

**STATEMENT OF WORK
Groundwater Testing (PA355)
Pennsylvania**

These deliverables apply to this individual practice. Section 4 of the Pennsylvania Technical Guide should also be reviewed for additional practice-specific requirements and Design and Check Data Requirements where those have been developed. For other planned practice deliverables refer to those specific Statements of Work.

Items marked with an asterisk (*) will be delivered to the Designated Conservationist

DESIGN

Deliverables:

1. Design documentation that will demonstrate that 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.
 - c. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. List of Methods/Procedures of Water Testing
 - ii. The Name of State Certified Laboratory Conducting the Testing
 - iii. Identify specific use of water or concerns
 - iv. Environmental Considerations (e.g. water quality)
2. Operation and Maintenance Plan, including written plans including sketches and drawings that adequately describes the location and time of water samples taken.
3. Certification that the design meets NRCS standards and specifications and is in compliance with applicable laws and regulations (NEM Part 505 - Non-NRCS Engineering Services, Subpart A - Introduction, 505.0 and 505.3).

INSTALLATION

Deliverables

1. Pre-testing conference with client and contractor.
2. Verification that client has obtained required permits.
3. Facilitate and implement required design modifications with client and original designer.
4. *Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
5. *Certification that the water testing was conducted by a State Certified Laboratory.

CHECK OUT

Deliverables

1. *Date, time, location of water testing. Methods used for water sampling.
2. *Date and time of water test analysis, and contaminants tested for.
3. *Laboratory identification and certification.
4. *Test results and interpretations.
5. Certification that the testing meets NRCS standards and specifications (NEM Part 505 – Non-NRCS Engineering Services, Subpart A - Introduction, 505.3).
6. Progress reporting.

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REFERENCES

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- NRCS Field Office Technical Guide (FOTG), Section IV, Conservation Practice Standard - Groundwater Testing, Code 355.
 - Private Water Systems Handbook. Handbook 14. Mid West Plan Service MWPS, Ames, IA. 4th edition, 1979
 - NRCS National Engineering Manual (NEM)