



## STATEMENT OF WORK Saturated Buffer (604) 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 will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices:
  - Practice purpose(s) as identified in the conservation plan.
  - List of required permits to be obtained by the client.
  - Impacts on adjacent properties and structures.
  - Certification of compliance with NRCS National and State utility safety policy (National Engineering Manual (NEM) (Title 210), Part 503, Subpart A, "Engineering Activities Affecting Utilities," Sections 503.0 through 503.6; Subpart B, "Public Safety at Structure Sites," Sections 503.10 through 503.13; and Subpart C, "Safety During Geologic Investigations," Sections 503.20 through 503.22 ).
  - Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to—
    - Geology and soil mechanics (NEM, Part 531) (i.e., soil log and testing reports).
    - Hydrology/hydraulics.
    - Structural, including hazard class as appropriate.
    - Vegetation.
    - A tile map that includes tile sizes, materials, depth, and locations of all tile draining to the saturated buffer. If a tile map is unavailable, provide documentation on how the saturated buffer was sized, including drainage area.
2. Written plans and specifications including sketches and drawings provided to the client that adequately describes the requirements to install the practice and obtain necessary permits. Include the following, at a minimum:
  - A plan view of the layout of the water distribution system.
  - Profile(s) of the existing drain, distribution pipe, and outlet channel.
  - Details of required structure(s) for water level control.
  - Vegetation establishment requirements.
  - Construction specifications that describe site-specific installation requirements.
3. Operation and maintenance (O&M) plan developed in accordance with the requirements of NRCS Conservation Practice Standard Saturated Buffer (Code 604).
4. Design report as appropriate (210-NEM, Part 511, Subpart B, "Documentation," Section 511.11).
5. Quality assurance plan (210-NEM, Part 512, Subpart D, "Quality Assurance Activities," Sections 512.30 through 512.32).
6. Certification the design meets NRCS standards and specifications and is in compliance with applicable laws and regulations (210-NEM, Part 505, Subpart A, "Introduction," Section 505.0; and Subpart B, "Procedures," Sections 505.10 through 505.12).
7. Design modifications during installation as required.

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

## INSTALLATION

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### Deliverables

1. Conduct a preconstruction meeting with client, contractor, and NRCS representative.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection (according to inspection plan):
  - Actual materials used (210-NEM-512, Subpart C, “Evaluation of Construction Materials,” Sections 512.20 through 512.23; and Subpart D, “Quality Assurance Activities,” Section 512.33)
  - Inspection records
  - 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.
7. Certification that the installation process and materials meet design and permit requirements.

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

## CHECK OUT

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### Deliverables

1. As-Built documentation:
  - Extent of practice units applied
  - Documentation of materials installed
  - “Red-line” drawings
  - Final quantities
2. Certification that the installation and materials meets NRCS standards and specifications and is in compliance with permits.
3. Progress reporting.

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

## REFERENCES

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- NRCS Field Office Technical Guide (FOTG), Section IV, Conservation Practice Standard – Saturated Buffer, 604.
- USDA NRCS. National Engineering Handbook (NEH) (Title 210), Section 16, Drainage. <https://directives.sc.egov.usda.gov/>
- USDA NRCS. NEH (Title 210), Part 650, Chapter 14, Water Management (Drainage). <https://directives.sc.egov.usda.gov/>
- USDA NRCS. National Environmental Compliance Handbook, Part 610. <https://directives.sc.egov.usda.gov/>
- USDA NRCS. National Cultural Resources Procedures Handbook (Title 190), Part 601. <https://directives.sc.egov.usda.gov/>