting or rolling. Look for any hazards at the site that may interfere with the performance of the work. I.E; are there overhead power lines nearby that pose an electrical hazard. Have a plan on how to set up the equipment before starting the job. Have escaped routes planned if needed.

Performing the task: Make sure that all PPE is being worn and used properly. Follow safe work practices. Be aware of body positioning when working to avoid injuries. Don't get complacent. Look and listen for problems with equipment that may indicate an upcoming failure. After job is complete, note any problems with equipment that may need addressed.

Post task: After the job has been completed, meet with everyone involved and discuss how things went. Are there any problems we need to address for future jobs? Are there any equipment problems that need to be addressed?

Remember, we only get one shot at life. The more we perform a task the more complacent we get and we tend to put safety on the back burner. It only takes one loss or serious injury to remind us how important safety is. Safety should be the most important aspect of any job.

Thanks for listening!



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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.





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