



MATTHEW G. BEVIN
GOVERNOR

CHARLES G. SNAVELY
SECRETARY

**ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

AARON B. KEATLEY
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

September 23, 2016

Mr. Charles G. Snavely, Secretary
Kentucky Energy And Environment Cabinet
300 Sower Boulevard
Frankfort, KY 40601

**RE: Recommendations of the Kentucky Water Well Certification Board
Geothermal Closed Loop Vertical Boreholes**

Dear Secretary Snavely:

We, the appointed members of the Kentucky Water Well Certification Board (Board), as established by KRS 223.410, make the following recommendations based on our regularly scheduled quarterly meeting held on May 20, 2016.

The Board recommends incorporation of Certification Requirements for Drillers of Geothermal Closed Loop Vertical Boreholes (GCLVB) into KRS 224.400 and the development of proposed regulations covering the construction practices for GCLVB.

The rationale of this recommendation by the Board are as follows:

- Whereas there are currently no existing construction standards governing the construction of GCLVB, regulations are necessary to provide the required protection of Human Health and the Environment.
- Whereas there is an established need for the development of Constructions Standards and Practices for the construction of GCLVB, a requirement for Certification of Drillers is necessary to establish the application and enforcement of these Standards.
- Whereas there is currently no established mechanism for the Certification of Drillers of GCLVB, this step is necessary to provide the Division of Water a process by which these Standards may be developed, implemented, and enforced.
- Whereas Certification Requirements currently exist for Water Well and Monitoring Well Drillers within the Commonwealth, a template is already in place and established whereby Drillers may become certified. This includes an application process, bonding and insurance requirements, licensing fees, continuing education requirements, and testing requirements.
- Whereas SB 171 was introduced into the 2016 legislative session of the Kentucky Senate in order to authorize and give regulatory authority to the Division of Water to regulate

and license Drillers of GCLVBs. If approved by the Legislature and enacted into law, SB 171 will put Kentucky on par with surrounding states regarding the regulation of Drillers of GCLVBs.


We trust this information is responsive to your needs. Should you have any questions related to these recommendations, please feel free to contact the membership of the Board.


Respectfully Submitted,
Kentucky Water Well Certification Board


Danny R. Kelly
Board Chairman

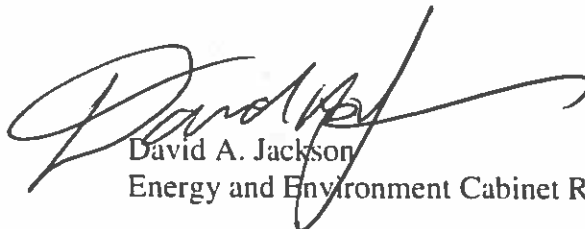

Orris E. Hayes
Cable Tool Driller


Kevin R. Moses
Air Rotary Driller


Todd W. Mills
Monitoring Well Driller


Oscar B. Davidson
Kentucky Geological Survey


Roy H. Toney
Public-At-Large Member


David A. Jackson
Energy and Environment Cabinet Representative

DAJ/KRM/SER/twm
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c: Peter T. Goodman, Director, DOW
Kentucky Groundwater Association