



## CONSERVATION ENHANCEMENT ACTIVITY

### E382B

# CONSERVATION STEWARDSHIP PROGRAM

## Installing electrical fence offsets and wire for cross-fencing to improve grazing management

### Conservation Practice 382: Fence

**APPLICABLE LAND USE:** Pasture, Range

**RESOURCE CONCERN:** Soil

**ENHANCEMENT LIFE SPAN:** 20 Years

### Enhancement Description

Retrofitting conventional fences such as barb wire, with new electrical offsets and electrical wire to facilitate cross-fencing for improved grazing management.

### Criteria

- Electrical offsets will be attached to conventional fences to provide installation points for electrical tape, polywire, or other NRCS state approved electrical wire fence that will construct cross-fencing.
- The type and design of the fence retrofitting or construction will meet the management objectives and site challenges.
- The conventional or existing fence must meet state technical standards prior to the retrofit of the offsets.
- The offsets and electrical fence Implementation Requirement (IR) or jobsheet will specify:
  - Animal species of concern, both wildlife and domestic
  - Installation of cross-fence according to the conservation plan map
  - Installation of offsets and electric fence according to fence specifications



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## Adoption Requirements

This enhancement is considered adopted when the criteria is met, documentation records are provided, and results viewed on the planned location.

## Documentation and Implementation Requirements

### **Participant will:**

- Prior to implementation, obtain NRCS Implementation Requirement (IR) or jobsheet that provides the construction specification for the offsets and electric cross-fence.
- Prior to implementation, develop a map with assistance from NRCS as needed, which identifies the location(s) of the conventional fence and the location(s) of the retrofitting with offsets and electrical cross-fencing.
- Prior to implementation, consult with NRCS on the quality of the existing conventional fence.
- During implementation, consult with NRCS if there are any changes or modifications to the material or construction techniques.
- After implementation, provide a map of the actual location(s) of construction of the offsets and electrical cross-fence(s) for review.
- After implementation, provide pictures of newly constructed offsets and cross-fence(s) showing the specified construction specifications were implemented.

### **NRCS will:**

- Provide technical assistance as requested.
- Prior to implementation, as requested, assist the participant in the development of a map identifying the location(s) of the conventional fence and the location(s) of the retrofitting with offsets and electrical cross-fencing.
- Prior to Implementation, develop an Implementation Requirement or jobsheet with construction specifications.

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- Prior to implementation, provide technical determination of the quality of the existing conventional fence to state technical standards.
- During implementation, assist the participant with any modifications to the construction specifications when needed.
- After implementation, review offsets and electric cross-fence(s) location map.
- After implementation, certify offset and cross-fence(s) construction meets the Implementation Requirements (IR) or jobsheet design.

**NRCS Documentation Review:**

I have reviewed all required participant documentation and have determined the participant has implemented the enhancement and met all criteria and requirements.

Participant Name \_\_\_\_\_ Contract Number \_\_\_\_\_

Total Amount Applied \_\_\_\_\_ Fiscal Year Completed \_\_\_\_\_

\_\_\_\_\_  
NRCS Technical Adequacy Signature

\_\_\_\_\_  
Date

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**WASHINGTON SUPPLEMENT TO  
CONSERVATION ENHANCEMENT ACTIVITY**

**CONSERVATION  
STEWARDSHIP  
PROGRAM**

**References for Washington Conservation Practice 382 (Fence) Enhancements**

**NRCS Fence (382)** Practice Standard is located in the FOTG Section 4 – Practice Standards and Supporting Documents/Fence (382) folder. Detailed fence specifications, IR's (job sheets, spec sheets) and drawings are also located in the Fence (382) folder.

<https://efotg.sc.egov.usda.gov/#/state/WA/documents>

**Using Electric Offsets as Part of Fencing Systems, ID-269.** Morgan Hayes, Chris Teutsch, Jeremy McGill, Gallagher. University of Kentucky College of Agriculture, Cooperative Extension Service. <http://www2.ca.uky.edu/agcomm/pubs/ID/ID269/ID269.pdf>

Washington State's Wildlife Habitat Evaluation Guide (WHEG) is **Biology Technical Note 14 Wildlife Habitat Evaluation Guide (WHEG)**. It can be found in the NRCS Field Office Technical Guide (FOTG) Section 1/References Lists/Technical Notes by Discipline/Biology folder. <https://efotg.sc.egov.usda.gov/#/state/WA/documents>

Use the Washington Department of Fish & Wildlife (WDFW) **Priority Habitats and Species (PHS) database** to identify priority wildlife and habitat in your area.

<http://wdfw.wa.gov/mapping/phs/>

**A Landowner's Guide to Fences and Wildlife**, How to Build Fence with Wildlife in Mind.

Paige, C. 2012. Montana Fish, Wildlife & Parks. 56 pp.

[A landowners guide to wildlife friendly fences.pdf](#)

For Washington State's **Sage Grouse Habitat Evaluation Guide (WHEG), and other species WHEG's**, – contact the NRCS State Biologist for the current guide.

Range Technical Note 102, July 2009, **Riparian and Other Tight Fence –Wildlife Considerations** can be found in the NRCS Field Office Technical Guide (FOTG) Section 1/References Lists/Technical Notes by Discipline/Range folder

<https://efotg.sc.egov.usda.gov/#/state/WA/documents>