

STATEMENT OF WORK
Waste Transfer (634)
Minnesota

These deliverables are the minimum requirements that apply to this individual practice. Service providers (TSP or other) shall prepare and document deliverables for the Design, Installation, and Checkout sections and submit deliverables to both the landowner and NRCS.

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in 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. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.0 through 503.6)
 - e. List of facilitating practices
 - f. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Geology and Soil Mechanics (NEM Part 531)
 - ii. Hydraulics
 - iii. Structural and Mechanical Components
 - iv. Environmental Considerations (e.g. air quality, biosecurity).
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. Plans and specification shall be developed in accordance with the requirements of conservation practice standard Waste Transfer (Code 634).
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
5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Part 501 Subpart A, or 505 Subpart A).
6. Design modifications during installation as required
7. Itemized Engineer's Cost Estimate

INSTALLATION

Deliverables

1. Documentation of 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
 - 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 during installation

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CHECK OUT/RECORDS OF IMPLEMENTATION

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 Part 501 Subpart A, or Part 505 Subpart A).
3. Progress reporting

REFERENCES

- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Waste Transfer, 634
- National Engineering Manual
- NRCS Agricultural Waste Management Field Handbook, 210-VI-NEH 651
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- Midwest Plan Service Livestock Waste Facilities Handbook (pumps)
- World Bank Group. Fruit and vegetable processing. July 1998
http://www.ifc.org/wps/wcm/connect/b76bd080488552d8aca4fe6a6515bb18/fruitandvg_PPAH.pdf?MOD=AJPERES
- Enachescu Dauthy, Mircea. Fruit and vegetable processing. FAO AGRICULTURAL SERVICES BULLETIN No.119. Food and Agriculture Organization of the United Nations Rome, 1995.
<http://www.fao.org/docrep/v5030e/v5030e00.htm>
- Ohio State University. Ohio Livestock Manure Management Guide. Chapter 10—Pathogens and Pharmaceuticals. Bulletin 604-06
- Miner, R. July 1995. Reducing the Risk of Groundwater Contamination from Livestock Manure Management. Fact Sheet. EM 8597. Oregon State University. <http://extension.oregonstate.edu/catalog/pdf/em/em8597.pdf>