

STATEMENT OF WORK
Solid/Liquid Waste Separation Facility (632)
Oklahoma

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

DESIGN**Deliverables:**

1. Design documents that demonstrate criteria in Oklahoma NRCS practice standard have been met and are compatible with 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. Solid/liquid separator selection based on site specific data for the liquid waste stream and management conditions where specific management objectives are to be met.
 - ii. Daily waste water volume and the total solids capture efficiency for the type of solid/liquid separation device selected.
 - iii. Designed so that the waste stream can be safely routed to and from the facility.
 - iv. Provide guidance for the addition of chemicals to the liquid waste stream for improving total solids capture efficiencies.
 - v. Plan for adequate storage areas for separated solids so they can be properly managed.
 - vi. Provide design flow rates (combined flow of solid and liquid waste) for filtration and screening devices.
 - vii. Planned waste stream velocity through filtration and screening devices.
2. Written plans and specifications including sketches, maps, and drawings shall be provided to the client that adequately describes the requirements to implement the practice and obtain necessary Oklahoma or local permits.
3. Operation and Maintenance.
4. 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).
5. Certification that the design meets practice standard criteria and complies with applicable laws and regulations.
6. Design modifications during implementation as required (NEM Subpart A, 505.03(b)(2)).

INSTALLATION**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 (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, Oklahoma, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the application process and materials meet design and permit requirements.

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CHECK OUT

Deliverables:

1. As-Built documentation.
 - a. Extent of practice units applied.
 - b. Drawings.
 - c. Final quantities.
2. Certification that the application 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 – Solid/Liquid Waste Separation Facility (632)
- NRCS National Planning Procedures Handbook (NPPH), CNMP Technical Guidance Document
- NRCS Agricultural Waste Management Field Handbook, Chapter 4 – Agricultural Waste Characteristics
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook