

STATEMENT OF WORK
Agrichemical Handling Facility (309)
Ohio

These deliverables apply to this individual practice. Service providers (TSP and others) shall prepare and document deliverables for the DESIGN, INSTALLATION, and CHECKOUT sections and submit the deliverables to both the landowner and NRCS. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documentation that demonstrates that the criteria in NRCS conservation 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. Identification of client needs, documentation of discussion with client, and a recommended method of resolution.
 - c. List of required permits to be obtained by the client.
 - d. Location of planned practice installation shown on a farm plan map.
 - e. Impacts on adjacent properties and structures.
 - f. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06).
 - g. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Site foundations (Geology and Soil Mechanics (NEM Subpart 531a).
 - ii. Type of traffic, design loads, loading assumptions
 - iii. Structural, Mechanical and Appurtenance design
 - iv. Maximize Clean Water Diversion.
 - v. Containment Capacity.
 - vi. Environmental Considerations (e.g. location, air and water quality).
 - vii. Vegetation.
 - viii. Safety considerations.
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describe the requirements to install the practice and obtain necessary permits.
3. Design Report and Quality Assurance (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. Operation and Maintenance Plan.
5. Certifications that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, 505.03(b) (2)).
6. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Minutes of a pre-Installation conference with the service provider, NRCS staff, client and contractor (NEM 512.13 Preconstruction Conference).
 - a. Conference must be held within 7 days of planned start of construction.
 - b. Review plans and specifications.
 - c. Review NRCS utility safety policy (NEM Part 503- Safety, Subpart A Engineering Activities Affecting Utilities, Section 503.0 through 503.22 and the Ohio supplements).
 - d. Review roles and responsibilities of all parties involved in the project installation.
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. Dates and records of inspections made, testing completed, instruction provided to the contractor, etc., to document compliance with standards and specifications

STATEMENT OF WORK
Agrichemical Handling Facility (309)
Ohio

5. Facilitate and implement required design modifications with client, original designer, and permitting and funding agencies. Design modifications required during construction are properly approved and documented.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation process and materials meet design and permit requirements (NEM Part 505 Non-NRCS Engineering Services, Subpart A, Section OH505.3 Review of Technical Services Performed by Others).

CHECK OUT

Deliverables

1. Survey for the Checkout conducted and recorded
 - a. Location of the practice components installed.
2. Service Provider shall conduct a final site inspection to technically certify that the completed construction meets the plans, specifications, and practice standard.
3. As-Built documentation.
 - a. Extent of practice units applied
 - b. Drawings (red-line) clearly showing changes from the original construction plans (NEM Part 512-Construction, Subpart F As-Built, 512.50 through 512.52)
 - c. Final quantities
4. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c) (1)).
5. Progress reporting.

REFERENCES

- [NRCS Field Office Technical Guide \(eFOTG\)](#), Ohio, Section IV, Conservation Practice Standard – Agrichemical Handling Facility - 309.
- [NRCS National Engineering Manual \(NEM\) and Ohio Supplements to the NEM.](#)
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook