

WATER WELL DECOMMISSIONING DESIGN AND CHECK DATA REQUIREMENTS

The following items must be addressed in the design folder for well decommissioning. Use NRCS PA-9 "Guide to Well Decommissioning" as a reference to develop plan. Indicate information that was available about particular well and assumptions made.

TABLE OF CONTENTS

This organizes the design folder.

DESIGN DATA SHEET

Show estimated quantities and type of materials planned for well closure.

SOILS AND FOUNDATION DATA

Document any information found from well driller's log, knowledge of landowner, etc. if available.

CONSTRUCTION SPECIFICATIONS

Enclose specification PA351 and others as applicable.

Include any "Additional Conditions" or items that are site specific or must be defined to supplement the standard specification. (See instructions for use of Specification PA351.)

Add any special or "by-others" specifications.

ENGINEERING DRAWINGS

Include cover sheet and location sheet

Include Additional Conditions specific to project.

Most projects will involve only one page showing type of well and zones for closure.

Use one of the PA standard drawings PA-062A-F

Include certification sheet for PA DEP regulations.

EROSION & SEDIMENT CONTROL PLAN

If well needs to be pumped down, all discharge shall be directed to a filter area.

Upon completion of project, all disturbed areas to be stabilized following requirements of the critical area seeding standard.

QUALITY ASSURANCE PLAN

List specific items needing inspection and when.

Record name of inspector.

Complete and file Well Abandonment Form or equal and inform DEP or local county water authority.

Record final certifications

DOCUMENTATION

Document who did the work, static water level at time of closure, any deviations from initial plan, quantities used, date of completion, and completed certification form. Also note if a metal target was installed to allow future location.

OPERATION & MAINTENANCE PLAN

Include visual inspection to check for subsidence and assure that any future activities do not result in surface water being ponded over area.