



PROCEDURE FOR PLUGGING A GROUNDWATER MONITORING WELL

Procedure #: WWP-10
(1/2018)

Narrative:

A properly plugged monitoring well ensures surface water or contamination does not threaten previously uncontaminated zones and protects the public health and safety. KDHE regulation K.A.R. 28-30-7 lists the requirements for plugging various types of water wells, including groundwater monitoring wells. Requests for variance to this regulation may be submitted to KDHE in accordance with K.A.R. 28-30-9. Plugging activities must also comply with local regulations, where applicable, particularly within Groundwater Management District #2 (K.A.R. 28-30-200 et seq.).

Procedure:

1. Check with the appropriate KDHE/EPA program to verify it is acceptable to plug the monitoring well, and to ensure plugging activities will be in accordance with program and local requirements.
2. Measure the static water level in the well for reporting purposes.
3. Measure the depth of the well to verify there are no obstructions that could interfere with proper plugging of the well.
4. The well must be plugged by a licensed water well contractor.
5. If the wellhead is located within a below grade vault, remove the vault if practical.
6. Fill the well from drilled total depth to three (3) feet below ground level with a KDHE approved grout listed in KDHE regulation K.A.R. 28-30-2 by a grout tremie pipe or method approved by KDHE. Dry sodium bentonite products should be hydrated in accordance with manufacturer specifications.
7. Verify that the volume of the grout placed during plugging operations is equal to or exceeds the volume calculated as necessary to properly plug the well and that no bridging of the grout material has occurred.
8. Cut off and remove the casing at three (3) feet below ground level. Backfill from the top of the remaining casing to the surface with clean compacted surface silts or clays.
9. Submit to KDHE within 30 days of plugging a completed water well plugging record (WWC-5P Form) describing the plugging of the well. The WWC-5P Form and instructions can be found at the following website: <http://www.kdheks.gov/waterwell/index.html>.