



STATEMENT OF WORK Waste Treatment (629) Vermont

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

DESIGN

Deliverables

1. Design documentation that demonstrates 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. Quantities and fate of any byproducts.
 - vi. Control system requirements.
 - vii. Process monitoring requirements.
2. Documentation showing the facility or process has achieved the intended purpose in similar situations and locations.
3. Detailed operation and maintenance requirements including loading rates, operation and maintenance manuals for specific components, startup procedures, trouble shooting guide(s), and monitoring and reporting plans.

INSTALLATION

Deliverables

1. Preinstallation 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 as appropriate.
4. Facilitate and implement required facility design modifications with client and system provider.
5. System startup assistance and initiate process monitoring.
6. Advise client/NRCS on compliance issues with all Federal, State, Tribal, and local laws, regulations, and NRCS policies during installation.

CHECK OUT

Deliverables

1. Record of application including type and size of components installed.
2. Start-up data showing facility or process is working as intended.
3. Certification the facility or process meets NRCS standards.
4. Test results and interpretations as required.

REFERENCES

- USDA NRCS. Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Waste Treatment, 629, and other related practices.
- USDA NRCS. 2009. National Engineering Handbook (Title 210), Part 651, Agricultural Waste Management Field Handbook. Washington, D.C. <https://directives.sc.egov.usda.gov/>