South Douglas Conservation District
September 17, 2020 WCC meeting
Thanks to Carolyn Kelly for providing the cookies
Douglas County Facts

Ownership of Douglas County

<table>
<thead>
<tr>
<th>Ownership</th>
<th>Acres</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private</td>
<td>1,006,829</td>
<td>86%</td>
</tr>
<tr>
<td>Federal</td>
<td>35,891</td>
<td>3%</td>
</tr>
<tr>
<td>State</td>
<td>116,430</td>
<td>10%</td>
</tr>
<tr>
<td>County</td>
<td>12,490</td>
<td>1%</td>
</tr>
<tr>
<td>Total</td>
<td>1,171,640</td>
<td>100%</td>
</tr>
</tbody>
</table>

Douglas County Land Usage

<table>
<thead>
<tr>
<th>Usage</th>
<th>Acres</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dryland</td>
<td>538,000</td>
<td>46%</td>
</tr>
<tr>
<td>Irrigated</td>
<td>24,000</td>
<td>2%</td>
</tr>
<tr>
<td>Orchard</td>
<td>12,000</td>
<td>1%</td>
</tr>
<tr>
<td>Range</td>
<td>570,000</td>
<td>48%</td>
</tr>
<tr>
<td>Woodland</td>
<td>8,000</td>
<td>1%</td>
</tr>
<tr>
<td>Urban</td>
<td>19,640</td>
<td>2%</td>
</tr>
<tr>
<td>Total</td>
<td>1,171,640</td>
<td>100%</td>
</tr>
</tbody>
</table>

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
2020 South Douglas Conservation District

2020 Tree and Shrub Sale

2020 Sale
April 4, 2020

Catalog on our website or paper catalog available.

PO. 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
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-desirable 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.

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?