

# Pre-Operations Report

**Operation Name: Fish Ridge**  
**County: Lane**  
**Management Basin: Western Lane**  
**Legal Description: Sec 26, T16S, R7W**

**Table 1. Operation Areas, Types and Acres**

Area	Type of Operation	Gross Acres	Net Acres
1	Medium Thinning	54	52

Net acres do not include in-unit existing roads.

## **I. PHYSICAL DESCRIPTION OF OPERATION AREA:**

The sale area is an isolated 75 acre parcel of ODF managed common school land 23 miles northwest of downtown Eugene. Elevation is approximately 1200 feet. The climate is similar to Eugene. Slopes are gentle to moderate, and the underlying rock is Tye sandstone. This section is completely surrounded by BLM and private land.

## **II. CURRENT STAND CONDITION:**

This unit was logged in the 1950's. It may have been planted, but it also seeded in with Douglas-fir, hemlock, and hardwoods. SLI has not been done on the unit. Very few large snags exist, but considerable old down wood from logging slash and felled snags remains. Brush includes a wide variety, ranging from salmonberry and vine maple to salal, poison oak, hazel, and Oregon grape.

**Table 2. Stand Inventory Information (Net Acres)**

Area	Prescription	Stand ID <sup>1</sup>	Main Overstory Species	DF Age	All Spp DBH	All Spp BA	All Spp TPA	All Spp SDI	Acres <sup>2</sup>
1	Medium Thinning	15066	DF	55	14	224	199	60	52

1 The source of stand inventory information is a 27 plot timber cruise for trees over 8" DBH.

- 2 Net acres are based on orthophotos and does not include in-unit existing roads.

### 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	15066	UDS	UDS	GEN	52

### IV. **PROPOSED MANAGEMENT PRESCRIPTION and ANTICIPATED PATHWAY:**

The sale is moderate thinning from below to produce income to the trust, develop a more robust brush understory, and to concentrate growth on future crop trees.

Leave Trees and Snags: All cedar (if any) and all hardwoods which are not a safety hazard or within yarding corridors will be left. Safe snags will be left and any trees over 36" DBH.

Down Wood: No new down wood other than logging slash will be left.

Next Entry: No brush control or underplanting will be done. At this time we expect the next commercial entry will be a clearcut in 20 or 30 years.

### 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)	400	0	400
Stumpage Value (\$/MBF)	\$150	NA	
Estimated Gross Value	\$60,000	0	\$60,000
		Project Costs:	\$3,500
		Estimated Net Value:	\$56,500

**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	0.1
Improve	0	0	0.1	0
Maintain	0	3	0.1	0.1
Close/Block	0	0	0	0
Vacate	0	0	0	0

**VII. AQUATIC RESOURCES AND WATER QUALITY:**

The unit contains no Type F or D streams and no perennial, seasonal high energy, or potential debris flow track Type N's.

**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. 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 1.5 miles of this timber sale.

Potential marbled murrelet habitat adjacent to the sale was surveyed in 2006 and 2007. No birds were detected in either survey.

**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:**

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 area is not visible from public roads or homes.

**XIII. OTHER RESOURCE CONSIDERATIONS:**

None known.

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**XI. CULTURAL RESOURCES:**

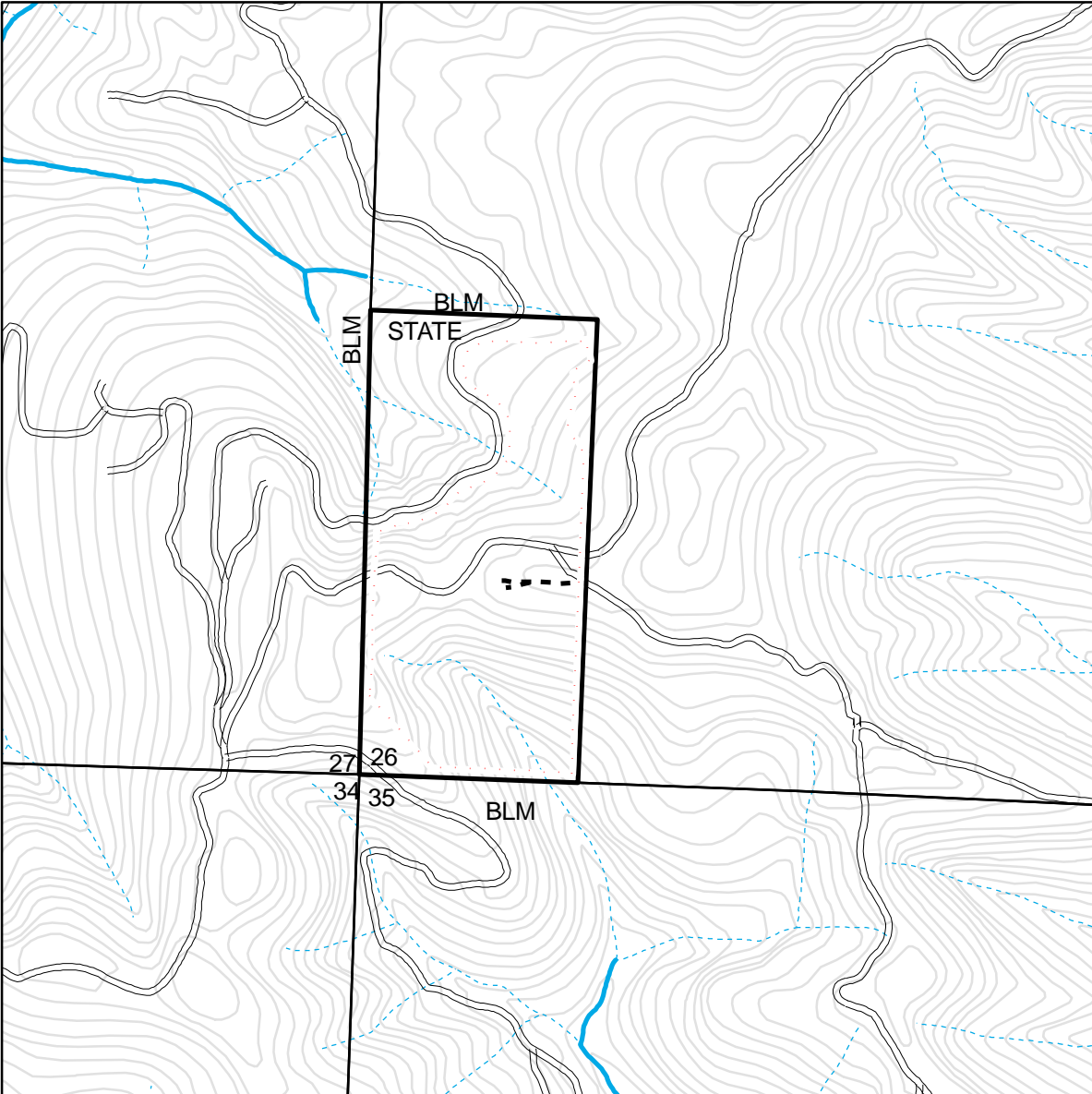
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**XII. SCENIC RESOURCES:**

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**XIII. OTHER RESOURCE CONSIDERATIONS:**

None known.



**Legend**

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

**Streams**

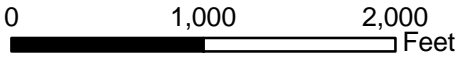
**FISHPRES**

- Fish
- - - Nonfish
- ..... Unknown

## Fish Ridge

### Western Lane District - 2009 Annual Operations Plan

T.16S., R. 7W., Sec. 26, W.M.  
Lane County, Oregon



Contour Interval : 40 Feet

# 3

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