



January 7, 2025

Board of Natural Resources

Timber Sales Fact Sheets



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

DRIFTWOOD DELIGHT TIMBER SALE

Region: **Olympic**

County: **Clallam**

District: **Coast**

Unit: **Ozette**

Planned BNR meeting: **January 2025**

Planned auction date: **02/26/2025**

FPA Classification: **III**

Status of timber sale: FPA approved 10/25, SEPA FPA signed 12/27

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	57	VRH	Post 1960	Biomass accumulation/Stem Exclusion
2	62	VRH	Post 1960	Biomass accumulation/Stem Exclusion & Maturation I
3	59	VRH	Post 1960	Maturation I

DESCRIPTION OF SALE

This proposal is comprised of homogenous second growth regenerated after being logged. The oldest trees found cored to approximately 64 years old. Unit 1 and the northeast corner of Unit 2 are in Biomass Accumulation/ stem exclusion. Understory in these Units is scant. The remainder of Unit 2 and all of Unit 3 are in early Maturation I due to the understory of young western hemlock seedlings. Stand development in Units 2 and 3 may have been accelerated by thinnings done in the last 10 to 15 years. All Units have cut stumps present throughout. The dominant cohort is western hemlock. Mature trees have branch stubs or scars visible low on the boles, and epicormic branching was wholly absent. Downed wood is limited to small poles that were outcompeted and debris left from past logging operations. Snags are rare and appear to have succumbed to windthrow or disease.

SILVICULTURAL PRESCRIPTION

The Driftwood Delight Timber Sale will be replanted following harvest with Western Hemlock and Douglas-fir targeting a density of 400 trees per acre.

Product Sales and Leasing Division

General Location



Sale Specifics

HCP Planning Unit: **OESF**
Management Block: **Clallam River**
Sale Type: **Lump Sum**
Volume: **4,699 mbf**
Appraisal: **\$535,000**

Trust Distribution



Conservation Facts

Original planned acres: **259**
Final harvest acres: **178**
Conservation and leave tree acres: **75**
Percent conservation and leave tree acres: **29%**

Notable Protected Features

Riparian Areas, Wetlands, Forest Practices Rule Identified Landforms

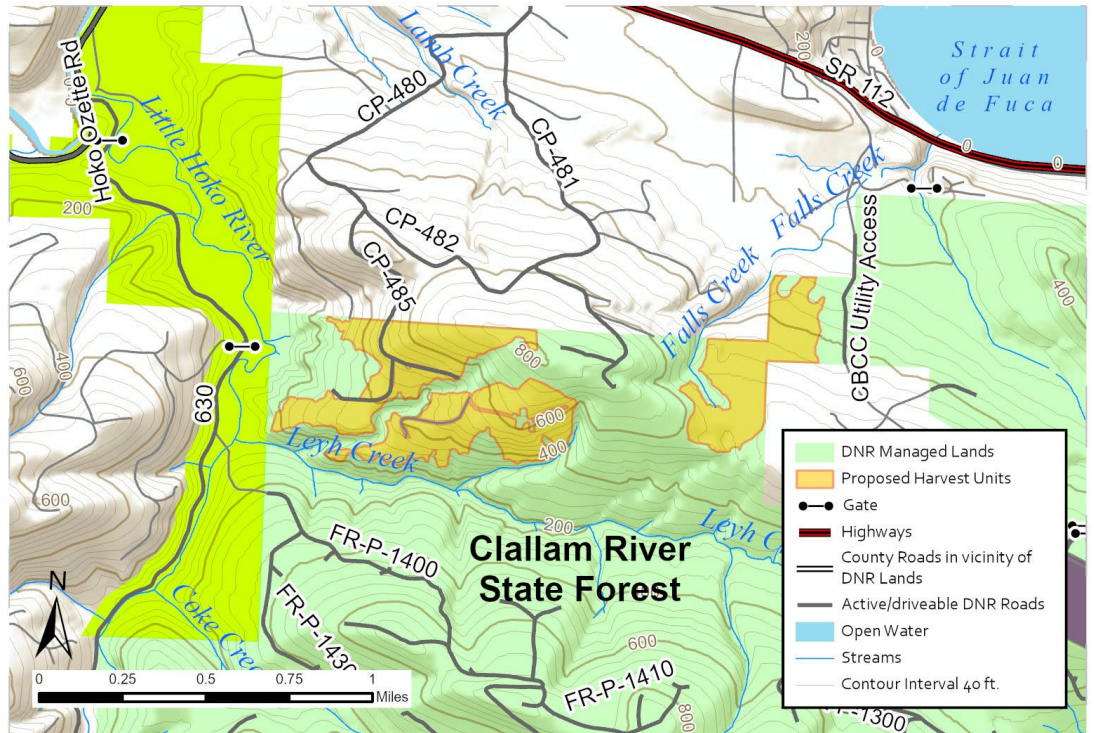
Certifications

Sustainable Forestry Initiative

OLD GROWTH ASSESSMENT

Review of the Driftwood Delight Timber Sale revealed one moderate WOGHI point in the vicinity of Unit 2: Although the WOGHI point itself is not within the planned sale boundary, the 526' assessment zone surrounding the point overlaps with the boundary and an evaluation was required. Commercial thinning has been completed in several areas of the harvest proposal within the last 15 years. Stands are currently in the biomass accumulation/stem exclusion phase or maturation I. No large, old trees or other stand characteristics indicative of old growth were observed within the sale boundaries.

LANDSCAPE VIEW



Unit 1



Unit 2



Unit 3

ESTIMATED TRUST 01 REVENUE BREAKDOWN*

State Forest Transfer to Tax Code Area 301**

Taxing District	Distribution
Clallam County Roads	\$5,135
Cape Flattery School District Enrichment	\$10,287
Cape Flattery School District Enrichment	\$6,804
Port of Port Angeles	\$729
State 1	\$9,951
State 2	\$5,338
Conservation Futures	\$118
Clallam County General	\$5,086
North Olympic Library	\$1,937
Hospital District #1 General	\$2,628
Hospital District #1 EMS	\$1,580
Totals:	\$49,593***

State Forest Transfer to Tax Code Area 302**

Taxing District	Distribution
Clallam County Roads	\$34,278
Cape Flattery School District Enrichment	\$68,667
Cape Flattery School District Enrichment	\$45,422
Port of Port Angeles	\$4,867
State 1	\$66,424
State 2	\$35,634
Conservation Futures	\$785
Clallam County General	\$33,953
Fire District #5	\$20,606
North Olympic Library	\$12,931
Hospital District #1 General	\$17,545
Hospital District #1 EMS	\$10,544
Totals:	\$351,657***

*Based on appraisal

**Based on 2024 tax rates

***Trust 02 Revenue Distribution: DNR (25%), Clallam County (75%)



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

DOCK PEPPER TIMBER SALE

Region: **Olympic**

County: **Clallam**

District: **Straits**

Unit: **North Crescent**

Planned BNR meeting: **January 2025**

Planned auction date: **February 26, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 10/27, SEPA NFD signed 12/30

HARVEST UNIT DETAILS

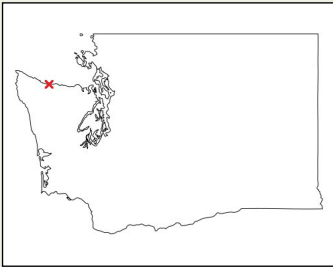
Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	18	VRH	Post 1970	Biomass accumulation/stem exclusion
2	42	VRH	Post 1970	Biomass accumulation/stem exclusion
3	16	VRH	Post 1970	Biomass accumulation/stem exclusion
4	<1	VDT	Post 1980	Biomass accumulation/stem exclusion
5	2	VDT	Post 1980	Biomass accumulation/stem exclusion
6	<1	VDT	Post 1980	Biomass accumulation/stem exclusion
7	<1	VDT	Post 1980	Biomass accumulation/stem exclusion
8	2	VDT	Post 1980	Biomass accumulation/stem exclusion

DESCRIPTION OF SALE

The Dock Pepper timber sale is located in Clallam County approximately 22 miles west of Port Angeles off of the PA-S-2500 road system. It encompasses approximately 192 gross acres with a cruised volume of 1,696 MBF. This sale consists of three variable retention harvest units and five variable density thinning units: all of which are located in the Twin Rivers-Deep Creek WAU. Within the proposal area, there are 37.4 acres of riparian management zone and unstable slopes protections, 34.9 acres of forested wetland, 31.2 acres of wetland management zone, 2.8 acres of area designated as Leave Tree Areas (LTAs), and 3.3 acres of pre-existing road. Overall, the net harvest acreage is 82.4 acres. Approximately 430 feet of new road construction and 41,790 feet of road pre-haul maintenance have been proposed to meet access needs to the sale area. The designated rock sources will be Place Pit, Sirloin Pit, and/or commercial sources.

Product Sales and Leasing Division

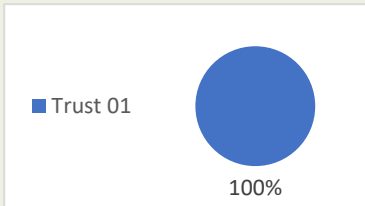
General Location



Sale Specifics

HCP Planning Unit: **Straits**
Management Block: **North Crescent**
Sale Type: **Lump Sum**
Volume: **1,696 MBF**
Appraisal: **\$413,000**

Trust Distribution



Conservation Facts

Original planned acres: **192**
Final harvest acres: **83**
Conservation and Leave tree acres: **106**
Percent conservation and leave tree acres: **55%**

Notable Protected Features

Riparian areas, Forested wetlands, FP Rule-Identified Landforms

Certifications

Sustainable Forestry Initiative



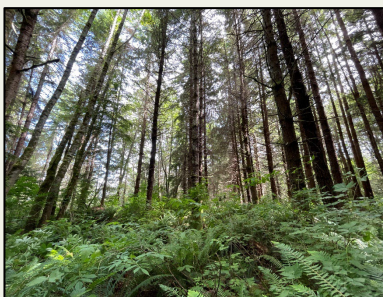
Unit 1



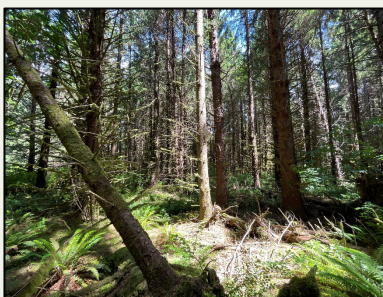
Unit 2 (1)



Unit 2 (2)



Unit 3



Unit 4

OLD GROWTH ASSESSMENT

An Old Growth Assessment was triggered due to the presence of a high-probability WOGHI hit within Unit 2 of the proposed sale area. Based on the assessment, this stand does not meet the criteria for deferral per the DNR's Habitat Conservation Plan. Second-growth Douglas-fir, Western hemlock, Western redcedar, and Sitka spruce dominate the site. Remnant stumps are visible across the sale area, indicating a history of logging in the area. Cored trees from the dominant cohort place the stand at around 60 years of age.

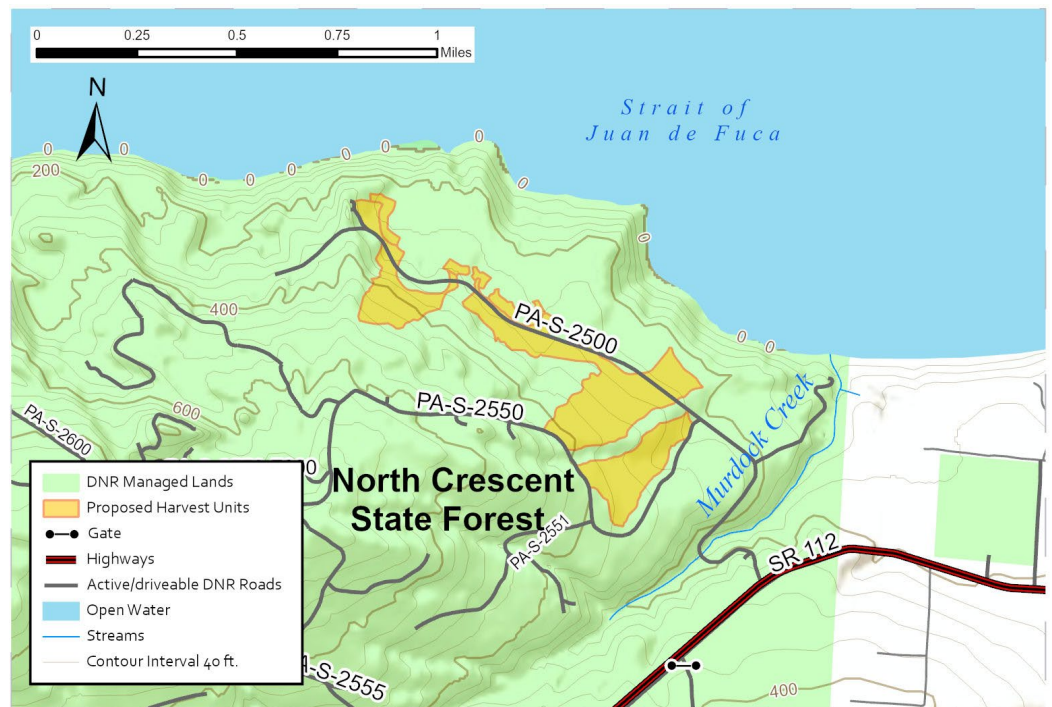
SILVICULTURAL PRESCRIPTION

The desired stocking and stand composition will target a mixture of Douglas-fir, Western redcedar and Sitka spruce at a density of 400 trees per acre.

GEOLOGY

A remote and field review of the site was conducted by a licensed State Lands Geologist; inner gorges and deep-seated landslides displaying combined signs of slope instability have all been excluded from the proposed sale area. A 200 management buffer was applied to the head scarps of active bedrock deep-seated landslides (DSL). No harvest will occur within 100 feet of active DSL head scarps. No Variable Retention Harvest (VRH) will occur within 200 feet of active DSL head scarps. All features with a moderate to high-risk of failure and delivery to a public resource have been excluded from harvest.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

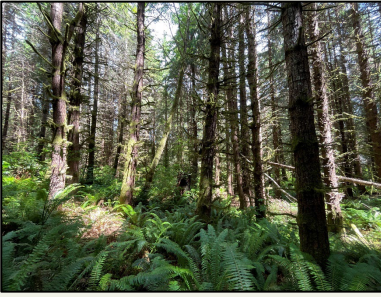
State Forest Transfer to Tax Code Area 153**

Taxing District	Distribution
Clallam County Roads	\$ 36,213
Crescent School District Enrichment	\$ 38,005
Crescent School District CP/Bond	\$ 8,869
Port of Port Angeles	\$ 5,142
State 1	\$ 70,174
State 2	\$ 37,645
Conservation Futures	\$ 829
Clallam County General	\$ 35,870
Fire District #4	\$ 48,561
North Olympic Library	\$ 13,661
Hospital District #2	\$ 14,781
Totals:	\$ 309,750***

*Based on appraisal

**Based on 2024 tax rates

***Trust 01 Revenue Distribution: DNR (25%), Clallam County (75%)



Unit 5



Unit 6



Unit 7



Unit 8



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

WOOLLY MAMMOTH SORTS TIMBER SALE

Region: **Pacific Cascade**

County: **Cowlitz**

District: **St. Helens**

Unit: **Green Mountain**

Planned BNR meeting: **January 2025**

Planned auction date: **February 27, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 10/28, SEPA NFD signed on 10/29

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	69	VRH	1991 1983	Biomass accumulation/ stem exclusion.
2	21	VRH	1983	Biomass accumulation/ stem exclusion.
3	17	VRH	1991	Biomass accumulation/ stem exclusion.
4	10	VRH	1983	Biomass accumulation/ stem exclusion.
5	4	VRH	1991	Biomass accumulation/ stem exclusion.
6	3	VRH	1991	Biomass accumulation/ stem exclusion.

DESCRIPTION OF SALE

Woolly Mammoth Sorts is a six-unit sale in the Green Mtn. Unit. All six units are variable retention harvest units. This proposal will utilize both ground and cable harvesting methods. Approximately 2409 MBF will be harvested with this proposal.

FRIS estimates the origin date of this stand to be 1983 and 1991, which coincides with the stand characteristics witnessed on site. This stand was logged as is evidence by the multiple stumps witnessed and the age/stand characteristics present. Woolly Mammoth is predominantly Douglas-fir with some scattered western hemlock and pockets of red alder and bigleaf maple along streams and in draws. There are also pockets of root rot scattered throughout the stand that are either void of trees or growing in with red alder. There were 11 large trees mostly western redcedar and big leaf maple located on the southern property line of Unit 1. These trees are

Product Sales and Leasing Division

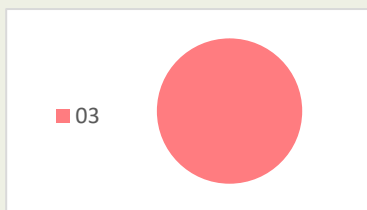
General Location



Sale Specifics

HCP Planning Unit: **Columbia**
Management Block: **Wild Horse**
Sale Type: **Sort**
Volume: **2409 mbf**
Appraisal: **\$506,753**

Trust Distribution



Conservation Facts

Original planned acres: **211**
Final harvest acres: **124**
Long-term forest cover acres: **77**
Percent contributed to long-term forest cover: **36%**

Notable Protected Features

Streams, FP rule-identified landforms.

Certifications

Sustainable Forestry Initiative



Younger origin of Unit 1.



Root Rot Pocket in Unit 1.



Large Cedar Leaf Tree on the property line of Unit 1.



Unit 2 looking down into a draw filled with red alder. Most draws and streams throughout the proposal look very similar showing the Biomass Accumulation / Stem Exclusion Stage.

approximately 120+ years old but were not verified as they could not be cored. They were likely left from the last harvest due to a difference in the survey of the property line. These older trees have been left as leave trees.

Using the Key to Stand Development Stages in the DNR publication, Identifying Mature and Old Forests in Western Washington, by Bob Van Pelt, (pg. 46 and 47) this area keys out as a single cohort stand in Biomass accumulation/stem exclusion stage of development. This stand was harvested 33 to 41 years ago as is evidenced by DNR records from the last entry.

OLD GROWTH ASSESSMENT

No old growth assessment was done or needed.

UNIQUE SALES CHARACTERISTICS

A few large structurally unique trees were protected in Unit 1 as leave trees.

CONSERVATION AREAS

A total of 77 acres have been set aside from the proposal area, of the 77 acres 51 acres are Riparian Management areas and 26 acres are in leave tree areas.

SILVICULTURAL PRESCRIPTION

Replant with Douglas-fir and western hemlock at 350 and 50 trees per acre, respectively.

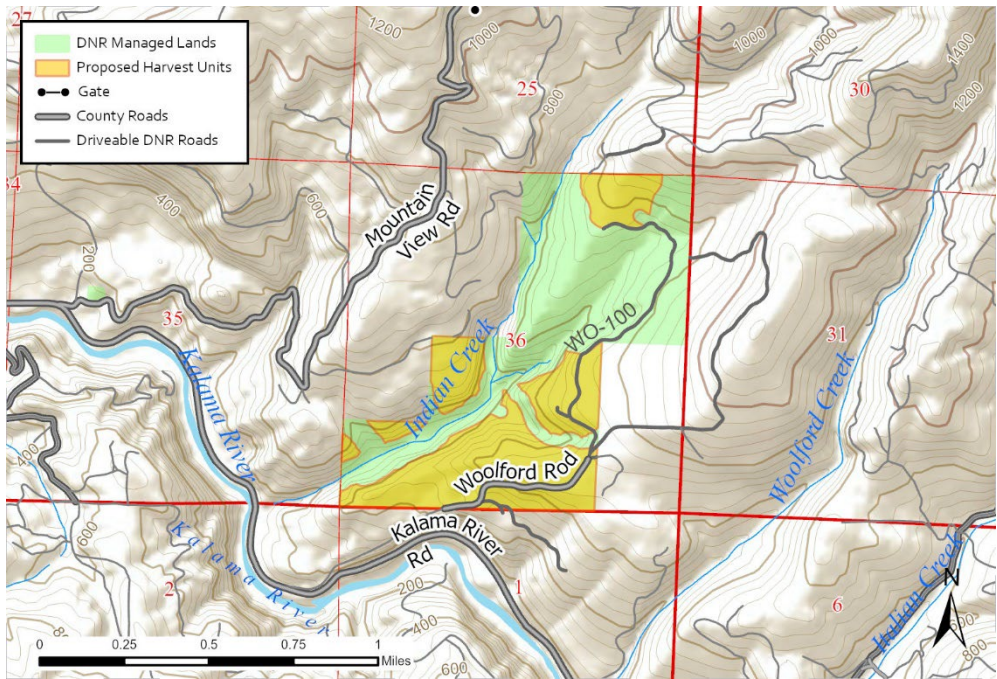
GEOLOGY

14.2 acres of unstable features were located by foresters trained in unstable slopes and were removed from the harvest with riparian management zones and Leave Tree Areas. The sale was visited by a state lands geologist.

LANDSCAPE VIEW



Typical look of all units showing definite Biomass Accumulation / Stem Exclusion Stage. Located U3.





HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

BREWED AWAKENING VRH & RMZ THIN TIMBER SALE

Region: South Puget Sound **County:** King

District: Rainier **Unit:** Snoqualmie

Planned BNR meeting: January 2025

Planned auction date: March 25, 2025

FPA Classification: IV Special

Proposal overlaps groundwater recharge areas to dormant-indistinct to relict glacial deep-seated landslides.

Status of timber sale: FPA approved 11/28/24, SEPA NFD signed 11/22/24

HARVEST UNIT DETAILS

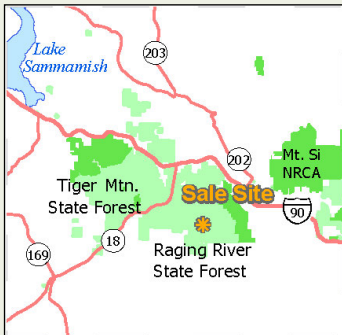
Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	8	VRH	1980	Biomass accumulation/stem exclusion
2	10	VRH	1980	
3	81	VRH	1980	
4	2	VRH	1980	
5	11	VRH	1980	
6	31	VRH	Late 1970s	
7	2	RMZ Thin	1980	
8	6	RMZ Thin	1980	
9	9	RMZ Thin	1980	
10	9	RMZ Thin	1980	
11	15	RMZ Thin	1980	
12	3	RMZ Thin	1980	
13	2	RMZ Thin	1980	
14	4	RMZ Thin	Late 1970s	

DESCRIPTION OF SALE

This sale includes 6 variable retention harvest units and 8 RMZ thinning units in the Raging River State Forest. These units are dense third-growth stands primarily established in the 1970s and 1980s. The units consist of

Product Sales and Leasing Division

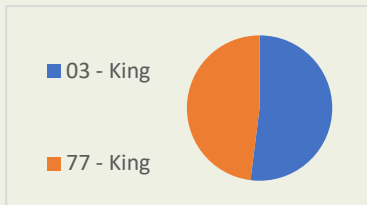
General Location



Sale Specifics

HCP Planning Unit: **North Puget**
Management Block: **Raging River**
Sale Type: **Tonnage scale**
Volume: **4,510 mbf**
Appraisal: **\$1,203,000**

Trust Distribution



Conservation Facts

Original planned acres: **301**
Final harvest acres: **193**
Conserved and leave tree acres:
101 + 50 RMZ thin acres
Percent conserved and leave tree acres: **34%**

Notable Protected Features

Streams, wetlands, hydrologic maturity, potentially unstable slopes, cultural resources

Certifications

Sustainable Forestry Initiative



Unit 4 (VRH)



Unit 9 (RMZ Thin)



Unit 11 (RMZ Thin)



Unit 12 (RMZ Thin)

predominantly Douglas-fir (DF) with a minor component of western hemlock (WH), western redcedar (RC), red alder (RA), black cottonwood (BC), bigleaf maple (MA), and sitka spruce (SS). There is minimal presence of shade-tolerant tree species within the lower or mid-canopy, which are advanced only in pockets of disturbance caused by root rot. The ground cover consists mostly of sword fern, Pacific bleeding heart, salmonberry, lily of the valley, and Oregon grape. Many of the RMZs associated with this proposal will be thinned according to the Riparian Forest Restoration Strategy to accelerate desired future condition of large conifer, vertical and horizontal diversification, and recruitment of structure for habitat. The sale average DBH is 14.2" for DF, 11.5" for WH, 12.2" for RA, 18.6" for BC and 20.0" for RC.

UNIQUE SALES CHARACTERISTICS

This proposal is within the rain-on-snow zone of the Raging River sub-basins #7 and #10. Following this proposal, both sub-basins will remain above the 2/3 threshold of hydrologically mature stands within the DNR managed rain-on-snow/snow-dominated zones.

CONSERVATION AREAS

Leave trees in the VRH units were left at a rate of 8-10 trees per acre, selected in compliance with DNR's leave tree procedure while prioritizing retaining the largest trees, a diversity of species for a legacy component and to maintain forest health, and to provide additional protection for potentially unstable slopes.

RMZ Thinning prescription includes retaining the dominant and co-dominant trees of a variety of species. Following harvest the trees per acre will range from 100-155 and relative density will be 37 or higher. As part of the structure creation component to improve habitat in the riparian areas, trees are marked to be felled for down woody debris in the RMZ thin units.

A DNR archaeologist reviewed this sale. Design of the sale boundary avoids nearby cultural resources.

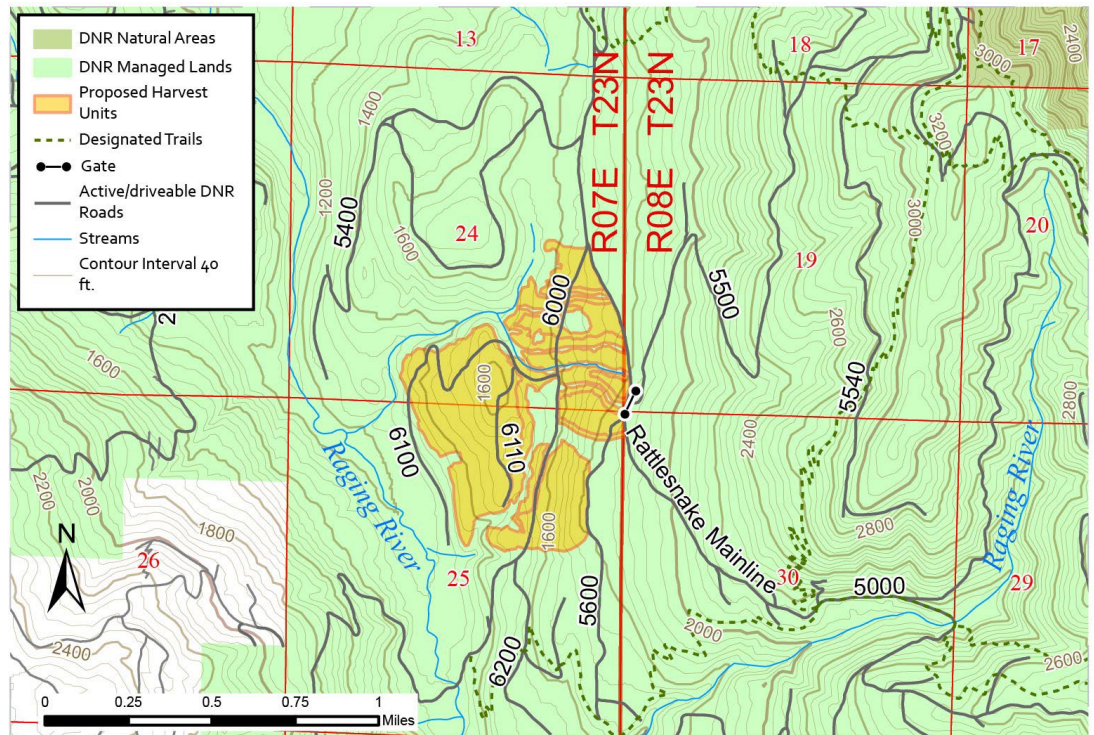
SILVICULTURAL PRESCRIPTION

The VRH units will be planted with species and at a stocking level that considers specific site conditions. Douglas-fir will be planted at a rate of 270 trees per acre and western redcedar at a rate of 165 trees per acre. Natural regeneration from conservation areas within and adjacent to the VRH units is expected to supplement the plantings.

GEOLOGY

The sale was field assessed by a licensed engineering geologist and qualified expert who completed an Engineering Geologic Risk Assessment. Sale design incorporates recommendations by the geologist by excluding landslide bodies and head scarps, inner gorges and Category E shallow landslides. Leave tree areas were marked in areas to provide additional protection to landslide head scarps. A portion of Unit 3 is within the groundwater recharge areas to dormant-indistinct to relict glacial deep-seated landslides.

LANDSCAPE VIEW



ESTIMATED TRUST 77 REVENUE BREAKDOWN*

Trust 77 for King County TCA 4890**

Taxing District	Distribution
State School Fund (1 & 2)	\$112,186
King County services (veterans, health, parks, transportation, conservation)	\$59,621
Port of Seattle	\$4,666
Roads Fund	\$63,811
Tahoma School District (#409)	\$170,283
King County Library System	\$12,867
EMS (unincorporated)	\$10,106
King County Flood Zone	\$3,149
Totals:	\$436,689***

*Based on appraisal
 **2024 tax rates
 ***Trust 77 Revenue Distribution:
 DNR (25%), King County (75%)



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

GEODE TIMBER SALE

Region: Pacific Cascade

County: Skamania

District: Yacolt

Unit: Three Corner Rock

Planned BNR meeting: January 2025

Planned auction date: February 27, 2025

FPA Classification: III

Status of timber sale: FPA approved on 11/26, SEPA NFD signed 12/19

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	70	VRH	1960, 1974	Biomass accum/stem exclusion
2	17	VRH	1969	Biomass accum/stem exclusion
3	5	ROW	1970	Biomass accum/stem exclusion
4	1	ROW	1945	Maturation 1

DESCRIPTION OF SALE

All units within the sale area are even-aged stands ranging from 54-79 years old. Stands are composed of Douglas-fir with smaller components of western hemlock, red alder and Western redcedar near riparian management zones. Average DBH of Douglas-fir, the most common tree species, is approximately 17 inches. The understory is primarily salal, sword fern, Oregon grape, vine maple, devils club and salmonberry.

Leave trees were selected to protect areas adjacent to riparian management zones, potentially unstable slopes, or because trees were structurally unique compared to the rest of the stand.

There is downed wood throughout the sale area and most dead down wood is from the primary, existing cohort. The minor component of larger down wood can be attributed to the Yacolt Burn wildfire.

STAND CHARACTERISTICS

Original RS-FRIS estimates the origin date of Unit 1 to be 1960 and 1974, Unit 2 has an original RS-FRIS origin date of 1969, Unit 3 has an original FRIS date of 1970 and Unit 4 has an original FRIS origin date of 1945 which coincides with the stand characteristics witnessed on site. These stands were salvaged logged in the 1940's following the Yacolt Burn wildfire.

Product Sales and Leasing Division

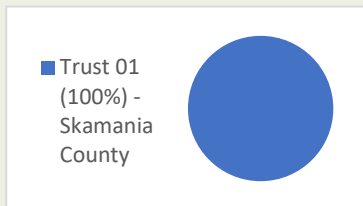
General Location



Sale Specifics

HCP Planning Unit: **Columbia**
Management Block: **Washougal**
Sale Type: **Lump Sum**
Volume: **3,563 mbf**
Appraisal: **\$786,000**

Trust Distribution



Conservation Facts

Original planned acres: **172**
Final harvest acres: **93**
Conservation and leave tree acres: **79**
Percent contributed to long-term forest cover: **46%**

Notable Protected Features

Streams, FP rule-identified landforms

Certifications

Sustainable Forestry Initiative



Understory composed primarily of vine maple, salal and sword fern (Unit 1).



Structurally unique tree found within Unit 1 that was utilized as a leaf tree.



Understory composed primarily of vine maple and sword fern (Unit 2).



Overstory composed of larger Douglas fir (Unit 2).

Using the Key to Stand Development Stages in the DNR publication Identifying Mature and Old Forests in Western Washington, by Bob Van Pelt, (pg 46 and 47); Units 1, 2, and 3 key out as biomass accumulation/stem exclusion stage of development due to a lack of shade tolerant tree species present in the understory. Unit 4 keys out as Maturation 1 due to an minor component of shade tolerant trees that are approximately 6-8' tall.

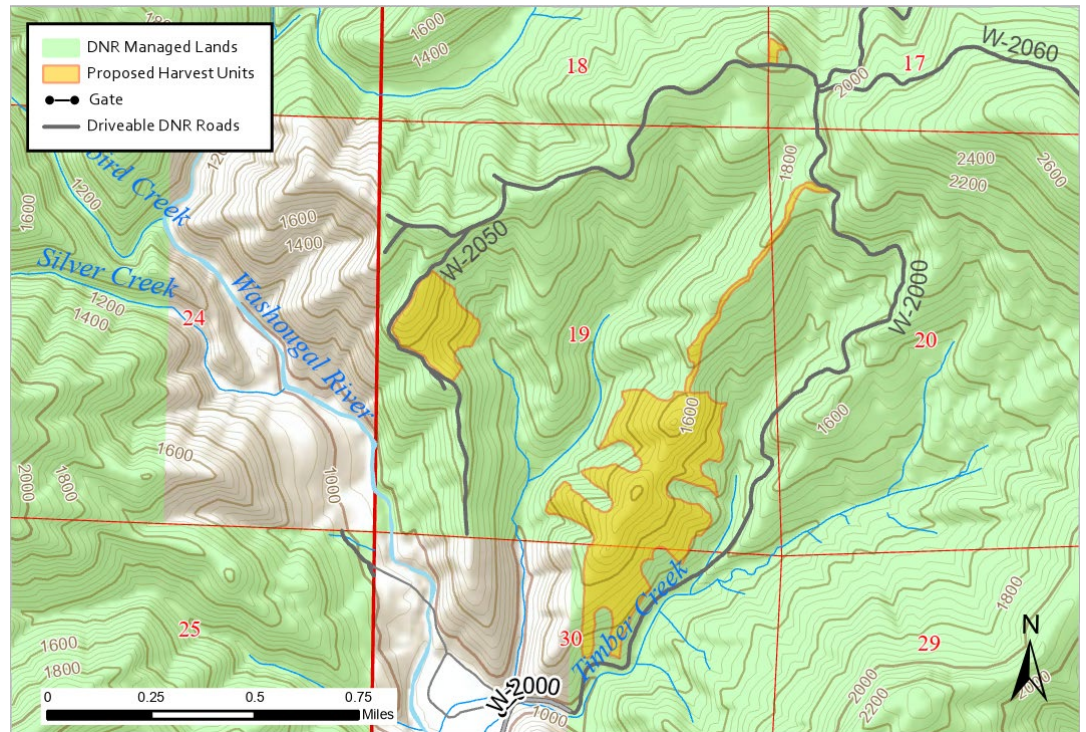
SILVICULTURAL PRESCRIPTION

Replant Unit 1 and 2 with 300 Douglas-fir trees per acre, 25 western hemlock and 25 western redcedar per acre. Minor amounts of root disease were noted in the northern portion of Unit 1.

GEOLOGY

Potentially unstable slopes were identified in Unit 1 and 2 and were buffered by a minimum of 40 feet (one tree crown width) and excluded from the sale utilizing White "Timber Sale Boundary" tags with pink flagging. The excluded area totaled approximately 6.3 acres.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Taxing District	Total to Fund
Skamania County	\$589,500**

*Based on appraisal
 **Trust 01 Revenue Distribution: DNR (25%), Skamania County (75%)



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

MATADOR TIMBER SALE

Region: **South Puget Sound** County: **Thurston**

District: **Black Hills** Unit: **Delphi**

Planned BNR meeting: **January 2025**

Planned auction date: **March 25, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved 11/27/24; SEPA NFD signed 11/22/24

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	59	VRH	Post-1900s to 1950s	Biomass Accumulation/Stem Exclusion
2	82	VRH	Post-1880s to 1910s	Maturation II
3	0.6	ROW	Post-1900s	Biomass Accumulation/Stem Exclusion

DESCRIPTION OF SALE

This sale includes a 2-unit variable retention harvest (VRH) with one unit of associated right-of-way (ROW) in the Capitol State Forest. Unit 1 is a two-cohort stand with the southern portion of the unit primarily established between the early 1900s through the decade of 1910. The origin of the northern portion of the unit ranges from late 1920s to late 1950s. This unit is comprised predominantly of Douglas-fir with a small hardwood component. Field sampling and assessment identified the origin date of Unit 2 to be primarily between the 1880s and decade of 1910. This unit is largely dominated by Douglas-fir, but also contains a large hardwood stand in the eastern and northern portion of the unit. Tree diameters vary and correlate with the stand ages and soil type, with larger diameter trees lower on the slope near the riparian area in the southern portion of the unit and smaller, suppressed Douglas-fir in the younger northern portion of the unit, which is also on the mid and upper slopes. Both units exhibit extensive root rot throughout the units. The understory species consists primarily of sword fern, salal, and vine maple. The sale average DBH is 21.0" for Douglas-fir, 15.0" for western hemlock, 16.1" for western redcedar, 18.1" for bigleaf maple, and 16.5" for red alder.

Product Sales and Leasing Division

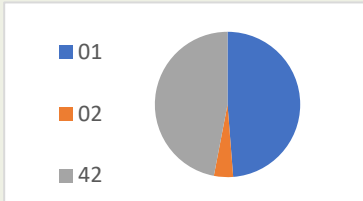
General Location



Sale Specifics

HCP Planning Unit: **South Puget**
 Management Block: **Capitol**
 Sale Type: **Lump Sum**
 Volume: **7,288 mbf**
 Appraisal: **\$2,964,000**

Trust Distribution



Conservation Facts

Original planned acres: **169**
 Final harvest acres: **142**
 Conserved & leave tree acres: **23**
 Percent conserved & leave tree acres: **14%**

Notable Protected Features

Streams, potentially unstable slopes, structurally unique trees, cultural resources

Certifications

Sustainable Forestry Initiative
 Forest Stewardship Council

Roadwork associated with this sale consists of forest road construction, maintenance, and abandonment.

OLD GROWTH ASSESSMENT

There are two moderate Weighted Old-Growth Habitat Index (WOGHI) points identified during the pre-screening of this sale: one is located in the RMZ south of Unit 1 and the other is in the western portion of Unit 2. Both of these points, as well as other nearby areas, were assessed by an old-growth specialist. Stand history in this area consisted of early logging in the late 19th century and early 20th century followed by a fire. The current stand established after this post-logging fire. Individual trees at these points do not display evidence of being remnant old-growth. These areas do not meet the criteria for old-growth or deferral under DNR's old-growth policy.



Unit 1: remnant snag



Unit 1 DF with hardwoods



Unit 2 DF overstory with WH understory in light gaps

UNIQUE SALES CHARACTERISTICS

Forest health is a significant factor in the current and future stand in both Units 1 and 2. Silviculture specialists assessed each unit and found pockets of *Armillaria* throughout Unit 1 and *Phellinus weirii* extensively throughout Unit 2. Resulting mortality is visible in some areas, but not as evident in other areas due to impacts to the suppressed and codominant trees.

Harvest and associated road activities near utilities, such as BPA transmission lines and a natural gas pipeline include safety measures and coordination with utility companies.

CONSERVATION AREAS

Leave trees were selected in compliance with DNR's leave tree procedure while prioritizing retaining the largest, structurally unique trees, particularly those from the older cohorts, a diversity of species for a legacy component and to maintain forest health, and to retain areas that include existing stand structure. One structurally unique tree must be cut for road construction, but is marked to be left onsite. All trees 60" DBH or greater are excluded from harvest. Riparian buffers consist of the same species composition and larger diameters than most of the upland harvest units.

GENERAL SILVICULTURAL PRESCRIPTION

Silviculture prescriptions for planting with consideration of existing forest health issues, both to mitigate the spread of and to establish a new stand less susceptible to existing root rot. The root rot pockets in Unit 1 will be planted with a mix of western redcedar at a rate of 200 trees per acre (tpa) with Douglas-fir at a rate of 160 tpa and areas outside the root rot pockets



Unit 2 point with size and species distribution

with 360 tpa of Douglas-fir. Unit 2 will be planted with western redcedar at a rate of 540 tpa.

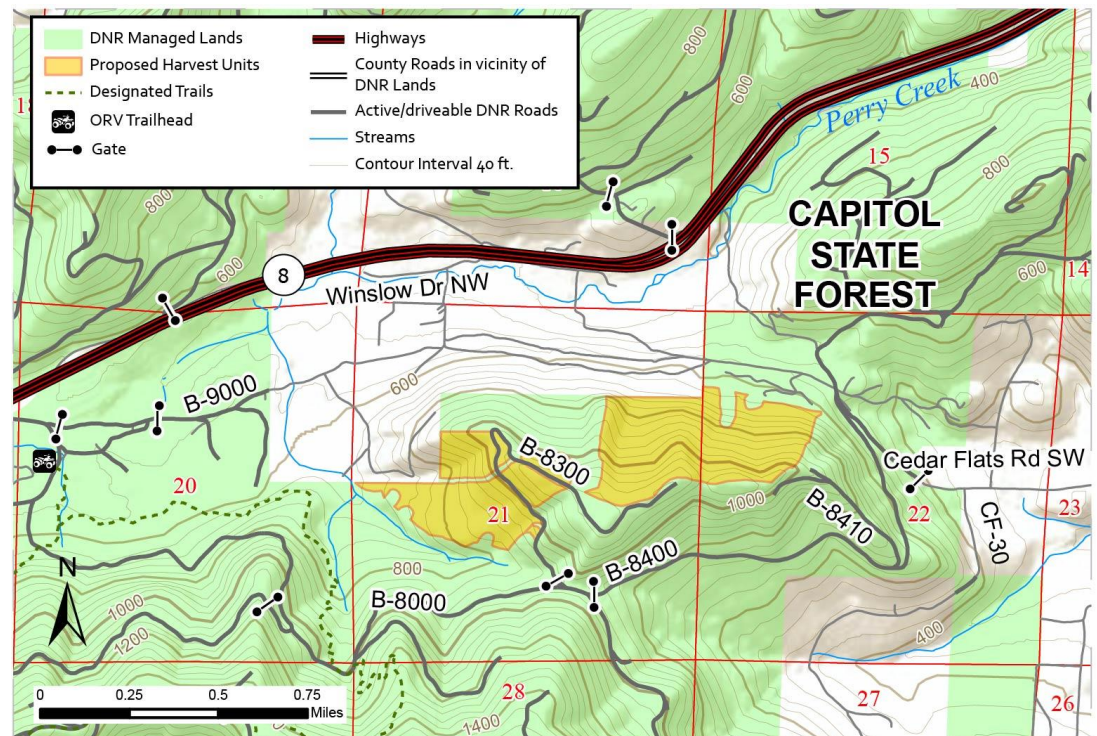
GEOLOGY

The sale was field assessed by a licensed engineering geologist and qualified expert. Sale design incorporates recommendations by the geologist, protecting potentially unstable slopes by excluding Forest Practices rule-identified landforms that include toes of deep-seated landslides >65% slopes and inner gorges.

PUBLIC USE BENEFIT

This timber sale is located within the Capitol State Forest, which is open to, and heavily used by, recreationists. Almost 7 miles of maintenance of existing roads, much of which receive significant impact from use by recreating public, will be completed by this timber sale.

LANDSCAPE VIEW



ESTIMATED TRUST 01, 02 & 42 REVENUE BREAKDOWN*

State Forest Transfer, State Forest Purchase,
Forest Board Repayment to Tax Code Area 135**

Taxing District	Total to Fund
State	\$383,945
County	\$151,036
Medic One	\$55,663
Port of Olympia	\$22,404
Timberland Library	\$40,053
County Road	\$128,108
Olympia School District	\$704,014
PUD #1	\$960
Totals:	\$1,486,182***

*Based on appraisal

**Based on 2024 tax rates

***Trust 01 Revenue Distribution: DNR 25%, Thurston County 75%

***Trust 02 Revenue Distribution: DNR FDA (50%), Thurston County (26.5%),
State General Fund (23.5%)

***Trust 42 Revenue Distribution: Common School (9.5%), Capitol (3.62%),
Normal School (11.59%), DNR RMCA (8.25%), DNR FDA (17.05%), Thurston
County (26.5%), State General Fund (23.5%)



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

CHANNEL CHANGE TIMBER SALE

Region: **Pacific Cascade**

County: **Wahkiakum**

District: **St. Helens**

Unit: **Stella**

Planned BNR meeting: **January 2025**

Planned auction date: **February 27, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved on 10/28, SEPA NFD signed on 10/29

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	22	VRH	1940	Biomass accumulation/Stem Exclusion
2	38	VRH	1940/1970	Biomass accumulation/Stem Exclusion
3	43	VRH	1955	Maturation 2
4 ROW	2	VRH	1970	Biomass accumulation/Stem Exclusion

DESCRIPTION OF SALE

Unit 1 is approximately 84 years old comprised of western hemlock, Douglas-fir, western redcedar, silver fir, and red alder. The northern part of Unit 2 is 54 years old comprised of a Douglas-fir stand with some western hemlock. The southern half of Unit 2 is an 84-year-old western hemlock dominated stand. Adjacent to Unit 2 is a protected metered marbled murrelet area. Unit 3 is approximately 69 years old and has the same species as Unit 1. Unit 4 ROW is 54 years old with Douglas-fir and western hemlock.

Leave trees were selected to protect sensitive areas such as wet soils and five Type 5 streams. In most cases leave trees were clumped, capturing trees representing the largest diameter and crown class as well as other characteristics representative of the existing stand. There are few snags and down wood throughout the unit.

Product Sales and Leasing Division

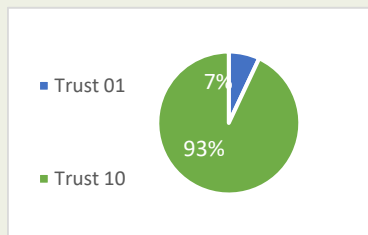
General Location



Sale Specifics

HCP Planning Unit: **Columbia**
Management Block: **Stella**
Sale Type: **Lump Sum**
Volume: **5,508 mbf**
Appraisal: **\$744,000**

Trust Distribution



Conservation Facts

Original planned acres: **169**
Final harvest acres: **105**
Long-term forest cover acres: **64**
Percent contributed to long-term forest cover: **37%**

Notable Protected Features

Streams, large diameter trees

Certifications

Sustainable Forestry Initiative

OLD GROWTH ASSESSMENT

No old growth assessment was needed or done. No remnant trees were found.

UNIQUE SALES CHARACTERISTICS

This proposal is consistent with the HCP addendum for marbled murrelet due to the nearest occupied habitat being .5 miles from the proposal area.

CONSERVATION AREAS

Typical conservation of riparian areas along Type 3 and Type 4 streams and retention of 8 trees per acre. Neither unit presented further biologically or culturally unique characteristics requiring further conservation.

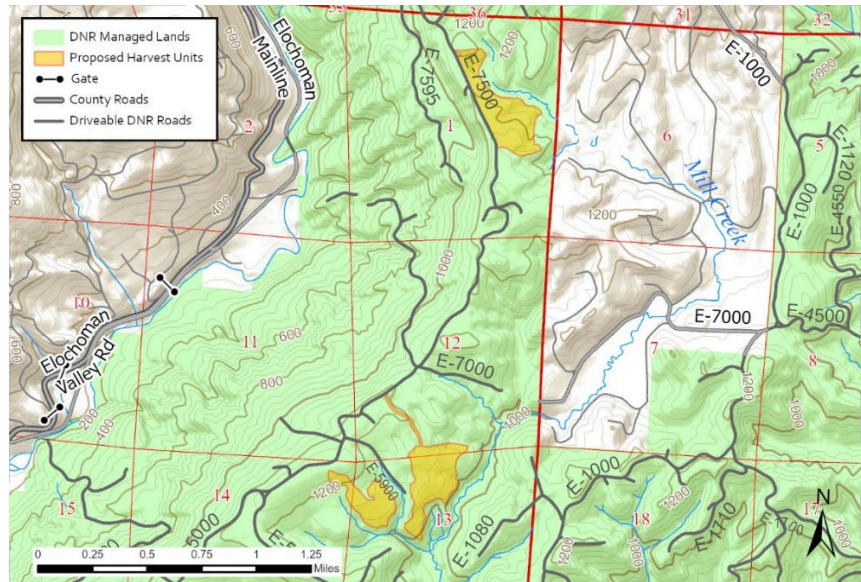
GENERAL SILVICULTURAL PRESCRIPTION

Unit 1: Replant with an average of 165 Douglas-fir, 170 western hemlock, and 25 western red cedar per acre. Unit 2: Replant with an average of 135 Douglas-fir, 200 western hemlock, and 25 western red cedar per acre. Unit 3: Replant with an average of 165 Douglas-fir, 170 western hemlock, and 25 western red cedar per acre.

GEOLOGY

There were no unstable slopes found within the harvest units.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

State Forest Transfer to Tax Code Area 2**

Taxing District	Total to Fund
Wahkiakum County	\$36,661***

*Based on appraisal
 **2024 tax rates
 ***Trust 01 Revenue Distribution: DNR (25%), Wahkiakum County (75%)



Unit 1: Western Hemlock stand in biomass accumulation/stem exclusion



Unit 2: Douglas-fir overstory with cut stumps and fern understory



Unit 2: Minimal understory with plenty of downed woody debris



Unit 3: Western hemlock regeneration understory alongside a cut stump



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

SUPER TRUCKIN SORTS TIMBER SALE

Region: **Pacific Cascade**

County: **Wahkiakum**

District: **St. Helens**

Unit: **Stella**

Planned BNR meeting: **January 2025**

Planned auction date: **March 27, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved] on 11/5; SEPA Notice of Final Determination signed on 12/6

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	39	Variable Retention Harvest	1927	Maturation II
2	40	Variable Retention Harvest	1921	Maturation II
3	31	Variable Retention Harvest	1925	Maturation II

DESCRIPTION OF SALE

Super Truckin Sorts is a three-unit sale in the Stella Block. All three units are variable retention harvest units with the originating stand being composed of western hemlock, Douglas fir and western red cedar. Units 1 and 2 of this sale will use ground harvest methods while Unit three will utilize ground harvest and cable harvest methods. Approximately 6,930 MBF will be harvested with this proposal.

Using the Key to stand Development Stages in the DNR publication, Identifying Mature and Old Forests in Western Washington, by Bob Van Pelt, (pg 46 and 47) this area keys out as a single cohort stand in Maturation II stage of development. There is shade tolerant tree regeneration, primarily western hemlock, that is a component of the understory ranging from 1-6 feet, with some individuals reaching into the midstory. However, those individuals do not reach all height classes nor into the main canopy and are primarily present around unit boundaries which support an edge effect.

OLD GROWTH ASSESSMENT

No old growth assessment was done or needed. No trees within the proposal area were found to be old growth remnants. Large, unique conifers

Product Sales and Leasing Division

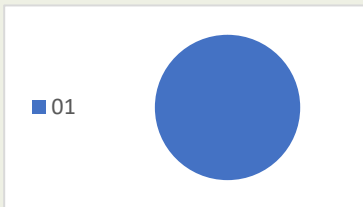
General Location



Sale Specifics

HCP Planning Unit: **Columbia**
Management Block: **Elochoman**
Sale Type: **Contract Harvest**
Volume: **6,930 MBF**
Appraisal: **\$2,389,141**

Trust Distribution



Conservation Facts

Original planned acres: **156**
Final harvest acres: **110**
Conservation and leave tree acres: **41**
Percent conservation and leave tree acres: **26%**

Notable Protected Features

Bedrock deep-seated landslides

Certifications

Sustainable Forestry Initiative

were targeted for retention within leave tree areas.

UNIQUE SALES CHARACTERISTICS

This proposal is consistent with the Department’s HCP and associated Long-Term Conservation Strategy for the marbled murrelet. All harvest operations are outside of the marbled murrelet occupied site buffer.

CONSERVATION AREAS

Unit 3 has an isolated Leave Tree clump across a Type 3 RMZ that was approved by the region biologist. This prevented the need for yarding corridors through the Type 3 RMZ to harvest this portion of the unit.

The rest of the units have typical conservation of riparian areas along Type 3 and Type 4 streams and retention of 8 trees per acre.

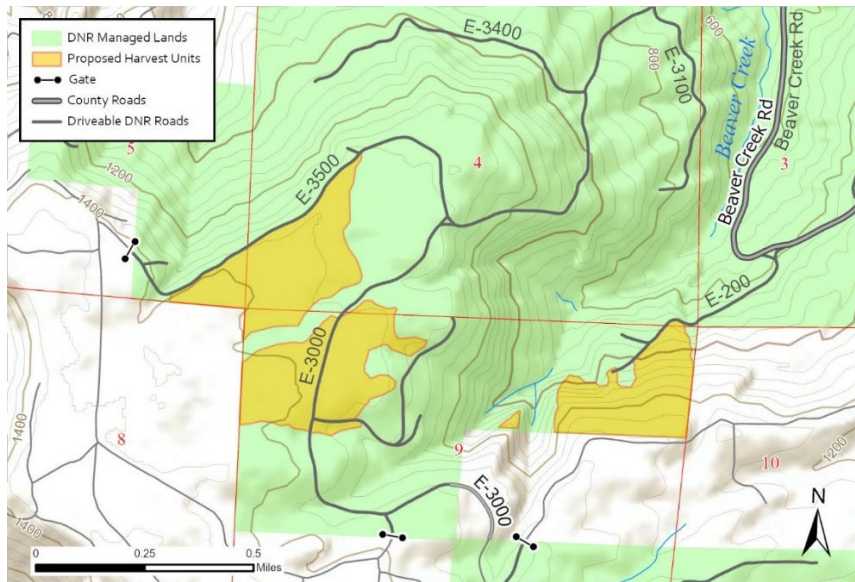
SILVICULTURAL PRESCRIPTION

Units 1 and 2 will be planted with 1+1 DF @ 200/acre, P+1 WH @ 140/acre, P+1 WRC @ 20/acre. Unit 3 will be planted with 1+1 DF @ 175/acre, P+1 WH @ 160/acre, and P+1 WRC @ 25/acre.

GEOLOGY

Eight acres of unstable features were found and excluded from harvest boundaries either with Riparian Management Zones or Leave Tree areas, including inner gorges and bedrock deep seated landslides. This sale was visited by a state lands geologist.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

State Forest Transfer to Tax Code Area 2**

Taxing District	Total to Fund
Wahkiakum County	\$1,791,856***

*Based on appraisal
 **2024 tax rates
 ***Trust 01 Revenue Distribution: DNR (25%), Wahkiakum County (75%)



Unit 3: Short understory of shade-tolerant western hemlock with foliage in bole zone behind



Unit 2: Thick carpet of western hemlock approximately six feet in height



Unit 1: Bole zone filled with foliage