



COLORADO

Division of Water Resources

Department of Natural Resources

Board of Examiners of Water Well Construction
and Pump Installation Contractors

NOTICE OF GENERAL MEETING OF THE BOARD OF EXAMINERS AGENDA

Date June 3, 2025

Location Hybrid In Person/Virtual Meeting

In Person: 1313 Sherman Street, Room 318, Denver, CO 80203

Please Call Marques Hatfield, 303-607-8290
for access to the building

Virtual Link: [Join with Google Meet](#)

Oral Examinations (In-Person or Virtual) - updated 5/16/25

8:00 am - Mitch Maloof, Laporte, CO, Pumps Less Than or Equal To 100 GPM (In-Person)

8:30 am - William Robert Howell, Dove Creek, CO, Air Rotary Well Construction and Pumps
Less than or Equal to 100 GPM (In-Person)

Regular Meeting 9:00 am


Chairperson - Christopher Sanchez, PG

Vice Chairperson - Vacant

The Board may refer any item contained or discussed under an agenda item to Agenda Item 19
for discussion in Executive Session

1. Call to Order
2. Introduction of Alex Powell, CDPHE
3. Establish a Quorum
4. Vacant Vice Chairperson Seat
 - a. Nominations
 - b. Vote
5. Distribute [Google Form](#) to Attendees to sign-in and request public comment,
6. Review Agenda
7. Approval of previous meeting minutes
 - a. April 1, 2025
8. Report from the State Engineer's Office




9. Report from the Water Quality Control Division
10. Report from the CWWCA Liaison
11. Staff Report -
 - a. Update on Examination and Licensing Activities - updated 06/01/25
 - i. Current contractors - 246, lapsed contractors - 7
 - ii. Licensing Applicants (since last BOE meeting 4/1/25) - approved applications 6, pending applications with paid fee 8, pending applications with unpaid fee 1
 - b. Continuing Education Update - updated 6/2/2025
 - i.  2025 CE Log of Courses - total of 66 courses/meetings to date (40 online, 26 in person)
 - c. Well Inspection Program
 - i. Well Permit Counts
 - ii. Well Inspection Report
 - iii. Variance Report
12. Well Construction Rule Changes
 - a. Upcoming Steps and Publishing Deadlines
 - b. Hearing Debrief, Lessons Learned for Future Rulemaking Proceedings
13. Variance Requests - (Request: Approval, Approval with Modifications to Request, Approval with Requirements for Correction/Repair, Request Additional Details and Reconsider at a Later Date, Denial, Denial with Requirements for Correction/Repair, or Denial with Requirements to Abandon Existing Well/Hole)
 - a. None at this time
14. Review of Active Complaints and Settlement Recommendations
 - a. Requested Board Action
 - i. None at this time
 - b. Status Updates
15. Report from the Attorney General's Office
 - a. John Newman Attorney General Report - This is a background briefing on legal issues in the written report.
16. Old Business
 - a. DWR Legislative Updates
 - i. [HB25-1014 Increase Efficiency In Division Of Water Resources Processes](#)
 - ii. [HB25-1165 Carbon Management & Geothermal Regulation in Colorado](#)
17. New Business
 - a. Drilling Fluid Additive Request - Calcium Carbonate for Loss Control Material
 - b. Ground Heat Exchange (GHX) - Additional Seat on BOE Fill by October meeting

- c. By-Law Revision to Accommodate GHX Seat
 - d. BOE Administrative Rules - Schedule for Opening Rulemaking
 - i. Update Existing
 - ii. Incorporate GEHX Installers
- 18. [Public Comment \(Click Here to Sign Up\)](#)
- 19. Future Meetings
 - a. Tuesday, August 5, 2025, 1313 Sherman St., Room 318 & Online
 - b. Tuesday, October 7, 2025, 1313 Sherman St., Room 318 & Online
 - c. Tuesday, December 2, 2025, 1313 Sherman St., Room 318 & Online
- 20. Executive Session (if needed)
 - a. 19-BC-052, 20-BC-002, 23-BC-012, 23-BC-018, David J. Weber
 - b. Douglas Hasser et. al.: 23-BC-032
- 21. Report from Executive Session
- 22. Adjournment

Virtual Meeting Instructions

To join the meeting click the [link](#) and follow the onscreen prompt to join the meeting.

- *Chrome is the preferred browser*
- You can use your computer for audio (camera/computer speakers) or join with a phone.
 - *Using your computer for audio and/or video is preferred*
- If using your phone:
 - Have Meet call your phone
 - Depending on whether or not you're already in a meeting, choose an option:
 - If you're in the meeting, click More  > Use a phone for audio.
 - From meet.google.com, select the meeting and click Join and use a phone for audio.
If you're in a different domain than the meeting owner, someone in the meeting might need to approve you.
 - Click Call me. Enter your phone number. Click Call me. When prompted, press 1 on your phone.
 - Dial in by Phone
 - (US) +1 508-952-0442 PIN: 771 265 602#
 - Please remember to use *6 to unmute yourself if you are using your phone.
- Google Meet training and help:
<https://support.google.com/a/users/answer/9282720?hl=en#>

AGENDA ITEM 7

Approval of previous meeting
minutes

April 1, 2025



**Board of Examiners of Water Well Construction
and Pump Installation Contractors**

Please find the link to the recording here:

[Recording Link](#)

MINUTES
April 1, 2025

Oral Examinations April 1 BOE Meeting

The below individuals appeared before the Board of Examiners to take their respective oral examinations:

- Randy Conrad, Pompano Beach, FL, Special License to Construct Monitoring Wells that do and do not penetrate through a Confining Layer using Sonic Drilling Methods
- Brant McCoy, Salida, CO, Air Rotary Well Construction
- Tom Dea, Denver, CO, Pumps Both

1. Call to Order

Attendees - On April 1, 2025, the Board of Examiners held its second regular meeting for 2025. Chris Sanchez called the meeting to order at 9:34 a.m. Other Board members present were Todd Hunter, Robert Hillegas, and John Hunyadi (Tim Kunau in partial, virtual attendance). Chris Jones, Shaylee Andreatta (Online), Kevin Donegan, Andy Flor, Marques Hatfield, and Nolan Tanguma (online), and Laura Kalafus attended as Board Staff. Jen Mele and Derek Turner attended from the Attorney General's Office. Licensed Contractor Travis Day (Water Pump Supply and Service, LLC) represented the Colorado Water Well Contractors Association (CWWCA).

In-person: Travis Day, Josh Weaver, OG Blouin, John Pearson, Tom Dea, Michael Howard, Nicholas Hoch, Tim Crawford, and Keith Branstetter

Virtual: Brad Himes, Catherine Finney, Dick Wilson, Jen Lindahl, Jen Mele, Kendra Pearson, Larry Fullenkamp, Lauren Tiedemann Loob, Matt Smith, and Tony Rabbio

2. Distribute Google Form to Attendees to sign-in and request public comment

- a. Form distributed



3. Establish a Quorum

- a. Tim Kunau not present, but quorum established.
 - i. Chris Sanchez stated he will abstain from several items, but a quorum will still be established.

4. Review Agenda

- a. Chris Sanchez stated that public comments will be limited to three minutes
- b. Chris Sanchez moved item 11.e to after 11.b
- c. Chris Jones stated that well count and well inspection count have been added to the packet
- d. Todd Hunter provided two documents he would like shared after item 10.

5. Approval of previous meeting minutes

- a. February 4, 2025
 - i. Todd Hunter motioned to accept minutes as written. Robert Hillegas seconded. Motion carried.

6. Report from the State Engineer's Office

- a. Announced state is entering into a new fiscal year in a significant funding shortfall, so the State Engineer's Office is continuing to look into ways to support the well inspection team


7. Report from the Water Quality Control Division

- a. Announced that annual groundwater summit was held recently

8. Report from the CWWCA Liaison

- a. Travis Day represented CWWCA
 - i. Announced that annual conference is being planned
 - ii. Clarified with Chris Sanchez that Josh Weaver is current CWWCA President, Jason Fegel is Vice President, and Travis Day is Past-President

9. Staff Report

- a. Update on Examination and Licensing Activities - updated 3/28/25
 - i. current contractors - 242, lapsed contractors - 9
 - ii. Licensing Applicants (since last BOE meeting 2/4/25) - 6 approved, 7 pending (updated 3/27/25)
- b. Continuing Education Update - updated 3/27/2025
 - i.  2025 CE Log of Courses - total of 61 courses/meetings to date (38 online, 23 in person)
 - ii. Jason Fegel has replaced Josh Weaver on the BOE CE Committee
- c. Well Inspection Program
 - i. Well Permit Counts
 - 1. Chris Jones presented the report

2. Doug Stephenson has been hired temporarily (April-June 2025) to help with the Well Inspection Program
 3. Data keeps trickling in from prior years; numbers evened out last year, so it no longer looks like a “down year”
 4. Not enough data yet to make a prediction for this year
- ii. Well Inspection Report
 1. Chris Jones presented the report
 2. Numbers have fluctuated, but no cause for concern
 3. Chris Sanchez noted that it seems practices have improved with inspectors on site
 - iii. Variance Report
 1. Marques Hatfield presented the report
 2. Todd Hunter asked if historic records showing trends of variances over the years could be added to the report
 - a. Staff confirmed
 3. Chris Sanchez asked if the denials typically fell under one type of variance
 - a. Marques Hatfield stated that most denials were issued for monitoring well conversion variances

10. Proposed Well Construction Rule Changes

- a. Introduce Latest Draft and Upcoming Process
 - i. Kevin Donegan and Chris Jones presented the new drafts and process
 - ii. Chris Sanchez clarified that the hearing officer deals with procedural matters, but that rulemaking actions are still at the Board’s discretion
 1. Staff and AG Office confirm
- b. Todd Hunter’s Rulemaking Documents
 - i. Jen Mele clarified Todd’s intention with presenting these documents today
 1. Todd stated he would like his stance to be noted for this discussion and for inclusion in the rulemaking process
 - ii. Discussion regarding appropriate procedure for Board comment on the Rules
 - iii. Chris Jones read the Summary of Findings of the first document and the Synopsis of the second document
 - iv. Chris Sanchez asked what the prompt for the A.I. response was
 1. Todd Hunter stated the prompt was essentially “What is the minimal, acceptable grouting interface for groundwater protection”
 - v. Todd Hunter stated his reason for using the A.I. was to, in his view, present an unbiased third party reporting on facts and physics

c. Public Comment

i. Josh Weaver

1. 10.4.16.1 and 10.4.16.4
 - a. Stated that the wording of these rules makes it difficult to install a sump, which is supposed to give drillers a little more room and allow water to trickle down
 - b. Chris Jones responded that contractors can go 20 feet into the underlying material, and it is only once they begin to encounter aquifer material that they will not be allowed to install that sump
2. Josh Weaver expressed appreciation of time and effort that has gone into the rulemaking process

ii. Joel Hellwege

1. Mr. Hellwege suggested that rulemaking process be moved back two years
2. Expressed that requirement of steel in rules rather than PVC creates poor quality wells
 - a. Mr. Hellwege stated that there are new PVC products which can withstand more pressure and heat
3. Chris Sanchez asked that Joel Hellwege follow-up with Chris Jones regarding new PVC products
4. Chris Jones stated that Staff has expanded the use of PVC and bentonite grout in the rules to allow contractors that choice

iii. Brad Himes

1. Stated that Todd Hunter's emails and letters need to be included in public comment instead of being read during the Board meeting

iv. John Pearson

1. Stated that more inspectors and more data are needed
2. Supported Joel Hellwege's request that this process be pushed back two years
3. Explained construction standards, which include the use of a $\frac{3}{4}$ -inch tremie pipe, and the success with that method

v. Travis Day

1. 6.2.1.1.b
 - a. Stated that requiring licensed water well contractors to work on water lines causes complications in areas where those lines can be miles long
2. 6.5

- a. Asked what the consequence for non-compliance is since schedules change constantly
 - i. Staff clarified that this rule was in effect prior to advance notice to encourage communication, but that it is rarely used
 - b. Mr. Day asked if the rule could be removed
 - i. Staff stated that it may help in allegation against a contractor for not responding, but that the Board may interpret it as they see fit
 - 3. 10.4.2
 - a. Chris Jones and Travis Day discuss intent behind this rule and possible change to make meaning for clear
 - b. Staff stated that clarification can be made to convey that only the surface seal is required on Type III wells under this rule
 - 4. Stated that replacement permit needs to track the reason for the replacement
- vi. Tom Dea requested that Board revisions for the March draft be sent to the CWWCA before the Rulemaking Hearing
- d. Request Board Direct Staff to File Draft Rules with the Secretary of State
 - i. Chris Jones asked whether the March version of the Rules should be filed with the state, or whether a new draft including new revisions and comments should be filed
 - 1. Kevin Donegan stated that he believes this would be up to the Board's decision
 - ii. John Hunyadi expressed support for Staff's drafted Rules
 - iii. Robert Hillegas stated support for going forward with March draft, knowing that revisions will appear during the hearing
 - 1. Later stated he has specific revisions to provide
 - iv. Todd Hunter asked if Rules are more protective of groundwater than the previous rules, have gray areas, and if Staff would construct a well to the minimum standards
 - 1. Chris Jones responded that he believes rules are more protective and are moving in the right direction
 - v. Chris Sanchez stated that he does not believe rules are perfect, that it is difficult to create a one-size-fits-all approach to the Rules, and that he has revisions that could be made now or later, but that he feels comfortable pushing forward.
 - 1. Later stated he has revisions to be included before the hearing

- vi. Todd Hunter asked if, in the event an issue with the Rules is found after they are finalized, the Rules can be revised by a policy
 - 1. Jen Mele and Kevin Donegan responded that a small, targeted rulemaking process could be opened to fix those issues
- vii. Robert Hillegas motioned that the Board move forward with the March version of the proposed rules and have Staff file them with the Secretary of State. John Hunyadi seconded. Motion carried.
 - 1. Jen Mele confirmed that the proposed rules, the statement of basis and purpose, and the notice of the proposed rulemaking hearing date will be included in that filing

Break until 10:52

11. Variance Requests - (Request: Approval, Approval with Modifications to Request, Approval with Requirements for Correction/Repair, Request Additional Details and Reconsider at a Later Date, Denial, Denial with Requirements for Correction/Repair, or Denial with Requirements to Abandon Existing Well/Hole)

- a. USDA Forest Service, Buckhorn Ranger Station Well; [Receipt 10034376](#); GWS-31 Denial Appeal.
 - i. Chris Jones introduced the situation
 - ii. Larry Fullenkamp discussed water testing results and plans for treatment
 - 1. Chris Sanchez confirmed with Mr. Fullenkamp that Coliform hit was from a separate hydrant system
 - iii. Robert Hillegas stated his concerns regarding the proximity of this well are alleviated
 - 1. Chris Sanchez agreed
 - iv. Discussion reiterating the request and what action is required from the Board
 - v. Josh Weaver stated that approval of this well does not protect the groundwater resource, just the public water supply from that well.
 - vi. Robert Hillegas motioned that the Board approve the GWS-31 to permit the well. Chris Sanchez seconded the motion. Motion carried.
 - vii. Chris Jones stated that Staff will write a letter to inform the USDA Forest Service of the decision and ensure that the hydrant is not available as a drinking source
- b. Tom Dea of Pumpman Colorado on Behalf of Owner; Receipt C620254, [Permit 254-WCB](#); Appeal of Denial of Variance for Methods to Abandon a well with Stuck Equipment.
 - i. Chris Jones introduced the situation

1. Staff no longer believes the presented permit corresponds with the well structure
- ii. Discussion regarding the possible abandonment methods depending on the construction type and actions Pumpman Colorado had already taken
- iii. Discussion regarding reasons for this situation coming in front of the Board and whether any action can be taken
- iv. No formal action was needed, but Board advised Staff to work with Tom Dea to find a suitable abandonment method
- c. Ojo Springs Drilling and Well Service, LLC and Owner Michael Howard, [Permit 336820](#); Appeal of Denial of Variance to Rules 10.4.5.2.b and 10.4.5.2.c for Non-Standard Construction of Type I Aquifer Penetrating Multiple Confining Layers.
 - i. Chris Jones introduced the situation
 - ii. OG Blouin and Michael Howard stated that the previously constructed wells in shallower aquifers were completely dry
 - iii. Discussion regarding current status of well, details of variance request and denial, and proposed grouting methodology
 - iv. Well owner Michael Howard asked the Board to “consider the taxpayer” in situations like this and in the upcoming Rulemaking
 - v. Chris Sanchez motioned to approve the variance to Rules 10.4.5.2.b and 10.4.5.2.c based on the understanding that the contractor is going to install grout plugs using multiple tremie pipes with, to the best of his ability, a measurement of the tag of the respective grout plugs. Robert Hillegas seconded. Motion carried.

Lunch break from 11:50 to 12:40

- d. BBA Water Consultants, LLC on Behalf of Owner; Appeal of Variance Request Denial for Relief from Rule 14.2.2. and Request to Approve Monitoring Well Construction Information for Proposed Conversion to Production Well:
 - i. [Permit 121346](#);
 - ii. [Permit 121351](#);
 - iii. [Permit 121356](#); and
 - iv. [Permit 121348](#).
 1. Chris Jones introduced the situation
 2. Nicholas Hoch and Tim Crawford provided additional information
 3. Discussion regarding the construction details, parties involved in the construction, and geologic setting of these wells
 4. Discussion regarding the involvement of these wells as monitoring wells in a reclamation project and the reasoning behind the conversion

5. John Hunyadi motioned to approve a variance to Rule 14.2.2.1 and approve the monitoring well construction information for proposed conversion of the monitoring wells. Tim Kunau seconded.
 - a. Jen Mele clarified with Nicholas Hoch that the driller of the wells recalls that they were licensed at the time of construction, but State records show they were not licensed until one year after construction
 - b. Jen Mele clarified with Staff that Rule 14.2.2.1 covers both the conversion of a monitoring well and construction by a licensed contractor
 - c. Motion carried (Four votes - Tim Kunau, Robert Hillegas, Todd Hunter, John Hunyadi)
- e. BBA Water Consultants, LLC on Behalf of Owner; Appeal of Denial of Monitoring Well Construction Information for the Purpose of Conversion to Production Well.
 - i. [Permit 164780](#); and
 1. Chris Jones introduced the situation
 2. Nicholas Hoch and Tim Crawford provided additional information
 3. Conversation regarding the construction of the wells, geologic setting, planned use, and potential action
 4. Mr. Hoch and Mr. Crawford stated the well owner could measure the PVC casing, leaving only the annular space violation
 - ii. [Permit 164914](#).
 1. Chris Jones introduced the situation
 2. Nicholas Hoch and Tim Crawford provided additional information
 3. Chris Jones stated that the motion should consider the following:
 - a. If a pitless adapter is installed, 10 feet of continuous grout must be maintained
 4. John Hunyadi motioned to approve the variance to Rule 14.2.2.1 for item 11.b to allow for the proposed conversion to a production well with the stipulation that if they do install a pitless adapter, they maintain 10 feet of continuous grout, and that they will follow through the stock water permitting process. Tim Kunau seconded. Motion carried (Four votes - Tim Kunau, Robert Hillegas, Todd Hunter, John Hunyadi)
- f. BBA Water Consultants; Creekside Ranch; [Permit 67267-F](#); Non-Continuous Supervision by Authorized Individual for Pond Well Reconstruction; Variance Request to Rules 5.2.3 and 9.1.
 - i. Chris Jones introduced the situation
 - ii. Lauren Tiedemann Loob provided additional information

- iii. Discussion regarding site details, construction plan, and associated risk
- iv. John Hunyadi motioned to approve a variance to Rule 5.2.3 and 9.1 to allow for noncontinuous observation of the construction of the pond well with the condition that the authorized individual submit a construction observation plan for review and approval by Staff prior to mobilization. Todd Hunter seconded. Motion carried.

12. Review of Active Complaints and Settlement Recommendations

a. Requested Board Action

- i. 24-BC-035 - Josh Nothnagle; [Permit 88062-F](#); Installation of a Pump as an Unlicensed Contractor; Request Board Direct Staff to have AG pursue this matter in DC.
 - 1. Chris Jones introduced the situation
 - 2. Discussion regarding what direction Board can give regarding actions in District Court
 - 3. Todd Hunter clarified with Chris Jones that Mr. Nothnagle has not continued to advertise or install pumps
 - 4. Chris Sanchez motioned that, regarding case 24-BC-035, Board direct Staff to have the AG pursue this matter in District Court including the pursuit of fines of \$1,000 plus legal fees. Robert Hillegas seconded. Motion carried
- ii. 25-BC-001 - Daniel Weber; [Receipt 10011375](#); Construction of a Well as an Unlicensed Contractor; Request Board Direct Staff to have AG pursue this matter in DC.
 - 1. Chris Jones introduced the situation
 - 2. Robert Hillegas clarified with Staff that this is the first time enforcement action has been taken against Daniel Weber
 - 3. Action delayed until after Executive Session
 - 4. Following executive session, Chris Sanchez motioned that Board directs staff to have AG pursue this matter in District Court, including penalties up to the maximum \$5,000 dollar as allowed by statute. John Hunyadi seconded. Motion carried.

b. Status Updates

- i. 24-BC-027 - Howard Crandall Jr; Lic No 1229; [Permit 331925](#); Stipulated Settlement to Replace well Misconstructed in a Type I single aquifer. Replacement well constructed; waiting on evidence of Abandonment of original well.
 - 1. Chris Jones provided the update
 - 2. Previous structure abandoned, new well constructed, and Staff now just waiting on abandonment report

13. Report from the Attorney General's Office

- a. John Newman Attorney General Report - This is a background briefing on legal issues in the written report.
 - i. Stated that the AG office will be pursuing contempt of court only in those situations where individuals repeatedly violate Board orders and the court is likely to act

14. Old Business

- a. DWR Legislative Updates
 - i. [HB25-1014 Increase Efficiency In Division Of Water Resources Processes](#)
 - 1. Kevin Donegan provided a summary of the bill
 - ii. [HB25-1165 Carbon Management & Geothermal Regulation in Colorado](#)
 - 1. Kevin Donegan provided a summary of the bill and status update
 - 2. Negotiations with hot springs resulted in support of the bill
 - 3. Chris Sanchez and Kevin Donegan confirmed that the passing of the bill would require the addition of a geothermal expert to the Board and amendment of the Bylaws in the near future
- b. Greg Kennedy, Contractor License Application Review for Pump Installation in Water Systems Less than or Equal to 100 gpm. Board Review for Experience gained while working as unlicensed contractor and when experience cannot be verified because of deceased Contractors.
 - i. Chris Jones introduced the situation
 - ii. Chris Sanchez asked if we have any more information regarding the wells he has constructed
 - 1. Chris Jones responded that no further information has been received
 - iii. Chris Sanchez motioned that the Board denies Greg Kennedy's license application for pump installation. Todd Hunter seconded. Motion carried

15. New Business

- a. Draft Policy 2025-1 - Clarification of Grouting Requirements for Wells Constructed with Driven Casing; Request Board Comment and Approval
 - i. Chris Jones presented the proposed policy
 - ii. John Hunyadi clarified with Chris Jones that the new rules use similar language to this policy, and that the purpose of this policy is to cover construction practices until the new rules are in place
 - iii. Chris Sanchez motioned to direct Staff to finalize Policy 2025-1 for signature by the Board Chair. John Hunyadi seconded. Motion carried

16. Public Comment

- a. No further public comment

17. Future Meetings

- a. Tuesday May 27 - Wednesday May 28, 2025, 1313 Sherman St., Room 318 & Online Potential Well Construction Rulemaking Hearing
- b. Tuesday, June 3, 2025, 1313 Sherman St., Room 318 & Online
- c. Tuesday, August 5, 2025, 1313 Sherman St., Room 318 & Online

18. Executive Session

- a. Todd Hunter motioned to enter executive session. Chris Sanchez seconded. Motion carried. Entered executive session at 2:27 pm
- b. 19-BC-052, 20-BC-002, 23-BC-012, 23-BC-018, David J. Weber Hearing VS District Court
- c. Douglas Hasser et. al.: 23-BC-032
- d. Questions About Rulemaking Hearing Process.
- e. Chris Sanchez motioned to exit executive session. Todd Hunter seconded. Motion carried. Exited executive session at 2:55 pm.

19. Report from Executive Session

- a. Jen Mele provided the report

20. Adjournment

- a. Meeting adjourned at 2:58 pm

AGENDA ITEM 11.c.i

Well Permit Counts

AGENDA ITEM 11.c.ii

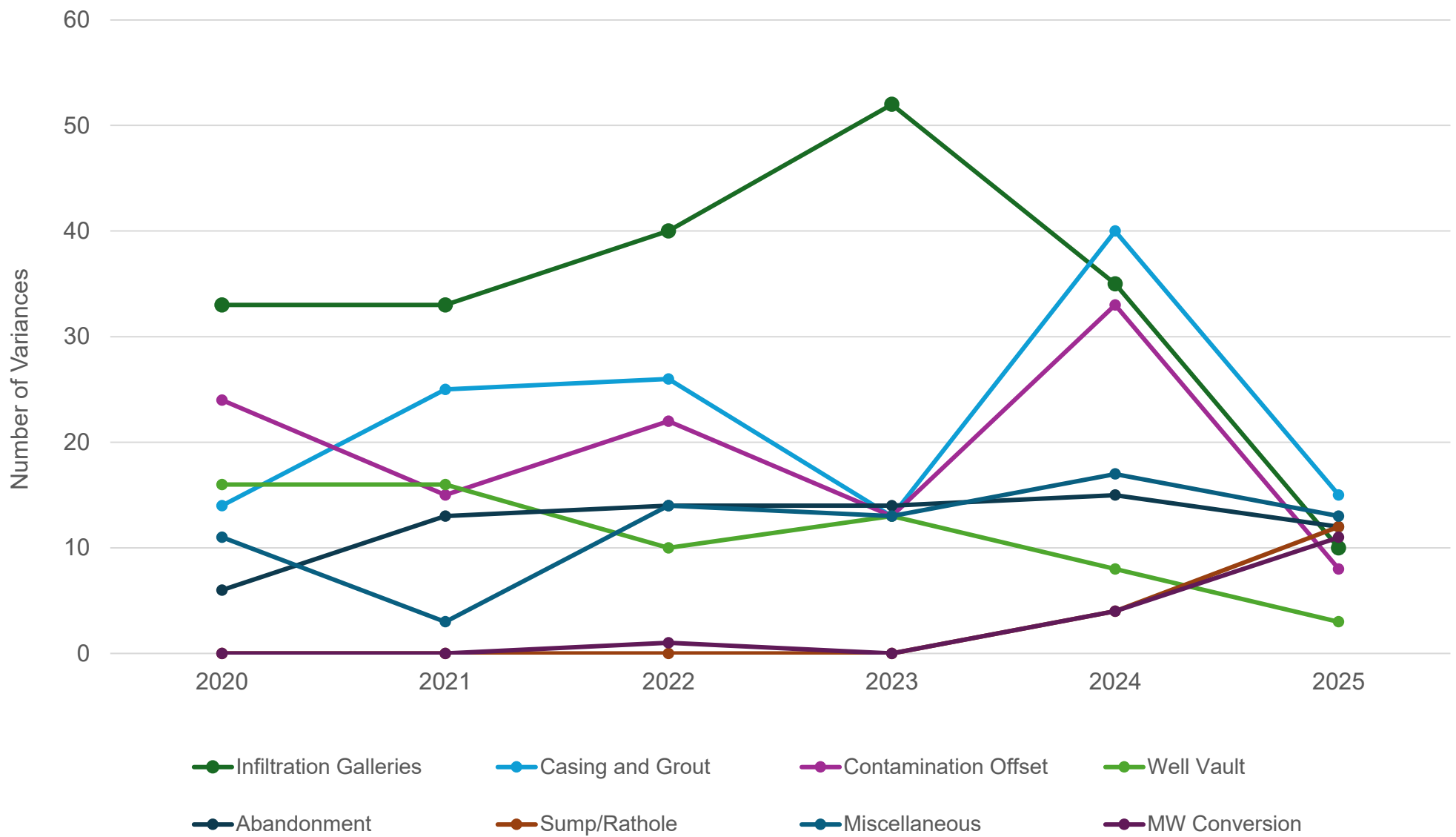
Well Inspection Report

AGENDA ITEM 11.c.iii

Variance Report

Summary of Well Construction Variances by Year						
	2020	2021	2022	2023	2024	2025
<i>Total Requests</i>	107	105	126	140	152	74
<i>Number Approved</i>	103	102	123	136	149	65
<i>Infiltration Galleries</i>	33	33	40	52	35	10
<i>Casing and Grout</i>	14	25	26	13	40	15
<i>Contamination Offset</i>	24	15	22	13	33	8
<i>Well Vault</i>	16	16	10	13	8	3
<i>Abandonment</i>	6	13	14	14	15	12
<i>Sump/Rathole</i>	-	-	-	-	4	12
<i>Type 1L C595 Cement</i>	-	-	-	18	-	-
<i>Miscellaneous</i>	11	3	14	13	17	13
<i>MW/MH to Prod. Well Conversions</i>	0	0	1	0	4	11

Well Construction Variance Trends, 2020-2025



AGENDA ITEM 14

Status Updates

Staff Status Report for Active Complaints

Board of Examiners Meeting - 6/3/2025

Unlicensed Contractors

23-BC-032

DOUGLAS HASSER

Date of Complaint:

County: Baca

License No.:

Permit No.:

9/3/2023

Complaint initiated by: Licensed Contractor

Description of complaint: Advertising for work while unlicensed

Status:

9-3-2023 Received email complaint from Lance James with photo of advertisement for Hasser Well Service, Douglas Hasser in May 22, 2022 issue of "The Tri-State Exchange" which serves "SE Colorado".

9-22-2023 Left message for Mr. Hasser advising him that advertisement for work on pumps in water wells requires a license and requested a call back to discuss. No response.

12-13-23 received an invoice from Lance James showing Hasser Well Service working on a pump in Baca County CO. Note Previous Injunction associated with 18-BC-002 and Prowers County court case 18CV30044

12-14-2023 mailed letter to owner Trahern requesting information about location of the subject well. No response.

2-22-2024 Called John of Semco about his license number on Hasser's paper advertisement.

2-26-2024 sent John of Semco inquiry about Hasser and if he was associated with Semco or a direct employee.

2-29-2024 John of Semco responded indicating Hasser was not a direct employee and not authorized to use his license number.

3-5-2024 Received an add from the Tri-State Exchange from John of Semco, showing Hasser Well Services advertising on February 28, 2024 continuing to use John's license number illegally.

Recommendation: Work with AG to file contempt charges for violation of previous consent decree.

24-BC-035

JOSH NOTHNAGLE

Date of Complaint:

County: Costilla

License No.:

Permit No.: 88062-F

11/1/2024

Complaint initiated by: Well Owner

Description of complaint: Unlicensed Contractor Installed a Pump; Submitted a Late Work Report

Status:

10/31/2024 received email complaint from records about late report (Rule 17.3) and unlicensed contractor Josh Nothnagle plumber (Rule 11.1, 13.3; Admin Rule 6.1; 37-91-105(1), 37-91-111(1)(d)). Upon review also found no disinfection (Rule 15.3, 15.4.2). Found the pump was install on 7/1/2024, production equipment test performed on 9/28/2024 and reported submitted on 10/1/2024. Rule 17.3 says must be submitted within 60 days of any other work required to be reported so report is not late.

11/1/2024 called Josh Nothnagle who is a licensed plumber but not a licensed pump installation contractor. Josh admitted to helping the well owner install the pump. Called Jeremi Keyser, the well owner, who indicated that Josh did physically help install the pump and pumping equipment.

11/1/2024 sent draft letter to AG for review.

12-23-2024 accepted suggestions form John and sent letter to John Hunyadi for signature.

1-10-2025 sent to 3 addresses via certified mail. Also emailed to Josh.

1-28-2025 Certified mail tracking indicates all 3 hard copies were picked up at the post office by customer.

3-3-2025 sent email to Josh asking if he had a response.

Recommendation: Advise BOE and Request Staff work with AG to pursue in DC.

24-BC-039

GREG KENNEDY

Date of Complaint:

County: Adams

License No.:

Permit No.:

11/19/2024

Complaint initiated by: Staff

Description of complaint: Unlicensed Contractor Claims to have recently found out that installing pumps and pumping equipment as a licensed plumber against the Rules and applied for a license, Board did not approve application.

Status:

11/19/2024 Laura Kalafus emailed contractors application. Greg Kennedy, a licensed plumber, requested pump installation license. Claims experience installing pumps. Called Greg and he admitted to not knowing the Rules but that he has stilled pumps, pressure tanks and pumping equipment.

12-3-2024 found facebook posts showing work on wells.

3-28-2025 sent John Hunyadi cease and desist for signature.

3-31-2025 received signed cease and desist from John. Sent electronic certified mail.

5-2-2025 left voicemail for Greg inquiring about cease and desist. Greg called back and indicated he had received the cease and desist and that he had stopped performing the work described in the letter. He also said he was having a lawyer review the letter and BOEs regulations that would not allow licensed plumbers to work on pumping equipment inside houses.

Recommendation: Wait for response or evidence of work on a specific well.

25-BC-001**DANIEL WEBER****Date of Complaint:****County:** Huerfano**License No.:****Permit No.:** 321819

2/20/2024

Complaint initiated by: Well Owner

Description of complaint: Unlicensed Contractor Installed a Well as an Employee of Weber Water Well During Period David Weber's License was Suspended

Status:

2-20-2024 While investigating a complaint against Weber Water from Dennis Balitden (permit 321819), became aware that Daniel Weber (David Weber's son) was the individual onsite performing work while David's license was suspended. See email string from Mr. Balitden.

2-21-2025 sent AG draft cease and desist letter. Wait for review. Sent email to Allen Bonds inquiring if Dan was the individual who constructed that well. Might include in cease and desist.

3-6-2025 received response from AG.

3-9-2025 sent Chris Sanchez copy to sign.

3-12-2025 called Daniel, voicemail was full. Texted Daniel asking for call to discuss complaint. Sent cease and desist via certified mail.

3-19-2025 certified mail tracking indicates letter was delivered.

Recommendation: Advise BOE and Request Staff work with AG to pursue in DC.

25-BC-010**JACOB D HILL****Date of Complaint:****County:** Arapahoe**License No.:****Permit No.:**

5/01/2025

Complaint initiated by: Well Owner

Description of complaint: Unlicensed Contractor Advertising to Install and Repair Wells and Pumping Equipment

Status:

5-1-2025 Greg Kennedy emailed a photo of an advertisement allegedly from the I-70 Scout from April 30, 2025. Advertisement for JD's Excavating advertises for well/hydrant/waterline install and repair. Jacob D Hill. Appears that is the individual behind company based on nextdoor.com possible email Jacobhill202@gmail.com

Recommendation: Continue to Investigate

Licensed Contractors

23-BC-030

HALSEY R. NEWMYER

Date of Complaint:

County: La Plata

License No.: 736

Permit No.: 321914

7/27/2023

Complaint initiated by: Wellowners

Description of complaint: Late Report

Status:

4-14-2023 Received email from Mr. Fonesca, well owner, that NWP Drilling had not submitted a GWS-31 or GWS-32 and that his permit was expiring.

4-18-2023 Sent Ray Newmyer an email inquiring about reports.

4-20-2023 Ray responded via email and indicated he would look into it.

7-25-2023 owner inquired about status.

7-26-2023 No response from Ray sent another email.

7-27-2023 Sent allegation letter.

9-8-2023 DWR received GWS-31 but not GWS-32.

2-1-2024 No response sent email reminder to Ray.

2-2-2024 Sent Stipulated Settlement offer.

4-29-2024 Called Ray he indicated he had received all the documents and would respond prior to the May 23, 2024 BOE meeting.

5-15-2024 received signed stipulated settlement offer via email. I replied to email same day requesting he provide the work reports.

6-10-2024 sent another email requesting work reports. Also sent request to Erica to send invoice.

6-11-2024 Erica emailed invoice to Ray.

7-30-2024 payment not yet received; Erica emailed reminder

7-31-2024 invoice paid

10-24-2024 Called Ray. He promised to have the remaining work report submitted by end of next week. Sent email recapping the phone call.

11-19-2024 Ray sent another GWS-31. The construction information does not match the original GWS-31.

11-21-24 Called Ray who said he would confirm with Seth. Sent email to Ray asking if he was willing to pull the pump while Larry onsite then measure well. Received GWS-32.

11-22-24 Ray called and said the most recent GWS-31 was the correct one. Ray agreed to pull pump while inspector was present and measure well.

1-15-2024 Ray indicated he has not yet been able to make contact with the owner to arrange the work.

1-24-2025 sent email to owner, Ray and Larry in attempt to coordinate pulling pump and inspection.

Recommendation: wait for confirmation of total depth

23-BC-034

DAVID BRINKERHOFF

Date of Complaint:

County: Routt

License No.: 1567

Permit No.: 326018

10/20/2023

Complaint initiated by: Contractor

Description of complaint: Construction Violation

Status:

10-20-23 a contractor brought me the construction report and indicated he felt there were construction violations. My review suggests David perforated steel casing from 20-35' which is through two units, alluvium and Mancos shale violating Rule 10.1.a, .c and .d. See nearby wells constructed in Mancos at depths <340'. Annular space <1" from 12-20'.

Inadequate grout for Type II, but appears he felt he was constructed in Type III. Inadequate disinfectant calc needed about 16.7 oz for entire borehole. Pump installation report also indicates insufficient disinfectant.

3-1-2024 sent email to David requesting call to discuss well construction and pump installation.

3-4-2024 Spoke to David on the phone. He indicated 8 5/8" casing was driven from 12-40'. Acknowledged problem with grout and disinfection.

4-9-2024 Received response to allegation and contractor acknowledged the deficiencies

7-14-2024 received variance request.

7-25-2024 variance issued to abandon sump to 40' with granular bentonite and for discontinuous grout from 2-12' bgs after pitless is moved up from 4' bgs to 2' bgs and grout is backfilled from 4'-2'.

1-23-2025 sent an email to David asking for information about status of repairs.

1-24-2025 David indicated the repairs would occur early spring.

Recommendation: Send stipulated settlement once timing of repairs settled.

24-BC-008

County: Archuleta

MATTHEW BEEMAN

License No.: 1374

Permit No.: 320230

Date of Complaint:

2/22/2024

Complaint initiated by: Staff

Description of complaint: Late Report, Low Grout Density, Inaccurate Information on Work Report

Status:

2-22-2024 Late report, Review of report found grout density of cement (presumed neat cement) was 12 lbs (presumed 12 lbs/gal), also found aquifer type listed as Type 1 single when construction and log suggests Type II overlain by Type III (inaccurate information provided). Confirm aquifer with hydrogeo group.

5-10-2024 Found allegation letter in file but don't see evidence it was sent.

9-24-2024 sent revised allegation letter via mail and email. 12-18-2024 sent email proposing stip set for late report and grout.

1-14-2025 Talked with Matt and educated him about the aquifer type. Discussed the density of the grout indicated on the report and he explained he was unsure what the 12 lbs actually meant as he didn't actually measure it and that is just what he always put on reports, but he did not use water in excess of 6 gal/ sac in the mix. Provided education on how to measure and calculate density of grout mix. Indicated I would send a stipulated settlement only for the late report and not further pursue the allegations for inaccurate information and grout density.

1-23-2025 sent stipulated settlement offer via email and certified mail.

Recommendation: Wait for Response to stipulated settlement

24-BC-023

County: Park

JACK R. ALLEN

License No.: 763

Permit No.: 86850-F

Date of Complaint:

2/13/2024

Complaint initiated by: Staff

Description of complaint: Construction Violation - insufficient isolation of Type III above Type II

Status:

3-29-2024 emailed jack to confirm the 7" surface casing was not driven casing. Jack confirmed not driven casing.

4-2-2024 mailed letter via regular mail, but it contained a typo citing Permit 87983-F.

5-6-2024 Notified jack of the Typo and that I would resend the allegation letter.

5-7-2024 Sent allegation letter via email and regular mail.

5-14-2024 received written response in mail suggesting the geologic log was wrong and revised the log to show shale starting at 25 feet.

7-30-2024 requested hydrogeo group evaluate the geology to determine if this is reasonable.

9-7-2024 emailed and mailed supplemental allegation letter for Rules 17.2 and 17.4

9-17-2024 talked to Jack on phone, who indicated maybe he shouldn't have changed geologic log.

10-17-2024 received signed stipulated settlement and payment of fine.

10-25-2024 Received call from Shaylee while observing repairs that some grout may have made it into the well casing and that contractor had not placed grout to minimum depth required by the variance

12-18-2024 didn't see revised construction report in file. Sent email to Shaylee requesting info on status of repair.

12-18-2024 contractor emailed copy of revised report.

12-19-2024 forwarded revised GWS-31 to records. Shaylee to schedule inspection once snow clears to attempt to tag top of grout.

Recommendation: wait for confirmation of repair.

24-BC-024

County: Weld

HOWARD H. CRANDALL JR.

License No.: 1229

Permit No.: multiple

Date of Complaint:

5/14/2024

Complaint initiated by: Staff

Description of complaint: Failure to provide advance notice for well construction: 82352-A, 315401, 325943, 326007, 327002, 327327, 327512, 328974, 329032, 329033, 329034, 329035, 329054, 329062, 329711, 329985, 330011, 330013, 330157, 330442, 330541, 330654, 330665, 330899, 331489, 331622, 331623, 331897, 331925, 332030, 332121, 332140, 332992

Status:

5-14-2024 Brian previously wrote the allegation letter. CAJ reviewed letter.

5-16-2024 mailed and emailed allegation letter.

5-22-2024 Contractor called and acknowledged violation.

12-19-2024 sent stipulated settlement offer via mail and email.

1-24-2025 received paper copy of stip set back in the mail as "unclaimed". Sent email to Howard asking for an address where certified mail can be delivered.

2-3-2025 Sent email explaining to Howard how the fine was calculated.

3-24-2025 sent email asking for signed stipulated settlement.

Recommendation: send stipulated settlement offer

24-BC-027

HOWARD H. CRANDALL JR.

Date of Complaint:

County: Weld

License No.: 1229

Permit No.: 331925

3/11/2024

Complaint initiated by: Staff

Description of complaint: Well Construction Violation - failure to grout at confining layer; inaccurate information on work report; failure to provide advance notice prior to well construction

Status:

3-11-2024 contractor submitted a GWS-31 without providing advance notice prior to well construction.

4-2024 Brian found construction violations on review of GWS-31.

5-16-2024 mailed and emailed allegation letter.

5-22-2024 Contractor called and acknowledged violation of the construction Rules by failing to grout confining layer above the Upper Pierre aquifer.

5-24-2024 Called contractor to negotiate stipulated settlement for abandonment. Contractor wanted alternative to abandonment but the annulus is too small to repair and be in accordance with the Rules. Unable to come to agreement.

7-30-2024 called Howard to inform him this complaint will be discussed at the 8-13-24 BOE meeting

8-20-2024 Sent stipulated settlement offer via certified mail and email.

8-20-2024 contractor returned a signed pdf of the stipulated settlement.

Recommendation: Advise Board

24-BC-028

HOWARD H. CRANDALL JR.

Date of Complaint:

County: Weld

License No.: 1229

Permit No.: Multiple

5/28/2024

Complaint initiated by: Staff

Description of complaint: No Advance notice 82352-A, 318431, 327002, 327327, 328974, 329032, 329033, 329034, 329062, 329283, 329711, 329985, 330013, 330157, 330442, 330541, 330654, 330665, 330899, 331489, 331622, 331623, 331897, 332140, 332923-A

Status:

5-28-2024 Staff compiled no advance notice complaints for initial pump installation.

12-19-2024 sent stipulated settlement offer via email and mail.

1-24-2025 received paper copy of stip set back in the mail as "unclaimed". Sent email to Howard asking for an address where certified mail can be delivered.

Recommendation: Wait for response to stipulated settlement

24-BC-036

TAYLOR WINEGAR

Date of Complaint:

County: Douglas

License No.: 1576

Permit No.: 336228

11/2/2024

Complaint initiated by: Well Owner

Description of complaint: Construction of Well prior to date permit was issued; construction of well without a valid permit

Status:

11/1/2024 received call from owner Steve Hathaway complaining that contractor Taylor Winegar had not sent him the well construction report for a well constructed in mid September 2024. Owner cited Permit 336228. Upon review found that the permit was issued on 10/21/2024 apparently after the reported date of completion (construction without a valid permit Rule 6.2.1, 6.2.2; knowingly construct well without a permit 37-91-108(1)(d)). Requested owner send evidence that well completion occurred in September.

11/2/2024 Steve sent email containing an image of a text string allegedly between Taylor and Steve on September 13 that the rig had moved out, "everything was gone and the well cap is on. All done." following construction of an apparent 600' well. The email from Steve also contained a photo of Winegar's rig onsite taken September 12, 2024, a photo of a geologic log and a copy of an invoice dated September 19, 2024 from Winegar to Steve at 363 Hill Drive Sedalia.

11/4/2024 invoice suggests a 8.75" hole was drilled to 82 feet and 82.82' of 7" steel casing was billed. The annulus between an 8.75" hole and 7" OD steel casing is less than 2" (Rule 10.4.4)

11-4-2024 talked to Taylor, he needs to look into his records and will call me back.

11-18-2024 no response, called Taylor who admitted the well was unknowingly constructed prior to the permit being issued.

1-17-2025 Steve Hathaway called inquiring about status. Found that records intake received the GWS-31 today. Sent email to Taylor asking about differences in the material lengths and borehole sizes on the invoice vs construction report. Shaylee to coordinate inspection with owner. Sent owner copy of GWS-31.

Recommendation: Send allegation letter.

25-BC-003

DOUG RATHJEN

Date of Complaint:

County: La Plata

License No.: 858

Permit No.: 334236

3/4/2025

Complaint initiated by: Licensed Contractor

Description of complaint: Inaccurate Information On Construction Report; Well Construction Violations

Status:

3-4-2025 Received written complaint from Licensed contractor about inaccuracies found between the information on the GWS-31 and the well in the field. Complaints included inaccurate casing OD, inaccurate depth, failure to include perforation size, use of concrete grout when Portland was reported.

3-24-2025 responded to contractors email and will continue to investigate. Asked for photos or if "concrete" was still present onsite.

4-1-2025 Joel brought two fragments of the concrete apparently from the videos he took onsite and appear to represent the top of the grout plug. 1/4 to 3/4 inch sub angular aggregate in the concrete. An alleged sample of the filter gravel Joel alleges came from the ground adjacent to the well were 1/4 rounded gravel.

4-25-2025 sent email to Larry to inspect this well.

Recommendation: Send Larry to inspect.

25-BC-004

LARRY HERSH

Date of Complaint:

County: Larimer

License No.: 889

Permit No.: 334403

2/5/2025

Complaint initiated by: Licensed Contractor

Description of complaint: Failure to Isolate Type III from underlying Type II aquifer materials; inaccurate Information On Construction Report; Well Construction Violations

Status:

2-5-2025 Received email from Todd Hunter with construction report for 334403 attached. Todd called to express concern about the 40' depth of the base of the reported 7" OD steel casing when the 10" borehole was reported to 60'. Todd also indicated the apparent top of Type II bedrock was at 55 feet and the contractor had only grouted to 40' per the report. Sent email to Larry inquiring about the information on the GWS-31.

2-6-2025 Larry called and confirmed he anticipated the top of bedrock was as reported on the GWS-31. He admitted that the GWS-31 contained the wrong depth of 7" steel casing but that he only grouted from 40' back. Larry emailed a written proposal to repair the well by pulling the existing liner, then replacing the PVC liner and including a formation packer at 70' bgs then grouting from 70' back up to 30 feet. Spoke to well owner on same day to discuss apparent construction violation.

3-10-2025 Owner called back and indicated they wanted to consider other alternatives such as abandoning the well or abandoning the Type II portion of the well to only produce from the Type III portion.

3-28-2025 Called Larry and he indicated he coordinated directly with the owner Chad Washburn and had placed filter pack 3-27 and grouted from 70 back up to 30'

3-28-25. Sent allegation letter to Larry via email. In email proposed stip set of \$600, requirement to apply for replacement permit and to file revised GWS-31. Also indicated well inspector needed to attempt to verify repairs.

3-31-2025 DWR received application for replacement/rework.

Recommendation: Send Stipulated Settlement Offer

25-BC-005

MATT CARROLL

Date of Complaint:

County: Weld

License No.:

Permit No.: 173547-A

3/17/2025

Complaint initiated by: Licensed Contractor

Description of complaint: Unlicensed Contractor's Equipment Observed Repairing Pump/Well

Status:

3-13-2025 received call from Skip Chub who complained that he saw Carroll Excavation and Repair' equipment and named Matt Carroll as an unlicensed contractor pulling a turbine on the property of the Leffler family (at SW corner of CR 35 and CR 74). Well is close to the mapped location of reportedly abandoned Permit 173547, but might have been the replacement permit 173547-A but that well is mapped about 70 feet south.

3-17-2025 Skip sent photos showing a boom truck with a white cab parked at the wellhead. Photo appears to show the red diverter, grey turbine and blue oiling reservoir on the ground adjacent to the casing.

3-18-2025 Well inspector visited site in the afternoon and found the turbine and diverter back on the casing, but unlicensed contractor had demobilized. Top of casing is open and unsanitary. Inspector went to Carol Excavating's yard and took photo of the same apparent boom truck/rig parked in the yard.

3-28-2025 Asked Skip for better quality version of photos he sent on the 17th. 4-11-2025 sent certified letters to Vic Leffler & Sons at address from permit and property address.

4-29-2025 Talked to Russ Leffler (9703812455) about the letter I sent. He claimed that he did the pump work and borrowed Matt Carrolls equipment. He indicated that Matt Carroll did not do the work. I advised him of the WCR. Requested Russ send me a written response.

4-30-2025 Received response via email from Russ. He indicates that Matt did not perform the work and that Russ borrowed equipment from Matt. Russ violated private pump installer Rules.

Recommendation: Send Repair Order. Contact Matt Carroll for his side of story.

25-BC-007

LARRY HERSH

Date of Complaint:

County: Weld

License No.: 889

Permit No.: 336927

4/2/2025

Complaint initiated by: Licensed Contractor

Description of complaint: Construction Violation, failure to grout as required for a Type I single; Well Construction Violations

Status:

4-2-25 Kevin Ingram sent email asking to review a construction report. Kevin later followed with a call to discuss the apparent lack of grout for the confining layer above the Upper Pierre Shale. Upper Pierre Shale was called out below 250' on permit note as a Type I single via hydrogeo review. Called Larry Hersh who confirmed they had not grouted the confining layer above the Upper Pierre. We discussed the feasibility of repair to include pulling the 4.5" OD PVC liner and installing new liner with centralizers and formation packer then tremie grouting the required grouted interval per 10.4.5.1.c as a repair. Would need new permit. Larry wants to talk to his client then he will reach back out to me.

4-25-2025 sent Larry allegation letter via email.

Recommendation: Send Stipulated Settlement Offer with requirements to repair or abandon

Well Owner

24-BC-036

ADAM MICHELI

Date of Complaint:

County: Boulder

License No.: NA

Permit No.: 21029-A

11/7/2024

Complaint initiated by: Staff

Description of complaint: Construction of Gallery Well without a Variance

Status:

11/7/2024 Received question from Records intake regarding a gallery well without a permit. GWS-31 for the gallery well was incomplete and it was sent back to the owner Adam Micheli for revisions. Requested Shaylee Inspect the well.

Recommendation: waiting for inspection results.

25-BC-002

DAVID PROKOP

Date of Complaint:

County: Archuleta

License No.: NA

Permit No.: NA

3/6/2025

Complaint initiated by: Licensed Contractor

Description of complaint: Open Well In Unsanitary Condition; Complainant is asking for well abandonment.

Status:

3/6/2025 Received written complaint from licensed contractor that an open well existed on the property of 86 Oak Drive Pagosa Springs, CO. Utms provided by contractor suggest the well is on the eastern adjacent property owned by the Aspen Springs Sub 1.

3-23-2025 Archuleta County Road and Bridge says Oak Drive is owned by the Aspen Springs Metro District.

4-1-2025 Pam from the Metro District emailed and indicate she did not believe the well was on District ROW and that it was on the property of 86 Oak Drive.

4-2-2025 Ryan from the Metro Dist (9707315656) left message indicating that the well is not on the Metro Dist property and is on Private property. He says he will call back with the owners contact information.

4-18-2025 sent letter to David Prokop owner of 86 Oak Dr via certified mail.

4-25-2025 David called (9707494121) he acknowledged well is on his property. We discussed concepts for abandonment. Discussed his need to investigate well starting with measureing total depth. He agreed to call back to discuss further.

5-8-2025 Called David. He claims to have filled the entire well with sand. Static was a 3' so sand shouldn't have been brought to top of casing. David had not completed consulting with Staff for violated Rule 16.1.2.4 if he didn't consult with a contractor. Sent David an email asking for info about casing ID and amount of sand to attempt to determine if this is a Type II/III well. Probably is. If so proposed removal of upper 5' of gravel and replacement with materials allowed by 16.3.

5-9-2025 David indicated he had added 6, 5gal buckets of gravel. Volume suggests TD of about 30 feet so assume Type II/III. David agreed to remove upper 5 feet of gravel and replace with neat cement grout.

5-22-2025 David left a message indicating the well had been abandoned according to our previous discussion but he needed help with the eform. I sent him a link and directions to login.

Recommendation: Wait on well abandonment report and review.

24-BC-036

DAVID LAWSON

Date of Complaint:

County: Rio Blanco

License No.: NA

Permit No.: 147415

4/24/2025

Complaint initiated by: Travis and Winefred Day

Description of complaint: Forgery of a Signature on a Work Report for Post-Construction Inspection in attempt to register a surface diversion as a groundwater well

Status:

4-24-2025 Received a call from Travis Day indicating that he had become aware that David Lawson had attempted to late register a well and submitted a GWS-68 with Winefred Day's signature. Travis claimed his dad did not sign the letter. That same day received a letter from W.C. Day indicating the same. Claim is that the structure the owner is attempting to register was constructed as a river diversion structure in 1987, was reconstructed by another other owner in 2018-2019, and that the structure was never a groundwater well and is not the structure allowed by variance under Permit 147415. Possible violations of Rules 17.1.7, 17.2, 17.4, for inaccurate information on a work report, 37-91-111 for apparently representing himself as a licensed contractor when he allegedly forged the contractor's signature and CRS 24-3-104(13)(3) for false statements on a State form. Sent email to John Newman to discuss avenues to pursue.

4-29-25 received email back from John that there are avenues to pursue, left message for David Lawson asking to discuss the GWS-68. Received call back and David initially indicated the inspection and report were performed and completed by Mr Day. Pressed him on the penmanship of the blue writing that seemed to match between the information on the GWS-68 and his application and David admitted to completing the inspection information portion of the GWS-68 based on his recollection of

discussion with Mr. Day about a year or so ago, but did not claim to have signed it. Signature does appear to be a different color and pen than the other inspection information. He claims that he gave the report to a friend Lela Ashcraft (970 310 0261) to get it signed maybe a year ago. I asked why it was dated 3-15-25 and he claims to have dated it when he was preparing other documents to submit to DWR. Called Lela who vaguely recalled this paperwork but in the 2022 to 2023 time frame but could not recall if she actually had it signed by Winefred, if she went to their office or if they came to hers. She did not recall if she actually returned it to David. She claims to have moved out of the Meeker area around May 2024.

5-1-2025 I received a call from Deputy Heitt of the Rio Blanco Sheriff Dept mobile (9707069946); Office number 9708789600; case number 25-0060. I sent Mr. Lawson a denial letter for the GWS-68 and indicated DWR could not rely on the information in it. Wenli responded to the email and told Mr Lawson that DWR could not permit the diversion structure as a well.

5-12-2025 Asked Div 6 Dist 43 water commissioner Betty Kracht and Debby Raley for information about the alleged diversion structure. Guidance from AG is that if it is not a well, the Board wouldn't be likely to be able to pursue David for unlicensed contractor work, but there may be other avenues to pursue.

5-13-2025 Betty visited the site and found the diversion structure is a PVC pipe with cobbles between it and the river. It is called the Ruder Diversion and is a known diversion to DWR. Her observations appear to confirm it is not a groundwater well..

Recommendation: waiting for inspection results.

AGENDA ITEM 16.a

DWR Legislative Updates

- i. [HB25-1014 Increase Efficiency
In Division Of Water Resources
Processes](#)
- ii. [HB25-1165 Carbon Management
& Geothermal Regulation in
Colorado](#)

AGENDA ITEM 17.a

Drilling Fluid Additive Request

Calcium Carbonate for Loss
Control Material



STATE OF
COLORADO

Jones - DNR, Chris <chris.jones@state.co.us>

Drilling Fluid Additive

2 messages

chris.jones@state.co.us <chris.jones@state.co.us>
To: kyle@bedrockenergy.com

Thu, May 1, 2025 at 9:08 AM

Kyle,

Please send me an email with your requested additive, a description of its use/purpose and include product/material information sheets. The Board commonly looks for NSF certification in evaluating additives for use in wells. I would then add it to the agenda of the next regularly scheduled Board meeting (June 3 2025) and the Board would evaluate the request at that meeting.

The rule 6.10 (2 CCR 402-2) require the specific approval for drilling fluid additives prior to use.

Thanks

Christopher Jones
Chief Well Inspector

ORIGINAL MESSAGE BELOW -----

Date: 4/30/2025

Name: Kyle Clark

Request:

How does one request additional additives be considered for board approval? If an additive is not explicitly stated in the approval list does that mean it is not authorized for use?

AskDWR page loaded from a link on: <https://dwr.colorado.gov/services/well-construction-inspection>

Kyle Clark <kyle@bedrockenergy.com>

Thu, May 1, 2025 at 10:44 AM

To: chris.jones@state.co.us

Mr. Jones,

I am requesting the use of calcium carbonate as a LCM material. Thanks

-Kyle

[Quoted text hidden]

2 attachments



Calcium Carbonate F M C SDS (1).pdf

103K



Calcium-Carbonate-PDS (1).pdf

177K

Product Data Sheet

Calcium Carbonate

Description CALCIUM CARBONATE (CaCO_3) is ground and sized limestone and is an acid-soluble product that can be used as a weighting agent for drill-in or completion activities. CALCIUM CARBONATE is also used as a bridging agent for fluid loss, lost circulation or wellbore stability applications. CALCIUM CARBONATE is available in powdered grades and flake.

Features and Benefits

- Increases the density of water-based and oil-based drilling fluids.
- Used in drill-in, completions and workover applications.
- Is fully acid-soluble.
- Effective sized-particle bridging agent for filtration, lost circulation and squeezes.
- May be used in cement blends.

Grades:

Excal 100 (Coarse)

Excal 200 (Medium)

Excal 325 (Fine)

Recommended Treatment as required

$$\text{CaCO}_3 \text{ required (ppb)} = \frac{946 \{ \text{final density (ppg)} - \text{initial density (ppg)} \}}{22.52 - \text{final density (ppg)}}$$

Typical Physical Properties

Appearance:	White-grey powder
Specific Gravity:	2.68 – 2.76
Solubility:	Soluble in acid; slightly soluble in water
pH:	8.0 – 9.2

Availability Calcium Carbonate is available in 50 lb. bags.

*All weights are approximate. The information and data contained herein are believed to be accurate and reliable. Bri-Chem Supply Corp. makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.

Calcium Carbonate (F) (M) (C)

SECTION 1. IDENTIFICATION

Product Identifier Calcium Carbonate (F) (M) (C)
Supplier Bri-Chem Supply Corp, 5151 Bannock Street Unit 5, Denver, CO, 80216, 303-722-1681, www.brichemsupplycorp.com
Emergency Phone No. ChemTrec, (800) 424-9300, 24/7
SDS No. 0773

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Carcinogenicity - Category 1A; Specific target organ toxicity (single exposure) - Category 2

GHS Label Elements



Signal Word:
Danger

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Calcium carbonate	1317-65-3	90-100	
Crystalline Silica, Quartz	14808-60-7	>0.1	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If breathing has stopped, trained personnel should begin rescue breathing. Call a Poison Centre or doctor if you feel unwell or are concerned.

Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Call a Poison Centre or doctor if you feel unwell or are concerned.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, DO NOT delay flushing or attempt to remove the lens. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

Product Identifier: Calcium Carbonate (F) (M) (C)
SDS No.: 0773
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Can irritate the nose and throat.

If on skin:

May cause mild irritation.

If in eyes:

May cause slight irritation as a "foreign object". Tearing, blinking and mild temporary pain may occur as particles are rinsed from the eye by tears.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not combustible. Use extinguishing agents compatible with product and suitable for surrounding fire.

Specific Hazards Arising from the Chemical

Does not burn.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

No special precautions are necessary.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Avoid generating dust. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Only use where there is adequate ventilation. Avoid generating dusts. Wear personal protective equipment to avoid direct contact with this chemical.

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

Store in an area that is: cool, dry, separate from incompatible materials (see Section 10: Stability and Reactivity). Store in the original, labelled, shipping container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA = US Occupational Safety and Health Administration.

TWA = Time-Weighted Average. 5 mg/m³

ACGIH® = American Conference of Governmental Industrial Hygienists. TWA = Time-Weighted Average. 10 mg/m³.

Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear tan - white powder.
Odour	Odourless
pH	9 - 11
Relative Density (water = 1)	2.7 at 20 °C
Solubility	Insoluble in water
Other Information	
Physical State	Solid
Bulk Density	157 lb/ft ³ (2515 kg/m ³)

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

May cause mild irritation.

Serious Eye Damage/Irritation

May cause slight irritation as a "foreign object". Tearing, blinking and mild temporary pain may occur as particles are rinsed from the eye by tears.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Can irritate the nose and throat.

Ingestion

Not harmful.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Acute Fish Toxicity: Not determined

Acute Crustaceans Toxicity: TLM96>1,000,000 ppm (Mysidopsis bahia) SPP @ 178.5ppb

Acute Algae Toxicity: Not determined.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

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Mobility in Soil

The product is insoluble in water.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of according to Federal, Provincial or Municipal guidelines or laws.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS Classification

Not a WHMIS controlled product.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

SARA Title III - Section 311/312: Acute health hazard.

SECTION 16. OTHER INFORMATION

SDS Prepared By Bri-Chem Supply Ltd

Date of Preparation August 06, 2015

Disclaimer This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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