

TIMBER HARVEST PLAN
BOOMER – II TIMBER SALE

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SITE EVALUATION

Boomer II - 2018 Timber Sale

Please be aware that this is an evolving document. It will change over time as the sale planning progresses. The effective date of this draft is shown on the first page.

LOCATION AND SUMMARY OF ACTIVITIES

The Boomer II - 2018 Timber Sale is located in Section 19, T. 2 S., R. 7 E. WM about 1 mile by road north of Hwy 26 and the Brightwood community. The sale will harvest approximately 2,051 thousand board feet (MBF) of timber (1,509 MBF Douglas-fir, 209 MBF hemlock, 34 MBF cedar and 299 MBF hardwoods). The harvest will cover approximately 75 acres of the 117 acre property using standard skyline and ground-based logging systems. The harvested area will be replanted with Douglas-fir, western red cedar and western white pine. Western hemlock is expected to seed in naturally. Flatter portions of the area will be loader-piled and the piles may be burned. Steeper areas will be left unpile and unburned.

Net sale proceeds will be deposited in the Forest & Timber Management Fund for future county park and forest operations.

INTRODUCTION

The following section of the report describes the resources present in this area, the expected impacts, and mitigation measures to be taken during harvest operations. This area was evaluated in the 1995 Hoodland Tract Resource Evaluation done by Raedeke and Associates.

SETTING

The 117-acre Boomer harvest area is an upland forest type in the Western Hemlock Vegetation Zone. The entire area is forested with Douglas-fir, western hemlock, red cedar, alder, big leaf maple and cottonwood. This property has a mosaic of ages ranging from 40 to 80 years, which is the result of fire and harvest activity. Elevations range from 1,400 to 2,600 feet. A road built sometime before 1950 accesses this property. The road can be resurfaced with rock from Mt Hood Rock Products which is located just to the west. The cuts and fill slopes along the old road are well vegetated and stable. A BPA power line corridor crosses the southern property boundary and about 5 acres underneath this line is not forested. Spring Creek flows across the southeastern portion of the tract. At the point where it leaves County property it becomes intermittent during dry years. No wetlands were found on the site. There is also a 2 acre rock cliff/talus slope on the northern property line.

The property's highest elevation is in the north and it drops steeply for a short period to a broad, gently sloping flat to the Bonneville Main transmission lines to the south.

The property access comes across the Mount Hood Rock Quarry and BLM lands.

GEOLOGY AND SOILS

The Boomer harvest area faces southwest with some moderately steep slopes ranging up to 70% interspersed with flat benches. The landscape the tract is part of is a product of past volcanic activity and erosion. The flat benches are old stream and fan terraces deposited by water. The soils in the tract are well drained and well suited for tree planting and growing. They include loamy sand soils to cobbly loams of the Aschoff-Brightwood Complex. On the flatter benches, soil depths are as much as 3 feet deep. Slopes within the harvest unit range from 10 to 70%.

VEGETATION

Vine maple, Oregon Hazelnut and Salmonberry are the primary understory of vegetation. In the areas of denser ground cover, huckleberry, Oregon grape and sword fern dominate, with occasional clumps of vine maple present. The area under the BPA lines has a dense cover of scotch broom.

ANIMALS AND FISH

Deer and elk forage on the shrubs and grass found in the open areas of the Brightwood tract. Their trails can be found over the entire area. Other wildlife present include black bear, mountain lion, bob cat and all the smaller mammals and birds typical of the upland forest types of the Pacific Northwest. The forest contains no suitable spotted owl nesting habitat and no owl presence has been detected.

Spring Creek has been surveyed by fisheries biologists with Raedeke and Associates. There is no fish presence anywhere in the sale area.

CULTURAL RESOURCES

The area was surveyed by Raedeke and Associates in 1994 and was found to have a low probability of having significant sites of Native American activity. Some old logging evidence is still visible as stumps and skid trails.

TRANSPORTATION SYSTEM

Logs will be yarded to the existing road or to short spurs that will need to be built by the logger. Gravel and drainage have been added to the existing road to facilitate the log haul. The road will be continuously maintained during log hauling operations. A use agreement is being negotiated with Mt Hood Rock Products to allow access for the

harvest operation during the week. The access road goes by a company scaling station and is blocked by a locked gate on weekends to exclude the public from the hazards associated with quarry operations. Old skid trails will be used again as appropriate.

HARVEST PRESCRIPTION

This sale will harvest about 2,051 thousand board feet from approximately 75 acres. The harvest area has some stands of almost pure alder interspersed with some, maple and conifers. The majority of the harvest unit is denser areas of conifers with scattered hardwoods. Harvested areas will be planted with Douglas-fir, western white pine and western red cedar following the harvest. Western hemlock is expected to seed in naturally from the adjacent standing trees around the unit.

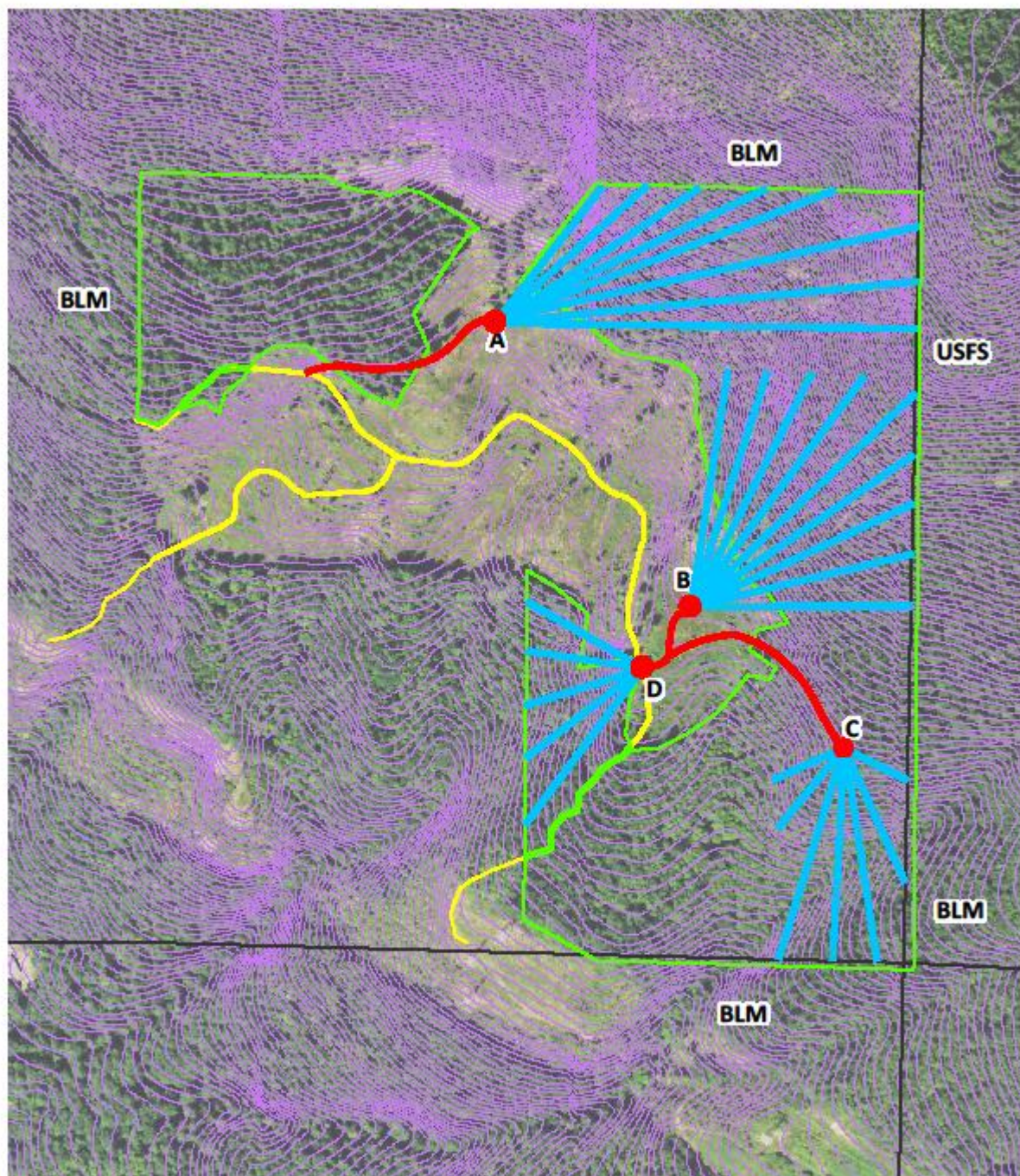
- Clackamas County's Forest & Timber Management Program meets and often times exceeds all Oregon Forest Practice Act rules
- Authorization Notice from Oregon Department of Forestry will be obtained
- Cable and shovel logging methods to be used
- Estimated 6-12 loads of logs average per day. This is dependent on the operator and which part of the unit is being harvested
- 20' buffer has been established along Spring Creek
- Slopes greater than 90% will not be logged
- Logging hours will be specific to the hours the rock quarry works 6:30 - 4:30
- Harvest is estimated to begin in January 2019 and end by June 30th

RECREATION POTENTIAL AND VIEWSHED

Recreation potential is poor as there is no public access through Mt Hood Rock Products. For traffic traveling east on US highway 26, a small portion of the tract is visible for a few seconds from the scaling station, but only in a distant background type of view.

PUBLIC INVOLVMENT

A public tour and public meeting are planned in October.



Clackamas County Forestry: Boomer II Proposed Harvest Plan

UNIT BOUNDARY
 SECTION
 10 FOOT CONTOUR
 ROADS

PROPOSED SPUR ROADS



MAP SCALE: 1" = 100' (30.48m)
 MAP DATE: 8/22/2018
 MAP BY: [illegible]

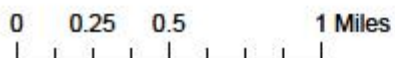
0 250 500 1,000 Feet

Forest planning: Clackamas County Forest, 2018
 Prepared by: Samantha Webb, Clackamas County Forestry, August 22, 2018
 Data source: Clackamas County GIS, Clackamas County Forest 2018
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BRIGHTWOOD EAST: VICINITY MAP 2018

HARVEST AREAS



Forest planning: Clackamas County Forest, 2018
 Prepared by: Samantha Wolf, Clackamas County Forestry, Oct. 16, 2018
 Data source: Clackamas County GIS, Clackamas County Forest 2018
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