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Washington State Natural Resources Conservation Service



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Introductions

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Soil Conservationist, USDA-NRCS Renton



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Agenda

History

Who we are

The Programs

5-steps to assistance



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History

1930s

- Depression
- Civilian Conservation Corps
- Dust Bowl – Hugh Bennet (right), soil health advocate
- Congress realized local efforts key to conservation
- Erosion Control Service to Soil Erosion Service to Soil Conservation Service to NRCS



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Who we are

We help people help the land!

USDA agency that supports locally led conservation

We offer **voluntary** programs

Technical Assistance is free

Conservation programs w/ cost sharing

We are **non-regulatory**

Service centers located across the state

King County Service center is in Renton



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The Programs



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Environmental Quality Incentives Program (EQIP)

Basically, “the starting point”

A **contract** provides financial and technical assistance

Installs conservation practices that address concerns (basic practices vary by land use)

There are hundreds of conservation practices that we help out with funding



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Previous King County Conservation Practices Funded



- High Tunnels (LOTS of them)
- Cover crops
- Silvopasture
- Riparian Forest Buffer
- Bridge/culvert replacement for fish barrier restoration
- Hedgerow
- Mulching





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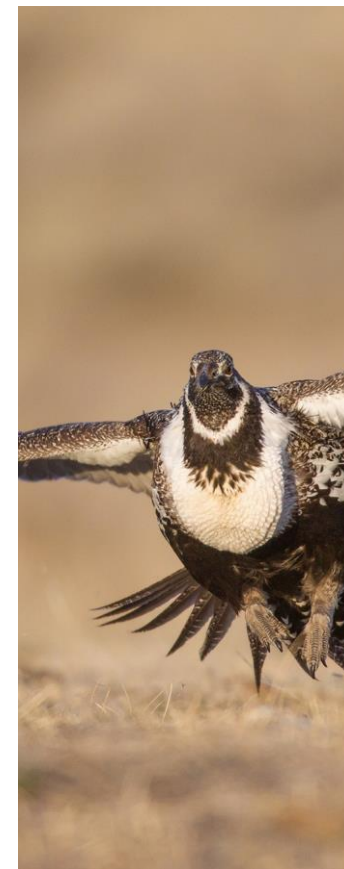
Conservation Stewardship Program

Basically, “EQIP to the next level”

CSP is a **contract** for working lands

Builds on existing conservation efforts

Practices ensure sustainability of your operations



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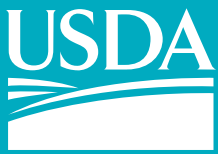
5-Steps to Assistance

1. Planning
2. Application
3. Eligibility
4. Ranking
5. Implementing



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Financial Assistance / Cost Share

Submit Application

- NRCS CPA 1200
 - 10 Questions
 - Submit early, save your place in line
 - No obligation
 - Application deadlines:
 - ~October for EQIP
 - Mid-year for CSP

US DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

NRCS-CPA-1200
03/2019

CONSERVATION PROGRAM APPLICATION

Name:	Application Number: (NRCS fills out)
Address:	Application Date:
	County and State:
Email:	
Telephone:	Watershed:
	Subaccount: All available
Location (Legal Description or Farm and Tract Number):	

1. ☐ Yes ☐ No Do you have farm records established with the appropriate USDA Service Center Agency?

If no, you must establish them with the appropriate USDA Service Center Agency prior to submitting this application.

2. This is an application to participate in the:

<input type="checkbox"/> Agricultural Management Assistance (AMA)	<input type="checkbox"/> Environmental Quality Incentives Program (EQIP)
<input type="checkbox"/> Conservation Stewardship Program (CSP) <input type="checkbox"/> CSP Renewal	Agriculture Conservation Easement Program (ACEP) - Wetland Reserve Easements (WRE)
<input type="checkbox"/> Regional Conservation Partnership Program (RCPP) <input type="checkbox"/> EQIP <input type="checkbox"/> CSP	<input type="checkbox"/> Regional Conservation Partnership Program (RCPP) <input type="checkbox"/> ACEP- (WRE) <input type="checkbox"/> Healthy Forest Reserve Program (HFRP)



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Financial Assistance / Cost Share

Establish/Update Farm Records with Farm Services Agency -

- A bit more involved than NRCS application
- 6 documents



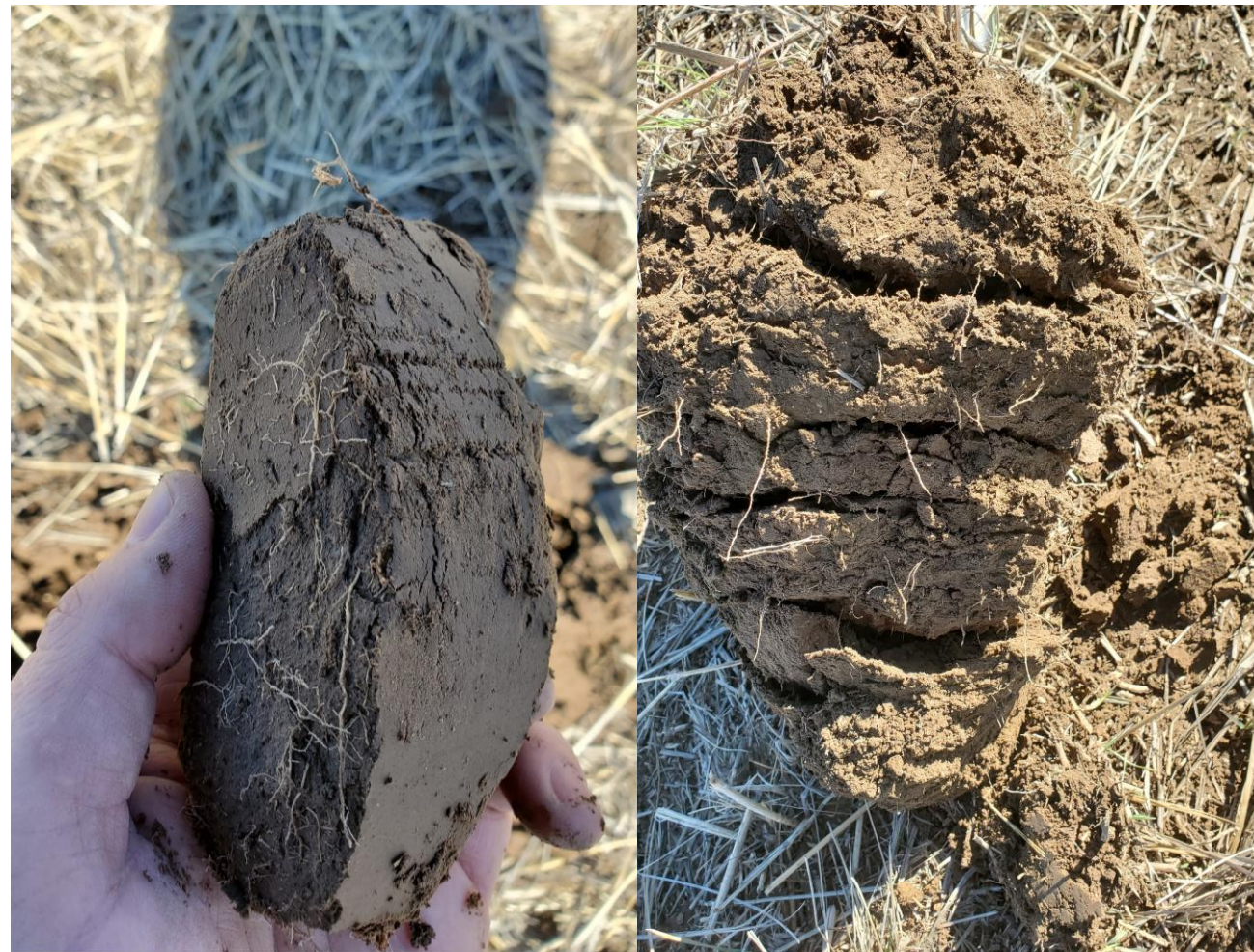
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Financial Assistance / Cost Share

Site visit with NRCS folks.

- Identify and assess potential “resource concerns”
 - “Resource Concern” is NRCS jargon for how we justify cost-share
- Types of Resource Concerns
 - Soil compaction
 - Low plant/crop production
 - Ponding
 - Nutrient leaching
 - Erosion
 - Pasture deterioration





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Financial Assistance / Cost Share



Cost-share - 1000's of scenarios

FY22 Practice Scenario Guidance											
		National Scenarios-automatically offered in FY22								Pr- WA High Priority Practices (Top 10 Practices)	
		New for FY22 or a change has been made to the highlighted cell.								Wp- Source Water Protection Practices	
		WA NRCS Offered Scenario in FY21 and will Be offered in FY22- No highlight needed									
Discipline	Practice Code	Practice Name	Scenario Number	Scenario Name	Scenario Description	Washington NRCS Scenario Guidance	Scenario Unit	Total Cost per Unit	General EQIP Default is 75%	Pr or Wp Payment Rate at 90%	Comments, Notes or Remarks:
Agron	340	Cover Crop	1	Cover Crop - Basic (Organic and Non-organic)	Typically a small grain or legume (may also use forage sorghum, radishes, turnips, buckwheat, etc.) will be planted as a cover crop immediately after harvest of a row crop, and will be followed by a row crop that will utilize the residue as a mulch. This scenario assumes that seed will be planted with a drill. The cover crop should be allowed to generate as much biomass as possible, without delaying planting of the following crop. The cover crop will be terminated using an approved herbicide prior to planting the subsequent crop.	All legumes planted for nitrogen benefits must have appropriate inoculant. Do not use species listed on the associated county's noxious weed list . http://www.nwcb.wa.gov/ . Refer to the Pacific Northwest Cover Crop Selection Tool for additional assistance with species selection. All requirements in the NRCS Cropland Cover Crop Termination Guidelines document must be followed and planners need to advice participant to contact their insurance agent before scheduling cover crops. For any additional considerations contact Area or State Agronomists or State Plant Materials Specialist. http://www.nwcb.wa.gov/	Acres	\$68.69	\$51.52	\$61.82	WA's High priority Practices So will be paid at 90%. RCPP-EQIP with be the Standard and HU pay rates found in column K and L

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Financial Assistance / Cost Share

- Applications are Ranked in various Local, State, and National fund pools
- FY 21 Applications → Contracts May/June of 2022
- Payments made after installation
- Verified to meet NRCS specifications



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528-CPS-1

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CONSERVATION PRACTICE STANDARD

PREScribed GRAZING

CODE 528

(ac)

DEFINITION

Managing the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic, and management objectives.

PURPOSE

Apply this practice as a part of a conservation management system to achieve one or more of the following—

- Improve or maintain desired species composition, structure and/or vigor of plant communities
- Improve or maintain quantity and/or quality of forage for grazing and browsing animals' health and productivity
- Improve or maintain surface and/or subsurface water quality and/or quantity
- Improve or maintain riparian and/or watershed function
- Reduce soil erosion, and maintain or improve soil health
- Improve or maintain the quantity, quality, or connectivity of food and/or cover available for wildlife
- Manage fine fuel loads to achieve desired conditions

CONDITIONS WHERE PRACTICE APPLIES

This practice applies to all lands where grazing and/or browsing animals are managed.

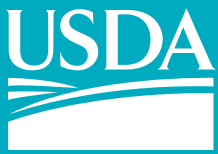
CRITERIA

General Criteria Applicable to All Purposes

Manage stocking rates and grazing periods to adjust the intensity, frequency, timing, duration, and distribution of grazing and/or browsing to meet the planned objectives for the plant communities, and the associated resources, including the grazing and/or browsing animals.

Remove forage in accordance with site production limitations, rate of plant growth, the physiological needs of forage plants, and the nutritional needs of the animals.

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Financial Assistance / Cost Share

Implementation Requirements



382-Fence Implementation Requirements

Owner: Farmer C. McFarmerson Project or Contract: 74054622015
 Operator: _____ County: KING
 Farm & Tract Number: Farm: 1515 Tract: 2121 Date: 07/15/2021
 Field Number/Location: Field: 2

Feet Installed: **359 FT** Georeferenced (GPS): ☒

Fence Type

(Describe type of fence to be installed (number of strands, barbed wire, woven, electric, mesh, etc., Include diagrams as needed)

Current fencing was not designed around a centrally located livestock watering system and a rotational grazing system. Producer will be installing a fence that will facilitate a livestock watering system (funded through NRCS & EQIP as part of this project) that connects all 4 four of their pastures to a central watering system. Existing fencing was deemed unfit to withstand the additional strain that would be placed on it with the installation of a centralized watering facility as well as unable to facilitate linking all four pastures to a single water source and a prescribed grazing system.

Producer will be using Commercially Available New Corral Panels supported by treated lumber posts. Panels will be connected to each other using the manufacturer supplied hinges and then bolted to the posts with a steel plate and lag bolt. Corner post will be 8 in diameter and line posts will be 6 in diameter.

Index

- ☒ Enviro Eval CPA-52
- ☒ Assistance Notes
- ☒ Practice Location Map
- ☒ Specifications
- ☒ Operation & Maintenance
- ☐ Client's Acknowledgement
- ☐ Installation Certification

Utility Safety / One-Call System Information:

Call 811

<http://call811.com/before->



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Financial Assistance / Cost Share

Conservation Plan



Renton Service Center
941 Powell Ave SW, Ste. 102
Renton WA 98057

Conservation Plan

STEVE C. FARMER
FARMER MCFARMER RD
Renton, WA 98057

OBJECTIVE(S)

Treatment of Identified Resource Concerns:
-Emissions of Particulate Matter (PM) and PM Precursors
-Sediment Transported to Surface Water
-Compaction
-Sheet and Rill Erosion
-Wind Erosion

Install the conservation practices, enhancements, and activities according to the implementation requirements, designs, construction plans, or other documents that facilitate meeting the applicable NRCS technical criteria. If you do not have such information, contact your local office before starting to install your conservation practices, enhancements, and activities.

Cover Crop (340)

Cover crop - Plant grasses, legumes and forbs for seasonal vegetative cover where seasonal cover will protect or improve natural resources.

Tract	Field	Planned Amount	Month	Year	Applied Amount	Date
2052	1	288.5 Ac	05	2022	--	--
2084	2	135.3 Ac	12	2022	--	--
1851	3	48.4 Ac	12	2023	--	--



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Questions?



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