

KENTUCKY WATER WELL DRILLER'S QUARTERLY

Winter 2016

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Energy and Environment Cabinet Move is Now Completed!

Scotty Robertson

Our move to the new home of the Energy and Environment Cabinet, Department of Environmental Protection, Division of Water headquarters is now complete. Our offices are now located at 300 Sower Blvd. in Frankfort, KY. The Water Well Drillers Certification Program is part of the Groundwater Section, in the Watershed Management Branch, of the Division of Water. We are located on the third floor of the new building.

The old the Division of Water phone number (502-564-3410) is still active but you can now contact us directly using our new direct telephone numbers. So in order to reach someone in the Groundwater Section about drilling or groundwater issues please refer to the following list of telephone numbers:

David Jackson, PG	Supervisor Groundwater Section	502-782-6986
Scotty Robertson, PG	Water Well Drillers Certification Program Coordinator	502-782-7054
Tekoyia Brown (TK)	Water Well Drillers Certification Administrative Coordinator	502-782-6902
Susan Mallette, PG	Groundwater Protection Plan Program	502-782-7006
Sean Vanderhoff	Non-Point Source Programs	502-782-7119

Our old Fax Numbers, 502-564-9636 and 502-564-9899 have been disconnected. The new DOW Fax Number is: [502-564-4254](#)

You can still reach us at our email addresses:

davida.jackson@ky.gov
scotty.robertson@ky.gov
susan.mallette@ky.gov
sean.vanderhoff@ky.gov
tekoyia.brown@ky.gov

Mailing Address:

Division of Water
Water Well Drillers Certification Program
300 Sower Boulevard, 3rd Floor
Frankfort, KY 40601

Please provide the above address change to your Liability Insurance and Surety Bond Carriers. We hope to be getting new business cards sometime in the future.

Kentucky Environmental Protection eForm Submissions to Change in 2017

Major changes are coming concerning submittal of Department for Environmental Protection (DEP) eForms. Access to the forms and how to submit them are changing to an account-based web application due to federal requirements under the Cross-Media Electronic Reporting Rule ([CROMERR](#)). Under the rule, DEP is required to provide identity-proofing of individuals who electronically submit files and data to our agency.

What does this mean for you?

Beginning February 6, 2017, individuals submitting electronic notices or reports using a DEP eForm will be required to have an account through Kentucky One Stop Business Portal accessed at: <https://sims.cot.ky.gov/Account/createaccount>.

If there is a notification or report to be submitted to the cabinet after the above date using a DEP eForm, you must set up a user account. You will still need your four digit PIN # from the Water Well Drillers Program to access and sign the eForm document.

If you already have an account through Kentucky One Stop Business Portal, including accounts associated with Department of Revenue, Department of Transportation, or for other personal business, you do not need to set up a new account. However you will be required to sign in using that account's password. The goal is to have a shared logon account across Commonwealth websites and services!

Which forms are associated with eForms?

DEP eForms are currently used by various DEP regulatory programs for submission of data and information. Some of the current eForm submittals include those for the Division of Water Uniform Kentucky Well Records, Notice of Intent activities for coverage under some general permits, industrial stormwater and construction activities, and Division of Waste Management Underground Storage Tank submissions.

Please note: The above list is not all-inclusive, and not all electronically submitted information is associated with an eForm. For example, if you are submitting data through DEP's ePortal, you should continue to submit these data through <https://dep.gateway.ky.gov/eportal/>, because these documents and notifications are not affected by this change.

Where can I get more information?

Frequently asked questions about this change, how to create an account with Kentucky One Stop Business Portal, and DEP's implementation of the [CROMERR](#) requirements are available at <https://dep.gateway.ky.gov/eForms/eFormsFAQs.htm>. For assistance with establishing an account, please contact Kentucky One Stop Business Portal at 502-782-8930 or email KYBOS.SUPPORT@ky.gov. Any technical questions related to DEP requirements or eForm contents may be directed to the Division of Compliance Assistance by calling 502-564-0323 or sending an e-mail for assistance to envhelp@ky.gov.

Notes from Water Well Drillers' Certification Program Coordinator

Scotty Robertson

The Division of Water has received numerous requests from citizens looking for water well drillers with special capabilities and equipment. We also receive hundreds of requests to locate drillers to drill water wells in specific locations within Kentucky. The Division of Water can not recommend one driller over another or one company over another.

When queried, DOW personnel normally direct the person to the drillers directory, or give them the names and numbers of at least three drillers we know who work in that particular area.

The Water Well Drillers Certification Program's website has a link to a directory of certified water well and monitoring well drillers in Kentucky. The website also has a map of Kentucky certified drillers and the counties where their offices are located; if they are located in Kentucky. This map also lists certified drillers from surrounding states, but does not show their office locations. The map does not indicate areas of service for drillers in or out of the Commonwealth. If you look at the map you will notice that there are as many out-of-state certified drillers as there are in-state drillers.

To DOW personnel fielding these inquiries, it would be helpful to know in what counties you are willing to work within Kentucky and the capabilities and equipment you and your company are able to provide.

As an example, every year the DOW receives multiple calls for domestic water well drilling in Jefferson County, Kentucky. Needless to say, many certified water well drillers located in Louisville do not install domestic water wells. However, there are out-of-state certified drillers working in Jefferson County that do install domestic water wells. The public, when consulting the directory cannot discern this fact.

A directory compiled and supplying this information could be shared with the public and regulatory agencies, and could be used to advertise your services on the KYGWA website. A service we think the drilling community should consider.

The Water Well Drillers Certification

Groundwater Staff

The annual 2016/2017 renewal certification period ended August 31 of last year. If you did not renew your water well or monitoring well driller's certification you can no longer be able to legally drill water wells and or monitoring wells within the boundaries of Kentucky. If you allow your certification to lapse for two years or more you will have to retake the Kentucky exam in order to renew your certification. You will also have to provide proof of annual training during the lapsed certification period, along with a current certificate of liability insurance, and

the posting or proof of an active performance bond, in order to renew your water well and/or monitoring well certification.

During this renewal period the Division of Water certified sixty-eight monitoring well drillers, thirty-one water well drillers and sixty combined water well and monitoring well drillers. Currently, there are 159 well drillers certified to work within the boundaries of the Commonwealth. Nine of these certified drillers are new to the program. Please help us welcome into the fold the following newly certified drillers.

Name	Company	Certification
Matthew Bailey	Contract Dewatering Services	Water
Robert Hamilton	Frontz Drilling	Both
Bradley High	American Engineers, Inc.	Monitoring
Brent Jones	RA Simmons Drilling	Both
Jeremy Leckrone	Frontz Drilling	Both
Greg Thompson	Stantec	Monitoring
Lonnie Wanstrath	Geotechnology Formerly Thelen Associates, Inc.	Monitoring
Frederick Wonitzek	SRW Environmental Services, Inc.	Monitoring
Sam Tripp	Brotcke Well and Pump Inc	Water Well

2017 Well Drillers’ Certification Program Board Meetings

Groundwater Staff

The next meeting of the Water Well Drillers Certification Board will be held March 1, 2017 at 6:00 PM EST at the Holiday Inn East in Louisville, Kentucky. On the agenda will be discussions of old and new business including Closed Loop Geothermal Borehole Driller Certification and Apprentice Driller Certification. All board meetings are open to the public and all drillers are encouraged to attend. If you would like to attend please let us know so that we can make room for you.

Right Equipment for the Job as Opposed to Variance Requests

By Scotty Robertson

Recently a driller called the Division of Water wanting to get an emergency variance. When I inquired as to what the emergency was, he informed me it was because he was unable to

over-drill the monitoring wells on site with the equipment he had brought to do the job. The Cabinet does not consider this as an emergency. If your drilling company is contracted to do a job they should have the appropriate equipment available to them to perform the tasks they were contracted to do. If not, they should at minimum, make arrangements to account for these shortcomings in advance, not while on site, or after attempting to complete the task in question. Calling for a variance after the fact is in violation of the regulations.

A **pre-approved** variance request is required to perform any construction, modification or abandonment of a water well or monitoring well that is not going to be completed in compliance with the existing regulations.

For instance, if your firm contracts to abandon monitoring wells that are completed one hundred feet into the Ohio River Alluvium, make sure the drill rig brought to the job is capable of turning the drill bit in this medium, and the tools are of the size required to over-drill the well to the desired depth. A truck mounted direct push drill rig with a three-inch diameter hollow stem auger is probably not the tool to over-drill a monitoring well completed in a ten or twelve inch diameter borehole that has a four-inch diameter PVC casing and well screen completed at 100 feet in depth.

If your firm has contracted to abandon a two-inch diameter monitoring well that was installed with a six or eight-inch diameter air hammer in a cherty limestone, with centralizers, to a hundred foot depth, then a sonic drill rig capable of drilling a four or six-inch diameter core is probably not the correct tool for a project of this type.

If your firm wants to install a two inch outside diameter casing in a monitoring well with a Hollow Stem Auger (HSA) then the auger must have a 4 ¼ inch inside diameter to create the proper diameter borehole. A 6 ¼ inch inside diameter HSA would be required for a four inch outside diameter well casing. However, if you need to install a two inch well and have an annular space less than the required two inch minimum surrounding the well, then a variance request is required.

Always remember to plan ahead. Guidewires, structures or other obstructions installed after a well was completed are acceptable reasons for a certified driller to submit variance requests. Safety or obstruction issues like powerlines, buildings, or overhanging trees are also acceptable reasons to submit a variance request. A variance to install a water well within the standard regulatory setback requirements from a septic tank may be granted if deeper casing or different sealing materials are incorporated into the well design.

The DOW will even grant blanket variances for sites that meet certain requirements. For instance if a monitoring well is installed completely in unconsolidated materials to a depth of less than thirty (30) feet, then a blanket variance may be requested to abandon the well by pulling the casing and screen from the borehole, and then grouting the existing borehole from bottom to top, instead of over-drilling the well as required by the regulations. As long as the installation,

modification, or abandonment method or design is proven to be as protective of the groundwater as those described in the regulations, variances are generally approved.

Should you be a certified monitoring well driller and find yourself in a situation where you need to plug a water well, then you can request a one-time variance to abandon a water well as a certified monitoring well driller.

Variance requests are intended to be a means to assist the driller when circumstances do not allow the well to be constructed, modified, or abandoned by the practices and standards outlined in the regulations. The regulations allow for alternate designs and methods of well construction, modification, or abandonment that are just as protective of the groundwater as those required by law.

The driller is responsible for making this argument for the variance. Consultants are not the certified driller of record and as such, are not allowed to sign the variance requests. Consultants who subcontract a project requiring a certified water well or monitoring well driller, should not be the person(s) contacting the Division of Water to make a variance request. Variance requests require the well driller's and the property owner's signatures because they only are the responsible parties for any action taken to a particular water or monitoring well.

Should the driller have any questions about how to complete a variance request or what needs to be submitted to obtain approval of a variance request by the cabinet, please contact Scotty Robertson or Tekovia Brown by email at:

scotty.robertson@ky.gov

tekovia.brown@ky.gov

Job Openings for Drillers and Helpers

Mark Holbrook KYTC

The Kentucky Transportation Cabinet, Geotechnical Branch is looking for experienced drillers and drill helpers to fill vacant positions. The openings will be full time state government positions and will be advertised in the near future. We take soil and rock samples for foundation design on roads and bridges around the state. Anyone interested in the positions can contact Mark Holbrook at 502-330-6707 or by email at mark.holbrook@ky.gov for more information.

A Message from the Kentucky Groundwater Association

Kevin Moses and Todd Mills KYGWA president and Vice president

On behalf of the Board of Directors of the Kentucky Groundwater Association, greetings to you all! It is our sincere hope that this finds you all well and eager to get another year started.

First of all, let me apologize for the late date getting information to you about our 2017 trade show. There have been several changes in the KYGWA, and the members of the Board of Directors are all very excited about growing our membership and the drilling industry in Kentucky. We believe that this year's show will be another step forward for the Association and a great platform for you, the Driller, to interact with suppliers, regulators, and industry leaders. It is our sincere hope that you will strongly consider attending this year and for many years to come.

Once again, we are holding the show at the Holiday Inn Louisville East – Hurstbourne. The facility is located at 1325 South Hurstbourne Parkway in Louisville. There is a special Trade Show rate for rooms, but you **MUST** mention that you are with the KYGWA Trade Show. Please make your reservations by calling the hotel as soon as possible at 502.426.2600. **IN ORDER TO GET THE REDUCED RATE, YOU MUST RESERVE YOUR ROOM NO LATER THAN FEBRUARY 15, 2017!!**

We are very excited about the continuing education opportunities we have to offer for this year. Included in these is a round table discussion with the Division of Water and members of the Water Well Certification Board to discuss upcoming changes to the regulations which govern our industry. We truly hope each of you will take advantage of this valuable opportunity to provide your input into the future of our industry. Other items of interest include classes on geotechnical methods, pumps, and (possibly) DOT regulations. Of course, classes may be amended due to instructor availability, but all classes will count toward your required continuing education credits.

We will also be having an auction to benefit the scholarship fund. Please come ready to buy! Remember, it is tax deductible!!!!

If you would like to attend this unique industry opportunity, please complete and return the attached Contractor Membership Application and the Trade Show Registration. If you have ANY questions, please feel free to drop me an email at toddmills@chaseenv.com.

As a final note, please consider becoming active in the Association. Remember, this is YOUR Association. We strive to represent your interests on the local, state and national level, but without your input, we cannot know your opinions on key issues.

We look forward to seeing each of you on March 2nd and 3rd in Louisville!

Sincerely,

Kentucky Groundwater Association

Quick Links

- Drillers Directory: <http://water.ky.gov/groundwater/Documents/GWDrillersDirectory.pdf>
- Forms and Application: <http://water.ky.gov/groundwater/Pages/FormsApplications.aspx>
- Training Resources: <http://water.ky.gov/groundwater/Documents/training%20resources.pdf>

Division of Water-Well Drillers Program

<http://water.ky.gov/groundwater/Pages/WellDrillersProgram.aspx>

<http://water.ky.gov/>

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KENTUCKY GROUNDWATER ASSOCIATION

CONTRACTOR APPLICATION FOR MEMBERSHIP AND 2017 TRADE SHOW REGISTRATION

MARK YOUR CALENDAR!!!! March 2 and 3, 2017 – Louisville, Kentucky!

**Remit to: Kentucky Groundwater Association
153 Booger Hollow Road
Gray, KY 40734**

Kevin Moses, President
kevin@mosesdrilling.com
606.524.5550

Todd W. Mills, Vice President
toddmills@chaseenv.com
270.339.1270

Additional Questions? Please feel free to contact Kevin or Todd

To register for 2017 tradeshow and workshop, please complete the application below

*******2017 KYGWA Contractors Membership Application*******

Company Name _____

Contact Name _____

Address _____

City _____

State _____ Zip _____

Telephone _____

Fax _____

Email address _____

KYGWA membership is for the 2017 calendar year, January1 through December 31.

I would like to apply for: () Business/ Company Membership @ \$100.00 (includes first 3 members).

() Additional Company Members @ \$45.00 each. () Individual Membership(s) are \$85.00 each.

(Please attach phone, names, addresses, and emails for KYGWA memberships.)

*******2017 KYGWA Trade Show Registration*******

TO COME TO THE TRADE SHOW: Please enclose \$75.00 each if you are a member of the KYGWA and \$105.00 if you are not a member. DUE TO THE LATE DATE OF THIS NOTICE, THE LATE PENALTY HAS BEEN WAIVED FOR 2017 ONLY. PLEASE INFORM US IF YOU WOULD LIKE TO ATTEND ASAP! THANK YOU!

Please send a name for each person you are registering for the trade show from your company. Use additional pages, if necessary. Please indicate if the attendee is a Driller, Rig Operator or Spouse.

Name	Driller	Rig Operator	Spouse

Don't forget you must have a name tag to be able to go through the Buffet lines. We have to have a head count, so everyone can eat. The cost of your spouse attending is \$65.00. Only SPOUSES!!!!