

Pre-Operations Report

✧ **Land Exchange** - The area is soon to be acquired from Longview Fibre. The sale is part of the timber reserve sales for the Washington County/Longview Fibre/ODF land exchange.

Operation Name: CC Rider
County: Washington
Management Basin: Wheeler
Legal Description: Sec. 30, T03N, R05W, W.M.

Table 1. Operation Areas, Types and Acres

Area	Type of Operation	Gross Acres	Net Acres
I	Modified Clearcut	67	53
II	Modified Clearcut	9	9
Total	Regeneration Harvest	76	62

I. PHYSICAL DESCRIPTION OF OPERATION AREA:

Slopes have a NE aspect and range from 10% to 35%. Elevations range from 1100 to 1200 feet. The major soil type is Pinochle. The sale areas occupy the mid-slope and lower slopes.

The sale areas are within the Lousignont Creek / Upper Nehalem SAH Basin.

The landforms of Area I are gentle slopes along both sides of Carlson Creek. The landform of Area II is very gentle slope above the Nehalem River near the very broad divide with Carlson Creek. The underlying rock is sedimentary rock of the Nestucca Formation gray mudstone with sandstone interbeds.

II. CURRENT STAND CONDITION:

The sale areas were not a part of a large fire.

The stands in the sale areas were not classified in the Current Condition Map that appears in the Forest Grove District Implementation Plan (*March 2003*). The current condition of the sale area was determined to be UDS from field observation.

The stand is composed almost entirely of Douglas-fir and contains an insignificant amount of *Phellinus weirii*.

The understory in all sale areas is comprised primarily of vine maple, sword fern and salal.

There is a small amount of snags in various states of decay throughout the sale.

The amount of down woody debris is unknown at this time. SLI plots will be taken before this sale is prepared for auction.

Table 2. Stand Inventory Information

Area	Prescription	Stand ID ¹	Species	Age	DBH	BA	TPA	SDI	Net Acres ²
I	MC ³	8329	DF	57	16	210	149	53	53
II	MC	7481	DF	57	17	213	132	52	9

¹ The source of stand inventory information is from SLI expanded data 10/6/2004.

² The acres are based on GIS and exclude existing and planned roads, stream buffers, and green tree retention areas.

³ MC is Modified Clearcut.

III. DESIRED STAND CONDITION:

The harvest operation will develop these stands into REG structure in the short term. When the parcel is acquired, the Forest Grove District's landscape design for the desired future condition (DFC) will be GEN.

The sale areas will be planted with a mix of conifer species.

Table 3. Stand Structure Information

Area	Stand ID	Current	Post Harvest ¹	Desired Future	Net Acres
I	8329	UDS	REG	GEN	53
II	7481	UDS	REG	GEN	9

¹ The stand is expected to develop into this condition in the five to ten years after this operation is completed, except in REG stands which occur after harvest.

IV. PROPOSED MANAGEMENT PRESCRIPTION:

The prescription is a modified clearcut for both areas.

Douglas-fir will be harvested. All other conifer species will be reserved.

From the retained green trees (approximately 9 per acre), 2 trees per acre shall be topped to create hard snags. Snags shall be distributed throughout the green tree retention and sale areas. Snags shall have a DBH of at least 18 inches, and be at least 60 feet in height.

A variety of methods will be used to achieve green tree retention requirements. There are green tree retention areas totaling 8 acres, stream buffers, and trees scattered across the sale areas. These methods will meet the green tree

requirement in the Forest Management Plan (FMP) and provide snags and DWD to the stand, which are expected to develop through natural processes.

All existing DWD will be reserved in the sale areas. DWD recruitment is expected through mortality, windthrow of residual trees, felled snags, and logging slash.

Existing snags determined not to be a safety hazard will be retained and any felled snags will be left for down wood. Additional snags will be created over time through natural processes.

Following harvest, the sale areas will be reviewed to determine if site preparation is needed. The site will be planted with a mixture of conifers.

V. ESTIMATED TIMBER AND REVENUE INFORMATION:

Table 4. Timber and Revenue

Ownership		Sale Type	
BOF	CSL	Cash	Recovery
%	100%		<input checked="" type="checkbox"/>
Planned Quarter:		1	

	Conifer	Hardwood	Total
Net Volume (MBF)	1,900		1,900
Stumpage Value (\$/MBF)	\$400		
Estimated Gross Value	\$760,000		\$760,000
		Project Costs:	\$0
		Estimated Net Value:	\$760,000

VI. TRANSPORTATION PLANNING AND HARVESTING:

The sale areas are accessed via the Cochran Road and Wheeler Road or Carlson Creek Road. These are currently crushed rock roads.

No road construction or improvement projects are planned. No other road-related projects are planned.

A heliport will be constructed in Area I.

The operation will be 65% cable yarding and 35% ground based yarding.

Table 5. Transportation Planning Summary (Miles).

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0	0
Improve	0	0	0	0

Maintain	0	2.0	0.6	0
Close/Block	0	0	0	0
Vacate	0	0	0	0

For determination of road class either use results of the Harvest and Habitat roads classifications, or if this information is not available then low use roads are spurs, medium use roads are collectors and high use roads are mainlines. Use these same criteria when comparing the total for all AOP sales to the IP plans.

VII. AQUATIC RESOURCES AND WATER QUALITY:

There are no Type F streams within or adjacent to the sale areas. There is one small perennial Type N stream (Carlson Creek) and several seasonal Type N streams within the sale areas. All streams are tributary to the Nehalem River.

Riparian areas along these streams are conifer/hardwood mixed.

Oregon Department of Fish and Wildlife (ODFW) has completed stream surveys for fish presence.

The sale is within the Lousignont/Upper Nehalem River SAH Basin. Stream buffers within harvest unit boundaries will be managed according to Salmon Anchor Habitat (SAH) guidelines. The riparian areas will be reviewed during sale layout for current stand conditions and/or operational constraints for implementing SAH strategies.

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, if needed, in live streams will be conducted between July 1 and August 31. Operations outside of this period will be reviewed with ODFW.

VIII. T&E SPECIES CONSIDERATIONS:

The sale area has been reviewed with the ODF Northwest Oregon Area Biologist (Area Biologist).

Surveys for northern spotted owls were conducted in 2004 due to the presence of potentially suitable spotted owl habitat within and adjacent to the timber sale area. C.C. Rider was surveyed for spotted owls three times in 2004 with no responses, and the second year of survey will be completed in 2005. All surveys were/will be conducted in accordance with USFWS protocol.

Surveys for marbled murrelets are not required, due to the absence of potentially suitable habitat within the sale area. The ODF wildlife biologist for the NW

Oregon Area made the determination that the sale area is non-suitable habitat for marbled murrelets.

The sale area was checked against the Oregon Natural Heritage Program (OHNP) database of known listed plant locations. No listed plant records were identified within the sale area.

IX. SLOPE STABILITY AND GEOTECHNICAL ISSUES:

The initial assessment from the geotechnical specialist is low. The geotechnical specialist may be consulted if concerns arise during sale layout.

The sale areas are within the Lousignont Creek / Upper Nehalem SAH Basin. The most current SAH Strategies will be used at the time of timber sale preparation and contract development. See the Summary Document for more information.

X. RECREATION RESOURCES:

The sale areas are designated as Non-Motorized in the Tillamook State Forest Comprehensive Recreation Plan (1993). The District Recreation Coordinator has reviewed this sale, and requested the construction of a heliport (see section VI).

Reehers Camp is near Area II but will be unaffected by this sale.

XI. CULTURAL RESOURCES:

The sale area was checked against the Tillamook State Forest Cultural Resource Inventory database. No cultural resource records were identified within the sale area. If any significant cultural resources are located during sale preparation, the Public Use Coordinator (ODF Salem Staff) will be consulted regarding potential protection measures.

XII. SCENIC RESOURCES:

The sale areas have a visual classification of Level 3, low sensitivity.

XIII. OTHER RESOURCE CONSIDERATIONS:

Property lines have been true blazed and posted.

All known survey corners and witness trees shall be protected from damage during any operations.

XIV. LAND MANAGEMENT CLASSIFICATION SUMMARY:

Table 6. Land Management Classification Summary. This table summarizes the acres of Focused and Special Stewardship within the operations. Due to

overlapping classifications under the Land Management Classification System, the acres summarized for each operational area in this table may exceed the net or gross acreage of the area. For example, a particular acre can be classified as Focused Stewardship for Aquatic and Riparian Habitat, Recreation, and Scenic resources.

Area	LMCS Subclass	Focused Stewardship	Special Stewardship
I	Aquatic and Riparian Habitat	11	0
	Wildlife Habitat	52	0
II	Aquatic and Riparian Habitat	0	0
	Wildlife Habitat	9	0