



## STATEMENT OF WORK Water Well (642) Vermont

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

### DESIGN

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#### Deliverables

1. Design documentation that demonstrates 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 (NRCS National Engineering Manual (NEM) (Title 210), Part 505, Subpart B, "Procedures," Sections 505.10 through 505.16).
  - g. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to—
    - i. Hydrogeology.
    - ii. Wellhead location and protection.
    - iii. Materials.
    - iv. 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.
3. Design report as appropriate (210-NEM, Part 511, Subpart B, "Documentation," Sections 511.10 and 511.11).
4. Quality assurance plan (210-NEM, Part 512, Subpart D, "Quality Assurance Activities," Sections 512.30 through 512.33).
5. Operation and maintenance plan.
6. Certification the installation meets NRCS standards and specifications and is in compliance with permits (210-NEM-505-B, "Procedures," Sections 505.10 through 505.16).

### INSTALLATION

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#### Deliverables

1. Preinstallation 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.
4. Installation inspection.
  - a. Actual materials used (210-NEM-512, Subpart C, "Evaluation of Construction Materials," Sections 512.20 through 512.23; and Subpart D, "Quality Assurance Activities," Sections 512.33).
  - b. Inspection records.
  - c. Document compliance with quality assurance plan.
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.

## CHECK OUT

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### Deliverables

1. As-built documentation.
  - a. Extent of practice units applied
  - b. "Red-line" drawings (210-NEM-512, Subpart F, "As-Built," Sections 512.50 through 512.52)
  - c. Final quantities
2. Certification the installation meets NRCS standards and specifications and is in compliance with permits (210-NEM-505-B, "Procedures," Sections 505.10 through 505.16).
3. Progress reporting.

## REFERENCES

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- USDA NRCS. Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Water Well, 642.
- USDA NRCS. 2016. National Environmental Compliance Handbook (Title 190). Washington, D.C.  
<https://directives.sc.egov.usda.gov/>
- USDA NRCS. 2017. National Engineering Manual (Title 210). Washington, D.C.  
<https://directives.sc.egov.usda.gov/>
- USDA NRCS. 2018. National Cultural Resources Procedures Handbook (Title 190). Washington, D.C.  
<https://directives.sc.egov.usda.gov/>