

# KENTUCKY WATER WELL DRILLER'S QUARTERLY

Spring & Summer 2019  
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**David Jackson, Supervisor Groundwater Section inspecting an old hand dug well in Muhlenberg County.  
By Groundwater Staff.**

## **Notes from Water Well Drillers' Certification Program Coordinator**

### **Scotty Robertson**

The Energy and Environment Cabinet recently updated its website design and created new website links, in order to better serve you.

The Energy and Environment Cabinet's new website link is:

- <https://eec.ky.gov>

The Department of Environmental Protection's new website link is:

- <https://eec.ky.gov/Environmental-Protection>.

The Division of Water's new website link is:

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

## **Water Well Driller Certification Renewal**

### **Groundwater Staff**

It is time to renew your water well or monitoring well certifications for the upcoming certification year (2019 through 2020). The certification renewal period was effective on **June 1, 2019**. Your existing well driller's certification expired on **June 30, 2019**. Due to the fact that we are amending the regulations for setting forth requirements for the certified water well and monitoring well driller assistants, which is requiring the development of new and renewal forms for water well and monitoring well drillers, as well as, the new assistants has created a slight hiccup in the way that we usually do business. Currently our new and renewal forms are available online, therefore, they can be downloaded from our website. You can still renew through our ePay feature following the steps that are outlined below. However, if you need a new or renewal application form, we are encouraging our drillers to contact Scotty Robertson, Aisha Malik or me, David Jackson, by email or telephone in order for us to get the correct application to you. Instructions for ePay:

From the Division of Water link click on **Permits, Certifications and Approvals**, then click on **Well Driller Certification**. This 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 can renew your well driller certification electronically through our ePay feature. Your current liability insurance, surety bond, and annual training must be up-to-date, and already on file with the Division of Water in order to renew your certification on line. Remember, new and renewal fees are now \$200 per license effective June 27, 2019.

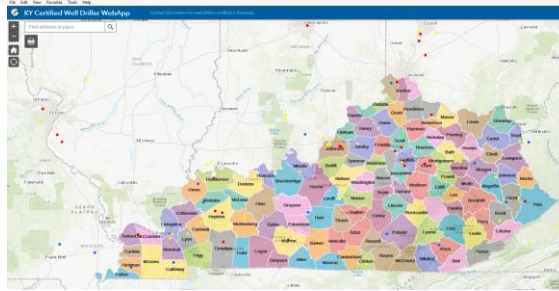
## [Water Well Drillers Web Application Map and Directory](#)

### Groundwater Staff

As directed by KRS 223.420 the cabinet must maintain and publish annually a register showing the names and addresses of certified water well drillers and distribute a copy of same to each certified individual free of charge. To this end the cabinet created a new interactive map that allows users to locate drillers licensed in the state by looking at a general location on a map of the Commonwealth. To utilize this tool from the driller's program webpage click on **Find a Driller (map)**. The application address is:

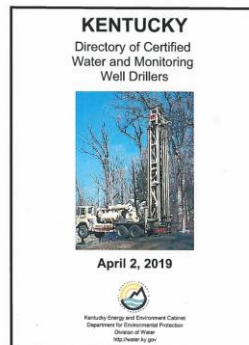
<https://kygis.maps.arcgis.com/apps/webappviewer/index.html?id=fd4ed083e46b462b8a49f1797aeaaff9>.

There you will find a map of the Commonwealth of Kentucky and surrounding states. There are red, blue and yellow dots on the map. Each represents the office or company location of a certified driller. Blue dots represent certified water well drillers, red dots indicate monitoring well drillers and the yellow dots represent drillers certified for both water and monitoring well work. If you click on any of these dots a box will appear containing the company name, certification type, and contact information for the certified well driller. Every company employing a well driller that is currently certified to do work in Kentucky is listed.



For those of us who remember “Ma Bell” and still like this information in a directory of sorts, this information is also compiled in an up-to-date Drillers’ Directory and can be viewed and download from our webpage as well:

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



## **Water Well Driller Certification Board Meeting**

### **Groundwater Staff**

The Water Well Drillers Certification Board met on February 28, 2019 at the 2019 Kentucky Groundwater Association's Annual Expo in Louisville, Kentucky. At that time, the board was notified that Senate Bill 32 an amendment to KRS 223.400-460 to include definitions and language to allow for the certification of Water Well and Monitoring Well Driller Assistants had been successfully introduced into the legislature and had passed both the Senate and House. The bill was signed into law by Governor on March 11, 2019. The new amendments to KRS 223 were effective on July 1, 2019.

The next board meeting will be held on June 28, 2019 at 9:00 a.m. at DOW Central Offices located at 300 Sower Boulevard in Frankfort, Kentucky on the first floor in Conference Room 110.

## **Water Well Driller Certification Regulations Are Being Updated**

### **Groundwater Staff**

On July 1, 2019 the amendments to KRS 223.400-460 will go into effect. The new amendments to the law required the drilling and well construction regulations 401 KAR chapter 6:001, 320, 310, and 350 to be updated as well in order to meet the new requirements for allowing certified water well and monitoring well driller assistants. To date, the regulations have been updated, reviewed and published by the by the DOW. Public comment on the regulation changes are currently on going. The public comment period is for 30 days and ends on August 31, 2019. If you have questions or concerns with the proposed regulation changes, there are instructions contained in the Public Notice on how comments shall be submitted.

## **Change in Driller Fees**

### **Groundwater Staff**

Approved amendments to KRS 223 has brought about a change in fee structures for the coming renewal year. If you have not already noticed, new and renewal certification fees have increased to 200 dollars per license held. Driller application fees increased from 25 dollars to 50 dollars per license applied for, which is the same for new driller assistants. And, Kentucky examination fees increased from 40 dollars to 80 dollars per certification applied for. The fee changes were effective June 27, 2019 and are emplace for the foreseeable future.

**New Fee Schedule**

	<b>Costs:</b>
Water Well Driller Application Fee	\$50.00
Monitoring Well Driller Application Fee	\$50.00
Water Well Assistant Driller Application Fee	\$50.00
Monitoring Well Assistant Driller Application Fee	\$50.00
Kentucky Water Well Driller Exam Fee	\$80.00
Kentucky Monitoring Well Driller Exam Fee	\$80.00
Kentucky Water Well Assistant Driller Exam Fee	\$80.00
Kentucky Monitoring Well Assistant Driller Exam Fee	\$80.00
Kentucky Water Well Driller Certification Fee	\$200.00
Kentucky Monitoring Well Driller Certification Fee	\$200.00
Kentucky Water Well Assistant Driller Certification Fee	\$200.00
Kentucky Monitoring Well Assistant Driller Certification Fee	\$200.00

**Certification Requirements****Groundwater Staff**

New application forms and renewal certification applications will require the applicant to specify the drilling methods they use when drilling a borehole for well installations. There are seven methods approved for the drilling water wells that are available for Kentucky certified water wells drillers:

**CABLE TOOL DRILLING**  
**JETTED WELLS**  
**REVERSE ROTARY DRILLING**  
**AIR ROTARY/HAMMER DRILLING**  
**MUD ROTARY DRILLING**  
**AUGURING AND MONITORING DRILLING**  
**SONIC DRILLING**

There are seven methods now approved for the drilling of monitoring wells that are available to Kentucky certified monitoring drillers:

CABLE TOOL DRILLING  
JETTED AND DRIVEN WELLS  
REVERSE ROTARY DRILLING  
AIR ROTARY/HAMMER DRILLING  
AUGURING AND MONITORING DRILLING  
SONIC DRILLING  
DIRECT PUSH DRILLING

You may have noticed driven wells do not appear in the in the approved methods for water well drillers, and that mud rotary does not appear in the list of approved methods for monitoring well drillers. Driven well have not been sanctioned by DOW as an approved method for the installation of a water well since the regulatory changes instituted in November 2008. Mud rotary methods for monitoring well installation was removed as an approved method in this years regulatory updates. Mud rotary can still be used to install monitoring wells in Kentucky, however the certified driller must apply for a variance per 401 KAR 6:350 Section 1(6) to use this method.

The new drilling certificates and new wallet cards issued will identify what methods the water well, monitoring well or assistant drillers will be certified for. The methods the driller may use will be based on their applications and data already on file with the cabinet. If you are issued a certificate and wallet card where you feel that the drilling information is incorrect, you as the driller must contact this office immediately to address the situation.

Those persons applying for an assistant driller certification will not be required to take and pass the NGWA General Drilling Examination. However, in order to work without direct supervision from a Certified Water Well Driller, certified driller assistants must submit an Affidavit of Supervision to the cabinet as part of the application process, and an assistant driller must take eight hours of annual continuing education training each year. Circumstantially, a certified water well or monitoring well driller will not be allowed to have in their employ more than two certified driller assistants at any given time.

## **New Forms Update**

### **Groundwater Staff**

As a result of updates to the KRS 223, new forms have been created for submitting well construction, modification and abandonment records. In an effort to meet cabinet-wide requirements associated with the Paper Reduction Act, the DOW website will soon allow for the electronic submission of eLogs for water well construction, maintenance and plugging, water well and monitoring well variance requests, and bacteriological reporting forms. Downloadable forms for submitting paper versions will still be available and accepted. Currently these new forms are not available for downloading, however they eventually will be available on the EEC website at:

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

## **Farwell to a Friend and Mentor:**

**David Jackson**



The Groundwater Section, Water Well Drillers' Program is sad to announce the passing of Chester Bojanowski. Chester passed away at home Saturday, August 3, 2019. He was 93 years old!

Chester had a long and distinguished career working for both the federal and state government. Many of you knew Chester personally. Chester had a reputation for being a stickler for the regulations and a no nonsense kind of guy. He was that.....but he was also much more. Chester had a big

heart and often took the side of the underdog. He was a great mentor to me, an excellent geologist, and friend to drillers throughout the Commonwealth. Chester will be missed tremendously for even after he left the drillers' program and retired from state government, I would still often called him to get his perspective on things. Services for Chester were held at Harrod Brothers Funeral Home on Saturday, August 10, 2019, 2:00 p.m. with Rev. Dr. John Opsata officiating. Committal services were held at Walnut Hill Cemetery, Leitchfield, Kentucky on Sunday, August 11, 2019. A proclamation was issued to Mr. Bojanowski's family by the House of Representatives, signed by the Speaker of the House and Representative Derrick Graham, acknowledging Chester's contributions to the state as a citizen of the Commonwealth!

The following is taken from his obituary and I would like to say in closing.....rest in peace Mr. Bojanowski.....a job well done!!

Chester Bojanowski was born June 13, 1926, in Hartford, Connecticut to the late Stanley and Sophie Kasica Bojanowski. He was a proud WWII veteran of the Army of the United States. He held a geology degree from the University of Connecticut. He retired from the federal

government after 30 years of service as a cartographer for the Geological Survey. Following his retirement, he began a new career in the Cabinet for Natural Resources, Kentucky State Government. Chester was united in marriage for 63 years to his beloved wife Mary Helen who passed away in August 2014. Together they traveled the world exploring Europe, Southeast Asia, Australia and New Zealand. At home he enjoyed vegetable gardening and being a “handy man.” He was a member of First Christian Church.

He was a loving father and grandfather to his son, Jeffrey Bojanowski (Cathy) of Lexington; and grandchildren, Dr. Matthew Bojanowski (Cherly Sanchez), Miami, FL and Anne Bojanowski, Brooklyn, NY.

In addition to his wife and parents, he was preceded in death by two sons, Thomas Franklin Bojanowski and Jonathan Keith Bojanowski; and three sisters.

## **Other News**

### **Groundwater Staff**

The Groundwater Section is pleased to introduce Aisha Malik, Geologist I, as a new employee in the Certified Well Drillers’ Program. Aisha replaced Tekoyia Brown who left the program in December of 2018.



## **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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