

**NATURAL RESOURCES CONSERVATION SERVICE  
PACIFIC ISLANDS AREA**

**STATEMENT OF WORK**

**WATERING FACILITY (614)**

**These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.**

## **DESIGN**

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All design documents shall be developed in accordance with the requirements of the [NRCS Pacific Islands Area Field Office Technical Guide \(FOTG\)](#) Section IV, Conservation Practice Standard and Specification.

### **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. Compliance with NRCS national and state utility safety policy ([NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06](#)).
  - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Capacity and kind(s) of animals served (e.g., cattle, sheep, hogs, etc).
    - ii. Length of time animals need water in the area (refer to grazing plan).
    - iii. Locations.
    - iv. Materials and Estimated Cost.
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. The Pacific Islands Area Operation and Maintenance Plan, available in Section IV of the Pacific Islands Area [FOTG](#), for this practice shall be prepared for and reviewed with the client with the requirements for the operation and maintenance.
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.

## **INSTALLATION**

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### **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.
4. Installation inspection.
  - a. Actual materials used ([Part 512, Subchapter D Quality Assurance Activities, 512.33](#)).
  - 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.

## CHECK OUT

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### Deliverables

1. As-Built documentation.
  - a. Extent of practice units applied.
  - b. Drawings.
  - c. Final quantities.
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits ([NEM Subpart A, 505.03\(c\)\(1\)](#)).
3. Progress reporting.

## REFERENCES

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- [NRCS Pacific Islands Area Field Office Technical Guide \(FOTG\)](#), Section IV, Pacific Islands Watering Facility (614) – Conservation Practice Standard, Conservation Practice Specification, and Operation and Maintenance Plan.
- [NRCS National Engineering Manual \(NEM\)](#)
- [NRCS National Environmental Compliance Handbook](#)
- [NRCS National Cultural Resources Procedures Handbook](#)
- [NRCS National Range and Pasture Handbook](#)