



**CONSERVATION ENHANCEMENT ACTIVITY**

**E528H**

**CONSERVATION STEWARDSHIP PROGRAM**

**Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature**

**Conservation Practice 528: Prescribed Grazing**

**APPLICABLE LAND USE: Range, Pasture, Forest**

**RESOURCE CONCERN: Water**

**ENHANCEMENT LIFE SPAN: 1 year**

**Enhancement Description**

Grazing management employed will provide cover and density needed in the watershed in order to reduce runoff, improve infiltration, provide for above ground water filtration and sustain applicable fish and wildlife species habitat.

**Criteria**

- A written plan for matching the forage quantity and quality produced with the grazing and/or browsing demand by livestock and wildlife will be followed.
- Enhance diversity of rangeland plants to optimize delivery of nutrients to the animals by incorporating the intensity, frequency, timing and duration of grazing and/or browsing needed as determined by a planning process that includes:
  - Clear objectives,
  - A resource inventory with ecological site description or reference sheet and structural improvements and existing resource conditions,
  - Grazing plan, and
  - A contingency plan.

E528H – Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	August 2020	Page   1
---	-------------	----------



## CONSERVATION STEWARDSHIP PROGRAM

- Supplemental feed and/or minerals will be balanced with the forage consumption to meet the desired nutritional level for the kind and class of grazing and/or browsing livestock.
- Minimize concentrated livestock areas to enhance nutrient distribution and improve or maintain ground cover and riparian/floodplain plant community structure and functions.
- Manage grazing and/or browsing so as to provide adequate ground cover and plant density to maintain or improve infiltration capacity and reduce runoff.
- Provide adequate ground cover and plant density to maintain or improve filtering capacity of the vegetation by moving livestock appropriately.
- Graze and rest pastures appropriately and with the right numbers, class, and kind of livestock so as to maintain adequate riparian community structure and function to sustain associated riparian, wetland, floodplain and stream species.



# CONSERVATION STEWARDSHIP PROGRAM

## Documentation and Implementation Requirements

### **Participant will:**

- Y Prior to implementation, obtain a written grazing plan with guidelines and recommendations for matching the forage quantity and quality produced with the grazing and/or browsing demand.
- Y During implementation, keep pasture/herd in/out records and grazing utilization records for key grazing areas.
- Y After implementation, make the follow items available for review by NRCS to verify implementation of the enhancement:
  - o Written grazing plan
  - o Pasture/herd in/out records.
  - o Documented forage utilization levels

### **NRCS will:**

- Y As needed, provide technical additional assistance to the participant as requested.
- Y Prior to implementation, provide and explain NRCS Conservation Practice Standard Prescribed Grazing (Code 528) as it relates to implementing this enhancement.
- Y Prior to implementation, verify a grazing plan has been developed, which includes written objectives.
- Y After implementation, verify implementation of the written grazing plan by reviewing plan, pasture/herd in/out records, and utilization records kept during enhancement implementation.

E528H – Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	August 2019	Page   3
---	-------------	----------



# CONSERVATION STEWARDSHIP PROGRAM

## 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



E528H – Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	August 2019	Page   4
---	-------------	----------



## OREGON SUPPLEMENT TO CONSERVATION ENHANCEMENT ACTIVITY

## CONSERVATION STEWARDSHIP PROGRAM

### E528H

#### **Additional Information and Documentation Requirements for Oregon**

- In addition to the documentation requirements specified in the National job sheet E528H the following additional documentation requirements apply in Oregon.
  - A written grazing management plan developed by NRCS or a qualified professional that follows Oregon conservation practice Prescribed Grazing ( 528), standards, specifications and implementation requirements.
  - Current NRCS employees do not qualify as “non-affiliated consultants” regardless of their experience or education.
  - For riparian grazing management strategies, a written narrative describing planned season of livestock grazing use to limit nutrients and or pathogen in surface water.
  - Specifications for this practice shall be prepared for each site based on a site by site evaluation.
  - When livestock exclusion is being implemented reference Oregon Fence (382) standard, specifications and implementation requirements.
  - Monitoring will include actual use records, permanent photo points, and will be provided to NRCS annually.
  - Document adjustments to grazing plan as result of monitoring and assessment data.

#### **Reference Documents:**

The Pasture Condition Score and Forage Utilization forms can be found at the following location:

[Pasture Condition Score and Guide](#); Section III eFOTG > Oregon Planning Documents > Grazing Land Inventory Documents

Stream Visual Assessment Protocol Version 2:

[SVAP2](#)

More information and forms on Key Species Forage Utilization and Photo-Point monitoring can be found in the following links:

[Key Species Utilization](#)

[Photo Plot Monitoring Guide](#)