

STATEMENT OF WORK Well Decommissioning (351) WEST VIRGINIA

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits to be obtained by the client.
 - c. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06).
 - e. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Structural and Materials
 - ii. Safety
 - iii. Environmental Considerations (e.g. water quality)
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
4. Operation and Maintenance Plan
5. Certifications that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
6. Design modifications during installation as required.

Note: *State-Specific Deliverables may be added as appropriate.*

INSTALLATION

Deliverables

1. ***Location of the decommissioned well by latitude/longitude, township/range, or other georeference convention, of such precision that it can be readily located in the field, if required, in the future***
2. ***Date of completion of well decommissioning***
3. ***Name of landowner.***
4. ***Name, title, and address of certified well driller or operator responsible for well decommissioning.***
5. ***Total depth of well.***
6. ***Length of casing***
7. ***Length of casing removed or length of casing cut off below ground level***
8. ***Inside diameter of well bore or casing***
9. ***Type of casing material or schedule (e.g., standard weight steel, or PVC sch-80)***
10. ***Static water level measured from ground surface prior to decommissioning***

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11. Types of materials used for filling and sealing, quantities used, depth intervals for emplacement of each type, and emplacement method used.

12. Pre Installation conference with client and contractor.
13. Verification that client has obtained required permits.
14. Staking and layout according to plans and specifications including applicable layout notes.
15. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used.
 - b. Inspection records
16. Facilitate and implement required design modifications with client and original designer.
17. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
18. Certification that the installation process and materials meets design and permit requirements.
19. Location

Note: *State-Specific Deliverables may be added as appropriate.*

CHECK OUT

Deliverables

1. As-Built documentation.
 - a. Extent of practice units applied
 - b. Drawings
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c)(1)).
3. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Well Decommissioning (351)
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook

National Engineering Handbook, Part 631, Chapter 33, Investigations for Ground Water Resources Development.

WV-64 CSR 19-Title 64; Interpretive Rule; Dept. of Health; Series 19 Water Well Regulations

WV-64 CSR 46-Title 64; Interpretive Rule; Dept. of Health; Series 46 Water Well Water Well Design Standards.

WV NRCS -Water Well Job Sheet

WV NRCS -Water Well Operation and Maintenance