

STATEMENT OF WORK Well Decommissioning (351) West Virginia

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

DESIGN

Deliverables:

1. Design documentation that demonstrates that the criteria in the NRCS conservation practice standard have been met and are compatible with other planned and applied practices. Include:
 - a. Identification of client needs, documentation of discussion with client, and a recommended method of resolution.
 - b. Practice purpose(s) as identified in the conservation plan.
 - c. Location of planned practice installation shown on a farm or ranch plan map.
 - d. List of required permits to be obtained by the client.
 - e. Impacts on adjacent properties and structures.
 - f. Certification of compliance with NRCS national and state utility safety policy (NEM Part 503 - Safety, Subpart A - Engineering Activities Affecting Utilities, 503.0 through 503.6).
 - g. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Structural components and Materials
 - ii. Safety
 - iii. Environmental Considerations (e.g. water quality)
2. Written plans and specifications, including sketches and drawings, that adequately describe the requirements to install the practice and to obtain necessary permits. **Follow the requirements in "Documentation and Certification for Engineering Practices" located in FOTG Section IV.**
3. Design Report as appropriate (NEM Part 511 - Design, Subpart B - Documentation, 511.10 and 511.11).
4. Quality Assurance Plan (NEM Part 512 - Construction, Subpart D - Quality Assurance Activities, 512.30 through 512.33).
5. Operation and Maintenance Plan.
6. Certification that the design meets NRCS standards and specifications and is in compliance with applicable laws and regulations (NEM Part 505 - Non-NRCS Engineering Services, Subpart A - Introduction, 505.0 and 505.3).

Note:

INSTALLATION - Decommission

Deliverables

1. Pre-installation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
 - a. **Latitude/ longitude, township/ range, or other geo-reference convention, such that the well can be readily located in the field; if required for future use.**
4. Installation inspection.
 - a. Actual materials used (NEM Part 512 - Construction, Subpart C – Evaluation of Construction Materials, 512.20 through 512.23; Subpart D - Quality Assurance Activities, 512.33).
 - b. Inspection records
 - i. **Date of Completion**
 - ii. **Name, title, and address of certified well driller or operator responsible for decommissioning**
 - iii. **Prior use, depth, and static water level measured from ground surface at**

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time of decommissioning

- iv. ***ID of well casing, length of casing removed/ cut off below ground level***
- c. Document compliance with Quality Assurance Plan.
 - i. ***Types of materials used for filling and sealing, quantities used, depth intervals for emplacement of each type, and emplacement method used***
5. Facilitate and implement required design modifications with client and original designer.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. ***Location of the decommissioned well by latitude/longitude, or other geo-reference convention, of such precision that it can be readily located in the field, if required, in the future.***
8. ***Date of completion of well decommissioning.***
9. ***Name of landowner.***
10. ***Name, title, and address of certified well driller or operator responsible for well decommissioning.***
11. ***Known use of well.***
12. ***Estimated depth of well.***
13. ***Length of casing removed or length of casing cut off below ground level.***
14. ***Inside diameter of well bore or casing.***
15. ***Static water level measured from ground surface prior to decommissioning.***
16. ***Types of materials used for filling and sealing quantities used, depth intervals for emplacement of each type, and emplacement method used.***

Note:

CHECK OUT

Deliverables

1. As-Built documentation.
 - a. Extent of practice units applied
 - b. "Red-line" drawings (NEM Part 512, Construction, Subpart F – As-builts, 512.50 through 512.52)
 - c. Final quantities
2. Certification that the ~~installation/~~ ***decommissioning*** meets NRCS standards and specifications and is in compliance with permits (***WV DHHR requirements***) (NEM Part 505 – Non-NRCS Engineering Services, Subpart A - Introduction, 505.3) ***and DHHR requirements.***
3. Progress reporting.

Note:

REFERENCES

- ***WV 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
- ***WV CSR 64-19-Title 64; WV Department of Health and Human Resources; Series 19 Water Well Regulations, <http://www.wvdhhr.org/phs/water/>***
- ***WV CSR 64-46-Title 64; WV Department of Health and Human Resources; Series 46 Water Well Design Standards, <http://www.wvdhhr.org/phs/water/>***
- ***WV NRCS –351 Well Decommissioning Worksheet***
- ***WV NRCS –351 Well Decommissioning Operation and Maintenance***