



South Douglas Conservation District
September 17, 2020 WCC meeting

Thanks to Carolyn Kelly for providing the cookies

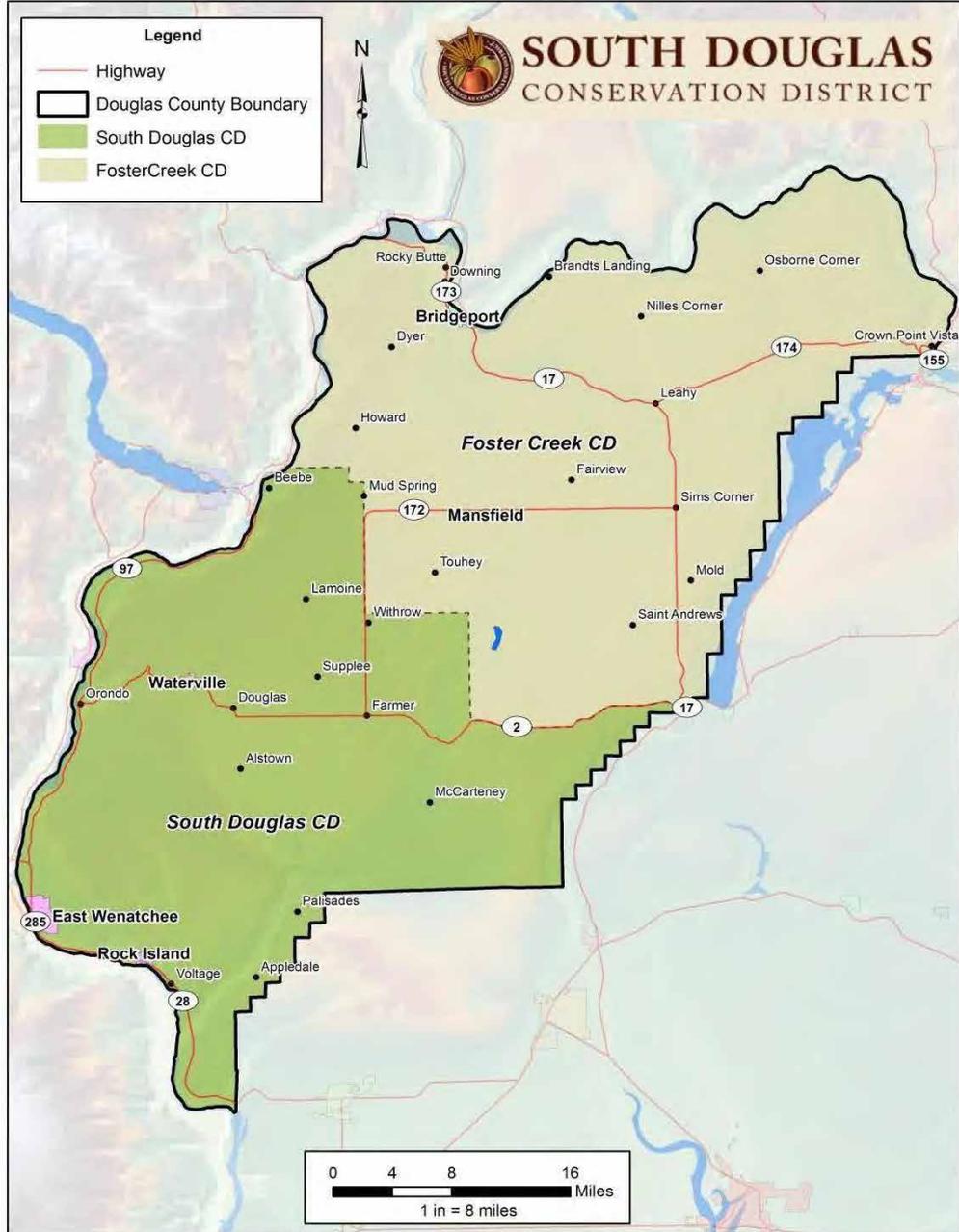




SOUTH DOUGLAS CONSERVATION DISTRICT

Legend

-  Highway
-  Douglas County Boundary
-  South Douglas CD
-  FosterCreek CD



Douglas County Facts

Ownership of Douglas County				Douglas County Land Usage			
Private	1,006,829	acres	86%	Dryland	538,000		46%
Federal	35,891		3%	Irrigated	24,000		2%
State	116,430		10%	Orchard	12,000		1%
County	12,490		1%	Range	570,000		48%
	1,171,640	acres	100%	Woodland	8,000		1%
				Urban	19,640		2%
					1,171,640	acres	100%

History of the Douglas County Conservation Districts

In 1939, the Washington Legislature passed the State Soil and Water Conservation Law. On February 15, 1941, Douglas Soil and Water Conservation District became the tenth district to organize in Washington State. Additional areas of Farmer, Withrow, and Orondo were added March 6, 1944.

East Wenatchee Conservation District organized April 2, 1946. Moses Coulee Soil and Water Conservation District, organized June 4, 1941 was merged between Douglas and East Wenatchee Districts October 7, 1969. East Wenatchee then merged with Douglas to form the South Douglas Conservation District on August 5, 1975.

Foster Creek Conservation District, organized June 27, 1942, remains intact.

2020 Supervisors

South Douglas Conservation District

- Joe Sprauer – Withrow, dryland farmer, Do Co Fire #1
- Jeff Rock – Waterville, dryland farmer, Do Co Fire #1
- Eileen Bone – Waterville, land owner, retired Army nurse, Waterville Recycle
- Mike Lesky – Orondo, orchardist, alfalfa, WVC faculty
- Lindsey Morrison – East Wenatchee, Horticulturist – Stemilt Growers
- Carolyn Kelly (Associate)- Waterville, former manager of Skagit CD

- Carol Cowling – Douglas, Coordinator

Function of the South Douglas Conservation District

To make available technical, financial and educational resources, whatever their source, and focus or coordinate them so that they meet the needs of the local land manager with conservation of soil, water and related natural resources.

Priority Natural Resource Conservation Needs:

- § Wind & Water Erosion Control**
- § Noxious Weed Control**
- § Firewise Planning & Implementation**
- § Livestock Grazing, Range and Water**
- § Conservation Technology**
- § Alternative Cropping Systems**
- § Irrigation Water Management**

As outlined in our Five Year Plan

South Douglas CD Budget

Budget 2015-2020 (to date)

**74% conservation on the ground –
cost share, Firewise, support**

**12% education – newsletter, Kids in the
Creek, NCW Fair, Envirothon, Cascadia
CD educator job share, workshops**

**14% other – insurance, rent, dues, admin,
State audit**

Cost Share Projects

2005-2020

- Fuels reduction – Waterville, Badger Mountain, East Wenatchee, Rock Island
- Soil testing – 56,000 acres
- 3 cattle guards
- 3 windbreaks
- 3 livestock fencing
- Livestock water tank
- 4 Irrigation upgrades
- 8 dams and terraces, grassed waterways
- 1 pond
- 7 chipping days (grant funded)

Grassed Waterway Waterville Plateau



3,000 feet developed



Sunflower cover crop

Terrace

Waterville Plateau

- Before



To prevent soil and water erosion.

- After



5 row Windbreak Waterville



Windbreak

A family affair



Wildlife Pond - Waterville



Before – run off and poor drainage

After – young plants
planted



Fencing after Wildfire

Before

- 3 pastures



After

- 650 acres, 70 pairs of cows



Fencing after Wildfire

650 acres, 8400 feet



Orchard Irrigation Project Baker Flats

“Changing from impact to microsprinklers saves over 50% of water used” – Ernesto V



Impact to Micro Sprinklers



Windbreak Irrigation -Withrow



Partially funded by NRCS
(design, plants)

Fuels Reduction Project

Canyon Hills Condos, East
Wenatchee

Junipers #1 problem



Fuels Reduction

Removal of Junipers



Ready for erosion plantings



Livestock Waterer After

- Concrete pad around tank (used grain bin) to prevent erosion of soil around waterer.



- Pump Housing



Fuels Reduction Cost Share – Badger Mntn



Fuels Reduction East Wenatchee



Fuels Reduction - After



Composting Facility Before



Composting Facility After Orondo



Fencing Orondo

After



Ready for pasture seeding



Fencing – Trusting Spirit Horse Rescue

Owner cost share match



**Sometimes it takes Volunteers to
finish a project**



New sprinklers for irrigation system Palisades



Project Development



- Project to prevent erosion was modified to develop terraces to stop water from entering waterway and wetland.

Terraces to be built at red arrow.



Future Project

Moses Coulee, McCartney Creek

115 acres



Pollinator habitat, weed control, water quality, wildlife habitat, irrigation efficiencies

Spring Chipping

Waterville



East Wenatchee



Spring Chipping

Spectator Sport



East Wenatchee



Fall Chipping

East Wenatchee

East Wenatchee



Fall Chipping

Rock Island



SOUTH DOUGLAS CONSERVATION DISTRICT
2020
TREE AND SHRUB SALE



2020 Sale
April 4, 2020

Catalog on our
website or paper
catalog available.

P.O. BOX 246
WATERVILLE, WA 98858
(509) 745-9160 or 745-8121

2019 Tree Sale

- We sell bare root and potted plants



- The “Impulse Table” is usually empty by the end of sale.



Soil Your Undies Challenge



Left –
compost
pile



Right – pumpkin
patch



Waterville gardener

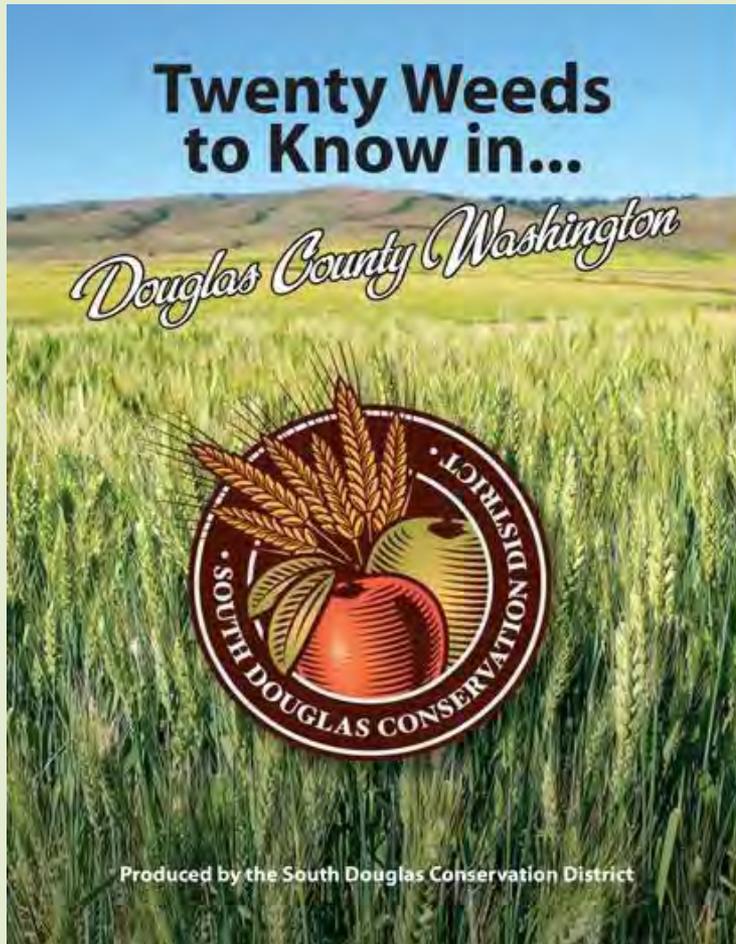


Testing microbes in the soil

Thanks to Carolyn Kelly

Weed Book

(available hard copy or download)



Purpose of this Booklet

The purpose of this booklet is to help producers and land managers identify known or potential weed species and to present options for control and/or eradication of non-desireable plant species.

Vets on the Farm Talk to us!!

Working with Cascadia Conservation District (Chelan County) to develop program in area.

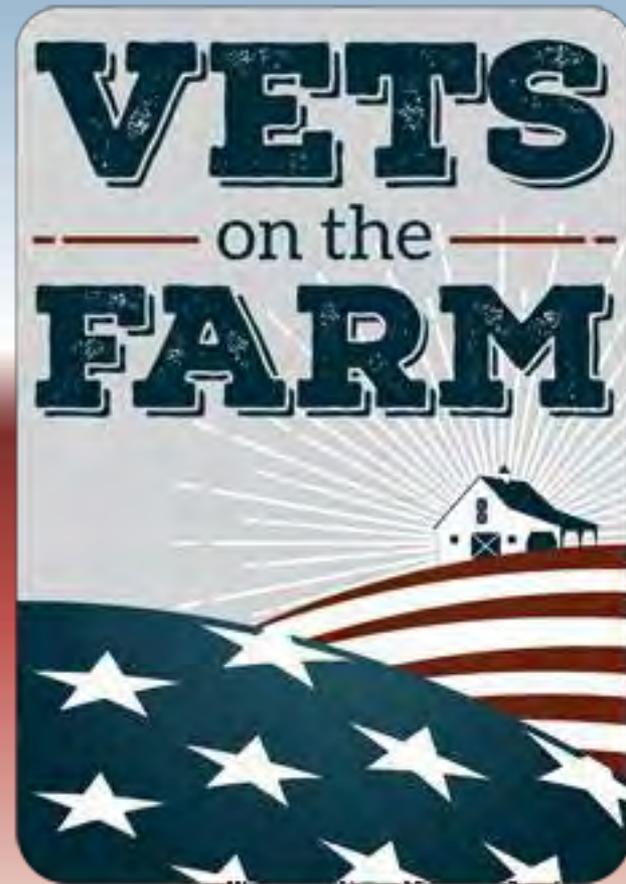
Possibilities:

- Open to new ideas

Goal is to link Veterans with the agriculture industry

Spokane Conservation District has an active program that could work well in Douglas/Chelan Counties.

Veteran? Mentor? Contact us.



Other Projects

- Voluntary Stewardship Program (VSP) Technical Service Provider
 - Assistance in developing and implementing conservation practices
- Firewise for Douglas County
 - Free Assessments and possible cost share
- Blue reflective emergency signs (BLM grant)
 - 175 total signs delivered
- New! Partnering with Cascadia CD for education in South Douglas CD
- NCW Fair Booth
 - Douglas County Agriculture Poster Contest
- Kids in the Creek – Cascadia CD
- Waterville School – Douglas Creek Project and FFA
- Quarterly newsletter to all Douglas County residents (16,000)

Cascadia Conservation District and South Douglas Conservation District

Present

Native Planting

101

Saturday, March 7th

12:00 — 4:00 pm

NCW Fairgrounds Community Hall

601 N Monroe St, Waterville, WA



A **FREE WORKSHOP** featuring local plant and natural resource experts!

All you ever wanted to know about...
Landscape Design, Yardscaping, & Weeds
...using native plants!

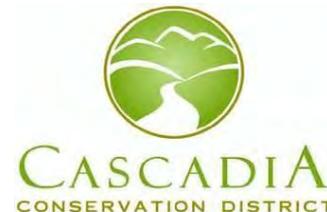
~ Refreshments provided ~



For more information and to RSVP

Please contact:

(509) 436-1601 or kirkb@cascadiacd.org



Plans for early March
2021
“Birds, Bees, and Bats,
Oh My!”

South Douglas Tour



South Douglas Tour



2020 Wildfires - September

Cold Springs – 172,000 acres (Okanogan County)

Pearl Hill – 220,000 acres (Douglas County)

55 structures – 17 homes, 35 outbuildings

3 commercial (Jack's Resort – our go-to caterer)



220,000 acres burned



Shrub Steppe and pasture

Crop land



Property Destroyed



Farm Equipment

17 Homes



Thanks for watching !!



South Douglas Conservation District Questions?

