

Pre-Operations Report

Operation Name: Boondoggle
County: Klamath

Table 1. Operation Areas, Types and Acres

Area	Harvest Type	Gross Acres	Net Acres
1	Partial Cut	310	310
Total		310	310

I. PHYSICAL DESCRIPTION OF OPERATION AREA:

Soil Types: The sale area consists of mainly Royst stony loam. This is a moderately deep, well drained soil on escarpments and rock benches. It is operable with ground based equipment most any time of the year.

Vegetation Zone: Plant Association – Mixed Conifer/Manzanita-snowbrush/sedge-penstemon. (CWS1-13).

Slope, Aspect, and Topography: Slope ranges from 4 to 40 percent. The majority of the area is less than 20 percent slope. Aspect is predominantly north. There is a ridge running east-west on the extreme southwest corner of the sale area.

II. CURRENT STAND CONDITION:

The stand is predominantly made up of white-fir with a component of ponderosa pine, sugar pine and incense cedar intermixed. The age structure of the existing stand ranges from seedlings to trees over 200 years old. Most of the overstocked areas are composed of white fir. The residual stands will retain the same range of ages.

Table 2. Stand Inventory Information

Area	Prescription	Stand ID ¹	Species	DBH ³	BA	TPA ⁴	SDI	Acres ²
1	PC	402	WF	16	80	448	203	310
		402	PP	18	6	48	26	

¹The source of stand inventory information is SLI from 2003

²The acres are based on GIS and include roads, streams buffers, reserve areas, etc.

³Stand DBH is only trees greater than 8.0 inches.

⁴TPA includes all trees within stand to record an accurate SDI.

III. DESIRED FUTURE CONDITION/VISION:

1. Create a healthy, insect and disease-resistant stand by reducing stocking levels in overstocked clumps and by removing a large percentage of merchantable white fir. White fir will be maintained for biodiversity. In addition, clumps of healthy, small-diameter white fir will be left to grow to the next entry. This will provide volume for the next entry as well as wildlife cover. Ponderosa pine will be the favored leave tree species, as well as the species used in post sale interplanting of openings created by white fir removal.
2. Establish a viable cohort of ponderosa pine regeneration.
3. Create or retain an uneven-aged stand structure capable of sustained timber output through periodic partial cut entries.
4. Enhance wildlife habitat through sustained recruitment of wildlife trees, snags and downed woody debris, and cover areas; and maintenance of early seral areas for forage production.
5. Generate revenue for the Common School Fund.

IV. PROPOSED MANAGEMENT PRESCRIPTION:

Forest health objectives will be accomplished by reducing stand density in the overstocked clumps and removing most of the white fir. This sale plan is intended to cover treatment of both the sawlog sized material and the sub-sawlog sized material. Depending on the market, the sub-sawlog sized material may be chipped or burned at the landing.

The target is to leave unevenaged stands consisting of mixed species of all size and age classes. Larger trees will be left where needed for seed source, stand structure and future snags. In addition, most of the healthy large ponderosa pines will be retained. Future large snag needs will be met by leaving most of the large cull white fir as well as some large high defect ponderosa pines. These trees will be left to live out their lives, become snags, then down woody debris. Ponderosa pine is the preferred leave tree species. However smaller diameter (<16" diameter) quality white fir clumps and individual trees will be left where needed to maintain diversity. Where possible, live trees will be left adjacent to snags. This will provide shade to enhance adequate moisture content more suitable for orthopods.

Approximately fifteen percent (approximately 45 acres) of the 310 sale acres will be group selection. Older, decadent, diseased, dying, understocked areas will be chosen. These small openings within the stands as well as the ground disturbance will provide opportunity for some ponderosa pine regeneration throughout the stands. In addition, many of the openings created by removing clumps of white fir will be planted with ponderosa pine.

Aspen groves will have some of the encroaching conifers removed from their perimeters. Some of the aspen will be cut to encourage sprouting

Soil compaction on the sale area will be managed in the following manner. Skid trails will be designated and approved by the state. Pre-existing skid trails will be used whenever possible. Yarding will be suspended during periods of high soil moisture. Ground operations will be suspended during the wet season, normally from about October 1 through June 30. In addition, a seasonal harvest restriction from May1 to June 30 will be in place for grouse and other ground nesting birds.

V. ESTIMATED TIMBER AND REVENUE OUTPUTS:

Table 3. Timber and Revenue

Ownership		Sale Type	
BOF	CSL	Cash	Recovery
%	100%		100%
Planned Quarter:		4	

	Conifer	Hardwood	Total
Net Volume (MBF)	1400	0	1400
Stumpage Value (\$/MBF)	\$125		
Estimated Gross Value	\$175,000		\$175,000
		Project Costs:	\$22,300
		Estimated Net Value:	\$152,700

VI. HARVESTING AND ACCESS CONSIDERATIONS:

A portion of the haul road passes through a residential area. A road use agreement will need to be signed between the successful bidder and the road maintenance association. All other portions of the haul route are either on State ownership or are part of an easement exchange agreement.

Existing roads and skid trails from previous entries are present on the sale area. Because of the gentle terrain and favorable soil characteristics ground based logging equipment will be employed. Existing landings and skid trails shall be utilized when possible.

Table 5. Transportation Management Summary (Miles)

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

VII. AQUATIC RESOURCES AND WATER QUALITY:

There are no water related issues on the sale area.

VIII. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

No Threatened & Endangered species are known to exist in the area.

Approximately ten percent of the area will be left untouched or lightly managed as islands for big game.

A seasonal harvest restriction from May1 to June 30 will be in place for grouse and other ground nesting birds.

The sale area has no known presence of any listed plants. The sale was checked against the Oregon Natural Heritage Program (OHNP) database of known listed plant locations. No listed plant records exist in the database for this sale area.

IX. SLOPE STABILITY AND GEOTECHNICAL ISSUES:

There are no slope stability issues.

X. RECREATION RESOURCES:

Fall hunting is the only known recreational use of this area.

XI. CULTURAL RESOURCES:

Cultural surveys were completed over most of this sale area by the State Museum of Anthropology at University of Oregon during 2001-2002. The surveys revealed a few recorded finds in the form of lithic scatter locations. They also revealed a few isolated finds in the form of a few obsidian flakes and the remnants of biface implements. The isolated finds require no special protection. The recorded sites will have site specific protection by not having active logging activity in these locations.

XII. SCENIC RESOURCES:

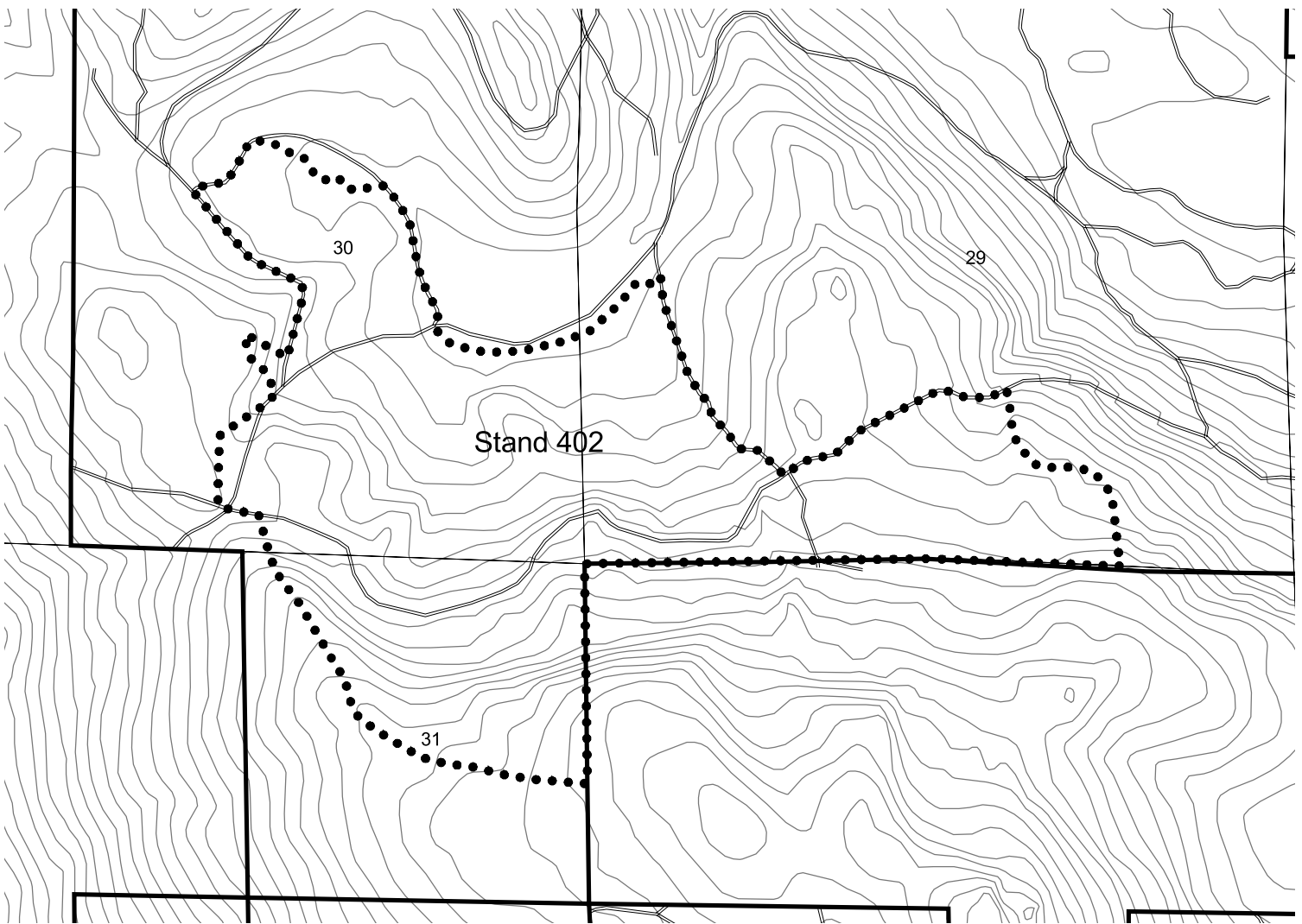
There are no visual concerns in this area.

XIII. OTHER RESOURCE CONSIDERATIONS:

None.

XIV. LAND MANAGEMENT CLASSIFICATION SUMMARY:

The sale area is classified as General Stewardship.



Legend

- Boondoggle Sale Boundary
- ODF Ownership Boundary
- Existing Roads



FY 10
 Klamath-Lake District
 Boondoggle Timber Sale
 T.37S.,R.12E., Sec.29,30,31, W.M.
 Klamath County, Oregon
 Approximately 310 Acres