

KENTUCKY WATER WELL DRILLER'S QUARTERLY

Fall & Winter 2019
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Monitoring Well in Need of Maintenance?



Photograph was taken by member of Groundwater Section staff.

The Division of Water is Celebrating the 25th Anniversary of the Groundwater Protection Plan Program. Groundwater monitoring is one of many activities covered by 401 KAR 5:037. This monitoring well was inspected by Groundwater Section staff on 11/14/2019 in Henry County, Kentucky. As environmental remediation projects age so does their infrastructure. Kentucky Energy and Environment Cabinet personnel are finding more and more monitoring wells in conditions like this well. Monitoring wells found in such condition should be repaired or properly abandoned by a certified monitoring well driller and a Kentucky Uniform Well Maintenance and Plugging record completed and submitted to the Division of Water by the certified driller.

Notes from Water Well Drillers' Certification Program Coordinator

Scotty Robertson

The Energy and Environment Cabinet implemented Emergency Regulations for water well driller certification and well construction on June 27, 2019. On December 20, 2019, the regulations were promulgated into effect. The final version of the regulations will eventually be available through our webpage:

<https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/GWDrillers.aspx> and via the Kentucky Legislature's webpage: <https://legislature.ky.gov/Pages/index.aspx>.

As a result of these changes certified water well and monitoring well drillers can now have a maximum of two certified well driller assistants working under their direction who with an Affidavit of Supervision may install, modify, or abandon water wells or monitoring wells with the certified driller not being present on the site, but who is ultimately responsible for the drilling activities conducted.

The Groundwater Section strongly suggest that all certified water well and monitoring well drillers and assistants become thoroughly familiar with the newly revised regulations. Along with the change in regulations comes new forms for well drilling activities that are also available on our webpages.

Paperless Office

Groundwater Staff

Although you may have heard this before, the Energy and Environment Cabinet is working toward being a paperless office. Therefore, with the implementation of the updated regulations we hope and expect that the new eLog system will be up and running before the end of February 2020. It is the cabinet's (expectation)intent that the Water Well Drillers Certification program achieves this goal.

This means you should have at minimal an email account established so that you can submit these documents electronically. Preferably you will have establish an account with [Kentucky Online Gateway](https://www.ky.gov) at [MyKentucky.gov](https://www.ky.gov) so that, you can use our new eLog system for submitting Uniform Kentucky Water Well Construction Records and Uniform Kentucky Maintenance and Plugging Records. In the interim you will find these forms on our webpage at: <https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/GWRecords.aspx> .

In Other News

Groundwater Staff

You may have already noticed a more frequent presence of inspectors from the Division of Waste Management on many of your jobsites. This is in direct response to recent regulation changes that effect the Division of Waste Management's various branches including but not limited to the Underground Storage Tank (UST) Branch, and indirectly to the Division of Water because of water well record submittal requirements.

These inspectors will be and have already been reporting any infractions observed of monitoring well installations or abandonments regulations in 401 KAR 6:350. Consequentially you may find that you are receiving letters or emails, and may have been issued a Notice of Deficiency or a Notices of Violation for your drilling activities. Many of you may have already received such emails or phone calls from Groundwater Section personnel for infractions of the well construction regulations.

One of the many infractions being noted is the requirement that a certified driller must be on site at all times during water or monitoring well installation or abandonment operations. The certified driller must have a direct line of site to any drilling operations ongoing and work must stop on these operations should the certified driller leave the site.

These notices you may be receiving may sound trivial but they may result in non-payment for your services or correction to services rendered at the cost of the contracting driller or consultant by the agencies directing the work. These notices may also lead to fines and or suspensions of certification by the cabinet if not properly remedied.

Enforcement will be become more common as field personnel become more familiar with the regulations being implemented now.

[2019 Water Well Driller Certification Renewal Results](#)

Groundwater Staff

This past certification cycle resulted in the certification of sixty-five (65) monitoring well drillers, thirty-four (34) water well drillers and fifty-two (52) combined drillers for monitoring and water wells. We also saw the first six (6) drillers assistants certified. Four (4) are monitoring well driller assistants and two (2) are water well driller assistants.

Certification renewal fees went up due to new regulation going into effect, towards the end of the renewal period from \$100.00 to \$200.00 per year. This year renewal certification fees for drillers and driller's assistants will be \$200.00 each.

The cabinet is urging everyone to renew on our website using the e-Pay link beginning on June 1st, 2020. You can still renew your certification by mail using the renewal application found on the Division of Waters web page. You must remit your certification, proof of training, proof of liability Insurance and proof of surety bond along with your \$200.00 certification fee to Kentucky Energy and Environment Cabinet, Division of Water, Water Well Certification Program, 300 Sower Boulevard, 3rd floor, Frankfort, KY 40601.

[Water Well Driller Certification Renewal Period begins June 1st, 2020](#)

Groundwater Staff

It will not be long before it is time to renew your water well or monitoring well driller or driller's assistant certifications for the certification year (2020 through 2021). The certification renewal period goes into effect on **June 1, 2020**. Your existing well driller's or driller's assistant certification will expire on **June 30, 2020**. A certification renewal application can be downloaded from our new website. The renewal fee is now \$200.00.

From the Division of Water <https://eec.ky.gov/Environmental-Protection/Water/Pages/default.aspx> just click on **Permits, Certifications and Approvals** to get to the Certification Section and click on **Well Driller Certification**. This link will take you to the **Well Driller Certification Program** page at:

<https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/GWDrillers.aspx>.

On this page you will be able to renew your well driller certification electronically through our ePay link. Your current liability insurance, surety bond, and annual training must already be on file with the Division of Water in order to renew your certification on line. Or just click on **Certification Forms and Documents** to access a Certification Renewal Application you can download, print out and remit to: Division of Water, Water Well Drillers Certification Program, 300 Sower Boulevard, 3rd floor, Frankfort, KY 40601. Make checks out to Kentucky State Treasurer.

Groundwater Section News

Groundwater Staff

The Groundwater Section has two recent hires. Aisha Malik who replaced Tekoyia Brown who transferred to another branch and Adam Nolte who replaced Susan Mallette who retired. Aisha will be assisting with the water well drillers certification program and Adam will be working in the Groundwater Protection Plan Program.

Both the water well driller certification program and the groundwater protection plan program are under guidance of the Watershed Management Branch, Groundwater Section Supervisor David Jackson. The section consists of four (4) personnel. The Groundwater Section provides technical assistance on groundwater issues to the public and other government agencies across the state.



David Jackson, P.G., Supervisor,
Geologist Registered



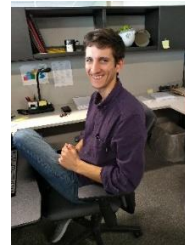
Scotty Robertson, P.G., Environmental Scientist V,
Water Well Driller Certification, Program Coordinator



Kurtis Spears, G.I.T., Geologist II,
Ambient Groundwater Monitoring,
Program Coordinator



Aisha Malik, Geologist I,
Water Well Driller Certification,
Program Administration



Adam Nolte G.I.T., Geologist II,
Groundwater Protection Plans,
Program Coordinator

Water Well Driller Certification Board Meeting

Groundwater Staff

The Water Well Drillers Certification Board met on October 25, 2019 for a regular board meeting and again on November 22, 2019 for a Notice of Violation hearing. The board will meet again on February 27th at the Holiday Inn East on Hurstbourne Lane in Louisville, KY. The board meetings are open to the public and certified water well and monitoring well drillers are welcome to attend. If you know you will be attending please let Scotty Robertson or Aisha Malik know so seating arrangements can be made in advance.

Kentucky Groundwater Association News

Groundwater Staff

The Kentucky Groundwater Association's 2020 Annual Tradeshow and Workshop will be held on February 27th and 28th at the Holiday Inn East on Hurstbourne Lane in Louisville, KY. The address for Holiday Inn is 1325 S. Hurstbourne Parkway, Louisville, KY. and their phone number is (502) 426-2600. Drillers and drillers assistants can get up to 8 hours of training credits at this year's workshop. Below is an excerpt from the KYGWA Notice:

“The hotel will have a block of rooms reserved for the KYGWA until February 12th, 2020. Make sure to mention you are with the KYGWA to get your discounted room rate. After February 12th, room specials will be gone.

If you haven't already registered for this year's show, please do so quickly. It will help you get signed in quicker at the show and it will be very helpful for the registration volunteers. The pre-registration deadline is February 7th, 2020 and the fee is \$125/person. This covers your KYGWA membership and the trade show registration. If you don't get pre-registered, the cost after February 7th will be \$175/person, including registrations on the day of the show. If you bring a spouse or friend not wanting CEU hours, the cost for them is \$65/person, which covers the cost for them to attend the show and to be able to eat from the buffet.

One of the big changes in our trade show this year will be the addition for more CEU hours. Kentucky has changed their laws to allow for driller's assistants. This basically allows newer drillers the opportunity to drill water wells and/or monitor wells without being a state licensed driller. They will still be drilling under the direct supervision of a state licensed driller, but the licensed driller is not required to be onsite during the drilling operations. The driller assistant is also required to pass the state water well and/or monitor well test, but not required to pass the NGWA test. They will be required to obtain 8 hours of CEU hours per year. With this change for the state, our trade show will offer up to 8 CEU hours as required for the driller's assistant. In the past, the show has only offered up to 6 CEU hours. This is a big change for our state and for our trade show!

Also, please come prepared and ready to bid at the auction that benefits the KYGWA Scholarship Fund, which will be following dinner on Thursday night. Our vendors along with others always bring some really nice items to bid on and the money goes for such a great cause.

Please visit our website www.kygwa.org for information on the hotel including room specials and also for an updated class schedule once finalized. We hope to have it finished soon, so watch your inbox!

If you have any questions or concerns about the trade show, classes/schedules, hotel questions, etc., please contact Amos Moses. His cell number is (606) 521-4783 or you can email him at amos@mosesdrilling.com.

We are excited to see everyone at this year's trade show! It should be a great show and we thank you for being part of it!"

National Groundwater Association Training

Groundwater Staff

The National Groundwater Association offers an abundance of alternate training resources for those that can not attend the annual KYGWA Tradeshow and Workshop. Some of this training is free to the online user through their webpage, while others will require attendance and a fee. In either case if you wish to receive credit for taking or attending this alternate training you must first request Division of Water Approval. This must be obtained prior to taking these classes if you wish to use as credit for meeting the Kentucky training requirements.

2020 NGWA CONFERENCES, SHORT COURSES, AND WORKSHOPS

- February 24-25, 2020 — [NGWA Water, Energy, and Policy in a Changing Climate Conference](#)
- March 3-4, 2020 — [2020 NGWA Groundwater Fly-In](#)
- May 28-29, 2020 — [NGWA Workshop on Groundwater in the Northwest](#)
- August 5-6, 2020 — [Fate of PFAS: From Groundwater to Tap Conference](#)

2020 NGWA ONLINE, ON-DEMAND COURSES

- [Crafting Scientific Documents and Creating Effective Presentations](#)
- [Grouting Methods for Water Supply Wells](#)
- [Introduction to Groundwater Resources](#)
- [Safe Practice in the Groundwater Industry: An NGWA Certificate Program](#)
- [Selection and Operation of Meters for Safe and Successful Electrical Troubleshooting for Water Well Pump Systems](#)
- [NGWA Recorded Webinar Package](#)

Quick Links

- **Find a Driller (map):** <https://kygis.maps.arcgis.com/apps/webappviewer/index.html?id=fd4ed083e46b462b8a49f1797aeaaff9>
- **Find a Driller (Directory):** <https://eec.ky.gov/Environmental-Protection/Water/Reports/Reports/DrillerDirectory.pdf>
- **Forms and Application:** <https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/GWDrillers.aspx>
- **Training Resources:** <https://eec.ky.gov/Environmental-Protection/Water/GW/DocsDrillerProgram/DrillerTrainingResources.pdf>
- **Kentucky Groundwater Association:** <http://www.kygwa.org/>
- **National Groundwater Association:** <https://www.ngwa.org/>
- **NGWA Exams:** <https://candidate.psiexams.com/catalog/displayagencylicenses.jsp?catalogID=334>
- **Division of Water:** <https://eec.ky.gov/Environmental-Protection/Water/Pages/default.aspx>
- **Groundwater:** <https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/default.aspx>
- **Water Well Information:** <https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/GWOwnerAssist.aspx>
- **Open Records:** <https://eec.ky.gov/pages/Open-Records.aspx>
- **KY Groundwater Data Repository:** <https://kgs.uky.edu/kgsweb/DataSearching/watersearch.asp>
- **Groundwater Protection:** <https://eec.ky.gov/Environmental-Protection/Water/GW/Pages/GWProtect.aspx>

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Kentucky Ground Water Association

2020 Trade Show – Exhibit Space Registration

Remit Payment To:

Kentucky Ground Water Association
153 Booger Hollow Road
Gray, KY 40734

For Questions, Please Consult:

Amos Moses, Event Organizer
amos@mosesdrilling.com
PH. (606) 521-4783
Fax. (866) 896-0184

Company Name: _____

Contact Name: _____

Company Address: _____

City: _____ State: _____ Zip: _____

Company Telephone: _____ Fax: _____

Email: _____

Exhibit Space/Cost:

This is a table top show. Each exhibit space is approximately 8’ wide by 6’ deep. Each registration includes one table, chairs and registration for up to 2 people. Additional vendor personnel may attend for a fee of \$65.00 per person. Booths with electrical connections are available for an additional charge of \$30.00.

Set-Up/Show Times:

Set Up begins at 9:00am (EST) on Thursday, February 27th. Potentially, exhibitors may be able to setup on Wednesday evening if no other events are scheduled that day. You can check with Amos closer to time and verify earliest setup times. All exhibitors should be set up by 11:00am on Thursday as the show opens at 12:00pm through 7:00pm and then Friday from 7:00am through 1:00pm. There will be hors d’oeuvres, a meal, and a silent auction on Thursday night and a buffet breakfast on Friday morning.

_____ Number of Booth Spaces @ \$495.00/space _____ Number of Electrical Connections @ \$30.00/each

Please List ALL Names Attending Trade Show

Name	Email	Cell

February 27th-28th, 2020

Holiday Inn – Louisville East Hurstbourne
1325 South Hurstbourne Parkway
Louisville, KY 40222
(502) 426-2600