

STATEMENT OF WORK

USDA, Natural Resources Conservation Service
Wisconsin

WATER WELL (642)

DESIGN (911)

Deliverables:

1. Design Survey – Not typically needed for this practice. A plan view of the water well location may be obtained by topographic survey or other available electronic mapping
2. Design Data – The following information should be recorded in the design notes:
 - a. The intended use of the water from the well
 - b. Features present that may influence the flow of subsurface water (i.e. subsurface drains)
 - c. Identification of any potential contamination sources near the well location
 - d. Well head protection measures
 - e. The parameters for any water testing
3. Drawings and Specifications – The conservation practice standard may contain a list of required items for inclusion in the plans and specifications. Typical contents include:
 - a. Location map
 - b. Plan view of the area identifying the specific location of the water well
 - c. Well casing material specifications
 - d. Material specifications required for the well screen, filter, annulus filling, and any appurtenances
 - e. Requirements for reporting well construction
 - f. Quantities
 - g. Cost estimate
 - h. O&M plan
 - i. Quality assurance plan
4. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Part 505, Non-NRCS Engineering Services)

INSTALLATION (912)

Deliverables:

1. Documentation of pre-construction conference with client and contractor
2. Verification that client has obtained required permits
3. Layout Survey Notes – Not typically needed for this practice. The monitoring well location can be specified on a plan view of the area
4. Compliance Checks – The complexity of the project will dictate the need for compliance checks during construction. Compliance checks are not typically needed for this practice. A job diary is to be maintained with the dates and record of inspections made, instructions provided to the contractor, etc., to document compliance with standards and specifications.
5. Facilitate, implement, and document required design modifications with client, original designer, permitting and funding agencies

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

CHECKOUT (913)

Deliverables:

1. As-Built Documentation – As-Built documentation shall include:
 - a. As-Built drawings showing changes to the water well location and final depth
 - b. Material compliance data
 - c. The final quantities must be shown on the as-built drawing
 - d. A copy of the well construction report from the licensed installer
 - e. Signed statement that the practice meets NRCS standards and specifications
 - f. Job diary
 - g. Photo of completed practice and any components
 - h. Practice location placed on the conservation plan map
2. Provide the following information to the NRCS field office servicing the relevant land unit for entry into the Performance Results System (PRS):
 - a. Technical Service Provider name
 - b. Customer name
 - c. USDA program funding the practice (if known)
 - d. Location of work (state, county, conservation district, land tract identifier)
 - e. Land use of field where the practice was installed (cropland, etc.)
 - f. NRCS practice name and quantity of practice installed in appropriate unit

REFERENCES

- WI NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard 642, Water Well
- NRCS National Engineering Manual (NEM) and Wisconsin Supplements
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS National Engineering Handbook, Part 650, Engineering Field Handbook (EFH) and Wisconsin Supplements
- Wisconsin Administrative Code, Chapter NR 812, Well Construction and Pump Installation

CERTIFICATION OF COMPLETION

WATER WELL (642)

PROGRAM PARTICIPANT INFORMATION

Name (print): _____

TECHNICAL SERVICE PROVIDER INFORMATION

Name (print): _____

TSP ID Number: _____ Expiration Date: _____

TECHNICAL SERVICE PROVIDED

Design (911)

Installation (912)

Checkout (913)

I hereby certify that the technical services I provided as a Technical Service Provider for this component(s) checked above: (1) comply with all applicable Federal, State, Tribal, and Local laws and requirements, (2) meets applicable USDA NRCS conservation practice standards, specifications, and program requirements, (3) are consistent with and meet the particular conservation program goals and objectives, (4) that I have provided the above named Program Participant the Deliverables in this Statement of Work for this component, and (5) comply with all "Certification Terms" as identified in the Technical Service Provider Certification Agreement.

Technical Service Provider Signature

Date