

STATEMENT OF WORK
SOLID/LIQUID WASTE SEPARATION FACILITY (632)

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. Practice standard criteria related computations and analyses to develop drawings, plans, and specifications including but not limited to:
 - i. Objectives and outcomes of implementation
 - ii. Process diagram showing volumetric flow rates, waste load projections, unit process volumes and hydraulic retention times, projected air emissions, and projected nutrient fate.
 - iii. Expected system performance
 - iv. Annual operating costs where appropriate
 - v. Process monitoring requirements
2. Detailed operation and maintenance requirements including such things as loading rates, O&M manuals for specific components, start-up procedures, and monitoring and reporting plans.
3. Documentation needed for the practice depends on the specific conditions at the site where it will be installed. However in New Mexico, the minimum required documentation is: Type of separator, capacity in gallons per day, estimated capture efficiency, and estimated amount of separated solids per day.
4. The local SWCD can help identify local permits and regulatory requirements. (Refer to Item 1.b above)

INSTALLATION

Deliverables:

1. Pre Installation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Staking and layout of components as shown on the drawings, including layout notes.
5. Facilitate and implement required facility design modifications with client and system provider.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Information required by Design Deliverable Item 3, as a minimum, must be collected. This is especially true for work that cannot be observed once installation is complete.

CHECK OUT

Deliverables:

1. As-Built documentation.
 - a. Extent of practice units applied
 - b. Drawings
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.3).
3. Progress reporting.
4. As a minimum, all Design Deliverable Item 3 requirements shall be measured, photographed, or documented to show that the installed practice meets the standard, specification, and design requirements.

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REFERENCES

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