

Pre-Operations Report

Operation Name: Wimble Pass

County: Lane

Management Basin: Western Lane

Legal Description: Sec 21, T19S, R3E

Table 1. Operation Areas, Types and Acres

Area	Type of Operation	Gross Acres	Net Acres
1	Modified Clearcut	82	80

Net acres do not include in-unit stream buffers.

I. PHYSICAL DESCRIPTION OF OPERATION AREA:

The sale area is 20 miles southeast of Eugene. Elevation is approximately 1200 feet. The climate is cooler and wetter than Eugene. Slopes are gentle to moderate. This section is completely surrounded by private land and is miles away from any other ODF managed land.

II. CURRENT STAND CONDITION:

The entire area is stands originating after wildfires the first part of the 20th century. It was all thinned about 30 years ago. The average age of the overstory timber is about 85 years. Timber type is primarily Douglas-fir but with minor amounts of other species including four other conifer species and five species of hardwood.

All of the area is UDS structure with heavy brush, much down wood, and some snags. The stand contains about 350 understory trees per acre 0 to 5 inches DBH.

Table 2. Stand Inventory Information (Net Acres)

Area	Prescription	Stand ID ¹	Main Overstory Species	DF Age	DF DBH	All Spp BA	All Spp TPA	All Spp SDI	Acres ²
1	Modified Clearcut	15331	DF	85	20	195	101	45	80

- 1 The source of stand inventory information is SLI for trees over 8" DBH. However, DF only is only 76 TPA and 172 BA for an SDI of 38.
- 2 Net acres are based on orthophotos and does not include stream buffers.

III. DESIRED STAND CONDITION and VISION:

The entire sale area has a Desired Future Condition of General, and plans are to manage the area with an emphasis on Douglas-fir commercial forest on fairly short rotations.

Table 3. Stand Structure Information (Net Acres)

Area	Stand ID	Current	Post Harvest	Desired Future	Acres
All	15331	UDS	UDS	GEN	80

IV. PROPOSED MANAGEMENT PRESCRIPTION and ANTICIPATED PATHWAY:

Harvest Type: Modified clear cut.

Reforestation: The sale area was thinned about 30 years ago and considerable in seeding has occurred. Large numbers of understory trees will remain after harvest, but stocking will be patchy. A mixture of Douglas-fir and redcedar will be planted in the areas disturbed by operations. No site preparation is planned. About two years following harvest, resprouting bigleaf maple clumps may be killed with hack and squirt. At that time patches of other brush may be treated with a ground application spot treatment.

Leave Trees. Some defective alder and defective overstory Douglas-fir trees will be marked during timber cruising - plus all other species will be left. At least 425 trees over 6" DBH will remain after harvest, scattered and in small patches.

Snags. SLI shows that the sale area currently has more than 500 snags larger than 24' DBH. These snags will be left if not safety or operational hazards.

Down Wood. SLI shows the stand currently has over 2500 cubic feet per acre of down wood. Additional down wood will come from broken pieces and missed logs. Hack and squirt treated hardwoods will eventually become down wood. No trees will be felled specifically to create additional down wood. Flat ground and adjacency to a county road would result in any large down wood being stolen for firewood during the fall when the gate remains open.

V. ESTIMATED TIMBER AND REVENUE INFORMATION:

Table 4. Timber and Revenue

Ownership		Sale Type	
BOF	CSL	Cash	Recovery
0%	100%	<input type="checkbox"/>	X
Planned Quarter: 4			

	Conifer	Hardwood	Total
Net Volume (MBF)	2600	0	2600
Stumpage Value (\$/MBF)	\$375	NA	
Estimated Gross Value	\$975,000	0	\$975,000
		Project Costs:	\$32,000
		Estimated Net Value:	\$943,000

VI. TRANSPORTATION PLANNING AND HARVESTING:

The sale area probably will be winter logged by cable. However, portions are suitable for shovel or cat logging in favorable weather.

Table 5. Transportation Planning Summary (Miles).

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.5	0
Improve	0	0	0	0
Maintain	0	1.0	0.5	0
Close/Block	0	0	0	0
Vacate	0	0	0	0

VII. AQUATIC RESOURCES AND WATER QUALITY:

A very marginal perennial Type N stream extends 350 feet into the unit. Another very small perennial Type N borders the SE edge of the unit for 800 feet. Both streams will have 25 foot no-cut buffers. Conifer will be marked adjacent to the streams if needed for the required 40 dominant and codominant conifer per 1000 feet. Additional conifer will be left beyond the perennial end on both streams.

VIII. T&E SPECIES CONSIDERATIONS:

T&E Birds: The SOA Wildlife Biologist has determined that the sale area is suitable for Northern Spotted Owls due to the age and size of the trees. Past surveys for NSO's have taken place in this area on private and federal ownership over several years. There are no known northern spotted owl sites within 1.2 miles of this Cascades Province timber sale.

This sale is greater than 50 miles inland from the coast and marbled murrelet surveys are not required.

T&E Plants: The sale area was checked against the Oregon Natural Heritage Program (OHNP) database of known listed plant locations. The sale area was also checked against district knowledge for any listed plant location. No listed plant records were identified within the sale area.

IX. SLOPE STABILITY AND GEOTECHNICAL ISSUES:

The sale area is gentle with no slope stability issues.

X. RECREATION RESOURCES:

The privately-owned gate is usually open during general hunting season, so the area has some hunting and mushroom picking recreation in the fall.

XI. CULTURAL RESOURCES:

No cultural resources sites are known to exist within the sale area.

XII. SCENIC RESOURCES:

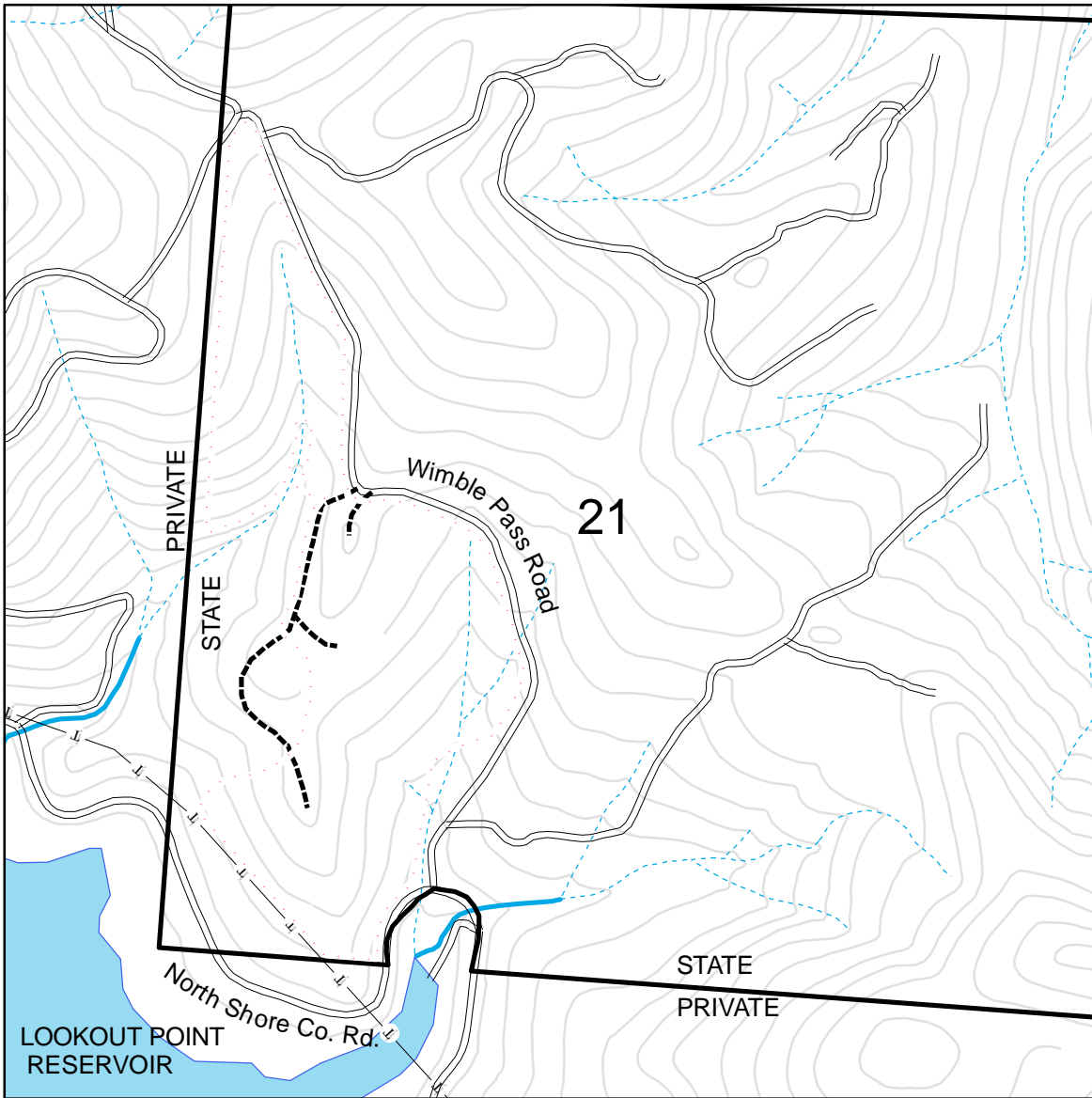
The SE corner of the sale (and CSL ownership) comes within 100 feet of the North Shore Road for about 600 feet. Only small portions of the sale will be visible from the road.

The SW corner of the sale is within 250 feet of a residence, but only small portions of the unit would be visible from the vicinity of the house.

Small portions of the unit may be visible from one 500 foot section of Hwy 58 more than a mile away across Lookout Point Reservoir.

XIII. OTHER RESOURCE CONSIDERATIONS:

ODF will notify the Army Corps of Engineers of our planned operation. The Corps will have an opportunity to reduce the potential of their timbered buffer strip blowing down into the county road



Legend

- Sale Boundary
- == Existing Roads
- Planned Roads
- ▭ ODF Ownership
- Transmission Line
- Lakes_clipped

Streams

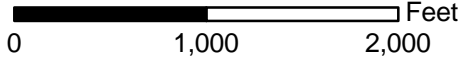
FISHPRES

- FISH
- UNKNOWN

Wimble Pass

Western Lane District - 2009
Annual Operations Plan

T.19S., R. 1E., Sec. 21, W.M.
Lane County, Oregon



Contour Interval : 40 Feet

3

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