

Siuslaw Collaborative Watershed Restoration Program FY2017 Stewardship Accomplishment Annual Report

The Siuslaw Collaborative Watershed Restoration Program is a forest stewardship cooperative collaboration between the Siuslaw National Forest (SNF), Cascade Pacific Resource Conservation & Development (CPRCD), and other partners including local communities, watershed councils, landowners, conservation districts, tribes, contractors, businesses, government agencies, environmental groups and industry.

The purpose of the program is to utilize Stewardship [contract] Timber Sales retained receipts (RR) to fund watershed restoration projects on the Siuslaw National Forest (60% of RR) and nearby private and non-federal lands within the Alsea, Hebo, Mary's Peak, Siuslaw, and Smith-Umpqua-Dunes Stewardship Group areas (40% of RR) to accomplish critical watershed and forest restoration work; provide community jobs and other economic benefits; and build and maintain strong relationships and trust among diverse groups of stakeholders.

This report summarizes the accomplishments of the restoration watershed activities from the Siuslaw Stewardship Timber Sales, and the On and Off-Forest projects for FY2017.

Program-wide Biophysical Accomplishments

Restoration services performed by SNF, contractors, and/or partners

VEGETATION MANAGEMENT

9,520 native trees planted
1,403 snags created
624 pieces coarse woody debris created
188 acres meadow mowing/enhancement
1975 seedlings protected
110 acres site prep
3 acres of meadow enhancement
796 acres IRTC commercial thinnings
15.4 mmbf harvested

INVASIVES CONTROL

211 acres upland forest: herbicide
108 acres riparian area: herbicide
53 acres upland forest: mechanical

STREAM, LAKE OR WETLAND TREATMENTS

3,614 native trees planted in 30 acres of riparian area
4 culverts or bridges replaced or repaired
1 mile water quality improvements
.5 miles fish ladder/passage improvement
.25 miles in-stream log placement

ROAD WORK

6.52 mile road decommissioning
13.37 miles road grading
16 failed culverts removed

THREATENED & ENDANGERED SPECIES

21,951 native trees planted for T&E species
998 predator control and protection devices
53 acres predator control/species protection

Program-wide Local Economic Benefits

Jobs and income created from all on-the-ground stewardship activity

County	\$ Earned	Avg Wage	State Taxes	Hrs Worked	FTE Jobs
Benton, OR	\$1,911,726.13	\$ 20.63	\$169,810.64	92,678.18	45.97
Douglas, OR	\$89,065.00	\$ 15.89	\$8,015.85	5,603.53	2.78
Lane, OR	\$6,916,170.60	\$ 24.53	\$622,438.60	281,923.77	139.84
Lincoln, OR	\$121,753.31	\$ 17.87	\$10,558.13	6,812.64	3.38
Linn, OR	\$4,235.84	\$ 13.58	\$0.27	312.00	0.15
Marion, OR	\$26,505.28	\$ 23.86	\$0.72	1,110.65	0.55
Tillamook, OR	\$87,776.05	\$ 13.10	\$7,899.84	6,698.77	3.32
Total	\$9,157,232.21	\$ 18.49	\$818,724.05	395,139.54	195.99

The methods used to determine the above biophysical and economic impacts were developed based on: quantity and specific units of measurement (acres, # of plants, etc.) for the restoration project type (forest, stream, etc.); and worker production estimates and federal wage determination rates for FTE jobs, average wages, net incomes and state tax revenue. All information to compile the above impacts was submitted to CPRCD by on- and off-Forest project managers and local contractors performing the services on the retained receipts stewardship restoration projects. The methodologies were developed by SNF staff and Integrated Resource Management (private forestry consultant) and information from Ecosystem Workforce at University of Oregon. Please refer to the 2014 Multiparty Monitoring Report found at CPRC's Stewardship website: www.cascadepacificstewardship.org/home/cps/smartlist_41/meetings-publications.html.

On-Forest Watershed Restoration Project Summary

On-Forest Projects are funded by revenues received from the sale of forest products removed under a Siuslaw National Forest stewardship timber sale contract. The on-Forest projects receive 60% of the total retained receipts annually to support resource restoration, maintenance and enhancement project on SNF lands. These project are developed, implemented and managed by SNF staff and are presented annually to the Stewardship Groups for input. During FY17 there were nine active projects which expended a total of \$439,930. Eleven new projects were approved in FY2017 for future implementation.

FY2017 On-Forest Projects

Managed by SNF staff

#	Project Name	Award	Match	Total
FS-118	North Creek Culvert Replacement	\$100,000	\$400,000	\$500,000
FS-119	Fivemile Channel Fill and Riparian Maintenance	\$80,000	\$85,000	\$165,000
FS-120	ORBIC Plover Nest Protection	\$30,000	\$220,000	\$250,000
FS-121	Snowy Plover Habitat Enhancement	\$62,000	\$124,145	\$186,145
FS-122	Castle Rock/Rocky Bend/Salmon River	\$28,750	\$24,700	\$53,450
FS-123	Noble Thin Meadow Restoration	\$38,400	\$17,100	\$55,500
FS-124	2017 Meadow Maintenance	\$35,000	-	\$35,000
FS-125	2017 Invasive Plant Treatment	\$45,000	\$9,500	\$54,500
FS-126	Road 2610 Culvert Replacement	\$30,000	\$7,646	\$37,646
FS-127	Dunes Restoration Siltcoos to Sparrow Park	\$59,000	-	\$59,000
FS-128	Lord Creek Culvert Replacement	\$142,056	\$72,791	\$214,837
TOTAL		\$906,206	\$1,080,882	\$1,987,088

Biophysical Accomplishments

On-the-ground activity from On-Forest projects

VEGETATION MANAGEMENT

180 acres meadow enhancement/maintenance mowing

STREAM, LAKE OR WETLAND TREATMENTS

20 acres riparian planting
1 miles water quality improvements
1 culvert replaced

INVASIVES CONTROL

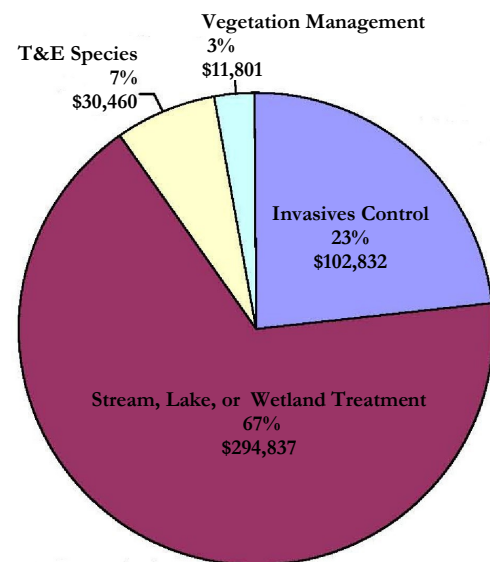
200 acres herbicide: upland forest, meadow and dunes
79 acres herbicide: riparian area
53 acres mechanical: upland forest/meadow/dunes
8 acres manual: meadow, dunes, or upland forest

THREATENED & ENDANGERED SPECIES

998 acres predator control/species protection
53 acres habitat restoration

Expenditures by restoration category

Total Expenditures FY2017



\$439,930 Spent on Restoration

Local Economic Benefits

Jobs & income created from On-Forest restoration projects

County	Dollars Earned	Avg Wage	State Taxes	Hours Worked	FTE Jobs
Benton	\$168,837	\$17.24	\$15,195	9,791	4.86
Douglas	\$89,065	\$15.89	\$8,015	5,603	2.78
Lane	\$121,926	\$13.85	\$10,973	8,806	4.37
Tillamook	\$2,301	\$12.57	\$207	183	.09
TOTAL	\$382,129	\$15.67	\$34,391	24,384	12.1

Off-Forest Watershed Restoration Project Summary

Off-Forest Projects are funded by revenues received from the sale of forest products removed under a Siuslaw National Forest stewardship timber sale contract. The off-Forest projects receive 40% of the total retained receipts annually to support resource restoration, maintenance and enhancement projects on private lands located near the SNF. These projects are subject to the SNF Technical review; managed by stewardship partners (watershed councils, SWCD's, local government, non-profits, etc.); reviewed and approved by the SNF Stewardship Groups; and fiscally administered by CPRCD. During FY17 there were over 19 active projects which expended a total of \$439,930. Seven new projects were approved in FY2017 for future implementation.

FY 2017 Approved Off-Forest Projects

Managed by the Collaborative Partners

Project #	Applicant	Project Name	Award	Match	Total
WYA17-23	MidCoast WC	Crazy and Cougar Creek Culvert Replacement	\$ 77,150	\$1,182,250	\$1,259,400
WYH17-13	City of Lincoln City	Knoll Open Space Invasives Removal	\$ 27,500	\$ 10,857	\$ 38,357
WYH17-14	NNWC	Jewell Creek Fish Passage Culvert Replacement	\$ 75,000	\$1,021,050	\$1,096,050
WYH17-15	TEP	Northwest Oregon Restoration Partnership	\$ 30,000	\$ 6,250	\$ 36,250
WYH17-16	Tillamook SWCD	Tillamook County Knotweed Invasive Control III	\$ 41,495	\$ 24,150	\$ 65,645
WYS17-22	Siuslaw WC	Cleveland Creek Hwy 36 Culvert Replacement	\$ 50,000	\$ 840,131	\$ 890,131
WYS17-23	Siuslaw SWCD	Bear Creek Habitat Enhancement Phase I	\$ 65,000	\$ 221,847	\$ 286,847
TOTAL			\$ 366,145	\$3,306,535	\$3,672,680

Biophysical Accomplishments

Restoration services performed by Collaborative partners

VEGETATION MANAGEMENT

1,975 seedling protectors installed on 5 acres
 83 snags created
 10 acres site prep: manual, mowing

STREAM, LAKE OR WETLAND TREATMENTS

3,614 native trees planted on 10 acres of riparian area
 3 culverts replaced
 3 logs placed in-stream/habitat improvement
 3 miles water quality improvements

INVASIVES CONTROL

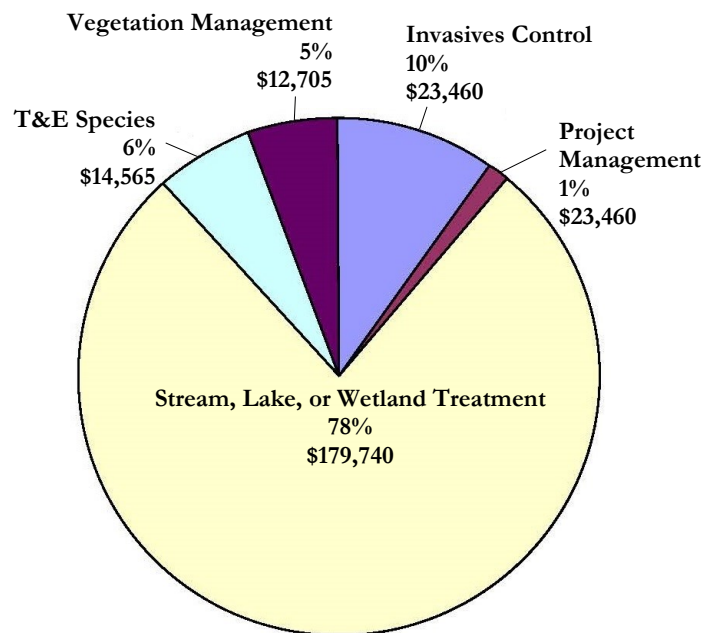
29 acres riparian area: herbicide
 11 acres meadow/dunes/upland forest: herbicide

THREATENED & ENDANGERED SPECIES

21,951 trees planted for habitat restoration

Expenditures by restoration category

Total Expenditures FY2017 - \$233,975



\$233,975 Spent on Restoration

Local Economic Benefits

Jobs & income created from Off-Forest restoration projects

County	Dollars Earned	Avg. Wage	State Taxes	Hours Worked	FTE Jobs
Benton	\$15,887.02	\$20.20	\$1,429.83	786.35	0.39
Lane	\$63,249.30	\$17.00	\$5,692.44	3,719.82	1.85
Lincoln	\$25,056.41	\$13.61	\$2,255.08	1,840.55	0.91
Tillamook	\$85,475.05	\$13.12	\$7,692.75	6,515.71	3.23
TOTALS	\$189,667.78	\$15.98	\$17,070.10	\$12,862.43	6.38

Stewardship Timber Sales Summary FY2017

Stewardship Timber Sales on the SNF are commercial thinning operations in Late Successional Reserve and Riparian Reserve areas that include restoration activities designed to improve and restore old growth forest conditions and critical habitat. Revenues from the sales provide the funding source (retained receipts) for the on and off forest restoration projects. Approximately half the timber sale activity on the SNF are Stewardship contracts and half are traditional timber sales. During FY17 there were five active stewardship sales which generated \$1,486,706 in revenue (retained receipts).

Stewardship Timber Sales

Sales with harvest activity during in FY2017

Sale	Purchaser	Harvested Acres	mbf*
Bear View Thin	B & G Logging & Construction	53	1,024
High Tide Thin	B & G Logging & Construction	230	1,904
Noble Thin	Georgia Pacific West	36	906
Ona Thin	B & G Logging & Construction	470	11,437
South Lake Thin	Seneca Timber Company	7	172
TOTAL		796	15,443

**thousand board feet*

Retained Receipts

Funds generated from Stewardship Timber Sales

Project Area	Amount Awarded
On-Forest	\$ 906,206
Off-Forest	\$ 580,500
TOTAL	\$1,486,706

Meadow Restoration
Noble Thin

Biophysical Accomplishments

Restoration services performed by sale purchaser or contractor

VEGETATION MANAGEMENT

9,520 native trees planted
3,308 snags created
973 pieces woody debris created
105 acres site prep spraying
3 acres mowing invasives

ROAD WORK

6.52 mile road decommissioning
13.37 miles road grading
16 failed culverts removed



Local Economic Benefits

Jobs and income created from mill work, logging and restoration services performed by contractors

Oregon County	\$ Earned	Avg wage	State Taxes	Hrs Worked	FTE Jobs
Benton	\$1,727,002.11	\$21.04	\$153,185.48	82,100.53	40.72
Lane, OR	\$6,730,995.31	\$24.99	\$605,772.82	269,397.55	133.63
Lincoln, OR	\$96,696.90	\$19.45	\$8,303.06	4,972.09	2.47
Linn, OR	\$4,235.84	\$13.58	\$0.27	312.00	0.15
Marion, OR	\$26,505.28	\$23.86	\$0.72	1,110.65	0.55
TOTAL	\$8,585,435.44	\$20.58	\$767,262.35	357,892.82	177.52