

2015 Annual Operations Plan Accomplishment for NWOA Districts SFAC 10/23/2015

The purpose of this report is to compare operations described in the 2015 Annual Operations Plan to the resulting timber sale contracts and other annual accomplishments. The report summarizes; harvesting, roads, restoration projects, current stand structure, young stand management and recreation activities as listed in the AOP Summary Tables. This report is based on the operations planned for the 2015 AOP and accounts for deletion or modification of primary operations and the alternate operations that were promoted to primary operations; it does not include non-AOP operations, such as salvage or “342” sales. This report is being prepared for the State Forests Advisory Committee.

HARVESTS

For NWOA, there were 45 planned harvest operations in this AOP. Two primary sales were moved forward to the FY16 AOP (AT and NC) as Districts met volume objectives without them. In West Oregon, one primary sale was dropped due to T&E and was replaced by two alternate timber sales. Of the 44 timber sales that are now associated with the AOP; 38 have been sold, 4 are in Salem for processing and 2 are still in the field work stage.

Table 1. Volume Summary (MMBF)

District	IP Target	AOP Vol.	TS Vol. Submitted	% of AOP Accomp	% of AOP Sold (by Vol)
Astoria	73	73.5	71.4	97%	96%
Forest Grove	61	56.6	65.0	115%	100%
North Cascade	19	19.0	19.4	102%	100%
Tillamook	47	47.0	29.6	63%	57%
West Oregon	12	13.2	12.4	94%	70%
Total	212	209.3	197.8	95%	89%

Volume differences resulted from over or under estimating stand volume during the planning phase, changing silviculture prescriptions resulting in increased volumes and adjusting timber sale boundaries for operational concerns.

- Astoria moved one FY15 Primary sale ahead into FY16 because their volume objective was accomplished. After the end of the fiscal year one of the districts timber sales did not sell after being offered at auction twice. After receiving feedback from potential purchasers, the district removed one thinning unit to make the sale more marketable. This resulted in the actual volume accomplishment being slightly less than planned at 97% of the AOP objective.
- Forest Grove: Consistently, each sale had more volume than planned. FY 2016 planned volume was adjusted down to 58 MMBF from 61 MMBF to account for a portion of the FY 2015 higher accomplishment.
- West Oregon: Two sales cruised at less volume than estimated at planning stage. Cruise volumes were more in line with District target.
- Tillamook: Two sales have not been submitted due to extensive project work which was more than anticipated. One sale was found to require a fish pipe replacement and the other requires engineering in conjunction with the Area Geotechnical Specialist in order to avoid Public Safety – Risk to Life issues above Hwy 6. These two sales will add an additional 17.5 MMBF in volume, totaling 47.1 MMBF to meet the District target.

Table 2. Net Value Summary

District	AOP Net Value (\$)	Submitted Timber Sales		Sold Timber Sales	
		42 Operations 95% of Volume		38 Operations 88% of Volume	
		Net \$	% of AOP	Net \$	% of AOP
Astoria	\$23,031,722	\$22,259,606	97%	\$24,538,402	107%
Forest Grove	\$21,652,760	\$23,863,244	110%	\$31,588,987	146%
North Cascade	\$5,162,738	\$6,047,095	117%	\$9,730,360	188%
Tillamook	\$7,295,382	\$4,390,832	60%	\$6,067,516	83%
West Oregon	\$4,046,550	\$3,465,288	86%	\$3,907,436	97%
Total	\$61,189,152	\$60,026,065	98%	\$75,832,701	124%

As an area, we ended up very close to meeting harvest objectives for 2015 and received 124% of the revenue projected in the AOP. The two FY15 sales still in field work and the four sales in Salem are not included in the “sold timber sale” information. These sales are on a trajectory to sell in future months.

Here is a brief statement regarding current market conditions from Brandon Kaetzel, PhD, ODF’s Principal Forest Economist;

“The great majority of the products produced in Oregon go toward the single-family housing market (multi-family starts are more dependent on concrete and steel). This market has not seen the reemergence that many had hoped for. Early on, other forecasters (e.g. IHS Global) had predicted total starts to approach 2 million units. As time has moved on from 2012, that number has been adjusted to 1.5 and now 1.2. As of the June 2015 Random Lengths Yardstick, U.S. single-family starts are adjusted to around 700,000 of those nearly 1.2 million starts, or just a little over half with multi-family dwellings making up the difference.”

Table 3. Planned versus Contract Acres

District	Partial Cut			Regeneration		
	Planned	Contract	% of AOP	Planned	Contract	% of AOP
Astoria	832	417	50%	1,487	1,433	96%
Forest Grove	1,004	650	65%	1,121	1,021	91%
North Cascade	705	445	63%	397	323	81%
Tillamook	741	359	48%	2,240	1,510	67%
West Oregon	0	107		375	360	96%
Total	3,282	1,978	60%	5,620	4,647	83%

While district timber sale objectives are driven by volume, acreage ranges are included within the AOP also. Overall as an area we will harvest less acres (mainly partial cut) than planned in the initial AOP. A couple items to note:

- Astoria’s low percentage of thinning acres is a result of dropping an unmarketable low volume first entry thinning.
- Tillamook District: Two sales are outstanding for FY15. These sales contain 67 acres of Partial Cut and 597 acres of Regeneration harvest. Tillamook District totals for FY15 will be 57% of AOP for Partial Cut and 94% for Regeneration harvest.
- West Oregon District: One planned timber sale was dropped due to a marbled murrelet detection. In its place, two alternate partial cut sales were substituted to make up for the lost volume.

PROJECT WORK (Roads)

District	2015 AOP Planned			Submitted Timber Sales				
	Total Project Cost	New Construct	Improvement	New Construct	Improvement	Contract Project Value	% of AOP	Project Costs as a percent
		Miles		Miles				
Astoria	\$4,238,853	13.0	59.6	14.1	54.4	\$3,965,776	94%	15%
Forest Grove	\$1,411,600	13.3	26.5	11.5	48.2	\$1,993,254	141%	9%
North Cascade	\$909,437	4.9	9.2	5.6	11.2	\$910,924	100%	15%
Tillamook	\$2,025,003	22.4	27.1	14.6	52.2	\$2,300,000	114%	25%
West Oregon	\$312,000	0.7	1.1	1.1	1.9	\$224,170	72%	5%
Total	\$8,896,893	54.3	123.5	46.9	167.9	\$9,394,124	106%	13%

Road improvement miles submitted in timber sale contracts were above what was planned. Timber sale contract project work was 105% of what was planned in the AOP. Reasons for this are:

- Forest Grove: Most of the increase is related to additional improvement costs. Most of the collector roads required additional surfacing and disconnect culverts for the FY 2015 and sales planned in AOP's over the next 2 or 3 years.
- West Oregon: Only short spur road construction needed and the spurs were not rocked.
- Tillamook: Project work costs increased on several sales due to engineering requirements and fish passage needs after closer evaluation during sale preparation. The fish passage and additional improvements will add approximately an additional \$1,000,000 to project costs.
- Harvesting remains steady 12 months of the year. To accommodate Wet Weather Hauling, project work costs have increased to disconnect drainage systems from streams and to improve the quality of the road surfacing in critical locations

RESTORATION PROJECTS

District	# of Annual Projects planned to meet IP Restoration Goals	#of Instream Wood Placement Projects Completed	Miles of Restoration	# of Fish Barriers Replaced	Miles of Access Restored	Total Cost		
						ODF Dollars (project work)	Other Project Dollars	# of Trees Donated
Astoria	7	1	0.32	1	0.45	\$49,896	\$0	46
Forest Grove	4	0	5.16	0	0	\$81,275	\$0	0
North Cascade	0	0	0	0	0	\$0	\$0	0
Tillamook	1	1	0.5	1	0.8	\$13,740	\$0	35
West Oregon	0	1	1.35	0	0	\$0	\$0	300 (Seedlings)
Total	12	3	7.3	2.0	1.3	\$144,911	\$0	81

Notable restoration projects include;

- Astoria: Seven projects were completed: one instream wood placement; one Type F stream crossing upgrade; three Type N fill vacating projects; one Type F fill vacating project; and, one log placement project with 46 trees.

- Forest Grove: 2 projects planned with watershed councils have been extended a year. Logistic issues not associated with ODF developed causing the delay. ODF will supply trees for Oak Ranch Creek and Upper Rock Creek projects in the summer of 2016.
- Tillamook: One project is planned for the FY15 sale plan. Tillamook has been working with the watershed council on a grant to provide LWD placement on ODF and adjoining ODFW property. Unfortunately the grant was not approved, so only the LWD placement on ODF is planned.
- West Oregon: planting crew with 300 seedlings to plant disturbed areas along Wolf Creek.

Table 6: Total Number of Restoration Projects from 1995 to 2009 by District (As Reported by OWEB)

District Name	Miles With Stream Improvement Projects	Total Number of Fish Passage Improvement Projects	Total Number of Road Improvement Projects
Astoria	10.5	141	402
Forest Grove	10.36	87	69
North Cascade	5.5	27	97
Tillamook	35.19	108	531
West Oregon	17.9	31	13
Total	79.45	394	1112

CURRENT STAND STRUCTURE

Table 7: Current Stand Structure Summaries by District for NWOA (2015)

Structure	NWOA Totals		Astoria		Forest Grove		North Cascade		Tillamook		West Oregon	
	Acres	%	Acres	%	Acres	%	Acres	%	Acres	%	Acres	%
OFS	8,770	1%	3,161	2%	135	0%	1,738	4%	3,627	1%	109	0%
LYR	96,384	16%	37,980	28%	20,645	18%	13,291	28%	20,212	8%	4,256	12%
UDS	342,765	58%	52,992	39%	66,883	58%	19,980	42%	179,257	71%	23,653	65%
CSC	71,390	12%	21,847	16%	15,067	13%	6,667	14%	21,193	8%	6,616	18%
REG	64,669	11%	19,171	14%	11,687	10%	4,374	9%	27,619	11%	1,818	5%
NON	4,447	1%	1,676	1%	584	1%	1,576	3%	437	0%	174	0%
TOTALS	588,425	100%	136,826	100%	115,002	100%	47,626	100%	252,345	100%	36,626	100%

SFAC previously requested information related to structure development accomplishment from the AOP. Structure development is challenging to quantify year by year. We do feel a comparison would be valuable every five or ten year period (IP Period). However, our inventory system and methods for quantifying stand structure have changed since the 2003 IP's, and a comparison would not be accurate. Since structure development does not change very much over one AOP period, the intent of this table is to capture where we are at currently.

The data in this table is from the State Forests Stand Level Inventory (SLI) Database. The most current SLI data was grown forward through the 2014 growth year to produce the projected values above. For Astoria, Forest Grove, North Cascade, and West Oregon, the database has been updated to account for all operations completed through December 2014. For Tillamook, the database has been updated to account for all operations completed through April 2013.

TABLE 8: YOUNG STAND MANAGEMENT

NWOA Districts Intensive Management Activities on BOFL - FY 2015			
MANAGEMENT ACTIVITY	ACRES PLANNED	ACRES COMPLETED	TOTAL COST
Initial Planting*	5,130	4,909	\$1,364,302
Interplanting*	1,026	1,719	\$312,817
Invasive Plant Control**	36	18	\$2,031
Precommercial Thinning	300	650	\$72,633
Pruning**	124	49	\$7,837
Release-Chemical- Aerial	1,012	1,142	\$51,151
Release-Chemical-Hand**	607	497	\$45,996
Release-Mechanical-Hand**	860	182	\$34,447
Site Prep -Mechanical	972	576	\$103,100
Site Prep -Slash Burning**	528	191	\$11,464
Site Prep-Chemical- Aerial	3,725	3,846	\$185,426
Site Prep-Chemical- Hand	495	162	\$21,545
Surveys - Invasive Plants	0	0	\$0
Surveys - Reforestation	4,500	7,418	\$31,130
Tree Protection-Barriers**	132	1,350	\$107,777
Tree Protection-Direct Control**	3,582	6,761	\$497,779
Underplanting*	0	0	\$0
Totals	23,029	29,470	\$2,849,434

Table 9: Initial Planting Summary by District

District	Total District Acres	Acres of Initial plant	Percent of District Treated
Astoria	137,003	1,191	0.9%
Forest Grove	115,004	1,218	1.1%
North Cascade	47,627	272	0.6%
Tillamook	252,344	2,143	0.8%
West Oregon	36,714	140	0.4%
Total	588,692	4,964	0.8%

Initial planting makes up the largest “cost category” of young stand management. Items included in the total cost are: contract cost, labor, equipment & supply, seed, seedling, shipping & storage.

Districts planted about 221 less acres than planned in the AOP, but interplanted more acres than initially planned. This is a result past seedling performance issues. Districts feel this issue has been addressed and likely the amount of interplanting will go down in future years.

RECREATION

Table 10:

Summary of Recreation Investments for FY15							
Category		Tillamook State Forest - Forest Grove District	Tillamook State Forest - Tillamook District	Clatsop State Forest	Santiam State Forest	West Oregon District	NWOA TOTALS
Activity Level	Volunteer Hours	3,246	2,631	1023	148	2,372	9,420
	South Fork Crew						
	Man Days	2598	2276	1748	554	0	7,176
	# of Campers	11,738	9,971	19,311	2,382	0	43,402
Investment	Volunteer Value	\$74,885	\$60,697	\$23,601	\$3,414	\$54,722	\$217,319
	South Fork Crews	\$202,176	\$177,118	\$136,029	\$43,112	\$0	\$558,436
	ODF/ District Expenditures	\$851,471	\$747,351	\$420,977	\$68,618	\$322	\$2,088,739
						Subtotal	\$2,864,495
Funding	Volunteer Value	\$74,885	\$60,697	\$23,601	\$3,414	\$54,722	\$217,319
	**Camping Revenue	\$19,898	\$19,073	\$21,011	\$2,283	\$0	\$62,265
	South Fork Crews	\$202,176	\$177,118	\$136,029	\$43,112	\$0	\$558,436
	OPRD-ATV Transfer	\$367,728	\$115,213	\$128,242	\$0	\$0	\$611,183
	ODF/ FDF	\$483,743	\$632,138	\$292,735	\$68,618	\$322	\$1,477,556
* Independent Sectors Value (Used By OPRD)	\$23.07					Subtotal	\$2,926,760
** Reflects ODF Share of Revenue	(36%) of Total						

“Highlights” for FY15 : Developed Facility Operations, Improvements, and Dispersed Site Projects

Clatsop State Forest—Astoria District

- *Henry Rierson Spruce Run Campground:* Continued making improvements to various infrastructures in the campground including, rocking and hardening of sites, rebuilding woodshed doors and planting of native trees, plants, and shrubs. Installed new interpretive panels on information kiosk.
- *Beaver Eddy Campground:* Continued improvements to camping infrastructure through rocking and hardening of sites. Improved visitor access to Sites #2 and #3 and installed soil berms with native shrubbery at Sites #5 and #8 to provide privacy screening between campsites.
- *Gnat Creek Campground:* Repaired deteriorated and rotten sections of kiosk footings and installed new interpretive panels on information kiosk.
- *Northrup Creek Horse Camp and Trail:* Cleared trails of brush and windthrow, worked on improving trail drainage issues, and changing trail conditions and installed new interpretive panels on information kiosk.
- *Lost Lake Recreation Area :* Awarded grant and completed installation of a double vault toilet, informational kiosk, boat ramp and parking lot improvements at Lost Lake. Improved day use picnic area and installed stand up BBQ and improved approach to fisherman’s trail around lake.

Tillamook State Forest—Forest Grove District

- Operated and maintained five developed campground facilities, eleven developed day use facilities, and over 30 dispersed site camping areas.
- Upgraded 8 campsites at Elk Creek Campground to correct drainage issues.

- Replaced 3 picnic tables in Browns Camp
- Replaced boards on 5 picnic tables in Elk Creek
- Installed new information board at the Bell Camp Trailhead
- Installed new directional and regulatory signing for district campgrounds.
- Reconstructed the Gales Creek Overlook fence/railing
- Constructed concrete footings for the six posts that support the Gales Creek Overlook Interpretive Kiosk structure and replaced the old log posts with new treated Doug-fir log posts
- Constructed a concrete footings for the Gales Creek Overlook site sign and replaced the site sign and frame.
- Repaired the fence/railing at Reehers Camp Trailhead
- Constructed a new fence/railing at Browns Camp site 23 (Safety and riparian area protection).
- Constructed 8 single panel information boards for forest entry points along the Wilson River highway.
- Completed planning work for trailhead parking area expansion at Elk Creek Trailhead and Gales Creek Trailhead.

Tillamook State Forest—Tillamook District

- Operated and maintained all campgrounds, dispersed camping areas, OHV staging areas and day use areas. This includes year round recreation facilities and three seasonal campgrounds.
- For the second year a 13 yard dumpster was deployed at the junction of Cedar Creek and North Fork Roads to handle the large volumes of trash generated by campers.
- Performed forest-wide trash and abandoned property cleanup and removal. Provided Forest Deputies with documentation and evidence on multiple offensive littering violations.
- Facilitated special use permits for Upper Trask Outfitters and SPIR 13 for running event to be held in the fall of 2014.
- Installed new dumpster pads at Footbridge, Jones Creek Day Use, & Footbridge Trailhead. Dumpsters deployed for summer use season were heavily used by public. Providing dumpsters at high use sites save staff and inmate crew time by not having to empty multiple heavy garbage cans, and reduces the number of garbage bags purchased.
- Installed fencing at multiple campsites at Jones Creek to curtail trampling, site expansion, and resource damage.
- Administered 2- special use permits. One for guided hunting services and one for trail running event.
- Assisted administration of North Coast Travel Management Area in Gods Valley Area.
- At request of private landowner ODF OHV Equipment Operators Closed an illegal OHV trail created by hunters accessing Burma Road Area. Landowner was dealing with trespass on to their property from hunters accessing ODF property on ATV's and coming on to private land.

Grants

- Applied for and received \$15,000 grant from Yamaha Access Initiative Program for printing of OHV guides and trail signing
- Tillamook and Astoria District jointly applied for Land and Water Conservation Development Fund grant for 2 - new vault toilet facilities at Keenig Cr. Campground and new double vault toilet and kiosk at Lost Lake Recreation Area. Final grant decision to be made in Sept. 2014 by National Park Service and work can commence in FY 15.

Dispersed Site Projects

Rehabilitated and upgraded 7 existing designated dispersed on North Fork Wilson Road. Improvements include complete road reconstruction, pull back of sites from riparian areas, fire grate installation, and planting of native species.

Santiam State Forest—North Cascade District

- During the fiscal year 2015, the North Cascade District operated and maintained 4 developed camping facilities, 1 dispersed site camping area, and 6 trailheads.
- Various projects were accomplished in the campgrounds including replacing 1 picnic table, 3 sets of garbage cans, 1 horse stall, and 4 campsite markers. Two hazard trees were removed from a campsite at Rock Creek and a broken hand pump was fixed at Shellburg.
- In addition, signage at trailheads, along trails, and in campgrounds was updated and improved.
- Twenty miles of existing trails were maintained and approximately 1 mile of trail was significantly improved.
- Several boy scout troops volunteered their time to complete invasive species removal projects and trail clearing.
- OET hosted a work party at the Santiam Horse Camp and brushed and cleared 2 miles of multi-use trails.

West Oregon District

The district has active Adopt-A-Trial agreements with the Mt. Baber ATV Club and the Black Rock Mountain Bike Association. These groups are responsible for the maintenance of the Mt Baber ATV trails and Black Rock mountain bike trails. Over the past year no new trails or facilities were constructed in the Black Rock or Mt. Baber ATV areas. Total volunteer hours were associated with maintaining the current infrastructure.

Table 11: Trail Project Summary for FY 2015

Activity	NWOA Totals			Tillamook State Forest		Clatsop State Forest	Santiam State Forest	West Oregon District
	Planned in FY15 AOP	Accomp	% of Planned	Forest Grove District	Tillamook District	Astoria District	North Cascade District	
OHV Trails (Existing)/ Miles		439		86	307	35	6	4.8
New Trails Construction	2	3.4	170%	3.4	0	0	0	0
Trail Upgrade Improvement	12.8	17.75	139%	2.65	12.1	3	0	0
Trails Maintained	123.8	131.8	106%	40	43	38	6	4.8
Non-Motorized Trails (Existing)/ Miles		134.5		63	21	19	22	9.5
New Trails Construction	0.5	0.5	100%	0.5	0	0	0	0
Trail Upgrade Improvement	1	2.3	230%	0.5	0	0.8	1	0
Trails Maintained	94.5	86.5	92%	29	5	21	22	9.5

Tillamook State Forest—Forest Grove District

Trail Construction/Reroutes/Upgrades

- #1 Rogers Camp Road Trail: reconstruction of 1 mile of trail damaged by timber sale activity. 1 mile of trail hardening to improve trail tread sustainability.
- #16a Saddle Up: Construction of 1.5 miles of difficult rated class I, II, III and IV trail. Trail constructed to re-establish trail lost by timber harvest operation.

- #22 Back to Back Trail: Completion location, design, and construction of 1.4 miles of difficult rated quad and motorcycle trail. Trail constructed to improve public safety, improve system diversity and improve trail connectivity.
- #16b Dog Leg Trail: Construction of .5 miles of moderate class I, II, III, and IV trail. Trail constructed to improve public safety and connectivity.
- #16c Waldo's Way: Conversion of .4 miles of moderate class I and III trail to moderate class I, II, III, and IV trail. Trail converted to improve public safety and connectivity.
- #21 Chute Trail: reconstruction of trail entrance (0.25 miles) damaged by timber harvest operation.

Trail Maintenance Accomplished

- Completed seasonal review and assessment of over 70 miles of OHV trail in collaboration with our Adopt a Trail partners.
- Completed basic maintenance (log out, drainage, brushing) on 40 miles of trail.

Other OHV Projects

- OHV Trail Guide revision: Completion of OHV guide revision. OHV guides are available for the public. OHV trail info in GPX tracks are available for download on our website.
- Facilitated four new trail adoptions and 18 existing trail adoptions and worked with our Adopt-a-Trail partners to maintain 30+ miles of OHV trails.
- Administered or co-administered 18 OHV trail use events.
- Hosted four volunteer work parties.
- Completed location and design work for approximately 2 miles of the Back to Back Trail project.
- #10-University Firepower Trail: Construction of trail management gate. Trail management gate donated and constructed by trail adoptee (Piston's Wild Motorsports) and installation assisted by ODF.
- #4 -Logjam Trail: Constructed 30 foot long trail bridge to provide safe crossing over failing puncheon.
- Bridge re-placement planning: Awarded a \$10,343.00 Yamaha Access Initiative Grant to replace two bridges on #8 Julies Trail. Bridges to be constructed in the Fall of 2014.
- #25 Elliott Creek Trail:
 - Completed construction of a 114 foot long trail bridge across the Devils Lake Fork of the Wilson River.
 - Dismantled four old bridges that made up the old crossing and completed riparian area restoration work.

Non-Motorized Trail Projects

- Completed construction of ½ mile of the Step Creek Trail extension project in cooperation with our equestrian and mountain bike club partners.
- Completed construction of a ½ mile reroute on Wilson River Trail Segment A and vacated/restored ½ mile old section of trail.
- Completed construction of a ¼ mile addition to the Four County Point Trail
- Completed seasonal review and assessment of 62.5 miles of trail in collaboration with volunteers and our adopt-a-trail partners.
- Replaced railing on Gales Creek Trail bridge #13.
- Replaced Gales Creek Trail bridge #10 – (12 feet long).
- Completed location and design work for a 0.8 mile reroute of Gales Creek Trail segment B
- Completed location and design work for a 0.5 mile segment of phase 3 of the Step Creek Trail project.
- Completed maintenance on 29 miles of trail.
- Hosted seven non-motorized trail work parties focused on trail maintenance, forest clean-up and the development of the Step Creek Trail.
- Managed 8 existing Adopt a Trail agreements and facilitated one new adoption of the 5.5 mile Wilson River Trail Segment B.
- Completed seasonal maintenance and cleaning of 35 trail bridges.

- Completed planning, location and design for a ¾ mile reroute on Gales Creek Trail Segment B.
- Constructed 20 entry point railings on the Historic Hiking Trail Loop.

Miscellaneous

- Provided support and review for the Salmonberry Rails and Trails planning process that is being facilitated by Oregon Parks and Recreation Department.

Tillamook State Forest—Tillamook District

Administered 5 OHV events in district.

- 1 – Observed Trials
- 2 – International Six Day Enduro points events
- 1 – 4WD Run

OHV Trail Work Accomplished

- 1 mile - Telephone Shack Trail rework in conjunction with RUTS volunteers, volunteer equipment and volunteer ST240 operators
- Kristi's Shuttle bridge installation
- 1.2 miles - Purple Bug Stump Trail #103 reroute and volunteer reconstruction
- Obtained Yamaha Access Initiative Grant to fund TSF OHV Guide and OHV trail signage
- Revised the Diamond Mill OHV Staging Area parking lot by installing berms and vegetation
- 0.2 mile - Vacated a section of Trail #42 to remove a very hazardous situation created by a rock mining operation
- Repaired bridge damage caused by deadfall on Trail #31 bridge using volunteer work party.

In addition Tillamook District OHV Coordinator administered 3 OHV events and performed OHV trail signage work in the Wilson River area.

Clatsop State Forest—Astoria District

Nicolai Mtn. OHV Riding Area

- Installed information kiosks at dispersed, designated campsites and trail heads (Plympton, Kerry, Viewpoint, Hunt Cr., and Shingle Mill).
- Continued to maintain the trail infrastructure.
- Planned Viewpoint Camp improvements.