

STATEMENT OF WORK
Irrigation Water Management (449)
Montana

State Contact: State Conservation Engineer (406) 587-6828

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work. Technical Service Provider (TSP) shall follow and document all the requirements as outlined in the practice standard. The TSP shall also follow and document the steps as outlined in various chapters in the Montana Supplement to the Engineering Field Handbook as it applies. Documentation and certification requirements for the practice are also outlined in the NRCS 450-General Manual, Part 407, Documentation, Certification and Spot Checking, MT407.10. This is located on the Montana eFOTG site at http://efotg.nrcs.usda.gov/references/public/MT/GM_450_Part_407.pdf Documentation requirements for Technical Service Providers on engineering projects are located at ftp://ftp-fc.sc.egov.usda.gov/MT/www/eng/engineering_documents/worksheets/ef50501b.pdf

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in NRCS 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. List of facilitating practices
 - d. Practice standard criteria-related computations and analyses to develop plans and specifications
2. Written plans and specifications including drawings and details shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Minimum requirements to be included in every Irrigation Water Management plan as per NRCS Amendment MT5, Montana Irrigation Manual.
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations.
5. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Pre-installation conference with client.
2. Verification that client has obtained required permits and understands the final designed practice.
3. Staking and layout of measures according to plans and specifications including applicable layout notes.
4. Installation guidance as needed.
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 meet design and permit requirements.

CHECK OUT

Deliverables

1. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM subpart A, 505.03(c) (1)).

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Irrigation Water Management, 449 http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MT
- NRCS National Engineering Manual (NEM) <http://policy.nrcs.usda.gov/viewerFS.aspx?hid=19005>
- NRCS National Environmental Compliance Handbook <http://directives.nrcs.usda.gov/RollupViewer.aspx?hid=17091>
- NRCS Cultural Resources Handbook <http://directives.nrcs.usda.gov/opennonwebcontent.aspx?content=17720.wba>
- NRCS National Engineering Handbook Parts 600-659 <http://directives.nrcs.usda.gov/RollupViewer.aspx?hid=17092>
- NRCS Montana Irrigation Manual, Amendment MT5 (feb.2002)