

COOS SOIL AND WATER CONSERVATION DISTRICT



2013 ANNUAL REPORT

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LIST OF COOPERATORS

FEDERAL

USDA, Natural Resources Conservation Service (NRCS)
USDA, Farm Service Agency (FSA)
USDA, US Forest Service
USDOI, Bureau of Land Management
USDD, Army Corps of Engineers

COOS COUNTY

Board of Commissioners
Planning Commission
County Forester
Drainage District Chairman
County Water Master
Coos County Weed Advisory Board
County Road Department
Coquille Watershed Association
Coos Watershed Association
Tenmile Lakes Basin Partnership

PORTS

Port of Bandon
Port of Coquille

OREGON

Department of Agriculture (ODA)
Special Districts Association
Oregon State University Extension Service
Department of Forestry (ODF)
Department of Fish and Wildlife (ODFW)
Department of Environmental Quality (DEQ)
Soil and Water Conservation Commission

DISTRICT STAFF

Dawn Weekly, WTS/Office Clerk

ACCOUNTANT

Coquille Valley Accounting (CVA)
John Fandel
Seth Fandel

Coos Soil and Water Conservation District

Board of Directors and Employees 2012-2013

Zone 1

Steven Scheer,
PO Box 5617
Charleston, OR 97420
(541) 404-4442

Zone 5

Vacant

Associate Directors

Rob Weekly

Zone 2

Dan Pierce
Secretary
85091 North Bank Ln.
Coquille, OR 97423
(541) 347-5110

Member at Large, Position #1

Ernie Newton
Treasurer
1631 Bothwick St.
Myrtle Point, OR 97458
(541) 572-2589

Director Emeritus

Gordon Ross
Joe Cortez
Ken Messerle
Dan Varoujean

Zone 3

Charlie Waterman,
Vice-Chairman
87518 Davis Creek Lane
Bandon, OR 97411
(541) 347-3453

Member at Large, Position #2

Mark Villers
Chairman
61456 Lower Mattson Road
Coos Bay, OR 97420
(541) 290-9650 (cell)

District Staff

Caley Sowers
*Watershed Technical
Specialist/Office Manager*
371 N. Adams St.
Coquille, OR, 97423
(541) 396-6879

Zone 4

Beau Allen,
668 7th St.
Myrtle Point, OR 97458
(541) 297-4072

Registered Agent

Charlie Waterman

Coos SWCD Committees:

Projects Committee

Steve, Dan, Charlie, Beau,
Mark and Ernie

Personnel Committee

Mark, Charlie, Steve

Plan of Work

Caley, Steve

LAC Representative

Beau

Budget Committee

Dan, Mark, and Steve

Coquille Watershed Representative

Caley and Ernie

Guerin Memorial Essay Contest

Sharon Waterman, Ann Guerin
Cheryl Griffith & Dawn

Scope of Work

Caley, Beth Pietrzak, Steve

Website Committee

Caley and Mark

Small Grant Team Representative

Mark & Ernie

South Fork Advisory Rep.

Caley Sowers

Technical and Financial Resources for Landowners

Coos Soil and Water Conservation District

Dawn Weekly — *Watershed Technical Specialist*
371 North Adams Street
Coquille, OR 97423
(541) 396-6879

USDA - Natural Resources Conservation Services

Amy Wilson — *District Conservationist*
382 North Central Blvd.
Coquille, OR 97423
(541) 396-2841 ext 105

Curry County Soil and Water Conservation District

94181 4th Street
Gold Beach, OR 97444
(541) 247-2755

Oregon Department of Agriculture -

Natural Resources Division

635 Capital Street NE
Salem, OR 97301-2532
(503) 986-4700

Oregon State University Extension Service

Amy Peters — *Extension Rangeland Faculty*
631 Alder Street
Myrtle Point, OR 97458
(541) 572-5263

Coos Watershed Association

Jon Souder — *Director*
PO Box 5860
Charleston, OR 97420
(541) 888-5922

Coquille Watershed Association

Kelly Miles — *Director*
55153 Picture Valley Road
Coquille, OR 97423
(541) 572-2541

Tenmile Lakes Basin Partnership

Mike Mader — *Director*
PO Box L
Lakeside, OR 97449
(541) 759-2414

Oregon Department of Forestry

63612 5th Road
Coos Bay, OR 97420
(541) 267-4136

Coos County Water Resources Department

Mitch Lewis — *District 19 Water master*
290 North Central Street
Coquille, OR 97423
(541) 396-1905

USDA - Farm Service Agency

Bret Harris — *County Executive Director*
376 N. Central Blvd.
Coquille, OR 97423
(541) 396-2841 ext. 100

Coos/Curry CREP Tech

Barbara Grant
(541) 396-4323 ext. 106

Bureau of Land Management

1300 Airport Lane North Bend, OR 97459
(541) 756-0100

Oregon Department of Environmental Quality

Pam Blake
381 North 2nd Street
Coos Bay, OR 97420
(541) 267-2721 ext. 27

Oregon Department of Environmental Quality

Don Yon — *Coastal Zone Management*
811 SW 6th Avenue
Portland, OR 97204
(541) 229-5994

Oregon Department of Fish and Wildlife

63538 Boat Basin Road
PO Box 5430
Charleston, OR 97420
(541) 888-5515

Oregon Watershed Enhancement Board

Mark Grenbemer
221 West Stewart Avenue - Suite 201
Salem, OR 97501-3647
(541) 776-6010 ext. 231

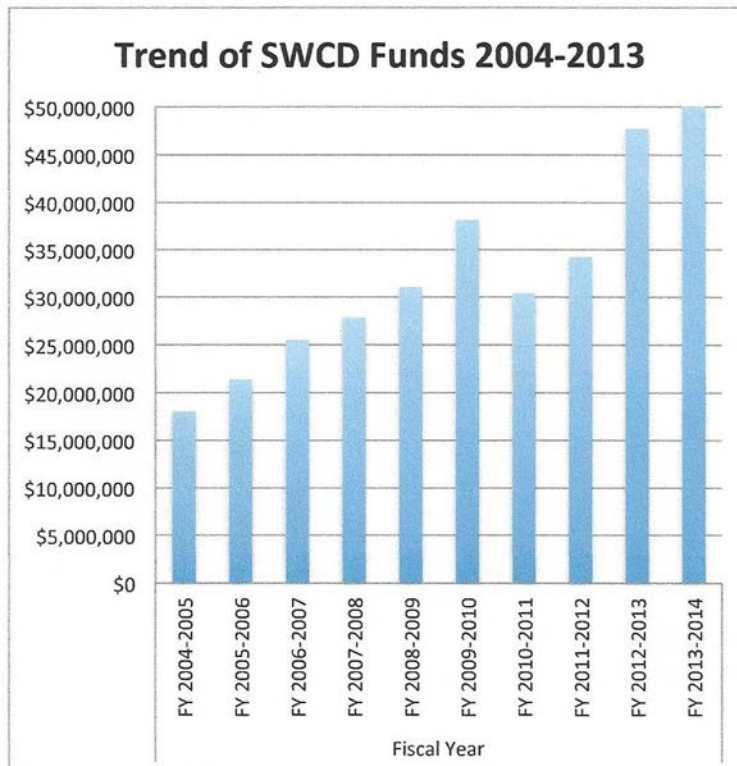
Coos County Planning Department

Jill Rolfe, Planner
225 N. Adams Street
Coquille, OR 97423
(541) 396-3121 ext 210

Coos SWCD Annual Financial Statement

Coos Soil & Water Conservation District SWCD Budget vs. Actual July 2012 through June 2013

	Jul '12 - Jun 13	Budget	\$ Over Budget	% of Budget
Income				
Carry Over	42,720.00	40,411.00	2,309.00	105.7%
Grant Administration	1,200.00	100.00	1,100.00	1,200.0%
Interest	185.93	150.00	35.93	124.0%
Mileage	2,895.93	5,000.00	-2,104.07	57.9%
Misc Income	200.00			
Soil Reports	0.00	100.00	-100.00	0.0%
Total Income	47,201.86	45,761.00	1,440.86	103.1%
Expense				
Awards	61.00	100.00	-39.00	61.0%
Directors Expenses	0.00	400.00	-400.00	0.0%
Fees	120.00	120.00	0.00	100.0%
Rent	25.00	25.00	0.00	100.0%
Vehicle Maintenance	1,959.11	3,000.00	-1,040.89	65.3%
Total Expense	2,165.11	3,645.00	-1,479.89	59.4%
Net Income	45,036.75	42,116.00	2,920.75	106.9%



COOS SOIL AND WATER CONSERVATION DISTRICT

MISSION STATEMENT:

SWCDs help landowners and managers plan and apply conservation practices that conserve water, maintain soil health and productivity, enhance wildlife habitat, and improve watershed function. SWCDs serve as a central hub by helping landowners and land managers access available technical, financial, and educational resources from local, state, federal, and other sources in their efforts to implement good conservation management, comply with environmental regulations and endangered species act requirements, and be good land stewards.

The Function of the Conservation District:

To take available technical, financial, and education resources, whatever their source, and focus or coordinate them so that they meet the needs of the local land user for conservation of soil, water, and related resources.

- *Applied from Pete Nowak's "The Conservation District Official: Villain or Victim?"*

COOS SWCD GOALS:

- To promote wise use of renewable resources through locally led voluntary conservation.
- Conserve, protect and develop natural resources for the economic benefit of the people of Coos County.
- Encourage measures for the protection of waters of Coos County.
- Assist local landowners in the developing and utilizing their resources to reduce soil erosion, conserve and improve water quality, maximize crop and forage production, improve fish & wildlife habitat, and to support the economy of Coos County.

HISTORY OF COOS SWCD:

The Coos Soil and Water Conservation District was formed in 1962, and coordinates government assistance with conservation needs, provides assistance, information, and education for Coos County farmers, ranchers, and woodlot owners to implement sound resource management and conservation practice.

The Coos-Coquille Agriculture Water Quality Management Plan (AgWQMP) was developed in 1998 for the 1993 directives of Senate Bill 1010. The document consists of an education component and a set of rules addressing measures that safeguard water quality, the beneficial uses of water resources, and provide best management practices for water quality concerns. The plan also includes the basins of Ten Mile Lakes, Four Mile Creek and Two Mile Creek as well as the Camas Valley and Lower Umpqua areas in Douglas County. Two Public hearings were held in Coos County in the fall of 2001; and after a period of public comment and review the Coos-Coquille Ag WQMP was adopted by the Board of Agriculture in March of 2002. The Coos SWCD provides support to the Local Advisory Committee (LAC), which meets every two years for a review of the WQMP and associated rules.

COOS SWCD DISTRICT OFFICE



The Coos Soil & Water Conservation District building is located at 371 North Adams Street Coquille, Oregon. The office hours are from 8am to 4:30pm, Monday through Friday and anyone is welcome to come by. Pamphlets, brochures, and packets are available right when you enter the office. So feel free to come in and get any information you need related to agriculture, farming practices, water quality, herbicides and so on. Please stop by any time.

Weed wrenches: for extracting noxious weeds on your property (ex. gorse and scotch broom) are also available for rent for up to 2 weeks for a \$25 refundable deposit at the Coos SWCD (396-6879) and NRCS (396-2841) offices in Coquille.



COOS SWCD STAFF

Caley Sowers

(Watershed Technical Specialist/Office Manager)

I look forward to hearing from all professionals in the natural resource field as well as any concerned citizens or landowners. As an employee of a non-regulatory agency I am willing to go out to landowner's farms or ranches and assist in any way possible. I am also willing to write grants to assist the landowners with small to large conservation projects. My position here is to cooperate with local agencies to provide technical and financial assistance to landowners to help them farm and ranch to the fullest extent possible while staying compliant with water quality. Please call the Coos Soil & Water Conservation District at (541) 396-6879 or e-mail the district at info@coosswcd.org.

2013 COOS SWCD DIRECTOR'S



(Left to right): Charlie Waterman-Secretary, Joe Cortez- Treasurer, Ernie Newton-Member at Large #1, Eric Himmelreich-staff, Mark Villers- Member at Large #2 & Tom Forgatsch – Chairman. Not pictured Ron Petock-Vice Chairman

Coos SWCD's Outstanding Cooperator of the Year:

Keith Baker



In the fall of 2012 Keith Baker noticed a sink hole developing on a road crossing a creek on his property. This road leads to a hay barn and to a portion of the ranch, and the sink hole was impairing the roadway and preventing access. He began clearing the brush away to see what condition the culvert was in. Beneath the brush, Keith discovered that he did not actually have a culvert, but the shell of an old school bus that must have been placed by a previous owner. It is not uncommon to find car bodies along the banks of the South Fork and other areas of the Coquille River. Back in the late 70's and early 80's this was an encouraged practice to prevent bank erosion.

Keith contacted the SWCD to find out what options he had. The Coos SWCD worked with him to research different options and a possible small grant. ODF&W Chris Claire assisted on the Fish Passage Plan and the design of a new culvert installation. Keith saved rocks and natural bed materials from the site that were later replaced at the end of the project. The bus came out in pieces and the site was prepped for the new and larger, fish-friendly culvert that was installed and embedded, thereby removing the fish barrier.

Before Photos: Early 2013



The above photos from left to right show Chris Claire of ODFW inspecting the bus-culvert, Chris Claire standing in the sink hole caused by the bus, and the interior of the bus.

During & After Photos: Summer 2013



The above photos show the wreckage of the school bus after it was removed in pieces, and an excavator digging out the trench for the new culvert to be placed in.



The photos above show the new culvert being put into place.

The photos above show the new culvert being put into place.

The Finished Culvert: Fall 2013



Part Two: The Off-Channel Watering System

The second part of this project involved the installation of two off-channel watering troughs. The off channel water system was designed to reduce surface erosion and direct over flow back to the creek for increased water in stream, and improve off channel watering away from the creek for cattle, elk, and deer. These sites also serve as a watering location for bats because of their larger sizes. The watering structures the landowner designed were based on NRCS specification and have been implemented on the back section of the ranch. The large trough can hold up to 6700 gallons but is run at 5000. The medium size trough is 3000 and is run at 2700. This land owner is not only watering his cattle herd but also supplies water for 2-3 large deer herds and 1-2 medium sized elk herds intermittently throughout the year.

OWEB SMALL GRANT: K-LINE IRRIGATION EFFICIENCY PROJECTS

Photos taken & provided by: USDA/NRCS, Coos SWCD & Pacific Ag. Staff

This project is part of an ongoing effort to address poor irrigation systems and management education along with riparian habitat & Buffer improvement in the Coquille watershed area.



Dal King K-Line irrigation project: Aug. 27, 2013

Dal King K-line irrigation project: Sept 4, 2013

This grant project, partnered with the NRCS EQIP program, was able to assist the landowner to install a 54 pod K-line irrigation system which includes approximately 3,600 feet of buried mainline that ranges from 2"-4" PVC pipe. This project has improved irrigation efficiency on approximately 31 acres of grazing and hay pasture that border 3,827 feet of river. This project now connects 2.75 miles out of a 4.75 mile stretch of recent irrigation efficiency projects on the North Fork of the Coquille River.



Bill Mast K-Line irrigation project July 24, 2013

Bill Mast K-Line irrigation project: Sept. 4, 2013

This grant project, partnered with the NRCS EQIP program, was able to assist this landowner to install a 208 pod K-line irrigation system which also includes approximately 8,300 feet of buried mainline that ranges from 2"-6" PVC pipe. This project has improved irrigation efficiency on approximately 75 acres of grazing and hay pasture that border one mile of stream. This project now connects 2.16 miles out of a 2.75 mile stretch of recent irrigation efficiency projects on the North Fork of the Coquille River.

LANGLOIS MOUNTAIN RAIN GAUGE SITES: Lunched August 30, 2011

In the early summer of 2011 former board member Tom Forgatsch (Coos SWCD Zone 2 Director) thought of an idea for a project. He felt that it was necessary to collect data to better determine how much water is actually available to landowners and cranberry growers near the ocean. Tom Forgatsch called around and was able to get approval from the Bureau of Land Management (BLM) to borrow two rain gauges worth \$1,285. The agreement was for the Coos SWCD to set up the two devices, collect the data, and share the data with BLM. Coos SWCD staff will go to the two sites located up Langlois Mountain Road at ~ 2.5 mile marker (Site 1) and 12 miles up the road (Site 2) once every month to record the data and check the condition of the devices and the batteries.

Site 1: Hildebrand's Property
(N 42 55.724' W 124 24.604')

Site 2: Steve Kalina's Property
(N 42 57.174' W 124 18.135')

Elevation: 1,006 ft, HOBO #: 194840



Elevation: 1,323 ft, HOBO #: 270940



<u>Rain Data 2012-2013</u>	<u>Site 1</u>	<u>Site 2</u>
July 2012	0.75	0.65
August 2012	0.13	0.09
September 2012	0.07	0.04
October 2012	4.84	7.63
November 2012	8.9	15.32
December 2012	12.34	17.19
January 2013	3.91	5.22
February 2013	2.39	3.64
March 2013	4.23	3.65
April 2013	2.33	4.19
May 2013	0.04	0.15
June 2013	1.42	*No data

EDUCATION & OUTREACH

2012 Guerin Memorial Essay

A look at last year's essay contest winners:

3rd Place Winner: Nicole Fossum



Nicole is a home schooled 7th grader and wrote her essay on “What Loggers and Farmers can do to benefit fish and wildlife.” Nicole participates in both the North Bend 4-H Express yourself program which focuses on art, crafts and food and she is in the 5th year of her local church bible quizzing group. She also loves to read.

2nd Place Winner: Kayley Leslie

Kayley (right) is a 10th grader at Myrtle Point Junior/Senior High School and wrote her essay on “What conservation techniques can be used by the landowners in Coos County to decrease soil erosion?”



1st Place Winner: Ireland Tall Hunter



Ireland is an 8th grader at Myrtle Point Junior/Senior High School and wrote her essay on “Conservation Techniques That Can Be Used to Decrease Soil Erosion in Coos County.”

Ireland plans on attending U of O after first attending a community college and plans on being a vet, an author or both. Currently, she is active in cross county, track, leadership, FFA and 4-H with her dog who

she has won champion for the last 2 yrs.

SCOPE OF WORK SUMMARY:

Fiscal Year runs July 1, 2012-June 30, 2013

Landowners provided technical assistance to: 109
Site visits: 44
Number of Projects written and Approved: 7
Completed Projects: 4 (Totaling \$288,049)
Result: Irrigation Efficiency

Result: Culvert Replacement

Result: Off-Channel Watering

Presentations: 5 with 116 attendees
Displays: 3 with 370 viewers
Documents Developed: 2
Documents Distributed: 457
Newsletters: 1 with 796 handed out
Student Events: 7 events, 9 schools, 394 students



In



Memory of Kristle Ann Volin

September 18, 1987 - April 16, 2013



Published in The Huntsville Times from April 21 to April 24, 2013:

Kristle was born on September 18, 1987 in Ansbach, Germany to Andrew Warren and Kimberly (Canevari) Warren. On Tuesday, April 16, 2013, the Lord called our beloved Kristle home to him. Our time with her was not long enough, but we will cherish, and are forever grateful, for the time we had with her.

Kristle was able to brighten up any room with her smile or her artwork. Her love of the outdoors was well known. She was truly happy sitting by a campfire or wading into the river in her chest waders! She was often found at one of the fish hatcheries or kid's fishing days doing what she loved best...working with fish!

Kristle was a graduate of Marshfield High School, class of 2005. She went on to attend Oregon State University and graduated in 2009 with a Bachelor's Degree in Fish and Wildlife. In the summer of 2008, Kristle married the love of her life and high school sweetheart, Ty Volin. They moved back to Coos Bay in 2010 to start their new life together.

Kristle could be found counting fish for ODFW, working with Tom Rummerich, and later working for the Coquille Watershed Association. She loved working outdoors and in the water restoring fish habitat. Kristle died in a boating accident on the Coquille River, doing what she loved.

Kristle was well loved by all of those she came into contact with her and made an impact on many lives. An Angel now, she will forever watch over those touched by her. Mahalo, until we meet again!

Kristle is survived by her husband, Ty Volin of Coos Bay; parents, Kim and Bob Richards of North Bend and Andrew and Becky Warren of Huntsville, AL; sister, Brittany Gilmore of Corvallis; sister and brother-in-law, Tiffini and Josh Cole of Klamath Falls; brother, Christopher Warren of Huntsville, AL; brother and sister-in-law, Curtis and Mary Warren of Sheffield, AL; and nieces and nephews, Brogyn Rice, Jaiden Cole, and Olivia and Conner Warren.

Friends and family are encouraged to sign the online guestbook at www.coosbayfh.com and www.theworldlink.com.

Memorial contributions may be made to the Kristle Volin Memorial Fund, P.O. box 749, Coos Bay, Oregon 97420.