

§ WA505.10 Non-Project Activities

(b) Technical Services

(7) All practices installed through NRCS programs must be approved prior to installation. With the widespread use of irrigation, there are capable individuals who design these types of systems. Irrigation systems installed in Washington shall be approved prior to NRCS acceptance.

(i.) Irrigation practices that are designed by non-NRCS individuals may be approved and accepted as listed:

1. Qualified individuals who have gone through the Irrigation Association’s certified irrigation designer process and are licensed as a Certified Irrigation Designer’s (CID) through the Irrigation Association (www.irrigation.org), or
2. Professional Engineer in Washington State, or
3. On a project by project basis NRCS may review and approve irrigation practices. This is subject to workload and must be scheduled with the appropriate staff member, with job approval authority

Note: For cases 1. or 2. the CID certification or PE license must be current at the time the plans are stamped and approved.

(ii.) All systems approved by non-NRCS individuals must include EXHIBIT 1, the “**Landowner Consultant/Contractor Certification Form**”, with the practices listed and included with the design, the licensed stamp, signed and dated.

PART 505 – NON-NRCS ENGINEERING SERVICES

EXHIBIT 1

Landowner Consultant/Contractor Certification Form

Irrigation System Design and Installation

Landowner/Operator _____

Location _____ Contract # _____

The Landowner/Operator shall return the following information to the NRCS:

1. This completed form with signatures
2. A copy of the Irrigation Designer's center pivot design package (**computer printout**) or NRCS's Irrigation Design Summary Worksheets for Sprinkler or Micro-Irrigation
3. A plan map - **Including the irrigated area, field boundaries, utilities, system layout, north arrow, contours or elevations, water source (indicating type, design capacity and operating pressure), pipelines (Indicating diameters, lengths, locations, material type, pressure ratings), and any of the following applicable items: Thrust blocks, safety valves, control valves, chemigation/fertigation systems, and filtration systems.**

Any location changes need to be cleared with the NRCS prior to installation.

Practices Installed:

<i>Practice</i> ¹	<i>Unit</i> ¹	<i>Quantity</i> ²	<i>Comments</i> ^{*2}
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

1. To be completed by NRCS.
 2. To be completed by Installation Contractor.
- * Material type, pressure rating, diameter, etc.

I hereby certify that I have received a copy of the Operation and Maintenance plan for all components of my irrigation system.

Signed _____ Date _____
Landowner/Operator

I hereby certify that applicable conservation practices, as stated in this document, to the best of my knowledge, judgment and belief, meet or exceed the minimum NRCS applicable standards and specifications for the practice design.

Signed _____ Date _____
Design Certification

I hereby certify that applicable conservation practices, as stated in this document, to the best of my knowledge, judgment and belief, meet or exceed the minimum NRCS applicable standards and specifications for the practice installation and completion.



CID Certification/P.E. Stamp

Signed _____ Date _____
Installation Certification

Is used equipment or material utilized in this project? Yes No If yes, what: _____

Note: Design Certification shall be signed by either a Professional Engineer or a Certified Irrigation Designer as per NRCS NEH Part 505 Section 505-43. Installation Certification shall be in accordance to NRCS policy contained in the NEH Part 512.21 if any used material or equipment is utilized in the project.

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EXHIBIT 1

NRCS Standards & Specification Design Packet References

Irrigation Design and Installation

- Irrigation Design Summary Worksheets

Washington State Irrigation Guide, Chapter 15

http://www.wa.nrcs.usda.gov/technical/ENG/irrigation_guide/index.html

- Practice Standards 441, 442, 430DD, 533, 587, etc.

[eFOTG-Document Locator](http://efotg.nrcs.usda.gov)

(<http://efotg.nrcs.usda.gov>)

- Irrigation Pipe Cover Requirements

http://efotg.nrcs.usda.gov/references/public/WA/ENG_TN_8.pdf

- Construction and Specifications Packet, Construction Specifications (CS) Material Specifications (MS)

[WA Construction and Material Specifications | Washington NRCS](http://www.wa.nrcs.usda.gov/technical/ENG/specifications/waspecs.html)

(<http://www.wa.nrcs.usda.gov/technical/ENG/specifications/waspecs.html>)

- Typical Drawings of details

[Standard Drawings | Washington NRCS](http://www.wa.nrcs.usda.gov/technical/ENG/cad_support/index.html)

(http://www.wa.nrcs.usda.gov/technical/ENG/cad_support/index.html)

- Used Material or Equipment Requirements

[WA Supplements to the NEM | Conservation Engineering | Technical Resources | Washington NRCS](ftp://ftp-fc.sc.egov.usda.gov/WA/ENG/nem/wa512_subpart_c.pdf)

(ftp://ftp-fc.sc.egov.usda.gov/WA/ENG/nem/wa512_subpart_c.pdf)

Landowner

- Operation and Maintenance Plans (O & M) Form From NRCS or Consultants documents

[Standard Operation and Maintenance Plans | Washington NRCS](http://www.wa.nrcs.usda.gov/technical/ENG/o-m_plans/index.html)

(http://www.wa.nrcs.usda.gov/technical/ENG/o-m_plans/index.html)