

Memo

To: Grant "Link" Smith, Western Lane District Forester

From: Ole Buch, Assistant District Forester

CC: Dave Lorenz, Southern Oregon Area Director
Brian Pew, Deputy Chief, State Forests Division

Date: June 10, 2019

Re: Information Item - Approved Annual Operations Plan for 2020

The 2020 State Forests Annual Operations Plan for the Western Lane District is attached for your review and approval. During my review of this plan, I have found that it is in alignment with the *Northwest Oregon State Forests Management Plan*, the *Elliott State Forest Management Plan*, the *Southwest Oregon State Forest Management Plan*, the Western Lane District Implementation Plan, the Coos Implementation Plan, the Southwest Oregon Implementation Plan, and the 2020 Annual Operations Planning Standards and Guidance memorandum.

This annual operations plan covers proposed forest management activities for fiscal year 2020.

During its preparation, this plan was reviewed by technical specialists from within the department and biologists from the Oregon Department of Fish and Wildlife and US FWS and archeologists from the Oregon Department of Transportation. Their comments were received verbally and in writing (written comments are on file in the district office). The draft annual operations plan also underwent a 45-day public comment period. One public comment was received specific to this Annual Operations Plan through the online survey expressing concern over the plans lack of clarity. There are no changes to the annual operations plan from public comments.

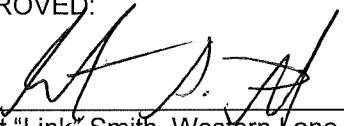
Approval of this plan does not constitute final approval of individual project details. Individual timber sales are subject to additional review processes at the district and program staff level before approval for auction. The operations described in this plan may be modified during the final preparation and/or implementation. Modifications to these operations will conform to the process included in the Annual Operations Planning policy.

The official copy of this Annual Operations Plan will be on file at the district office. Additional copies are available at the State Forests Division office in Salem.

The plan is also available on the ODF web site at:

<http://www.oregon.gov/ODF/Working/Pages/StateForests.aspx>

APPROVED:



Grant "Link" Smith, Western Lane District Forester

6/11/19

Date

WESTERN LANE DISTRICT 2020 ANNUAL OPERATIONS PLAN



"STEWARDSHIP IN FORESTRY"

Western Lane DISTRICT

DRAFT 2020 ANNUAL OPERATIONS PLAN

OVERVIEW

This overview describes the planned activities that Oregonians can expect to see on Oregon Department of Forestry (ODF) managed land located in Lane, Coos, Curry, Douglas, Jackson, and Josephine Counties, Oregon. The Western Lane ODF managed lands differs from other state forest districts in that it is smaller (53,555 acres), the ownership pattern is fragmented into numerous small blocks, and the ownership is spread across a large area that goes from the northern boundary of Lane County to the California border. This 'fragmented' ownership pattern is common to many landowner types in the Southern Oregon Area – both public and private. Managing forestland on smaller fragmented parcels can offer unique challenges, however there is still ample opportunity to provide a mixture of environmental, economic and social benefits to the citizens of Oregon.

The Western Lane Annual Operations Plan (AOP) is divided into five major categories: Integrated Forest Management, Planning Activities, Information Systems, Public Information and Education, Administration, and Appendices. Specific details for items in each of these categories are described using a combination of tables and written narratives. The intent of this overview is to briefly summarize some of the items identified in the five categories so that the reader can more efficiently review the proposed activities in the 2020 AOP.

ODF requested review and comments on our plan from others, including the Forest Trust Land Advisory Committee (representing the counties that deeded land to ODF), Oregon Department of Fish and Wildlife, the US Fish and Wildlife Service, motorized and non-motorized recreation users, hunters, fishermen, and wildlife advocates, as well as Oregonians in general.

A short summary of activities planned for the coming year:

- Conducting vegetation management activities on approximately 396 acres.
- Planting 260,000 seedlings on approximately 560 acres.
- Continuing 'early detection, rapid response' strategy for invasive species control.
- Proposing to harvest 13.1 MMBF on 313 acres with an estimated net revenue of \$6,176,200 in the Veneta unit (Northwest Oregon State Forest Management Plan).
- Proposing to harvest 1.7 MMBF on 58 acres with an estimated net revenue of \$505,875 in the Coos unit (Elliott State Forest Management Plan).
- Proposing to harvest 1.8 MMBF on 56 acres with an estimated net revenue of \$675,800 in the Southwest unit (Southwest Oregon State Forest Management Plan).
- Constructing 1.0 miles of new road, and improving 4.6 mile of existing road.
- Providing personal firewood cutting opportunities to the members of the surrounding community.
- Conducting approximately 73 marbled murrelet survey visits.
- Conducting monitoring surveys on 21 northern spotted owl sites.
- Conducting operational and/or spot check spotted owl surveys on approximately 30 timber sales.
- Protecting and improving stream habitat through the application of FMP riparian strategies,
- Improving or developing wildlife habitat by leaving snags, retaining green trees in clearcut areas, and leaving down wood.
- Planning for and preparing for the 2021 AOP

Table of Contents

OVERVIEW	2
INTRODUCTION	5
INTEGRATED FOREST MANAGEMENT.....	6
Timber Harvest Operations	6
Overview of Timber Harvest Operations.....	6
Structural Habitat Components.....	7
Summary of Timber Harvest Operations by Basin	8
Forest Roads Management.....	10
Overview	10
Road Construction.....	10
Road Improvement	11
Road Access Management	11
Road Maintenance.....	11
Management of Rock Source/Supply	12
Land Surveying.....	12
Young Stand Management.....	12
Site Preparation.....	12
Seedlings / Nurseries	12
Planting	13
Vegetation Management.....	13
Tree Protection.....	13
Pre-commercial Thinning.....	13
Pruning.....	13
Invasive Species.....	14
Roadside Spraying.....	14
Stocking Surveys	14

Recreation Management	14
Overview of Recreation Management	14
Facilities (Campgrounds, View Points, Trail Heads, etc.)	15
Trails	15
Other Integrated Forest Management Projects	15
Aquatic Habitat Improvement	15
Land Exchange	16
Firewood Cutting Program.....	16
Non-Timber Forest Products.....	17
Planning.....	18
Stand Level Inventory and Other Vegetation Inventories	18
Fish and Wildlife Surveys	18
Research and Monitoring	18
Other Planning Operations.....	18
Public Information and Education	19
Administration	19
District Organization	20
APPENDIXES.....	21

WESTERN LANE DISTRICT

DRAFT 2020 ANNUAL OPERATIONS PLAN

INTRODUCTION

This annual operations plan (AOP) covers the State Forest Land managed by the Western Lane District for Fiscal Year 2020 (FY20), which begins July 1, 2019 and ends June 30, 2020. It is important to note that on July 1, 2017, the Coos District became the Coos Unit of the Western Lane District, headquartered in Veneta, Oregon. On this date the Western Lane State Forests Unit took over planning and management for the remaining acres of ODF managed land located in the new Coos Unit (~11,096 acres). All of the acres still managed by ODF in the Coos Unit are covered under the Elliott State Forest Management Plan. It is also important to note that on approximately October 1, 2018 the Western Lane State Forests Unit took over planning and management of all the land previously managed by the Southwest Oregon District (~16,818). Lands previously managed by the Southwest Oregon District are covered under the Southwest Oregon Forest Management Plan and are referred to as the Southwest Unit in this document.

This document describes the activities and projects undertaken by the district during FY20. All activities are planned to be in alignment with the goals, strategies, and objectives of the NW Oregon Forest Management Plan (NWFMP), the Elliott State Forest Management Plan (EFMP), the Southwest Oregon State Forest Management Plan (SWFMP), the Western Lane District Implementation Plan (WLIP), the Coos Implementation Plan (CIP), and the Southwest Oregon Implementation Plan (SWIP). Refer to the IP's for more specific information on the harvest ranges, history, physical characteristics, and other resource information on the district.

This AOP is divided into five major categories: Integrated Forest Management, Planning and Information Systems, Public Information and Education, Administration, and Appendices.

The proposed harvest operations are planned to be auctioned for sale after the AOP is approved which is expected to occur prior to July 1st, 2019. Some of the actual on-the-ground operations will likely not occur during FY20 due to the time lag associated with contract duration, which could be one to three years after auction. In contrast, reforestation, young stand management, recreation management, and planning activities will be carried out during the FY20 time period.

This draft AOP underwent a 45-day public comment period. The District Forester has considered the comments received during this period and send back responses as appropriate.

The accomplishments of forest management activities that occurred under previous AOPs can be found in several reports, including the "State Forester's Annual Report for the Association of Oregon Counties, the "Common School Forest Lands Annual Report", and the individual district annual reports (these reports also cover the accomplishments of the Fire Protection and Private Forests Programs). These reports are available through the local district office or through the internet at: <http://www.oregon.gov/ODF/Pages/Reports.aspx>

INTEGRATED FOREST MANAGEMENT

Timber Harvest Operations

Overview of Timber Harvest Operations

The FY20 harvest operations are estimated to generate gross revenues of approximately \$6,669,200 and net revenues of \$6,176,200 in the Veneta Unit. The FY20 harvest operations are estimated to generate gross revenues of approximately \$660,875 and net revenues of \$505,875 in the Coos Unit. The FY20 harvest operations are estimated to generate gross revenues of approximately \$716,800 and net revenues of \$41,000 in the Southwest Unit. It is estimated that active management will result in producing approximately 13.1 million board feet of volume in Veneta Unit, 1.7 million board feet of volume in Coos Unit, and 1.8 million board feet of volume in Southwest Unit. In addition to the above revenue and volume, some sales are expected to have pulp removed from sale areas. The amount and value of pulp is difficult to predict during the planning process but will likely occur in areas of regeneration harvest on steep slopes and whole tree yarding systems. This material also has potential for use in biomass operations or to be made available for personal firewood.

All of the Primary and Alternate harvest operations and many of the other forest management activities have been reviewed by ODF's wildlife biologists, aquatic specialist, geotechnical engineers, road engineer, and operations coordinator, as well as fish and wildlife biologists from the Oregon Department of Fish and Wildlife. Information on operations that occur within the provincial circle of northern spotted owl has been provided to the US Fish and Wildlife Service. Occasionally, operations may contain a resource or activity where review with another state agency, such as the Department of Agriculture or the Department of State Lands, is warranted. Written comments from the external resource specialists and the resolution of those comments can be found in Appendix D.

Some smaller additional operations targeting infrastructure maintenance will also produce timber volume during the 2020 fiscal year. These small operations are not included as part of the AOP because they affect a very small area, produce little volume or revenue, and do not require significant effort to develop and execute. For example, in the past we have auctioned salvage sales for small quantities of blown down timber located in an area with reasonable operational access. Other examples may include small low value areas where an opportunity to harvest presents itself due to active adjacent harvest, or the removal of hazard trees next to neighboring residences or public roads. An additional example may include minor road improvement/construction projects needed to protect infrastructure or to take advantage of cost savings associated with equipment operating nearby. The timber sales associated with these types of projects will be less than \$100,000 in value and comply with all policies and FMP's.

Be aware that only limited reconnaissance has been conducted on the proposed FY 2020 sales and that boundaries, volumes, and prescriptions may be modified as field work progresses. Plus, winter storms may cause blowdown that will need to be salvaged in lieu of preparing some of the operations listed.

Structural Habitat Components

Structural habitat components such as green trees, snags and down woody debris (DWD) are described in Chapter 4 of the NW FMP and SWO FMP and Chapter 5 of the E FMP and may be considered for all harvest prescriptions; however, the emphasis will be placed on regeneration harvest.

The green tree retention target for regeneration harvest units in the NW FMP and SWO FMP is five trees per acre and 2-4 trees per acre in the E FMP. This equates to 2000 green trees retained within this AOP. Green tree arrangements for this AOP include; scattered individual trees, clumps of trees, and trees concentrated in and adjacent to riparian management areas. The final decision on the location and arrangement of the green trees is made while the sale is being laid out to incorporate information on potential minor tree species, unique stand features, steep slopes, visual considerations, reforestation considerations, etc.

The FMP strategy for hard snags is to manage for at least two per acre on average across the landscape for the NW FMP and SWO FMP and 3 snags per acre for the E FMP. The need for snag creation for regeneration sales is evaluated on a sale by sale basis. This equates to 912 snags or green snags retained within this AOP.

The FMP strategy for Down Woody Debris is to retain an average of 600 to 900 cubic feet of hard conifer logs (class 1 & 2) per acre during regeneration harvest for both the NW FMP and the E FMP. In the Southwest unit the FMP strategy for Down Woody Debris is to retain an average of 250 to 350 cubic feet of hard conifer logs (class 1 & 2) per acre during regeneration harvest. This equates to 236,600 cubic feet of down woody debris (class 1 & 2) retained within this AOP.

Opportunities for natural recruitment of snags and DWD is created by laminated root rot disease (*Phellinus weirii*). In severe cases of root rot, we attempt to retard the spread of the disease by cutting out the infected trees. In other cases we do not cut out the infected trees. This allows the disease to spread at a rate of approximately one foot per year, slowly adding snags and DWD to the stand. Whether laminated root rot is treated or untreated, we know from experience that additional trees will be infected by the disease, creating snags and eventually DWD.

Within a given annual operations plan, snags and DWD may be retained at higher levels in some units and at lower levels in other units, with the intent of achieving the landscape targets outlined in each of the Forest Management Plan strategies. Post-harvest DWD results can be attributed to natural recruitment from green tree retention, residual logging slash, and tree topping.

In order to protect water quality during active operations, a variety of methods will be used to prevent sediment from entering live streams. These methods include (but are not limited to) maintaining culverts and other road drainage structures, using sediment control devices in road ditches when necessary, and seasonal restrictions on logging and hauling operations. Culvert installment and replacement in live streams will be conducted between July 1 and Aug. 31. Operations outside of this period will be reviewed by ODF staff specialists and/or ODFW. Riparian management areas result in leave trees adjacent to the stream which protect stream temperature, provide nutrients, protect stream banks, and eventually provide wood to improve fish habitat.

Summary of Timber Harvest Operations by Basin

Please note that all managed lands in the Veneta Unit are considered one basin and all managed land in the Coos Unit is considered one basin. The Veneta and Coos Units are each considered separate basins.

The Rogue and Umpqua basins are the two main watersheds that encompass the Southwest Unit land base. These basins are rather large compared to the total land of the district. The Umpqua Watershed encompasses most of Douglas County and is approximately 2.7 million acres. ODF managed lands in the Umpqua Watershed cover 8,136 acres of the basin. The Rogue Basin covers 3.25 million acres- 8,624 of which is managed by ODF.

Table 1. Summary of Timber Harvest Operations in each Management Basin. All values are in net acres.

Management Basin	Partial Cut	Clearcut
Veneta	0	313
Coos	0	58
Southwest (Umpqua)	0	56
Southwest (Rogue)	0	0

- Cram Cleanup (Primary Sale – Veneta Unit): One unit totaling 40 net acres of modified clearcut in 90 year old Douglas-fir stand that was partial cut in 2003. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and scattered in clumps or individually within the unit. About 0.1 miles of rocked spur will be improved to provide better all - weather access. The entire sale is in an area designated as desired future condition ‘General’.
- Milk Creek (Primary Sale – Veneta Unit): One unit totaling 104 net acres of modified clearcut in 88-95 year old Douglas-fir stand that was partial cut in 2001. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and scattered in the unit. About 1.7 miles of road improved to access the sale area. The entire sale is in an area designated as desired future condition ‘General’.
- Pontius Creek (Primary Sale – Veneta Unit): One unit totaling 88 net acres of modified clearcut in 71-80 year old Douglas-fir stand. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and in green tree areas. About 1.2 miles of rocked spur will be constructed to provide all-weather access for the sale area. In addition 2.0 miles of road will be improved to support winter haul. The entire sale is in an area designated as desired future condition ‘General’.
- Upper Nelson (Primary Sale – Veneta Unit): Two unit totaling 81 net acres of modified clearcut in 73-82 year old Douglas-fir stand. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and in green tree areas. About 0.8 miles of rocked spur will be constructed to provide all-weather access for the sale areas. In addition 0.8 miles of road will be improved to support winter haul. The entire sale is in an area designated as desired future condition ‘General’.

- Millicoma Flats 2 (Primary Sale –Coos Unit): Two units totaling 23 net acres of modified clearcut. Unit one is a 47 year old Douglas-fir and red alder stand. Unit two is a 88 year old Douglas-fir stand. Two to four trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and green tree areas. About 0.4 miles of rocky spur will be constructed to provide all-weather access for the sale areas. In addition 0.1 miles of road will be improved to support winter public traffic.
- West 11 (Primary Sale –Coos Unit): One unit totaling 35 net acres of modified clearcut in 52 year old Douglas-fir stand. Two to four trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and green tree areas. About 2.2 miles of road will be improved to provide better all-weather access for the sale area.
- Lawson Creek (Primary Sale – Southwest Unit – Umpqua Basin): One unit totaling 56 net acres of modified clearcut in 78 year old Douglas-fir stand. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and scattered in clumps or individually within the unit. Road will be maintained to provide all - weather access. The entire sale is in an area designated as desired future condition ‘General’
- By Gally (Alternate Sale – Veneta Unit): One unit totaling 89 net acres of modified clearcut in 76 year old Douglas-fir stand that was partial cut approximately 20 years ago. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and scattered in clumps or individually within the unit. About 0.2 miles of road will be improved to provide better all-weather access for the sale area. The entire sale is in an area designated as desired future condition ‘General’.
- East Greenleaf (Alternate Sale – Veneta Unit): Two unit totaling 178 net acres of modified clearcut in 77 year old mixed Douglas-fir and western hemlock stands that was partial cut approximately 15 years ago. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in and along the riparian areas. About 4.6 miles of road will be improved to provide better all-weather access for the sale area. The entire sale is in an area designated as desired future condition ‘General’.
- GM Thin (Alternate Sale – Veneta Unit): One unit totaling 142 net acres of a moderate thinning in 44 year old Douglas-fir. Thinning will be “from below” where the objective is to capture mortality and improve future stand growth. Approximately 0.4 miles of road will be constructed and 0.3 miles will be improved to better access the sale area. The entire sale is in an area designated as desired future condition ‘General’.
- Roughage Final (Alternate Sale – Veneta Unit): One unit totaling 75 net acres of modified clearcut in 86 year old Douglas-fir stand. Stand was thinned 25 years ago. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in retention areas, in or adjacent to the riparian areas, and scattered in the unit. About 0.8 miles of road will be improved to provide winter access. The entire sale is in an area designated as desired future condition ‘General’.

- Son in Law (Alternate Sale – Southwest Unit – Umpqua Basin): One unit totaling 83 net acres of modified clearcut in 67 year old Douglas-fir stand. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and scattered in clumps or individually within the unit. About 4.5 miles of road will be improved to provide better all-weather access for the sale area. The entire sale is in an area designated as desired future condition ‘General’.
- Three Creeks Final (Alternate Sale – Southwest Unit – Umpqua Basin): One unit totaling 89 net acres of modified clearcut in 89 year old Douglas-fir stand. Six trees per acre will be retained to provide future snags, downed wood, and structure. Trees will be left in the riparian areas and scattered in clumps or individually within the unit. About 0.8 miles of road will be improved to provide better all-weather access for the sale area. The entire sale is in an area designated as desired future condition ‘General’ The entire sale is in an area designated as desired future condition ‘General’.

Forest Roads Management

Overview

The Forest Roads Manual 2000 describes the vision, guiding principles and practices for road construction and maintenance on ODF managed forest land. This AOP describes five categories of road management activities: Construction, improvement, closure/vacation, maintenance, and rock pit development.

Western Lane roads are designed and used to conduct forest management activities. The public should exercise care when driving these roads for other purposes.

Refer to Summary Table A – 3 for the Forest Roads Summary for the 2020 AOP.

Road Construction

Only limited reconnaissance has been conducted on the proposed FY 2020 sales. Locations and costs may change as field work progresses.

Approximately 2.4 miles of road will be constructed. The estimated cost for the newly constructed roads for each sale is shown in Appendix A. These spurs will be located primarily on ridge tops in stable locations away from streams.

- Pontius Creek: 1.2 miles
- Upper Nelson: 0.8 miles
- Millicoma Flats 2: 0.4 miles

Road Improvement

This AOP proposes to improve approximately 4.9 miles of road. The estimated costs associated with the proposed improvement activities are shown in Appendix A. Improvement activities will usually consist of re-surfacing and drainage improvement.

- Cram Cleanup: 0.1 miles
- Milk Creek: 1.7 miles
- Upper Nelson: 0.8 miles
- Millicoma Flats 2: 0.1 miles
- West 11: 2.2 miles

Road Access Management

Rocked roads are not normally vacated since we want to keep these roads open for forest management purposes, fire protection, and public recreation. Most ODF-controlled roads are ridgetop with little potential for sediment to enter streams.

The Pontius Creek and timber sale will require a temporary road use agreement for the use of existing haul routes. The West 11, Cram Cleanup, Lawson Creek, and Upper Nelson timber sale access routes will utilize permanent easements and/or reciprocal right of way agreements. Some permanent easements or reciprocal agreements may require separate License Agreements that identify maintenance responsibilities and their associated costs. The Millicoma Flats 2 and Milk Creek timber sale haul routes are entirely on ODF controlled roads and require no road use agreements.

ODF controlled roads are usually kept open for public use. However, we retain the option of gating if vandalism, neighbor concerns, or excessive road damage from public use becomes a problem in particular areas.

Road Maintenance

Roads will be maintained as necessary to protect water quality and the road system asset value. Road maintenance is accomplished by timber sale purchasers, through R/W agreements, and/or through work order contracts. In addition, small amounts of roadside herbicide applications are done by District personnel or private contractors. The District does not own heavy equipment such as graders, dozers, or backhoes.

On roads not being actively used for timber hauling, the District practices a low level of maintenance by maintaining drainage and keeping encroaching vegetation in check. This keeps roads open in order to conduct forest management activities and maintains access for fire protection. No attempt is made to maintain smooth running surfaces. In some instances, rather than incurring the expense of continuously pulling ditches, drive-thru waterbars are combined with outsloping to minimize surface erosion caused by water running down wheel tracks caused by public use.

During periodic road inspections and in the course of normal forestry work we look for areas with potential sidecast failures. If found, fixing these areas will be done as part of timber sale

contracts or more immediately as separate road maintenance contracts, depending upon the recommendation of the Area geotechnical engineer.

Management of Rock Source/Supply

In the Veneta and Coos units all rock will be acquire through commercial sources. In the Southwest unit work will be conducted to determine if existing rock quarries can be further developed to provide rock for future sales. Rock for the Lawson Creek timber sale in Southwest unit will be acquired from an existing state stockpile site.

Land Surveying

All land surveying for standard sales will be completed before the sales are auctioned. We are planning on surveying approximately 2.0 miles of property line.

Young Stand Management

Refer to Summary Table A – 4 to review the Reforestation and Young Stand Management Summary for the 2020 AOP.

Site Preparation

Site preparation consists of creating planting spots and/or reducing brush cover to allow planted seedlings and natural seedlings to become established. Site preparation may include slash burning, slash and brush piling, or herbicide treatment. Vine maple, bigleaf maple, salal, and salmonberry are the primary competing species in most areas. Each completed unit will be evaluated for site preparation needs. At this time we are proposing the following site preparation activities:

Approximately 560 acres may be ground sprayed for site preparation purposes. These acres are located in the Happy Hen, East Chicken, Tilden Beach, Cedar Creek, Little Mac and London Broil timber sales. Slash burning or piling may also occur in areas where feasible. Estimated costs associated with site preparation are shown in Appendix A.

Seedlings / Nurseries

The district is under contract with the Washington Department of Natural Resources (WDNR), US Forest Service, and two different private companies to grow approximately 260,000 Douglas-fir seedlings for outplant in the 2020 planting season. The WDNR Webster nursery in Olympia, WA is growing the majority of these seedlings whereas the Lewis River Nursery in Woodland, WA, the IFA nursery in Canby, OR, and the Herbert Stone nursery in Medford OR are growing the remainder. All of the stock currently being grown are bareroot 1+1's.

In addition to the seedlings being grown for 2020 outplant, the district is under contract to grow 155,000 seedlings for outplant in 2021. These are all bareroot seedlings that will be transplanted in 2019.

Planting

Tree planting operations are conducted for various reasons. These include meeting Forest Practices Laws and quickly establishing a new stand of trees after timber harvesting. Units are planted primarily with Douglas-fir, which is the dominant naturally occurring species in the area. However, other conifer species are planted in order to provide diversity in the unit and across the landscape. Minor species planted usually consists of western hemlock and western red cedar. Approximately 435 trees per acre will be planted. About 560 acres of initial planting is anticipated. Estimated costs associated with initial planting are shown in Appendix A.

Interplanting is used to raise stocking in young plantations that are below acceptable levels, to a minimum of 300 trees per acre. Surveys are conducted one and two years after initial planting to determine interplanting needs. Where necessary, interplanting is done the following winter. During the spring and fall of 2019, surveys will be conducted to determine interplanting needs for the 2020 planting season. There are no acres currently planned for interplanting, but it is likely that we will conduct interplant operations based on stocking survey results.

Vegetation Management

In some cases, a few years after plantation establishment, competing vegetation threatens the survival of planted seedlings. Competing vegetation is usually salmonberry and vine maple. Excess red alder and/or bigleaf maple may also need to be controlled.

About 255 acres of modified clearcuts may be release sprayed in order to reduce the amount of competition between the existing brush and the seedlings. An evaluation for hack and spray treatment will occur during the summer of 2019. This evaluation may lead to some units receiving a hack and spray treatment in order to control competing vine maple and big leaf maple. Estimated costs associated with vegetation management (i.e. release treatments) are shown in Appendix A.

Tree Protection

Planted conifer is sometimes clipped off by mountain beavers. In other areas deer or elk may bite off the tips. Occasionally the District may encase seedlings in plastic mesh tubes for protection. About 273 acres of trapping for mountain beavers is planned.

Pre-commercial Thinning

The district is not planning to precommercially thin (PCT) this fiscal year. There may be limited opportunities for PCT operations if funding became available through increased revenue or grant funds. A detailed review of PCT candidates will take place if funding becomes available. It is estimated that even if there was adequate funding, the Western Lane District would PCT less than 100 acres.

Pruning

No pruning activities are planned for this AOP.

Invasive Species

Various noxious weed species such as tansy, scotch broom, false brome, knapweed, Himalayan and evergreen blackberry, and thistles are known to exist on the district. Most of these weeds are found along roads where they were brought in on vehicles or gravel. The district roadside spray program helps control the spread of some of these species, specifically scotch broom and blackberry. Equipment washing will be required in all timber sale contracts, which also helps control the spread of invasive species. In addition, the district will continue to employ an early detection and rapid response strategy for most noxious weeds.

District personnel will control detected invasive species by targeted herbicide application during the season in which chemical treatment is most effective for the specific species. Priority will be placed on treating weeds in areas adjacent to recent clearcut harvest units or young plantations, where invasives would have the most negative impact by competing with planted seedlings. In other areas, priority will be given to the areas of the most severe infestation first, and treatment will cover as much area as workload and personnel time allow during the appropriate treatment season.

Roadside Spraying

The district plans to control roadside vegetation using herbicide this year. District personnel or a private contractor will perform the work. The total amount of miles treated will depend on workload, personnel availability and contractor availability, but is expected to be between 15 and 20 miles.

Stocking Surveys

District personnel will conduct stocking surveys on young plantations. This work consists of two types of surveys. "Formal surveys" use a regular grid of plots, typically at one per acre across a unit. "Walk through" surveys may include plots on a grid, plots located as determined necessary by district personnel, or observation alone. The district currently relies on formal surveys to determine survival in a plantation at the end of summer/early fall immediately following planting. This method has allowed district personnel to determine the location of interplant needs within a unit as soon as possible.

The "walk through" survey method is currently used in plantations that are 4-5 years old as means of confirming "free-to-grow" status. These have typically been done in late summer also, but may be done at other times throughout the year. The district currently plans on continuing to use the two survey methods as they are currently implemented.

Recreation Management

Overview of Recreation Management

ODF-managed land in the Veneta and Southwest Unit is scattered and not adjacent to areas of high recreational interest. However, State land in the Veneta and Southwest Unit has a low level of hunting, backroad driving, and personal firewood cutting. Our timber sale activities increase forage for big game and grouse, increase firewood opportunities, and our road building improves recreational access.

ODF-managed land in the Coos Unit is similar to the Veneta Unit in that it is scattered. However, the majority of the managed land in the Coos Unit is adjacent to the Elliott State Forest which does have a moderate level of recreational use that includes; hunting, fishing, backroad driving, hiking, etc.

Facilities (Campgrounds, View Points, Trail Heads, etc.)

Currently, there are only two developed recreational facilities on the Coos Unit and no developed recreational facilities on the Veneta or Southwest Unit. The two facilities on the Coos Unit include the Millicoma Interpretive Center (MIC) and Camp Chinook. The MIC is a fish hatchery and educational outreach facility on the West Fork Millicoma River operated by the ODFW. Salmonids, including chinook, steelhead, and Coho salmon, are spawned, reared, and acclimated at this facility to support fishery programs. The center also provides a hands-on approach to learn about the salmon life cycle to schools and groups who visit the facility. A short forest trail is associated with MIC for use by visitors.

Camp Chinook – adjacent to MIC – is operated by the Boy Scouts of America (BSA) who have received a permit to manage and improve the existing site. BSA has proposed improvements to the existing lodge and Adirondack style shelters. BSA has also proposed additional Adirondack style shelters, a covered gathering place, and road improvements. Improvements may take place in FY2020.

Trails

There are three trailheads located at Kerby Peak, Onion Mountain and London Peak. All three of these trailheads are in the Southwest Unit. Each trail receives minimal to light usage by the public.

Motorized (OHV) Trails

No recognized OHV trails exist on ODF managed land in Western Lane District.

Non-Motorized Trails

There are no planned improvements of trails or trail heads in 2020

Other Integrated Forest Management Projects

Aquatic Habitat Improvement

Threatened and Endangered Fish Species

Federally Threatened Salmon and Steelhead listed species with Critical Habitat Designations found within the Western Lane District are Oregon Coast Coho, Southern Oregon Coast Coho, and Upper Willamette Chinook.

All fish bearing streams found on the district are subject to the Management Standards for Aquatic and Riparian Areas found in the Forest Management Plans. An objective of State Forests' aquatic resources is to maintain, enhance, and restore quality fish habitat. This is achieved

primarily through riparian buffer strategies specific to the aquatic resource characteristics such as presence of fish, size, and flow duration. The goal of all riparian management prescriptions is to obtain mature forest conditions (e.g., development of the natural community appropriate for that site) as expediently as possible.

Several strategies, described in the Forest Management Plans dictate protection measures designed to protect, maintain, and restore aquatic and riparian functions. These strategies are employed during harvest activities and include but are not limited to, leaving trees adjacent to streams to protect stream temperature, provide nutrients, protect stream banks, and eventually provide wood to improve fish habitat.

No specific improvement projects are proposed in the AOP as of this publication but opportunities may arise in cooperation with ODFW and the local Watershed Council. Also, some district staff may collaborate with local watershed councils on fish habitat improvement projects located on land not managed by ODF, but benefit native fish populations in the region.

Land Exchange

There are no land exchanges planned at this time. In addition, there are no known Department of State Lands (aka Common School Land) parcel sales or desertification of lands managed in the Western Lane District. It should be known though, that DSL land sales are decisions made by DSL, not ODF and said parcel sales may occur within the planning timeline of this AOP. Therefore, a DSL parcel sale may occur within FY 2020 without being identified in this AOP.

At this time the district does not have an approved land exchange plan. District personnel may commence the preparation of a land exchange plan should time allow.

Firewood Cutting Program

Purpose:

The primary objective of the District Firewood Cutting Program is to provide a source of firewood from State Forests to the public for personal use and secondarily to reduce fuel hazards, protect crop trees, improve visibility along roads, and provide a recreational opportunity. The District's Firewood Cutting Program is tied to the completion of timber sales. Timber sale contracts require any non-merchantable wood or cull material that has been yarded to the landing and is suitable for firewood to be placed in a pile. Purchasers of timber sales are using more of the branches and materials left after trees are harvested, so opportunities for personal firewood cutting may be limited. In addition, many of the completed timber sales are located in areas that do not have public access, which also reduces firewood availability.

State Forests are managed for multiple benefits; snags, downed wood and stumps are important habitat components under our Forest Management Plans. Any individual gathering firewood on State Forests land should follow the permit instructions, consult the permit maps and personnel at their local ODF office to ensure they remain on State Forests land. Property lines are frequently unmarked and any permission obtained from ODF to gather firewood is only valid on State Forests land. Harvesting firewood without the landowner's permission is trespass.

Firewood is a high-risk vector for wood-boring insects, such as emerald ash borer and Asian longhorned beetle, two species responsible for widespread defoliation of forests in Midwest and Eastern states. The Oregon Invasive Weed Council and ODF encourage people to obtain their firewood in a place as close as possible to the place where it will be burned. Recreationists have a role in protecting the forests by not moving firewood great distances.

The district rules for firewood cutting and the process for obtaining firewood cutting permits is described below.

When:

The public will be notified of firewood cutting permits by posting notices at the district office, in the field and/or at nearby public areas such as bulletin boards at local markets. Permits will only be issued during the months outside the fire season. Fire season is generally from July 1st through October 15th. The availability and duration of each permit will be determined by the Assistant District Forester on a case by case basis. Items considered may include, but are not limited to: access, quantity of firewood, management goals, resource and infrastructure protection, and workload management.

Who:

A limited number of personal firewood cutting permits will be issued to the public, on a first come-first served basis. The permit is valid for two cords and shall not be transferred to another party and shall not be used to sell firewood to another party. Oregon Department of Forestry does not guarantee the quality or availability of wood when issuing firewood cutting permits. Exceptions to the two cord limit may be made for non-profit organizations, with prior district authorization.

Where:

Designated firewood cutting areas will be marked on the permit map, which excludes active and sold timber sales, recreation sites, and planned operations. There is no guarantee that units or travel routes will be posted in the field.

How:

Enforcement of firewood cutting permits will be accomplished by law enforcement officers and following the Firewood Cutting Guidance described in 12.2.G1.2.2. Additional firewood cutting permit requirements and guidelines may be provided with the permit.

Non-Timber Forest Products

Western Lane does not currently issue permits for non-timber forest products due to the small parcel size and scattered ownership pattern.

Planning

Below are the significant district-level planning projects currently scheduled for FY 2020.

Stand Level Inventory and Other Vegetation Inventories

Stand level inventory (SLI) efforts may take place on the district during the 2020 fiscal year. These efforts may be accomplished using the combined efforts of contracts administered by Salem staff and in-house work conducted by district personnel.

Fish and Wildlife Surveys

Western Lane District has a very active spotted owl and marbled murrelet survey program. All survey results are reviewed by an ODFW representative.

Survey requirements are determined in accordance with ODF Northern Spotted Owl Operational Policies, November 2017. For the FY20 AOP, the District will continue its northern spotted owl survey program in order to effectively comply with federal and state Endangered Species Acts and to contribute to Forest Management Plan goals. We typically survey 15 to 30 current and potential sale areas each year for spotted owls under ODF contracts or in cooperation with federal agencies. In addition, Northern Spotted Owl activity centers that affect State land are monitored.

In FY2020, the district will continue its marbled murrelet survey program in order to comply with Federal and State Endangered Species Acts and to contribute to Forest Management Plan goals. Survey requirements are determined in accordance with ODF policy, guidance, and survey protocols. Marbled murrelet surveys are conducted annually on about 5 potential sale areas.

The District will conduct physical surveys for unknown streams. Forest Practices data and personal knowledge are also used for sale planning.

Research and Monitoring

No Research or Monitoring is planned to be conducted by the district for the 2020 AOP.

Other Planning Operations

Preparation of the 2021 Annual Operations Plan. Preparation efforts include reconnoitering operations, developing pre-operation reports, and preparing T&E surveys.

Contributions to the preparation of a new forest management plan and habitat conservation plan that would cover all ODF managed land west of the Cascades.

Public Information and Education

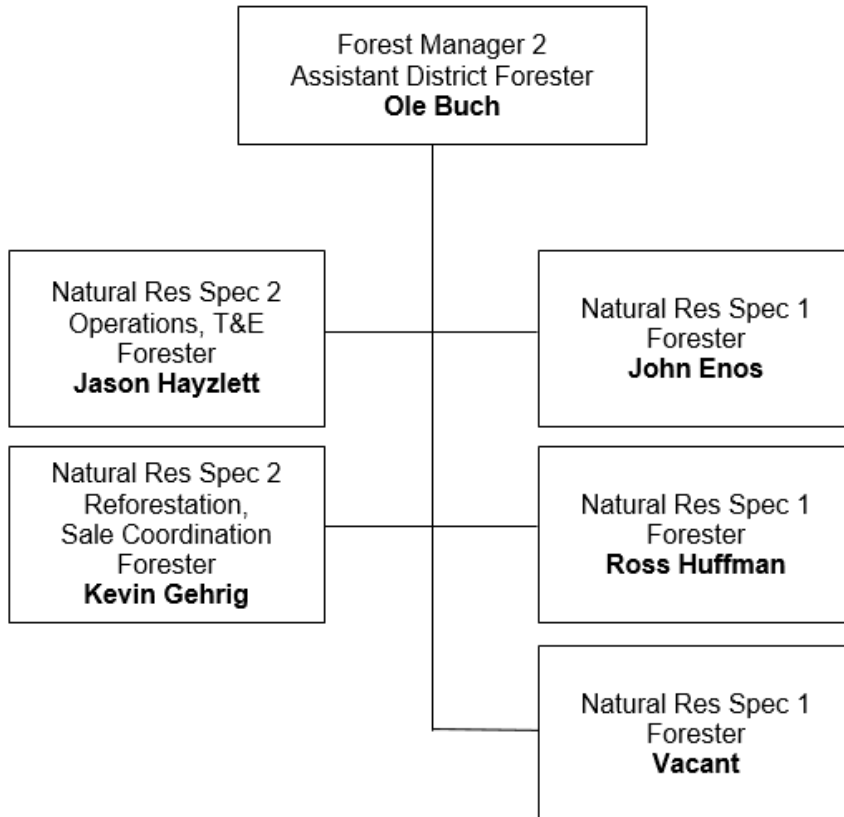
Public information and involvement will include public review and comments on the 2020 AOP. In addition, informal public review and comment on all district State Forests management activities on an ongoing basis is expected and welcomed.

Administration

There are six full time positions in the Western Lane District State Forests Unit. These positions include; one Assistant District Forester, one Natural Resource Specialist 3, two Natural Resources Specialist 2's, and two Natural Resource Specialist 1's). The NRS 3 is based out of Coos Bay and provides biological expertise to the Southern Oregon Area. The Unit Manager, two NRS2's, and two NRS1's perform all the tasks normally handled by engineering, marketing, reforestation/young stand management, GIS, T&E, and planning specialists in the larger districts.

The State Forests budget partially funds the District Forester, District Business Manager and Admin Specialist, Coos Unit forester, Coos Unit stewardship forester, Southwest Unit admin staff, and Southwest Unit GNA forester,.

District Organization



APPENDIXES

A. Summary Tables

- a. Harvest Operations – Financial Summary
- b. Harvest Operations – Forest Resource Summary
- c. Forest Road Management Summary
- d. Reforestation and Young Stand Management Summary
- e. Recreation Management Summary

B. Map Section

- a. Harvest Operations Vicinity Map
- b. Include other maps that support the AOP

C. Consultations with Other State Agencies

This appendix summarizes the results of consultations with the Oregon Department of Fish and Wildlife and other agencies, as appropriate. This appendix contains any written comments that we received from state agencies.

D. Public Involvement

This appendix describes the results of the public involvement process of this AOP and will be added prior to its approval.

E. Pre-Operations Reports

Pre-Operations Reports are available from the district upon request.

F. Minor Implementation Plan Modifications

This section describes any minor modifications to the district implementation plans, including minor/major changes to the landscape design.

TIMBER HARVEST OPERATIONS - FINANCIAL SUMMARY

District: Western Lane (Veneta Unit)

Fiscal Year: 2020

Date: 01/29/2019

Primary Operation	Fund %		County	Sale Quarter	Net Acres		Volume (MMBF)			Value		
	BOF	CSL			Partial Cut	Clear-cut	Con-ifer	Hard-woods	Total	Gross	Projects	Net
Cram Cleanup	100%	0%	Lane	3	0	40	0.7		0.7	\$324,000	\$13,000	\$311,000
Milk Creek	0%	100%	Lane	2	0	104	4.5		4.5	\$2,236,000	\$95,000	\$2,141,000
Pontius Creek	100%	0%	Lane	2	0	88	4.1		4.1	\$2,068,000	\$170,000	\$1,898,000
Upper Nelson	100%	0%	Lane	3	0	81	3.9		3.9	\$2,041,200	\$215,000	\$1,826,200

Total:	0	313	13.2	0.0	13.2	\$ 6,669,200.00	\$ 493,000.00	\$6,176,200
							BOF Total:	\$4,035,200
							CSL Total:	\$2,141,000

District: Western Lane (Coos Unit)

Fiscal Year: 2020

Date: 01/29/2019

Primary Operation	Fund %		County	Sale Quarter	Net Acres		Volume (MMBF)			Value		
	BOF	CSL			Partial Cut	Clear-cut	Con-ifer	Hard-woods	Total	Gross	Projects	Net
Millicoma Flats 2	100%	0%	Coos	3	0	23	0.5	0.1	0.6	\$226,875	\$25,000	\$201,875
West 11	100%	0%	Coos	3	0	35	1.1		1.1	\$434,000	\$130,000	\$304,000

Total:	0	58	1.6	0.1	1.7	\$ 660,875.00	\$ 155,000.00	\$505,875
---------------	---	----	-----	-----	-----	---------------	---------------	-----------

District: Western Lane (Southwest Unit)

Fiscal Year: 2020

Date: 01/29/2019

Primary Operation	Fund %		County	Sale Quarter	Net Acres		Volume (MMBF)			Value		
	BOF	CSL			Partial Cut	Clear-cut	Con-ifer	Hard-woods	Total	Gross	Projects	Net
Lawson Creek	100%	0%	Douglas	3	0	56	1.8		1.8	\$716,800	\$41,000	\$675,800

Total:	0	56	1.8	0.0	1.8	\$ 716,800.00	\$ 41,000.00	\$675,800
---------------	---	----	-----	-----	-----	---------------	--------------	-----------

Alternate Operations (Unit in Parenthesis)

By Gally (Veneta)	100%	0%	Lane		0	89	3.1		3.1	\$1,557,500	\$30,000	\$1,527,500
East Greenleaf (Veneta)	100%	0%	Lane		0	178	7.2		7.2	\$3,447,075	\$150,000	\$3,297,075
GM Thin (Veneta)	100%	0%	Lane		142	0	1.7		1.7	\$511,200	\$55,000	\$456,200
Roughage Final (Veneta)	100%	0%	Lane		0	106	3.8		3.8	\$1,717,200	\$110,000	\$1,607,200
Son In Law (Southwest)	100%	0%	Douglas		0	83	2.5		2.5	\$996,000	\$283,000	\$713,000

PRIMARY HARVEST OPERATIONS - FOREST RESOURCE SUMMARY

District: **Western Lane (all units)**

Fiscal Year **2020**

Date: **12/19/2018**

This table lists Forest Resources and other issues addressed within Pre-Operations Report due to their presence within or near harvest operations

Primary Harvest Operations	Unit (Optional)	Forest Health Issues ¹	Invasive Species	LYR/OFS Structures ²	Landscape Design LYR/OFS ³	Install/Replace Culverts on Fish Bearing / Perennial Streams	Harvesting within 100' of Fish Bearing Stream	Domestic Water Source	Potential Stream Habitat Improvement ⁴	Within Aquatic Anchor	Within Terrestrial Anchor	Operating within a NSO Provincial Circle (BA Required)	Operating within a MMMA (BA Required)	Murrelet Timber Sale Screening Process Required (MM Policy 2.27)	T&E Fish Adjacent to Harvest Unit / Haul Route ⁵	T&E Plants	Geotechnical Issues Needing Field Review	Recreation Sites	Cultural Resources	Scenic Resources	Other Resources or Issues	
Cram Cleanup	1		x																			
Milk Creek	1		x																x			
Pontius Creek	1		x																			in SHA, non-baseline
Upper Nelson	1 & 2		x																			in SHA, non-baseline
Millicoma Flats 2	1 & 2		x												x							
West 11	1		x									x										
Lawson Creek	1		x	x											x							

¹ A 'x' (in any column) indicates yes the resource or other issue occurs within or near the harvest operation and is addressed by the Pre-Operations Report

² A 'x' indicates the harvest operation contains stands that are currently in a Layered or Older Forest Stand Structure

³ A 'x' indicate that the operation contains areas that have been designated for the development of complex forest stands (LYR/OFS)

⁴ The final decision on these projects will occur during sale preparation and in consultation with ODFW.

⁵ This table lists harvest operations (units or log haul routes) that are adjacent to streams that are known to contain T&E fish. The Pre-Operation Report identifies whether T&E fish are present in the basin.

ALTERNATE HARVEST OPERATIONS - FOREST RESOURCE SUMMARY

This table lists Forest Resources and other issues addressed within Pre-Operations Report due to their presence within or near harvest operations

Alternate Harvest Operations	Unit (Optional)	Forest Health Issues ¹	Invasive Species	Lyr/OFS Structures ²	Landcape Design Lyr/OFS ³	Install/Replace Culverts on Fish Bearing / Perennial Streams	Harvesting within 100' of Fish Bearing Stream	Domestic Water Source	Potential Stream Habitat Improvement ⁴	Within Aquatic Anchor	Within Terrestrial Anchor	Operating within a NSO Provincial Circle	Operating within a MMMA (BA Required)	Murrelet Timber Sale Screening Process Required (MM Policy 2.27)	T&E Fish Adjacent to Harvest Unit / Haul Route ⁵	T&E Plants	Geotechnical Issues Needing Field Review	Recreation Sites	Cultural Resources	Scenic Resources	Other Resources or Issues	
By Gally	1	x										x		x	x	x						Not in SHA. Revised BA needed
East Greenleaf	1&2	x																				in SHA, non-baseline
GM Thin	1	x																				
Roughage Final	1	x																				in SHA, non-baseline
Son In Law	1	x																				
Three Creeks Final	1	x										x										

¹ A 'x' (in any column) indicates yes the resource or other issue occurs within or near the harvest operation and is addressed by the Pre-Operations Report

² A 'x' indicates the harvest operation contains stands that are currently in a Layered or Older Forest Stand Structure

³ A 'x' indicate that the operation contains areas that have been designated for the development of complex forest stands (Lyr/OFS)

⁴ The final decision on these projects will occur during sale preparation and inconsultation with ODFW.

⁵ This table lists harvest operations (units or log haul routes) that are adjacent to streams that are known to contain T&E fish. The Pre-Operation Report identifies whether T&E fish are present in the basin.

FOREST ROADS SUMMARY

District: Western Lane (all units)

Fiscal Year: 2020

Date: 02/06/2019

Primary Operations	Construction		Improvement		Other Projects	Total Project Costs	Gross Value of Operation	Total Cost as a percent of Gross Value	Comments
	Miles	Cost	Miles	Cost					
Cram Cleanup	0	\$ -	0.1	\$ 12,000.00	\$ 1,000.00	\$ 13,000.00	\$324,000	4.0%	
Milk Creek	0	\$ -	1.7	\$ 85,000.00	\$ 10,000.00	\$ 95,000.00	\$2,236,000	4.2%	
Pontius Creek	1.2	\$ 160,000.00	0	\$ -	\$ 10,000.00	\$ 170,000.00	\$2,068,000	8.2%	
Upper Nelson	0.8	\$ 105,000.00	0.8	\$ 95,000.00	\$ 15,000.00	\$ 215,000.00	\$2,041,200	10.5%	
Millicoma Flats 2	0.4	\$ 10,000.00	0.1	\$ 10,000.00	\$ 5,000.00	\$ 25,000.00	\$226,875	11.0%	
West 11	0.0	\$ -	2.2	\$ 110,000.00	\$ 20,000.00	\$ 130,000.00	\$434,000	30.0%	
Lawson Creek	0.0	\$ -	0.0	\$ -	\$ 41,000.00	\$ 41,000.00	\$716,800	5.7%	
Total	2.4	\$275,000	4.9	\$312,000	\$102,000	\$689,000	\$8,046,875	8.6%	

Alternate Operations

By Gally	0	\$ -	0.2	\$ 30,000.00	\$ -	\$ 30,000.00	\$1,557,500	1.9%	
East Greenleaf	0	\$ -	4.6	\$ 13,000.00	\$ 20,000.00	\$ 150,000.00	\$3,447,075	4.4%	
GM Thin	0.9	\$ 44,000.00	0.3	\$ 9,000.00	\$ 2,000.00	\$ 55,000.00	\$511,200	10.8%	
Roughage Final	0	\$ -	0.8	\$ 95,000.00	\$ 15,000.00	\$ 110,000.00	\$1,717,200	6.4%	
Son In Law	0	\$ -	0	\$ 263,000.00	\$ 20,000.00	\$ 283,000.00	\$996,000	28.4%	
Three Crees Final	0	\$ -	0.8	\$ 90,000.00	\$ 15,000.00	\$ 105,000.00	\$934,500	11.2%	

Road Projects Not Associated with Harvest Operations in this AOP

Operation	Construction		Improvement		Other Projects	Total Project Costs	Funding Source	Comments
	Miles	Cost	Miles	Cost				
		\$ -		\$ -		\$ -		
		\$ -		\$ -		\$ -		
		\$ -		\$ -		\$ -		
Total	0.0	\$ -	0.0	\$ -	0.0	\$ -		

REFORESTATION AND YOUNG STAND MANAGEMENT SUMMARY

District: Western Lane (all units)

Fiscal Year: 2020

Date: 02/04/2019

Projects Conducted by ODF Staff or Contractors	Board of Forestry			Common School Forest Lands			District	
	Acres Planned	Average Cost*/Acre	BOF Cost	Acres Planned	Average Cost*/Acre	CSL Cost	Total Acres	Total Cost
Seedling / Nursery Costs	560	\$193.50	\$108,360.00			\$0.00	560	\$108,360.00
Initial Planting	560	\$150.00	\$84,000.00			\$0.00	560	\$84,000.00
Interplanting	0	\$85.00	\$0.00			\$0.00	0	\$0.00
Underplanting	0		\$0.00			\$0.00	0	\$0.00
Tree Protection - Barriers	0		\$0.00			\$0.00	0	\$0.00
Tree Protection - Direct Control	0		\$0.00			\$0.00	0	\$0.00
Site Prep - Chemical - Aerial	0		\$0.00			\$0.00	0	\$0.00
Site Prep - Chemical - Hand	560	\$100.00	\$56,000.00			\$0.00	560	\$56,000.00
Site Prep - Broadcast Burning	0		\$0.00			\$0.00	0	\$0.00
Site Prep - Piling Burning	0		\$0.00			\$0.00	0	\$0.00
Site Prep - Mechanical	0		\$0.00			\$0.00	0	\$0.00
Release - Chemical - Aerial	0		\$0.00			\$0.00	0	\$0.00
Release - Chemical - Hand	255	\$100.00	\$25,500.00			\$0.00	255	\$25,500.00
Release - Mechanical - Hand	0		\$0.00			\$0.00	0	\$0.00
Precommercial Thinning	0		\$0.00			\$0.00	0	\$0.00
Pruning	0		\$0.00			\$0.00	0	\$0.00
Invasive Species*	20	\$28.00	\$560.00			\$0.00	20	\$560.00
Road Side Spraying*	40	\$28.00	\$1,120.00			\$0.00	40	\$1,120.00
Stocking Surveys	500	\$0.00	\$0.00			\$0.00	500	\$0.00
Release - Chemical - H&S	250	\$80.00	\$20,000.00	60	\$80.00	\$4,800.00	310	\$24,800.00
Totals	2,745	--	\$295,540.00	60	--	\$4,800.00	2,805	\$300,340.00

* Work to be completed by ODF staff; cost are for materials only

Projects Conducted by Inmates	Board of Forestry			Common School Forest Lands			District	
	Acres Planned	Average Cost*/Acre	BOF Cost	Acres Planned	Average Cost*/Acre	CSL Cost	Total Acres	Total Cost
Initial Planting			\$0.00			\$0.00	0	\$0.00
Interplanting			\$0.00			\$0.00	0	\$0.00
Underplanting			\$0.00			\$0.00	0	\$0.00
Tree Protection - Barriers			\$0.00			\$0.00	0	\$0.00
Tree Protection - Direct Control	273	\$75.00	\$20,475.00			\$0.00	273	\$20,475.00
Site Prep. - Chemical Aerial			\$0.00			\$0.00	0	\$0.00
Site Prep - Chemical - Hand			\$0.00			\$0.00	0	\$0.00
Site Prep - Broadcast Burning			\$0.00			\$0.00	0	\$0.00
Site Prep - Piling Burning			\$0.00			\$0.00	0	\$0.00
Site Prep - Mechanical			\$0.00			\$0.00	0	\$0.00
Release - Chemical - Hand			\$0.00			\$0.00	0	\$0.00
Release - Mechanical - Hand			\$0.00			\$0.00	0	\$0.00
Precommercial Thinning			\$0.00			\$0.00	0	\$0.00
Pruning			\$0.00			\$0.00	0	\$0.00
Invasive Species			\$0.00			\$0.00	0	\$0.00
Other			\$0.00			\$0.00	0	\$0.00
Totals	273	--	\$20,475.00	0	--	\$0.00	273	\$20,475.00

Grant Funded Activities	Board of Forestry			Common School Forest Lands			District	
	Acres Planned	Average Cost*/Acre	Cost	Acres Planned	Average Cost*/Acre	Cost	Total Acres	Total Cost
			\$0.00			\$0.00	0	\$0.00
			\$0.00			\$0.00	0	\$0.00
			\$0.00			\$0.00	0	\$0.00
			\$0.00			\$0.00	0	\$0.00

RECREATION SITE MANAGEMENT SUMMARY

District: Western Lane (all units)

Fiscal Year: 2020

Date : 02/07/2019

Project	Construction Cost (Funding)		Improvement Cost (Funding)		Operations/Maint. (Funding)		Total Costs	Comments
	ODF (\$)	Other (\$)	ODF (\$)	Other (\$)	ODF (\$)	Other (\$)		
Campgrounds								
None							\$0	
							\$0	
							\$0	
Designated Dispersed Campsites								
None							\$0	
							\$0	
							\$0	
Day Use Areas								
None							\$0	
							\$0	
							\$0	
Trailheads								
None							\$0	
							\$0	
							\$0	
Interpretive Sites								
None							\$0	
							\$0	
							\$0	
Other Operations								
							\$0	
							\$0	
							\$0	
							District Total	\$0
							Other Total	\$0
							TOTAL	\$0

RECREATION TRAIL MANAGEMENT SUMMARY

District: Western Lane (all units)

Fiscal Year:

2020

Date : 02/07/2019

Project	Construction Projects			Improvement Projects			Operations & Maintenance Projects			Total Costs	Comments
	Miles	ODF (\$)	Other (\$)	Miles	ODF (\$)	Other (\$)	Miles	ODF (\$)	Other (\$)		
Non-Motorized											
None										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
Motorized											
None										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										\$0	
										District Total	\$0
										Other Total	\$0
										TOTAL	\$0

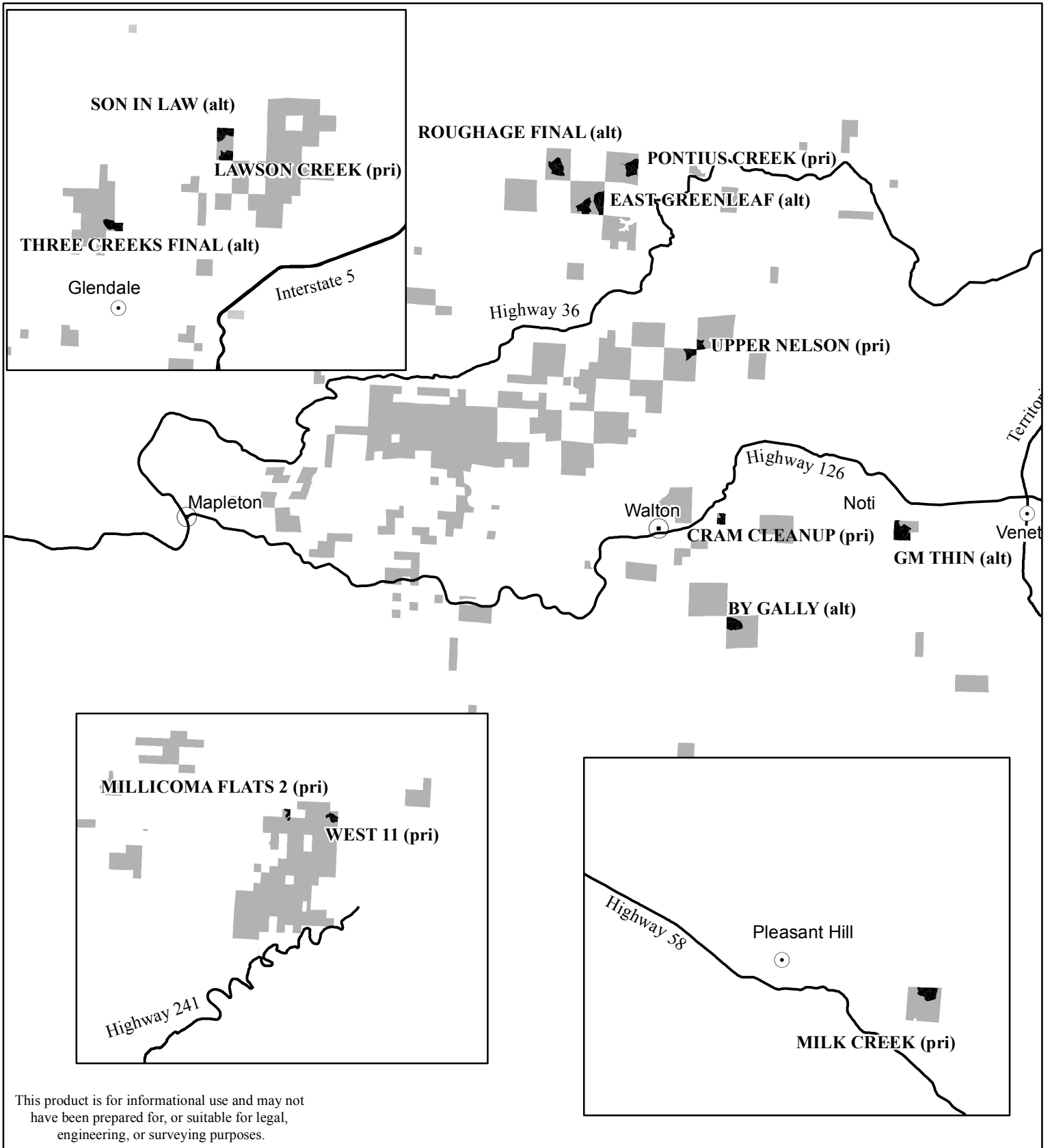
RECREATION GRANT MANAGEMENT SUMMARY

District: Western Lane (all units)

Fiscal Year: 2020

Date : 02/07/2019

Grant	Status	Award Date (actual or anticipated)	Recreation Leadership Approval	Goals/Purpose	Funding		Project Total	Comments
					Grant (\$)	Match (\$)		
None					\$0	\$0	\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
							\$0	
					Grants Total		\$0	
					Match Total		\$0	
					TOTAL		\$0	






This product is for informational use and may not have been prepared for, or suitable for legal, engineering, or surveying purposes.

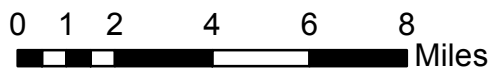
Appendix B VICINITY MAP

FY 2020 AOP
WESTERN LANE DISTRICT

Legend

-  Towns
-  Highways
-  2020 Sales
-  ODF Ownership

Approximate Scale
1 inch = 4 miles



"STEWARDSHIP IN FORESTRY"



Appendix C

Consultations with Other State Agencies

This appendix summarizes the results of consultations with the Oregon Department Of Fish and Wildlife and the Oregon Department of Transportation.

The FY2020 AOP was sent to the ODFW for review. In addition, ODFW and ODF representatives collaborate on all T&E survey results that could affect timber sales identified in this AOP. ODF will discuss and resolve any comments received from ODFW prior to the auction of timber sales identified in this AOP.

Archaeologists from the Oregon Department of Transportation (ODOT) have reviewed the proposed timber harvests and road construction projects to review potential impacts to cultural resources. A potential historic railroad grade was identified near one of the proposed timber sales in this AOP. Trained field staff will explore the project area vicinity for railroad remains prior to sale layout. At a different sale a potential historic trail was identified. Trained field staff will explore the project area vicinity for historical remains prior to sale layout. Appropriate cultural resource protection will occur if historic railroad remains or other historical items are found within the timber sale areas.

The FY2020 AOP was sent to the Coquille Tribe, Cow Creek Band of Umpqua Tribe, the Confederated Tribes of Grande Ronde, the Confederated Tribes of Siletz, and the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw for review. When/if comments are received the District will discuss and resolve any concerns raised by the Tribes regarding these operations prior to the auction of these operations.

Appendix D

Public Involvement

The Oregon Department of Forestry provided a formal 45 day public comment period for the 2020 Annual Operations Plans.

The purpose of the Public Comment Period was to provide an opportunity for the public to review the AOP's, ask questions, make recommendations, and offer comments. As a public agency, ODF strives to operate in the best interests of Oregonians. We provide opportunities for public participation to assist us in securing the greatest permanent value from state forests for all Oregonians.

Past experience has shown that public comments have the potential to improve plans, so the objective was not only to inform the public, but to receive feedback that would help to clarify the AOP's, improve their consistency with the long range FMPs and IPs, and to become aware of any new information that could affect a planned operation or improve its efficiency or effectiveness.

At the end of the public comment period, the Western Lane District received one comment via the online survey. The individual providing the comment felt the plan had too many words, was unclear, and overly complex. Western Lane District staff attempted to contact the individual providing comments multiple times with the intent to help answer any questions and clarify the plan. The individual never responded to the attempted contacts.

Public comments and the Program's responses are available upon request.

Appendix E

Pre-Operations Reports

Pre-Operations Reports are available from the district upon request.

Appendix F - Changes to Landscape Design – Minor Modification to District Implementation Plans

VENETA UNIT

The Landscape Design for the Western Lane District – Veneta Unit consists of 37 percent of the land base which is designated to achieve a Desired Future Condition (DFC) of either Layered (LYR) or Older Forest Structure (OFS). The 37 percent landscape design was adopted in 2017 as part of the 2017 Western Lane District Implementation Plan (IP). The landscape design is a long term vision of the arrangement of stand structures to be developed across the district to achieve the landscape objectives set forth in the Northwest Forest Management Plan (FMP).

In order to adapt to new information such as: updated forest inventory, new threatened and endangered species sites, forest land management classification updates, landscape changes due to storm damage, insect and/or disease or other significant events; the landscape design was anticipated to change over time. In addition, various GIS layers including the DFC are always in need of aligning and fine tuning as part of the improvement and maintenance of the data. Changes of up to 240 acres annually are considered minor changes and can be approved by the District Forester concurrent with the Annual Operation Planning (AOP) process. Changes that are greater than 240 acres are considered major and require a public comment period and are approved by the State Forester.

This minor modification consists of aligning and fine tuning the DFC boundary with newly configured marbled murrelet management areas. Boundary changes also creates more logical timber sale boundaries. A total of 204 acres were modified; 144 acres were added to the DFC and 60 acres were removed.

Total LYR acres after this modification are 4,593 (18% of District Acres), and total OFS acres are 4860 (19 % of District Acres).

Summary of Minor Landscape Design Changes				
Landscape Design Modification	Acres Removed		Acres Added	
	Current Stand Condition	Acres	Current Stand Condition	Acres
Remove DFC - OFS	UDS	55		
Remove DFC - OFS	REG	5		
Add DFC – OFS			LYR	6.5
Add DFC – OFS			UDS	125.5
Add DFC – OFS			CSC	2
Add DFC – OFS			REG	10
	Total Acres Removed	60	Total Acres Added	144

SOUTHWEST UNIT

The Landscape Design for the Western Lane District – Southwest Unit consists of 46 percent of the land base which is designated to achieve a Desired Future Condition (DFC) of either Layered (LYR) or Older Forest Structure (OFS). Originally 47 percent landscape design was adopted in 2003 as part of the 2003 Western Southwest Oregon Implementation Plan (IP). Since 2003 Department of State Lands (DSL) has sold approximately ~1300 acres causing the percentage to drop one percent. The landscape design is a long term vision of the arrangement of stand structures to be developed across the district to achieve the landscape objectives set forth in the Southwest Oregon State Forest Management Plan (SWFMP).

In order to adapt to new information such as: updated forest inventory, new threatened and endangered species sites, forest land management classification updates, landscape changes due to storm damage, insect and/or disease or other significant events; the landscape design was anticipated to change over time. In addition, various GIS layers including the DFC are always in need of aligning and fine tuning as part of the improvement and maintenance of the data. Changes of up to 240 acres annually are considered minor changes and can be approved by the District Forester concurrent with the Annual Operation Planning (AOP) process. Changes that are greater than 240 acres are considered major and require a public comment period and are approved by the State Forester.

A total of 115 acres were modified; 115 acres were removed and no acres were added to the DFC. This minor modification shifts the DFC designation in portion of recently abandoned owl site. This minor modification maintains the required DFC stand structure ranges in the SWFMP. Boundary changes to DFC will allow the logging of proposed Lawson Creek timber sale.

Total LYR acres after this modification are 3868 (23% of District Acres), and total OFS acres are 3683 (22 % of District Acres).

Summary of Minor Landscape Design Changes				
Modification	Acres Removed		Acres Added	
	Current Stand Condition	Acres	Current Stand Condition	Acres
Remove DFC - OFS	LYR	115	N/A	0
	Total Acres Removed	115	Total Acres Added	0

Legend

○ Towns

— Highways

■ ODF Ownership

New DFC Classification

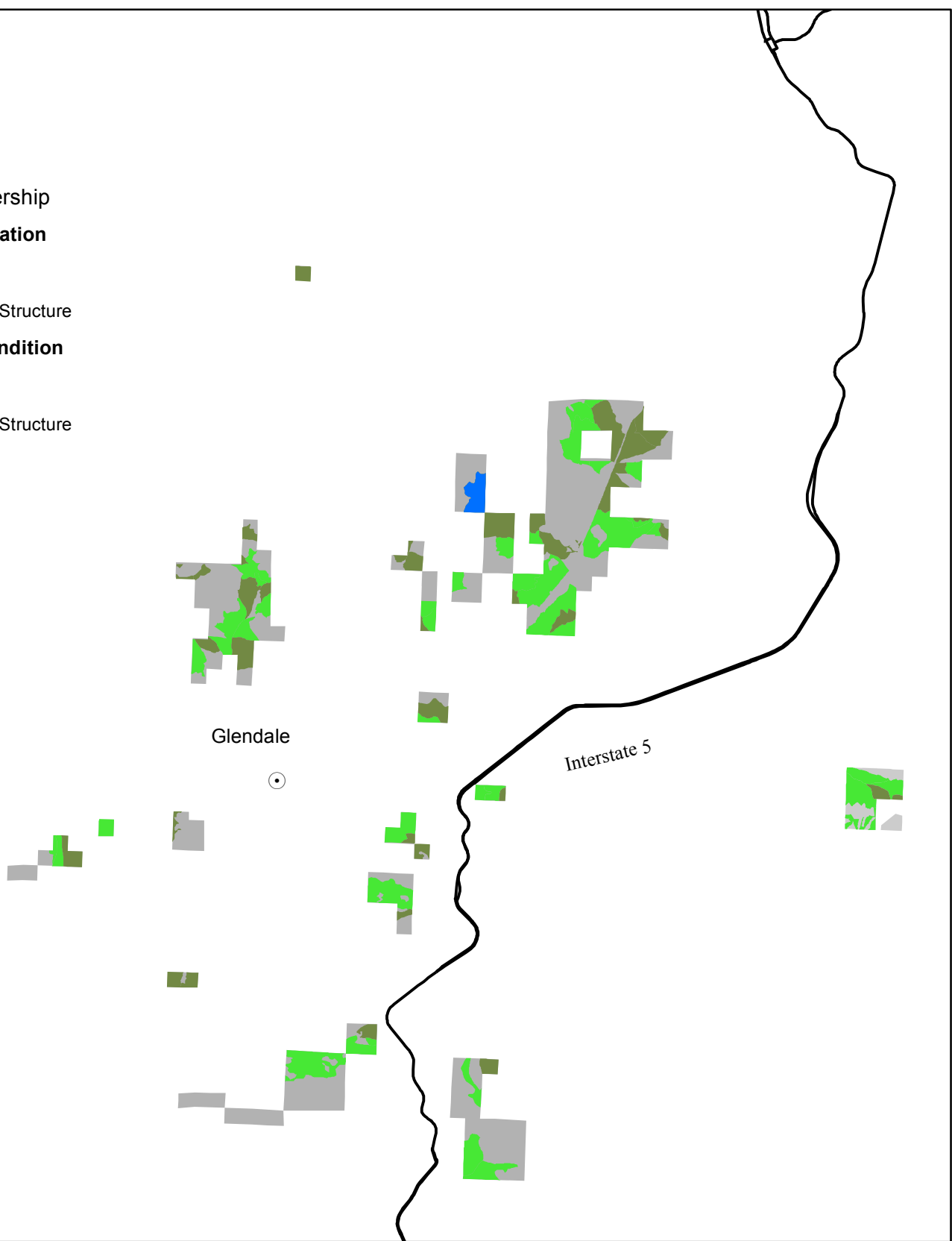
■ General

■ Older Forest Structure

Desired Futrue Condition

■ Layered

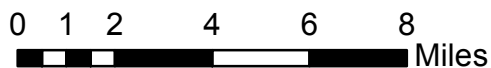
■ Older Forest Structure



**Landscape Design Modifications
Western Lane District (Southwest Unit)**

FY 2020 AOP

Approximate Scale
1 inch = 4 miles

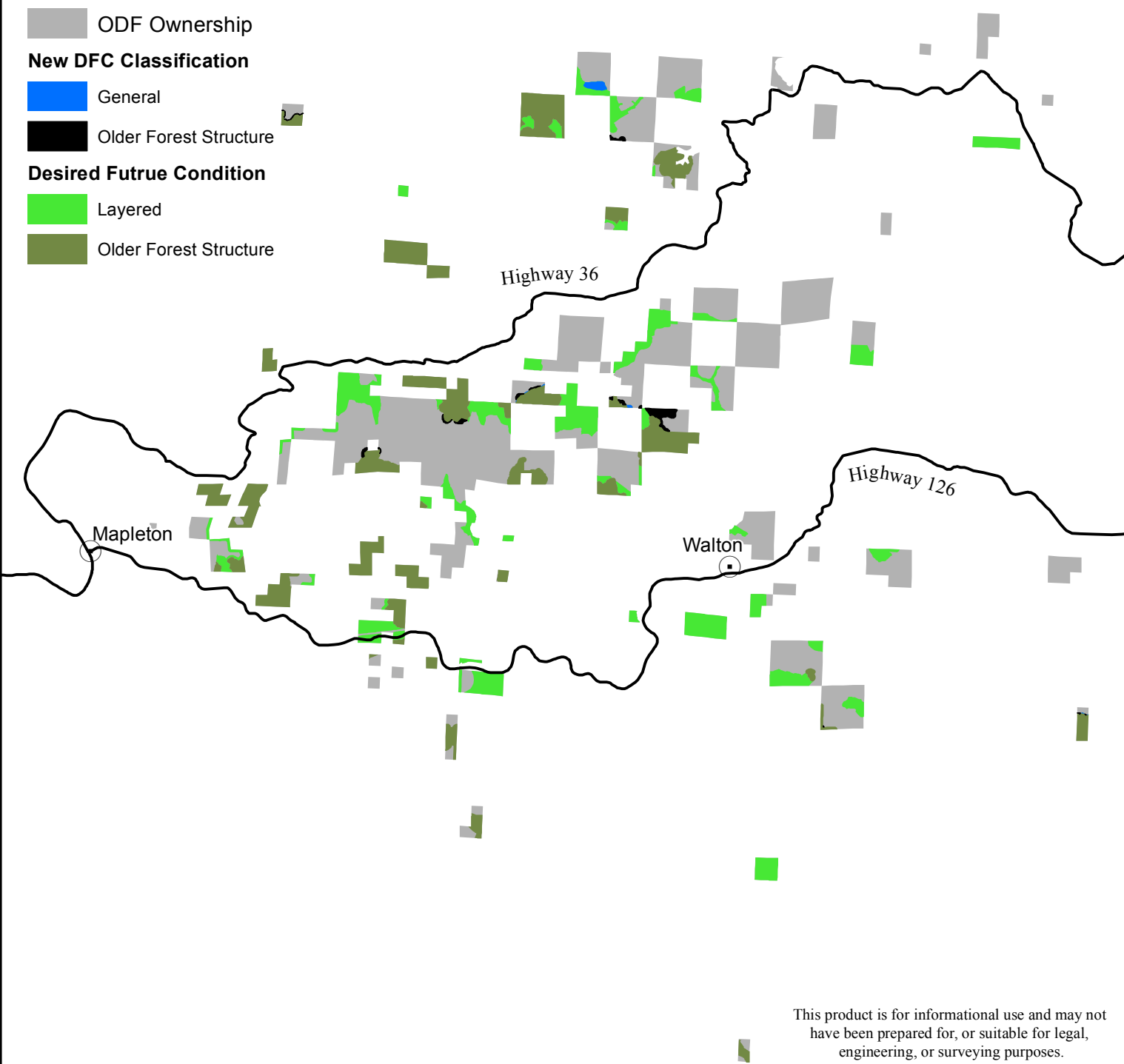


"STEWARDSHIP IN FORESTRY"



Legend

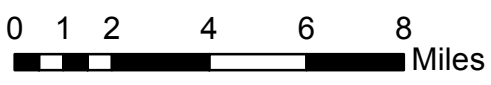
- Towns
- Highways
- ODF Ownership
- New DFC Classification**
 - General
 - Older Forest Structure
- Desired Futrue Condition**
 - Layered
 - Older Forest Structure



This product is for informational use and may not have been prepared for, or suitable for legal, engineering, or surveying purposes.

Landscape Design Modifications Western Lane District (Veneta Unit) FY 2020 AOP

1 in = 3 miles



"STEWARDSHIP IN FORESTRY"

