

Pre-Operations Report

Operation Name: Salt West
County: Lane
Management Basin: Western Lane
Legal Description: Sec 2, T18S, R7W

Table 1. Operation Areas, Types and Acres

Area	Type of Operation		Net Acres
1	Modified Clearcut		90
2	Modified Clearcut		18
			108

Net acres do not include in-unit stream buffers or existing roads within units.

I. PHYSICAL DESCRIPTION OF OPERATION AREA:

The sale area is about seven miles due west of Veneta. Elevation is approximately 1000 feet. The climate is slightly cooler and wetter than Eugene. Eocene age sedimentary geology underlies the area. The soils are Drain and Valino. Slopes range from moderate to steep.

The parcel is a 500 acre isolated piece surrounded by BLM and industrial and small private commercial forest.

II. CURRENT STAND CONDITION:

The entire area is stands originating after wildfires the first part of the 20th century. The average age of the overstory timber is about 75 years. Timber type is primarily Douglas-fir with bigleaf maple and some alder.

All of the area is UDS structure with heavy brush, much down wood, and some snags.

Table 2. Stand Inventory Information (Net Acres)

Area	Prescription	Stand ID ₁	Species	Age	DBH	BA	TPA	RD	Acres ²
1	Modified Clearcut	15227	DF	75	20	232	103	50	54
1	Modified Clearcut	15228	DF	75	20	200	94	50	36
2	Modified Clearcut	15237	DF	75	21	142	61	50	18

1 The source of stand inventory information is SLI for DF 9" DBH and larger. The age of the overstory timber was from OSCUR.

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.

Table 3. Stand Structure Information (Net Acres)

Area	Stand ID	Current	Post Harvest	Desired Future	Acres
1	15227&15228	UDS	REG	GEN	90
2	15237	UDS	REG	GEN	18

IV. PROPOSED MANAGEMENT PRESCRIPTION and ANTICIPATED PATHWAY:

Areas 1 & 2: Modified Clearcut -- Two to three overstory Douglas-fir per acre will be left scattered within the units. Defective trees on cruise lines will be marked to leave when estimating the timber volume. In addition, all hemlock, cedar, bigleaf maple (which are not safety hazards) and conifer less than 10 inches DBH will be left. The leave tree target will be 8 trees per acre and will count all trees of all species over 8 inches DBH.

The areas may be aerially sprayed with an Accord/Arsenal mix prior to planting to reduce brush competition to the new seedlings. The areas will be planted with Douglas-fir and at least 10% redcedar, if available, the year following site preparation.

Treatment of competing vegetation may be necessary a few years after planting. This treatment probably will be hack and squirt.

Down Wood. SLI shows the stands currently have over 3500 cubic feet per acre of down wood. Additional down wood will come from broken pieces and missed logs. No trees will be felled specifically to create down wood.

Snags. SLI shows the general forest in the area contains numerous snags. Snags which are not a safety hazard will be left during this operation, and some of the 8 leave trees per acre will eventually become snags. In addition to the existing snags we propose to create an average of 1 snag per acre that will be left in clumps or scattered across the unit.

V. ESTIMATED TIMBER AND REVENUE INFORMATION:

Table 4. Timber and Revenue

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

	Conifer	Hardwood	Total
Net Volume (MBF)	3700	0	3700
Stumpage Value (\$/MBF)	\$325	NA	
Estimated Gross Value	\$1,202,500	0	\$1,202,500
		Project Costs:	\$50,000
		Estimated Net Value:	\$1,152,500

VI. TRANSPORTATION PLANNING AND HARVESTING:

3400 feet of ridgetop and near ridgetop road construction is required. The roads will be rocked for winter logging to capture winter markets and to reduce fire risk.

We anticipate that ODF will be required to maintain many miles of private and BLM controlled road. We probably will also be required to pay maintenance on some roads.

Table 5. Transportation Planning Summary (Miles).

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.6	0
Improve	0	0	0	0
Maintain	0	2.4	0.6	0
Close/Block	0	0	0	0
Vacate	0	0	0	0

VII. AQUATIC RESOURCES AND WATER QUALITY:

The sale is bisected by a Type F stream that contains only resident fish. A no-cut buffer averaging about 130 feet wide will be left on each side.

A small Type F stream borders the east edge of Area 1. This too will have a no cut buffer averaging about 130 feet. The trees left in the outer 30 feet of the Type F RMAs will count towards the target 870 leave trees.

Each Area contains several perennial Type N streams. No-cut buffers averaging 30 to 40 feet will be left. These buffers will include the 4 dominant or co-dominant conifers per 100 feet required by the *Northwest Oregon Forest Management Plan*.

VIII. T&E SPECIES CONSIDERATIONS:

T&E Birds: The SOA Wildlife Biologist has determined that the sale area is suitable habitat for northern spotted owls due to the age and size of the trees. Surveys for NSO's have taken place in this area over several years and will continue in 2009. As a result of these surveys, no northern spotted owl sites have been identified within 1.5 miles of this sale.

Potential marbled murrelet habitat was surveyed according to protocol in 2008 and will be surveyed again in 2009.

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:

There are a few isolated areas over 70% slope. No houses or public roads are threatened. Road construction will avoid these locations.

X. RECREATION RESOURCES:

Private gates prevent public motor vehicle access and the areas are patrolled by private security.

XI. CULTURAL RESOURCES:

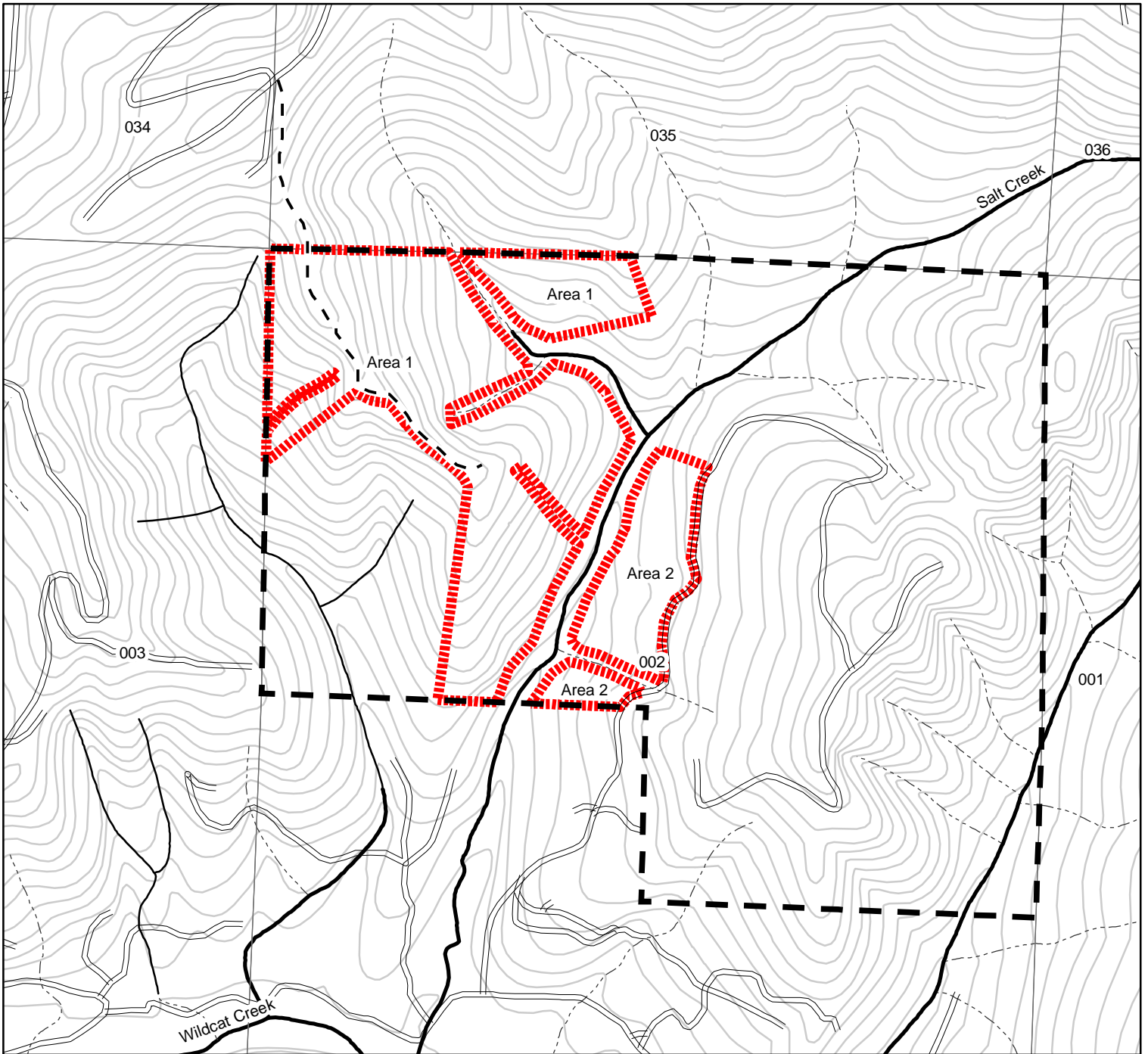
No cultural resources sites are known to exist within the sale area.

XII. SCENIC RESOURCES:

The area is not visible from public roads or homes.

XIII. OTHER RESOURCE CONSIDERATIONS:

None known.



Legend

- Existing Roads
- Planned Roads
- ODF Ownership
- Sale Boundary
- Section Lines

Streams

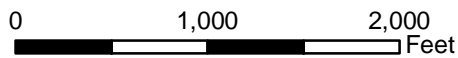
- Fish
- Nonfish
- Unknown

Salt West

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Western Lane District
 2010 Annual Operations Plan
 T.18S., R. 7W., Sec. 2, W.M.
 Lane County, Oregon

Scale 1:12,000



Contours: 40 feet



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