

STATEMENT OF WORK
Solid/Liquid Waste Separation Facility (632)
Washington State Template

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. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06).
 - d. List of facilitating practices
 - e. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Geology and Soil Mechanics (NEM Subpart 531a) as necessary.
 - ii. Separation efficiency with flow rate/velocity for separation device.
 - iii. Structural, Mechanical and Appurtenances design.
 - iv. Outlet and drainage design for storm water.
 - v. Environmental Considerations (e.g. air quality, methane, odor, groundwater quality).
 - vi. Safety Considerations (NEM Part 503- Safety, Subpart A, 503.06 through 503.12).
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. Detailed operation and maintenance requirements including such things as loading rates, O&M manuals for specific components, start-up procedures, trouble shooting guide(s), and monitoring and reporting plans
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.

INSTALLATION

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.
4. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used.
 - b. Inspection records
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.**
7. ***Advise client/NRCS on record keeping documentation procedure by modified waste stream for nutrient management plans and permits.**

CHECK OUT

Deliverables

1. As-Built drawings, final quantities and documentation.
2. Progress reporting.
3. ***Start-up data showing facility or process is working as intended**
4. ***Certification that the facility or process meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c)(1)).**
5. ***Operation and maintenance guidelines and nutrient transfer recordkeeping requirements.**

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REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Solid/Liquid Waste Separation Facility, 632.
- NRCS Agricultural Waste Management Field Handbook (AWMFH)
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook