

STATEMENT OF WORK
Wetland Creation (658)
Issued: October 2006
Contact: State Biologist at 701-530-2078

DESIGN

Deliverables:

1. Design documentation that will demonstrate 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:
 - i. Form SFN1695 Application/Notification to Construct or Modify Dam, Dike, Ring Dike, or Other Water Resource Facility approved by the North Dakota State Water Commission
 - ii. Form 108 Conditional Water Permit from State Water Commission for wetlands exceeding 12.5 acre feet of storage
 - 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 503.00 through 503.06).
 - e. List of facilitating practices.
 - f. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Wetland functional assessment considering targeted wetland functions (optional)
 - ii. Hydrology/Hydraulics:
 1. Type of water regime planned
 - iii. Structural including hazard class as appropriate
 - iv. Soils – documentation that soils are capable of holding water
 - v. Vegetation:
 1. Planning or Data sheet of Grass and/or Legume Seeding - ND-CPA-9 or equivalent
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.
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. Operation and Maintenance Plan.
5. Certifications that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
6. Design modifications during installation as required.
7. Worksheet six of the ND Wetland Restoration Workbook.

INSTALLATION

Deliverables:

1. 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:
 - a. ND Wetland Restoration Workbook
 - b. Data sheet of Grass and/or Legume Seeding – ND-CPA-9 or equivalent
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, State, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation process and materials meets 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
 - d. Worksheet six of the ND Wetland Restoration Workbook
 - e. Data sheet of Grass and/or Legume Seeding – ND-CPA-9 or equivalent
 2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c)(1)).
 3. Record progress reporting according to NRCS policy.
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REFERENCES

- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Wetland Creation (658) – Standard.
- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Wetland Creation (658) – Design, Installation, Check out, and Documentation Guide.
- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Structure for Water Control, 587.
- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Pond, 378.
- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Tree Planting , 612
- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Woodland Direct Seeding , 652
- NRCS Field Office Technical Guide (FOTG) Section IV – Conservation Practices – Wetland Wildlife Habitat Management, 644
- NRCS National Engineering Manual (NEM)
- NRCS Engineering Field Handbook (EFH), Part 210, Chapter 13, Wetland Restoration , Enhancements, or Creation
- Chapter 7, Hydrology Manual for North Dakota
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS Wetland Restoration, Enhancement, and Management Handbook
- NRCS National Biology Manual
- NRCS National Biology Handbook
- National Food Security Act Manual