

WELL DECOMMISSIONING

INSTRUCTIONS FOR USE OF SPECIFICATION PA351

APPLICABILITY

The work shall consist of sealing and permanent closure of a 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 Construction Guide PA-2 to develop specific steps associated with the selected figure, or additional guidance.
- c. Chlorination, if needed.
- d. Source(s) of on-site fill materials, if known to meet specifications.
- e. Provide any of the following if known prior to decommissioning:
 - Location of the well by Global Positioning System (GPS), latitude/longitude, township/range, or other georeferencing convention,

of such precision that allows the ready location of the site

- Name of landowner
- Total depth of well
- Length of casing prior to decommissioning
- Well diagram, showing depths, diameters, perforations, etc.
- Type or schedule of casing material (e.g., standard weight steel, or PVC Sch-80)
- Static water level measured from ground surface prior to decommissioning

ADDITIONAL GUIDANCE

NRCS PA-9 *Guide for Well Decommissioning*

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

ASTM D5299, "*Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities.*"