

WATER WELL DECOMMISSIONING

INSTRUCTIONS FOR USE OF SPECIFICATION PA351

APPLICABILITY

The work shall consist of sealing and permanent closure of a water well no longer in use.

This specification does not apply to closure of gas or oil wells, wells associated with coal mining, or public water supply wells.

ITEMS TO BE INCLUDED IN SECTION 6 AND/OR DRAWINGS

- a. Drawing depicting planned closure method. Suggest using one of the PA standard drawings; e.g., PA-062 A-F.
- b. Use PA-9 to develop specific steps associated with selected Figure or equal resource.
- c. Chlorination if needed.
- d. Location of the decommissioned well by latitude/longitude, township/range, or other geo-reference convention, of such precision that it can be readily located in the field, if required, in the future
- e. Need to place a metal target.
- f. Name of landowner
- g. Name, title, and address of person responsible for well decommissioning
- h. Total depth of well
- i. Length of casing
- j. Length of casing removed or length of casing cut off below ground level
- k. Inside diameter of well bore or casing
- l. Type of casing material or schedule (e.g., standard weight steel, or PVC sch-80)
- m. Static water level measured from ground surface prior to decommissioning
- n. Types of materials used for filling and sealing, quantities used, depth intervals for emplacement of each type, and emplacement method used.

ADDITIONAL GUIDANCE

PA-9 Guide for Well Decommissioning

Current "Ground Water Monitoring Guidance Manual" by PA DEP, Ch. 7 *Well Abandonment Procedures*