



State of Washington

Department of Natural Resources

Hilary S. Franz, Commissioner of Public Lands

TO: Members of the Board of Natural Resources

FROM: Product Sales and Leasing Division

SUBJECT: Timber Sales Packet to be Presented at the  
December Board Meeting

Attached is a package of timber sales proposed for auction in upcoming months. This packet will be presented to the Board of Natural Resources at the December 3, 2024 Board Meeting.



**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# DUNGENESS AND DRAGONS TIMBER SALE

Region: **Olympic**

County: **Clallam**

District: **Straits**

Unit: **Sequim/Dungeness**

Planned BNR meeting: **December 2024**

Planned auction date: **January 29, 2025**

## FPA Classification: **IV Special**

Timber harvest and road construction will occur within the groundwater recharge area of a glacial deep-seated landslide.

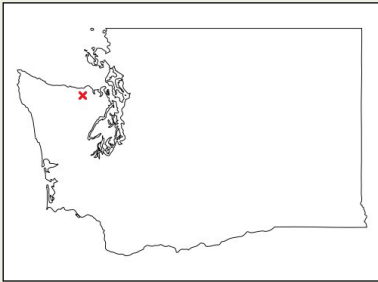
**Status of timber sale:** FPA approved on 11/27; SEPA NFD signed 11/27.

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	38	VRH	Post 1975	Biomass Accumulation/Stem Exclusion
3	20	VRH	Post 1875	Maturation II
4	4	VRH	Post 1920	Maturation II
5	<1	VRH	Post 1920	Maturation II
6	<1	VDT	Post 1975	Biomass Accumulation/Stem Exclusion
7	<1	VDT	Post 1975	Biomass Accumulation/Stem Exclusion
8	<1	VDT	Post 1975	Biomass Accumulation/Stem Exclusion
9	<1	VDT	Post 1975	Biomass Accumulation/Stem Exclusion
10	<1	VDT	Post 1975	Biomass Accumulation/Stem Exclusion
11	2	VDT	Post 1920	Maturation II
12	2	VDT	Post 1920	Maturation II
13	<1	ROW	-	-
14	<1	ROW	-	-
15	<1	ROW	-	-
16	<1	ROW	-	-

## Product Sales and Leasing Division

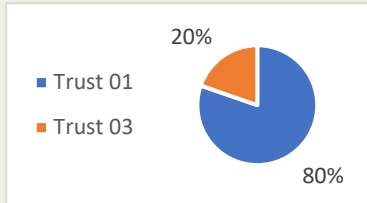
### General Location



### Sale Specifics

HCP Planning Unit: **Straits**  
Management Block:  
**Sequim/Dungeness**  
Sale Type: **Lump Sum**  
Volume: **1,224 MBF**  
Appraisal: **\$311,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **111**  
Final harvest acres: **69**  
Conservation and leave tree acres: **39**  
Percent conservation and leave tree acres: **35%**

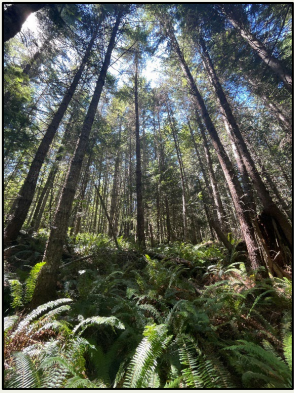
### Notable Protected Features

Riparian areas, Forested Wetlands, FP Rule-Identified Landforms, Older Forest

### Certifications

Sustainable Forestry Initiative

## DESCRIPTION OF SALE



Unit 1



Unit 3



Unit 4



Unit 5

The Dungeness and Dragons timber sale is located in Clallam County approximately 4 miles south and west of Sequim off of Lost Mountain Road, Cassidy Road, the PA-L-1100, and the PA-A-3000 road system. It encompasses approximately 110.8 gross acres with a cruised volume of 1,230 MBF. This sale consists of four variable retention harvest units, seven variable density thinning units and four right-of-way harvest units which are located in the Dungeness Valley and Siebert-McDonald WAUs. Within the proposal area, there are 24.2 acres of riparian management zone and unstable slopes protections, 2 acres of forested wetland, 9.5 acres of wetland management zone, 3.2 acres of area designated as Leave Tree Areas (LTAs), and 2.8 acres of pre-existing road. Overall, the net harvest acreage is 69.1 acres. Additionally, Unit 2 of the original proposal was removed from the timber sale due to the discovery of an old growth stand within the proposed unit boundaries. 139 acres of old growth was delineated and permanently deferred from harvest as part of this proposal. Approximately 2,896 feet of new road construction, 2,005 feet of road reconstruction and 13,280 feet of required pre-haul maintenance have been proposed to meet access needs to the sale area. The designated rock sources will be Fitzgerald Pit and/or commercial sources.

## OLD GROWTH ASSESSMENT

An old growth assessment was triggered due to the presence of both “high” and “moderate” WOGHI points within two previously planned units of the Dungeness and Dragons sale. Due to the delineation of a 139 acre old-growth forest stand, these units have been completely excluded from the proposed Dungeness and Dragons sale area.

An old growth assessment of Unit 3 was triggered by forester field observations of large diameter trees combined with GIS data indicating the possibility of older forest on-site. Based on field assessments of the site, no policy-definable old growth stands were identified within the proposed unit. All units associated with the Dungeness and Dragons proposed timber sale were field reviewed by an Old Growth Designee and qualified field staff. Remnant old growth trees found not constituting a stand greater than five acres in size have been marked for retention. In the event that one of these trees needs to be cut to facilitate road building or safe harvest operations, it will be left on site and serve as downed wood recruitment. Two such individual old growth trees have been specifically marked to be cut and left on-site as necessary for road construction through Unit 16 ROW. Please see Old Growth Assessment forms for additional details.

## **SILVICULTURAL PRESCRIPTION**

Desired stocking and stand composition will target a mixture of Douglas-fir, Western redcedar, and Grand-fir at a density of 400 trees-per-acre.

## **GEOLOGY**

Outer edges of meander bends, glacial deep-seated landslides, and other landforms displaying combined signs of slope instability were identified around Unit 3 via a remote and field review with a Licensed State Lands Geologist. Timber harvest and road construction will occur within 24% of a delineated groundwater recharge area to a glacial deep-seated landslide. The proposed activities have been assessed by a Licensed Engineering Geologist and Qualified Expert who determined the likelihood of subsequent impacts to be low.

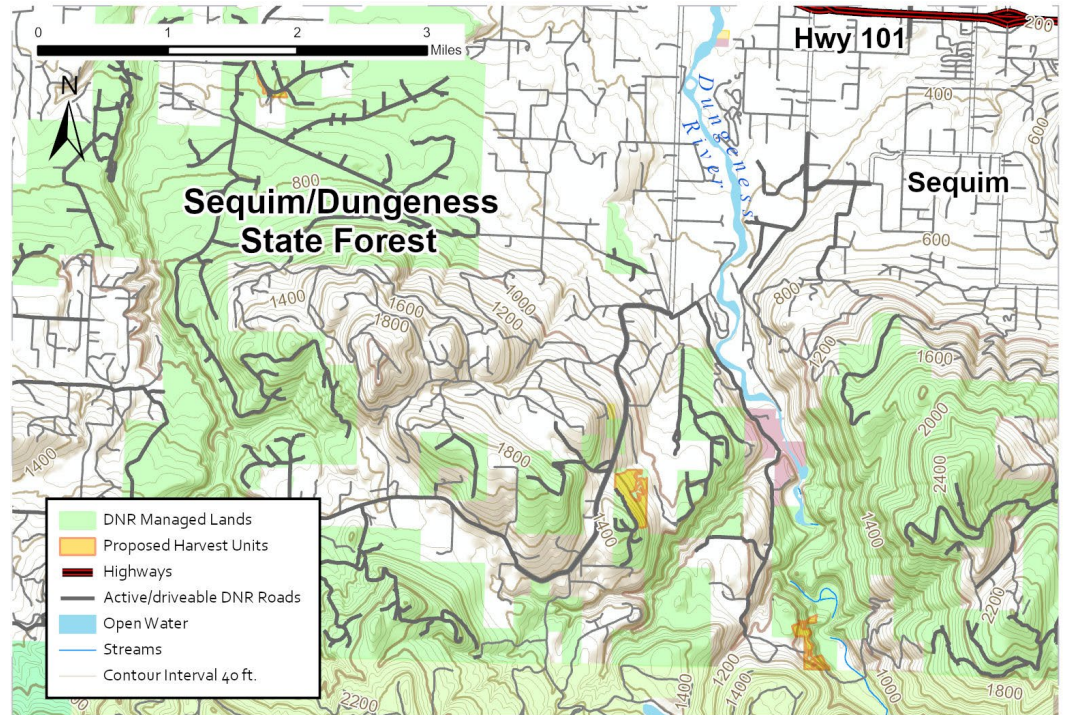
The following proposal elements mitigate impacts to the groundwater recharge area:

- 86% of the groundwater recharge area is excluded from the proposal, including the deep seated landslide.
- Timber harvest is limited to a distal 1.2 acres, or 24% of the groundwater recharge area.
- Approximately 1.4 acres of smooth, forested terrain buffer the harvest area from the deep-seated landslide.
- The PA-A-3120 is engineered to convey runoff away from the groundwater recharge area through ditches and culverts.

The Dungeness and Dragons Road Plan is designed to maintain natural hillslope hydrology through ditches and relief culverts. All features with a moderate to high-risk of failure and delivery to a public resource have been excluded from the proposed harvest area. Please see the Engineering Geologic Risk Assessment for the Dungeness and Dragons Timber Sale for additional details.



## LANDSCAPE VIEW



## ESTIMATED TRUST 01 REVENUE BREAKDOWN\*

Trust 01 - Clallam County - TCA 202\*

Taxing District	Total to Fund
Clallam County Roads	\$ 19,751
Sequim School District	\$ 21,999
Sequim School District	\$ 11,026
Port of Port Angeles	\$ 2,804
State 1	\$ 38,273
State 2	\$ 20,532
Conservation Futures	\$ 452
Clallam County	\$ 19,564
Fire District #3	\$ 28,421
Fire District #3	\$ 8,988
North Olympic Library	\$ 7,451
Hospital District #2	\$ 8,062
<b>Totals:</b>	<b>\$ 187,323***</b>

\*Based on appraisal

\*\*2024 tax rates

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



**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# DABBLER TIMBER SALE

Region: **Pacific Cascade**

County: **Clark**

District: **Yacolt**

Unit: **Lewis River**

Planned BNR meeting: **December 2024**

Planned auction date: **January 30, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 7/1/2024, SEPA in progress, comment period closes 11/15/2024

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	93	VRH	1944	Maturation II
2	13	VRH	1952	Maturation II
3	29	VRH	1954	Maturation II
4	3	ROW	1995	N/A
5	2	ROW	1995	N/A

## DESCRIPTION OF SALE

All units within the sale area range from 29-80 years old. Stands are composed of Douglas-fir with smaller components of western hemlock, bigleaf maple, western redcedar, and red alder. Average DBH of Douglas-fir, the most common tree species, is approximately 23 inches. The understory is composed of shade tolerant, western hemlock greater than 8' tall. Primary understory species include vine maple, sword fern, Oregon grape, oxalis, trailing blackberry, and salmon berry.

Leave trees were selected to protect old growth, areas adjacent to riparian management zones, areas where operations were not feasible, or because trees were structurally unique. There is a contract clause preventing harvest of any trees with a diameter over 60 inches unless for safety reasons and felled trees shall remain on-site. Riparian management zones (RMZ) consist of Type 4 streams with surrounding buffers similar in species composition to adjacent units.

There is downed wood throughout the sale area and most down dead wood is from the primary, existing cohort. The surrounding stands are composed of similar aged timber in adjacent stands, RMZs, and/or young timber less than or equal to 26 years old.

## Product Sales and Leasing Division

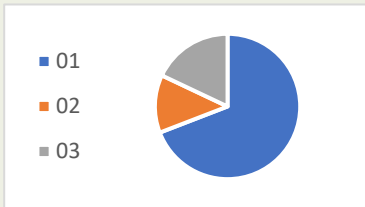
### General Location



### Sale Specifics

HCP Planning Unit: **Columbia**  
Management Block: **Siouxon**  
Sale Type: **Lump Sum**  
Volume: **8,618 MBF**  
Appraisal: **\$2,909,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **156**  
Final harvest acres: **140**  
Conservation and leave tree acres: **16**  
Percent conservation and leave tree acres: **10%**

### Notable Protected Features

Legacy trees were excluded from harvest within a leave tree area adjacent to Unit 3.

### Certifications

Sustainable Forestry Initiative

## **OLD GROWTH ASSESSMENT/ UNIQUE SALES CHARACTERISTICS/CONSERVATION AREAS**



**Unit 1:** Large and dense western hemlock at all levels of the understory.



**Unit 2:** Most of unit has western hemlock greater than 8' tall throughout the understory.



**Unit 3:** Stand is relatively uniform with western hemlock greater than 8' tall throughout the understory.

Original FRIS estimates the origin date of Unit 1 to be 1944, Unit 2 has an FRIS original date of 1952, Unit 3 has a FRIS original date of 1954 and both Unit 4 ROW and Unit 5 ROW have FRIS original dates of 1995 which coincides with the stand characteristics witnessed on site. The older stands were logged in the 1940's and the younger stands were logged in the 1950's and 1990's. There were trees older than 100-years-old seen on the site although only some are considered legacy trees and were excluded from harvest in leave tree areas.

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); Unit 1 keys out as Maturation 2 stage of development, Unit 2 keys out as Maturation 2, and Unit 3 keys out as Maturation 2. Shade tolerant western hemlock has been recruited into the mid-story throughout all units.

### **SILVICULTURAL PRESCRIPTION**

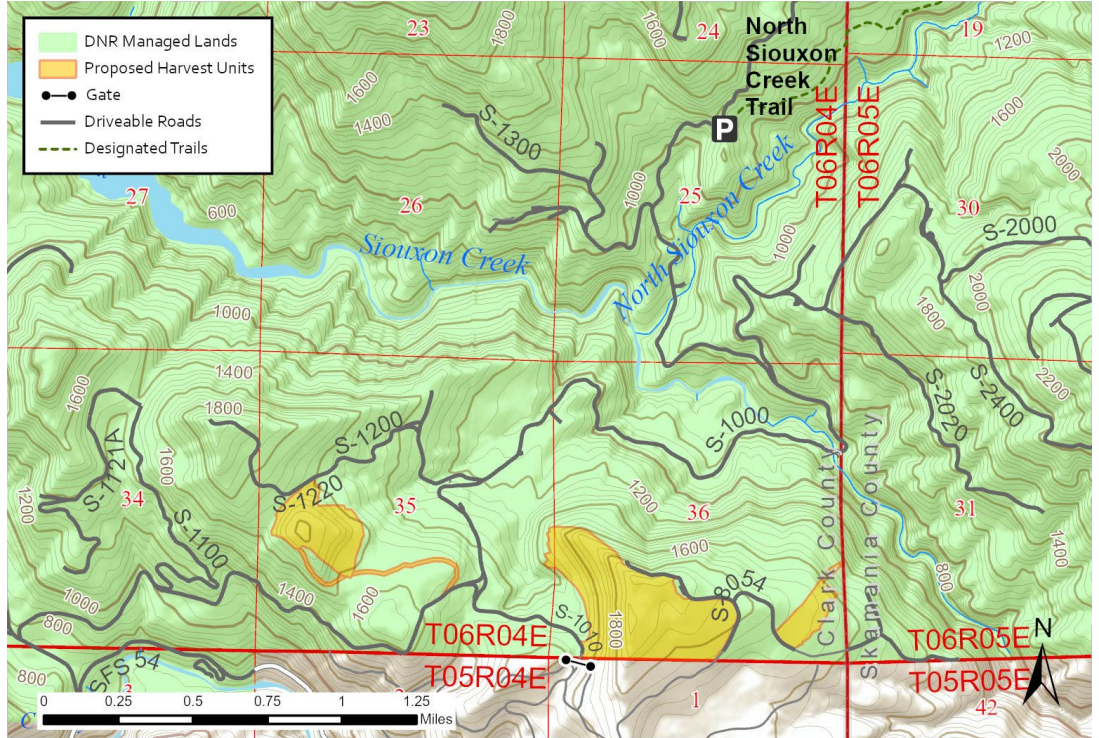
Replant all units with 300 Douglas-fir per acre, 25 western hemlock per acre, and 25 western redcedar per acre. Minor root disease, bear damage, and risk noted.

### **GEOLOGY**

Potentially unstable slopes were identified in Unit 1 and were buffered by a minimum of 40 ft and excluded from the sale area using yellow "Leave Tree Area" tags with pink flagging. The excluded area totaled approximately 0.3 acres. Scattered leave trees marked with a band of blue paint were preserved above the potentially unstable slope in Unit 1 for further protection.



## LANDSCAPE VIEW



## ESTIMATED TRUST 01 AND 02 REVENUE BREAKDOWN\*

### Trust 01 - Clark County - TCA 119001\*\*

Taxing District	Distribution
State School Pt 1	\$ 348,235
State School Pt 2	\$ 186,809
Clark County	\$ 183,379
Clark County Roads	\$ 246,090
Fort Vancouver Library	\$ 63,632
Battleground SD Enrichment	\$ 392,847
N Country EMS General	\$ 87,470
<b>Totals:</b>	<b>\$ 1,508,462***</b>

\*Based on appraisal

\*\*2023 assessment for 2024 tax year  
 \*\*\*Trust 01 Revenue Distribution: DNR 25%, Clark County 75%

### Trust 02 - Clark County - TCA 119001\*\*

Taxing District	Distribution
State School Pt 1	\$ 22,939
State School Pt 2	\$ 12,306
Clark County	\$ 12,080
Clark County Roads	\$ 16,211
Fort Vancouver Library	\$ 4,192
Battleground SD Enrichment	\$ 25,878
N Country EMS General	\$ 5,762
<b>Totals:</b>	<b>\$ 99,367****</b>

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



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COMMISSIONER OF PUBLIC LANDS

# MISTY TIMBER SALE

**Region:** South Puget Sound

**County:** Grays Harbor

**District:** Black Hills

**Unit:** Littlerock

**Planned BNR meeting:** December 2024

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

**FPA Classification:** III

**Status of timber sale:** FPA approved 3/27/24, SEPA NFD signed 11/4/2024

## HARVEST UNIT DETAILS

Unit	Net Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	91	VRH	Post-1870, Post-1920, 1999	Maturation II
2	21	VRH	Post-1983, 1997	Biomass Accumulation/Stem Exclusion
3	3.8	Daylighting	1986	Not applicable
4	0.2	Daylighting	1998	Not applicable

## DESCRIPTION OF SALE

This sale is comprised of 2 VRH units and 2 daylighting units within the Capitol State Forest. The origin dates were determined using field sampling and observations. Unit 1 contains multiple cohorts resulting from past fire and logging activities of early logging. Units 2-4 consists of younger planted stands. The overstory composition of Units 1 and 2 consist primarily of Douglas-fir (DF) with western redcedar (RC), western hemlock (WH), red alder (RA), and bigleaf maple (MA) present in areas of Unit 1. The understory includes sword fern, Oregon grape, salal, vine maple, and huckleberry in Unit 1 and predominately sword fern in Unit 2. The sale average DBH is 22.3" for DF, 18.4" for RC, 16.0" for WH, 16.3" for MA, and 14.8" for RA. Structure within the stand consists of small diameter competition mortality, deteriorating DF and RC stumps and cull logs from the previous logging.

This sale includes maintenance to existing forest roads that are used by the

## Product Sales and Leasing Division

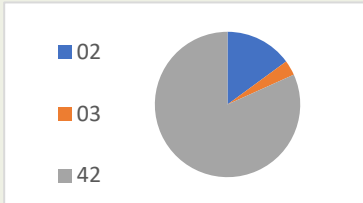
### General Location



### Sale Specifics

HCP Planning Unit: **South Coast**  
Management Block: **Capitol**  
Sale Type: **Lump Sum**  
Volume: **5,499 mbf**  
Appraisal: **\$2,314,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **180**  
Final net harvest acres: **116**  
Conserved & leave tree acres: **61**  
Percent conservation and leave tree acres: **34%**

### Notable Protected Features

Streams, wetlands, channel migration zones, potentially unstable slopes

### Certifications

Sustainable Forestry Initiative





Unit 1 interior of unit



Unit 1 Leave tree area with existing snags, down wood and shade tolerant mid-canopy trees



Moderate WOGHI point inside Unit 1



Unit 2 representative of stand

public and removal of a fish barrier to restore upstream fish habitat.

### **OLD GROWTH ASSESSMENT**

Weighted Old-Growth Habitat Index (WOGHI) points in the area of Unit 1 were evaluated by a trained old-growth designee and determined not to be old-growth. In addition to the field assessment at the WOGHI points, a remote review of historic aerial photographs and vegetation height data was conducted to evaluate additional surrounding areas inside and adjacent to the unit. The stand at these WOGHI points did not contain the elements necessary to be old-growth or deferral under DNR's old-growth policy.

### **CONSERVATION AREAS**

Leave trees in the sale area are primarily arranged in clumps, with a few individually marked, at a density of 8 trees per acre across the VRH unit. Leave trees were selected to protect larger trees and those exhibiting structural complexity, especially from the older cohort in Unit 1. In addition, leave tree clumps were placed in locations to add protection for unique or sensitive features such as streams and potentially unstable slopes, as well as to capture a representation of the variety of existing species. Varying sizes of leave tree clumps will create horizontal diversity in the next stand. Although no individual remnant old-growth, nor trees 60" DBH or larger were identified during layout, they will be retained as leave trees, if discovered.

Streams adjacent to the sale have been typed and riparian buffers will contribute to conservation areas.

### **SILVICULTURAL PRESCRIPTION**

Units 1 and 2 will be replanted with Douglas-fir at a rate of 330 trees per acre. Plantings will be supplemented with natural regeneration from seed trees of various native species within riparian buffers and leave tree areas. Assessments will be performed to ensure successful development of the next stand.

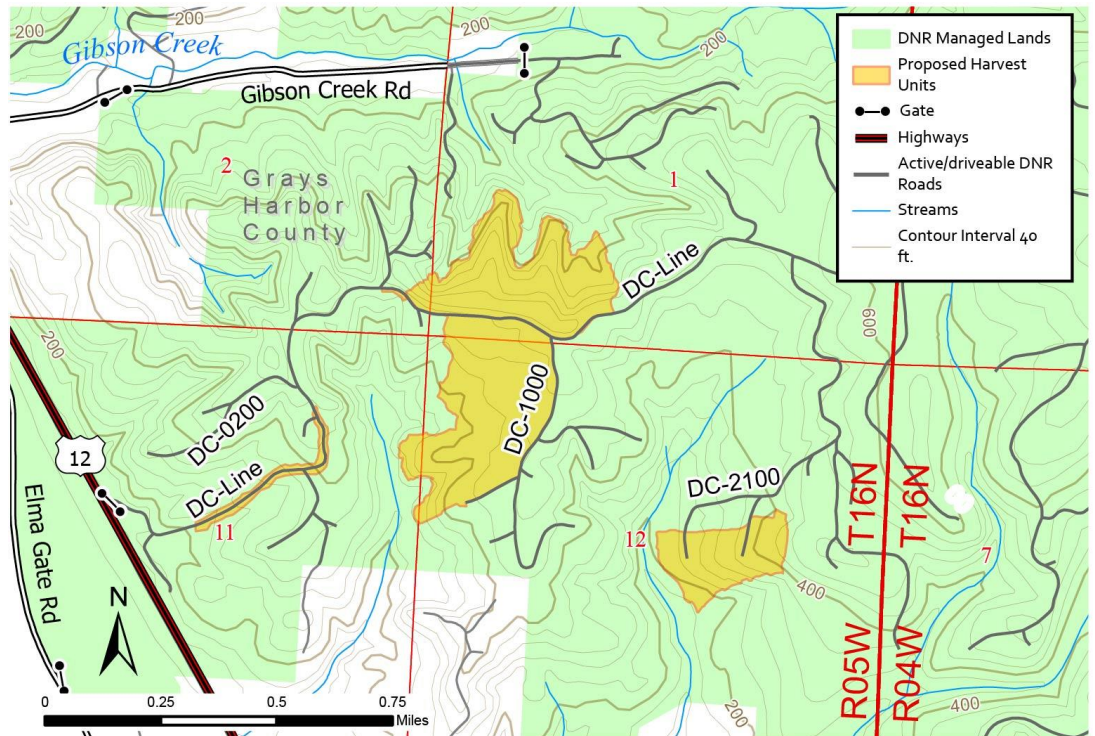
### **GEOLOGY**

This sale was field assessed by a licensed engineering geologist and qualified expert. Forest Practices rule-identified landforms include a bedrock hollow inner gorges, and toe of a relict, bedrock deep-seated landslide with slopes > 65% which were excluded from the harvest area. There are relict, bedrock deep-seated landslides also identified and assessed with this sale. These are not Forest Practices rule-identified landforms and the harvest unit overlaps a small portion of these.

## PUBLIC USE BENEFITS

This timber sale is located within the Capitol State Forest, which is open to, and used by, recreationists including handicapped hunters. More than 15 miles of existing roads will be maintained as part of this timber sale. Road work associated with this sale also includes existing road abandonment to remove an existing fish barrier, return the stream to natural grade, and restore upstream fish habitat. Additionally, an undersized culvert at an existing Type 4 stream will be replaced with a larger culvert to allow required storm flows, including anticipated flows due to climate change.

## LANDSCAPE VIEW



## ESTIMATED TRUST 02 AND 42 REVENUE BREAKDOWN\*

### Grays Harbor County - Trust 02 - TCA 400\*\*

Taxing District	Total to Fund
State School 1	\$15,654
State School 2	\$8,396
County Current	\$10,396
Port of Grays Harbor	\$2,516
Timberland Regional Library	\$2,400
Grays Harbor County Roads	\$14,548
Oakville SD Bond	\$13,669
Oakville SD Enrichment	\$13,554
<b>Totals:</b>	<b>\$ 81,133***</b>

### Grays Harbor County Trust 42 - Per RCW 79.64.100 - TCA 400\*\*

Taxing District	Total to Fund
State School 1	\$96,700
State School 2	\$51,863
County Current	\$64,216
Port of Grays Harbor	\$15,544
Timberland Regional Library	\$14,826
Grays Harbor County Roads	\$89,868
Oakville SD Bond	\$84,436
Oakville SD Enrichment	\$83,723
<b>Totals:</b>	<b>\$501,177****</b>

\*Based on appraisal

\*\*Based on 2024 county tax rates

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



**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# TWEEDY TIMBER SALE

**Region:** Pacific Cascade

**County:** Grays Harbor

**District:** Lewis

**Unit:** Independence Valley

**Planned BNR meeting:** December 2024

**Planned auction date:** January 30, 2025

**FPA Classification:** III

**Status of timber sale:** FPA approved on 11/1, SEPA NFD signed on 10/30

## Product Sales and Leasing Division

### General Location



### Sale Specifics

HCP Planning Unit: **South Coast**

Management Block: **Lower**

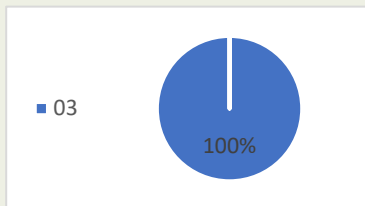
**Chehalis**

Sale Type: **Lump Sum**

Volume: **5,268 mbf**

Appraisal: **\$1,367,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **217**

Final harvest acres: **127.9**

Conservation and leave tree acres: **89.1**

Percent contributed conservation and leave tree acres: **41%**

### Notable Protected Features

Large Structurally Complex Trees

Structurally Complex Stands

### Certifications

Sustainable Forestry Initiative

### HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	75.8	VRH	1925	Biomass Accumulation/Stem Exclusion Maturation I Maturation II
2	52.1	VRH	1955	Biomass Accumulation/Stem Exclusion Maturation I Maturation II

### DESCRIPTION OF SALE

Tweedy Timber Sale, Agreement No. 30-107101 and Forest Practices Application No. 2942870. This is a variable retention harvest with 127.9 acres in 2 units removing approximately 5,268 MBF of timber, with 4,833 feet of road construction, 8,010 feet of pre-haul maintenance, and 1,470 feet of road abandonment.

### OLD GROWTH ASSESSMENT

After remote review of the DNR WOGHI layer identified multiple areas of potential for old growth, an old growth assessment was conducted in Units 1 and 2 of the Tweedy Timber Sale. Continued remote review of vegetation height identified additional areas for review based upon large patches of particularly tall trees. FRIS estimates the origin date of this stand ranges from 1875-1942, however coring data suggests that this stand consists of three age classes: 1850-1892, 1906, and 1924-1932.





Unit 1: Stem Exclusion  
Biomass Accumulation



Unit 1: Early shade tolerant  
reinitiation displaying  
Maturation I.



Unit 1: Maturation II along  
the boundary of the TBS.  
This area was delineated as  
old-growth and portions that  
extended out of the RMZ  
were protected as leave  
trees.

Unit 1: Review of the 1951 aerial photo of this parcel showed that early regeneration of the stand was very patchy, thus creating diversity in the stand development stages. The 1967 aerial photo also shows a continued patchwork in stand development stages, and older timber present prior to 1992 and 2007 windstorms.

Maturation II stand development was mostly concentrated to the south and central areas of the unit. Biomass Accumulation/Stem Exclusion and Maturation I were found throughout the proposal area, with Maturation I being more heavily concentrated to the northern portion of the unit. This stand is primarily composed of mixed Douglas-fir and western hemlock cohort in the overstory with some western red cedar and Sitka Spruce scattered throughout.

Unit 1 is associated with an 8 acre stand of old-growth that was delineated during the assessment. Approximately 6 acres extended into the proposal area from the RMZ and this area was protected by marking the area as leave trees.

Unit 2: The WOGHI area of concern associated with Unit 2 was located outside of the proposal area. The stand within unit 2 is much younger and was originally harvested after 1950. The stand was thinned in 1996 as a part of the Cadillac Thinning which released an understory component of western hemlock. The stand is transitioning from Maturation I to Maturation II though there are still denser pockets displaying the characteristics of Biomass Accumulation/Stem Exclusion.

During the assessment a couple of remnant old-growth trees were identified but were located across the stream from unit 2 well outside of the proposal area and were not a part of a larger old-growth stand. No additional protection measures were needed other than the standard leave trees required under the HCP.

### **UNIQUE SALES CHARACTERISTICS**

- Trees over 60" in diameter were found during sale layout. These trees are located within leave tree clumps or banded with blue paint to be left as individual leave trees. Contractually, no trees over 60" are allowed to be harvested.
- Approximately 6 acres of an identified old-growth stand is located in the uplands of Unit 1 and has been protected within a leave tree area.
- Removal of a fish blockage on the T-2000 and abandonment of 3,841' of road on the T-2000, T-2100 and T-2101.





Unit 2: Understory of western hemlock is just old and tall enough that the stand is transitioning from Maturation I to Maturation II.

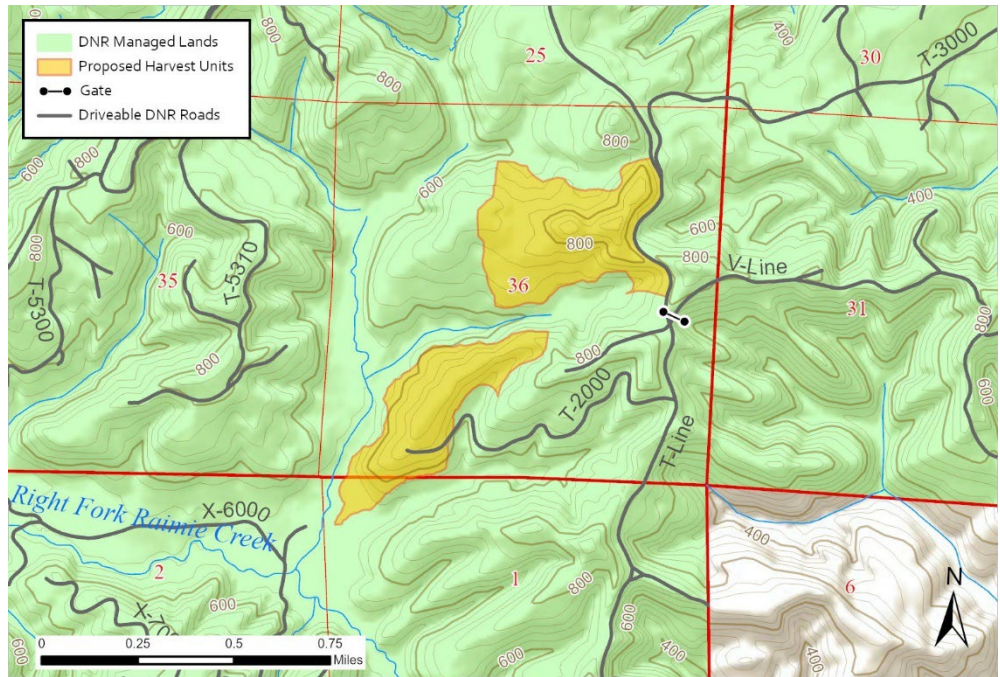
## SILVICULTURAL PRESCRIPTION

Replant with an average of 345 Douglas-fir, and 15 western red cedar per acre.

## GEOLOGY

Tweedy is similar to other proposals in the Lower Chehalis State Forest and contains evidence of inner gorges, bedrock hollows and ancient deep-seated landslides. These Forest Practices rule-identified-landforms were located with the riparian management zones or were protected and removed from the sale area using leave trees.

## LANDSCAPE VIEW





**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# FISH AND CHIPS TIMBER SALE

Region: **Olympic**

County: **Jefferson**

District: **Coast**

Unit: **Coast**

Planned BNR meeting: **December 2024**

Planned auction date: **January 29, 2025**

## Product Sales and Leasing Division

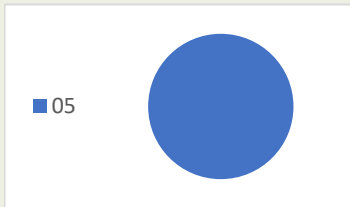
### General Location



### Sale Specifics

HCP Planning Unit: **OESF**  
Management Block: **Queets**  
Sale Type: **Lump Sum**  
Volume: **8,879**  
Appraisal: **\$1,622,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **387**  
Final harvest acres: **292**  
Conservation and leave tree acres: **95**  
Percent conservation and leave tree acres: **24.5%**

### Notable Protected Features

Riparian Areas, Wetlands, FP Rule Identified Landforms

### Certifications

Sustainable Forestry Initiative

### FPA Classification: **Class IV-special**

Proposed harvest activities in and around groundwater recharge areas to glacial deep-seated landslides.

**Status of timber sale:** FPA approved on 12/1; SEPA NFD signed on 12/2.

### HARVEST UNIT DETAILS

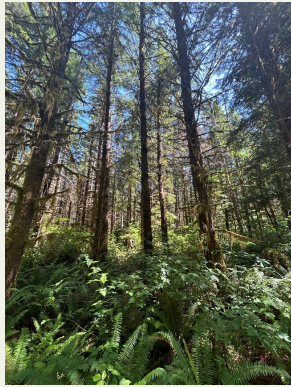
Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	95	VRH	Post 1960	Maturation II
2	93	VRH	Post 1965	Maturation I with pockets of Mat II
3	97	VRH	Post 1955	Maturation II/ Biomass Accumulation/Stem Exclusion
4	6	VRH	Post 1970	Biomass Accumulation/Stem Exclusion
5	1	ROW	Post 1970	Biomass Accumulation/Stem Exclusion

### DESCRIPTION OF SALE

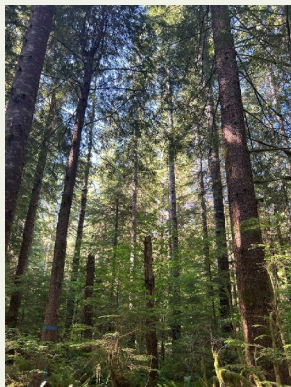
This proposal is comprised of second growth that regenerated after being logged between 1955 and 1980. The majority of the harvest proposal initiated around 1965. The dominant cohort is a mix of Douglas-fir and western hemlock with the largest diameters falling between 20-27". Although the stands are relatively young, disease (likely a root rot) and windthrow have opened the canopy and accelerated stand development in some units. Young hemlock in Units 1 and 3 have taken advantage of the canopy openings and are present at various heights. Many individuals are over 10' tall, pushing these stands into the Maturation II category. Unit 2 is slightly younger and very patchy, with shorter shade tolerant species in the understory and patches of



Unit 1



Unit 2



Unit 3



Unit 4

higher disease impacts where structure has accelerated into the maturation II category. Unit 2 also has areas with enough loss from disease that some shade intolerant species are establishing underneath. Dominant tree structure remains simple throughout the proposal, with simple bark and branch stubs low on the boles. Cut stumps are present throughout, and Unit 3 was partially thinned in 1996. High amounts of dead woody debris and standing snags are present due to disease and windthrow. Some downed wood is also present from the initial harvest and competitive exclusion. Along with shade tolerant tree species, the understory is dense in all units and comprised of sword fern, huckleberry, salmonberry, and cascara.

## OLD GROWTH ASSESSMENT

Review for the Fish and Chips timber sale revealed 2 moderate and 2 high WOGHI points in the vicinity of Units 1 and 3. The 526' assessment zones of the WOGHI points overlaps the sale boundary, therefore an evaluation was required. Within Unit 1, ortho-photos and remote data show a stand of managed timber that established after a harvest between 1965 and 1970. Field visits revealed a buffer of identical timber between the WOGHI point and the sale boundary. Field visits to the northern section of the unit (near Matheny Creek) where older forest is present revealed a distinct timber type change with all significantly larger trees excluded from the sale. Within Unit 3, ortho-photos and remote data show a stand of managed timber that established after a harvest between 1955 and 1960. The majority of the unit was thinned in 1996. The northeastern section of the unit contains slightly younger timber approximately 45-50 years old. No large, old trees or other stand characteristics indicative of old growth were observed within the sale boundaries.

## SILVICULTURAL PRESCRIPTION

The Fish and Chips Timber Sale will be replanted following harvest targeting a density of 350 trees per acre. Planting will include 250 Douglas-fir per acre, 50 Sitka spruce, and 50 western redcedar.

## GEOLOGY

The Fish and Chips timber sale will harvest a small portion of two groundwater recharge areas associated with glacial deep-seated landslides (GDSL), triggering a class IV special FPA. The proposal includes harvesting of approximately 12% of the recharge area to a dormant-indistinct GDSL, and 15% of the recharge area to a more recent, active GDSL. No harvest is proposed on the body or scarp of either slide. A geologic engineering risk assessment was produced by the state lands geologist and outlines the low likelihood that harvest will increase landslide activity.



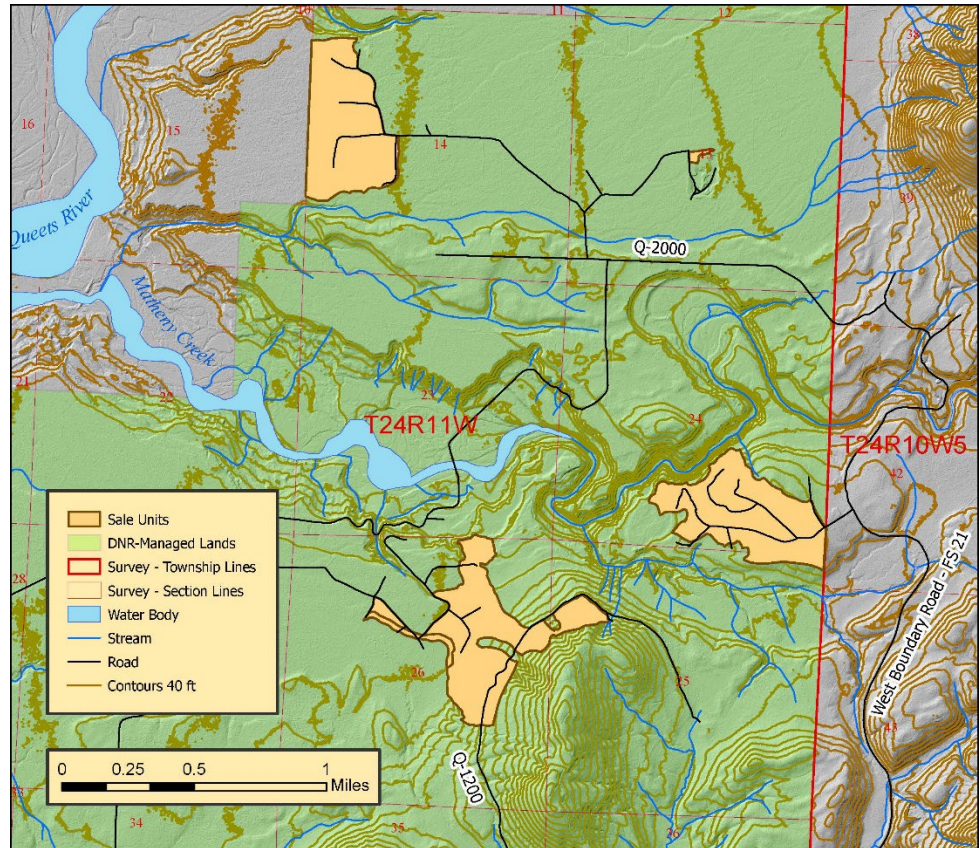


Kostly Creek Bridge

## ROAD MAINTENANCE

The Fish and Chips timber sale includes an extensive road plan that will improve road conditions in the Salmon River management block. The plan includes pre-haul maintenance to improve surface conditions on over 19 miles of forest roads. The purchaser will be required to install/replace 55 culverts to improve stormwater drainage, and to replace the decking and running surface on the Kostly Creek bridge.

## LANDSCAPE VIEW





**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# MALADJUSTED TIMBER SALE

Region: **Olympic**

County: **Jefferson**

District: **Straits**

Unit: **SE Jefferson**

Planned BNR meeting: **Dec 2024**

Planned auction date: **Jan 29, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 9/20, SEPA NFD signed 11/25

## Product Sales and Leasing Division

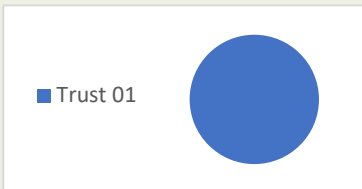
### General Location



### Sale Specifics

HCP Planning Unit: **Straits**  
Management Block: **SE Jefferson**  
Sale Type: **Lump Sum**  
Volume: **3,097 mbf**  
Appraisal: **\$881,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **181**  
Final harvest acres: **122**  
Conservation and leave tree acres: **58**  
Percent conservation and leave tree acres: **32%**

### Notable Protected Features

Riparian Areas, Wetlands, FP Rule Identified Landforms

### Certifications

Sustainable Forestry Initiative

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	72	VRH	1959	Maturation I
2	2	VRH	1959	Maturation II
3	8	VRH	1960	Biomass/Stem Exclusion
4	24	VRH	1978	Biomass/Stem Exclusion
5	16	VRH	1978	Biomass/Stem Exclusion
6	0.5	R/W	1990	

## DESCRIPTION OF SALE

The Maladjusted Timber sale, agreement # 30-106773, is located in Jefferson County, Washington approximately 5 miles north of Quilcene for Units 1-3 & 6 and 2 miles west of Quilcene for Units 4 & 5. Access is from the PT-L-1000, Hwy 101, and the PT-Q-2000 roads. It encompasses approximately 181 gross acres with a cruised volume of 3097 MBF. This proposal consists of 5 variable retention harvest units and one right-of-way harvest and is located in the Big Quilcene and Little Quilcene WAUs. Within the gross proposal area there 35 acres of riparian management zone, 15 acres of wetland management zone, and 7.7 acres of leave tree areas. The net harvest area is 122 acres. Approximately 1165 feet of new construction and 21,660 feet of pre-haul maintenance have been proposed to meet access needs of the sale area.



## UNIQUE SALES CHARACTERISTICS

Units 4 and 5 are an early rotation of a commercially thinned stand which has become heavily infected with root disease. This early rotation will focus on replanting of less susceptible tree species to alleviate the spread of root rot and promote healthy forest conditions.

## SILVICULTURAL PRESCRIPTION

The Maladjusted Timber Sale will be replanted with Douglas fir, western redcedar and western hemlock with a target trees per acre of 400 in Unit 1-3. Units 4 & 5 will be replanted with western hemlock and western red cedar with a target trees per acre of 400.

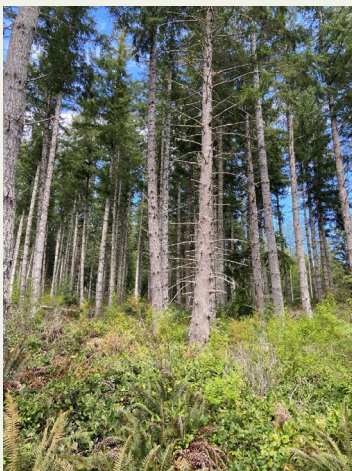
## LANDSCAPE VIEW



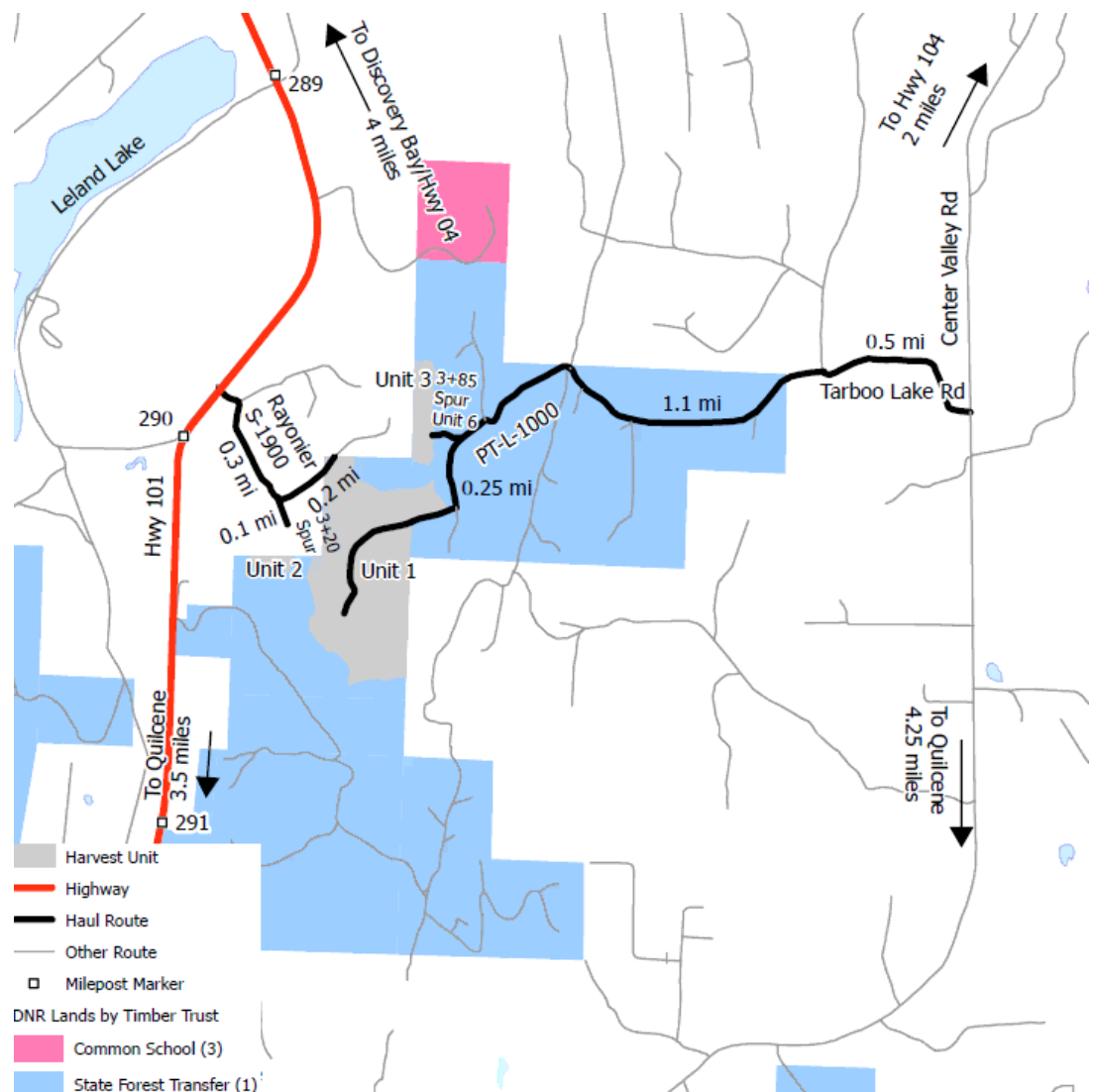
Unit 1



Unit 2



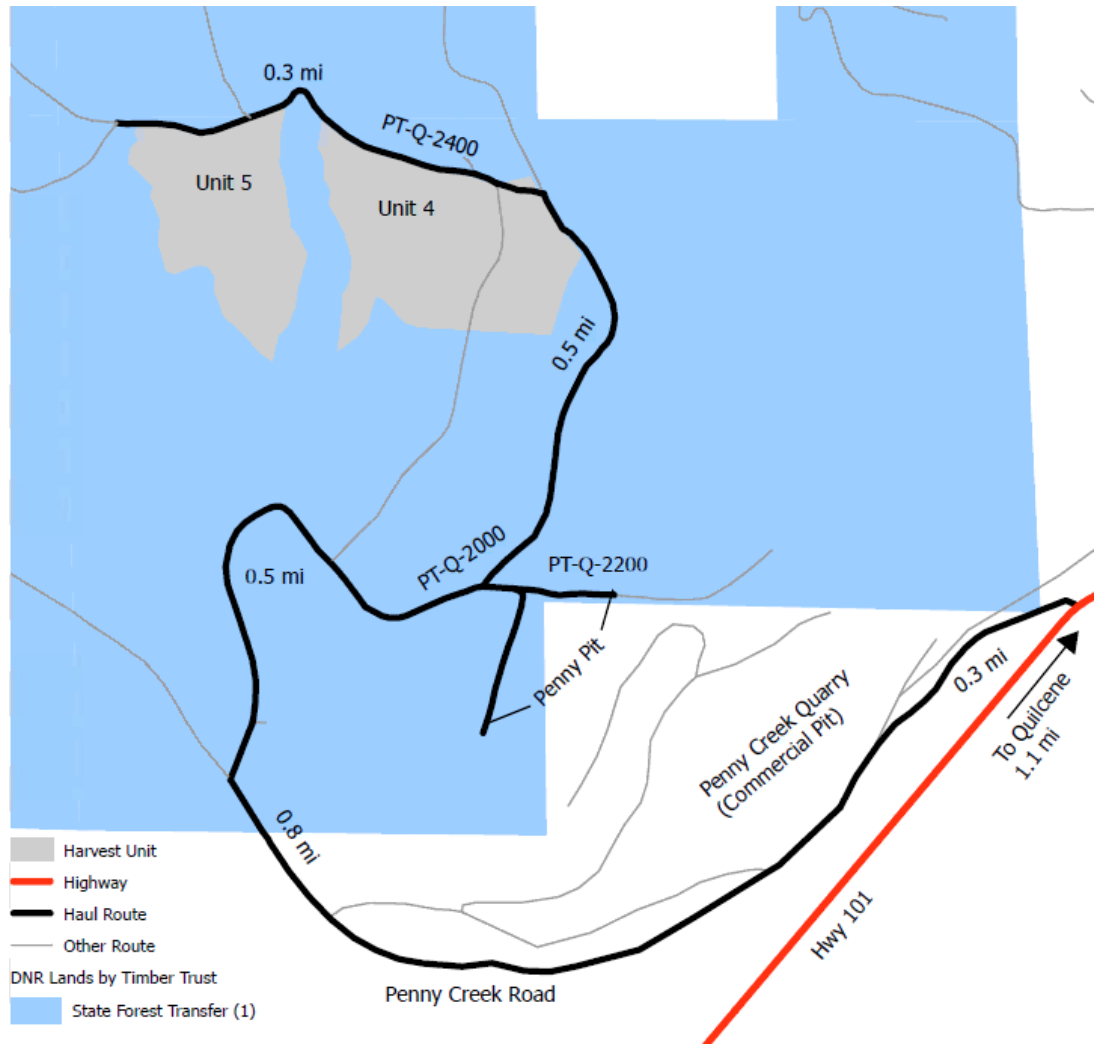
Unit 3



## LANDSCAPE VIEW (Cont)



Unit 4



Unit 5

## ESTIMATED TRUST 01 REVENUE BREAKDOWN\*

Trust 01 - Clallam County - Tax Code Area 301, 303, & 307\*

Taxing District	Total to Fund
Jefferson County	\$ 100,705
Conservation Futures	\$ 3,020
Port of Port Townsend	\$ 41,595
PUD	\$ 6,615
Jefferson County Roads	\$ 81,034
State School 1	\$ 153,174
State School 1	\$ 82,167
Quilcene School District	\$ 105,405
EMS District #2	\$ 47,129
Hospital District #2	\$ 5,876
Cemetery District #2	\$ 2,679
Jefferson County Library	\$ 31,351
<b>Totals:</b>	<b>\$ 660,750***</b>

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



**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# NEW FOX TIMBER SALE

Region: **Olympic**

County: **Jefferson**

District: **Coast**

Unit: **Willy-Huel**

Planned BNR meeting: **December 2024**

Planned auction date: **January 29, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 9/1; SEPA NFD signed on 12/2

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	57	VRH	Post 1930	Maturation II
2	7	VRH	Post 1930	Maturation II
3	5	VRH	Post 1930	Maturation II
4	7	VRH	Post 1930	Maturation II
5	18	VRH	Post 1965	Biomass/Stem Exclusion
6	6	VRH	Post 1975	Biomass/Stem Exclusion
7	17	VRH	Post 1920	Maturation II
8	6	VRH	Post 1920	Maturation II
9	46	VRH	Post 1920	Maturation II
10	72	VRH	Post 1960	Biomass/Stem Exclusion
11	51	VRH	Post 1920	Biomass/Stem Exclusion
12	17	VRH	Post 1975	Biomass/Stem Exclusion
13	8	VRH	Post 1975	Biomass/Stem Exclusion
14	4	VRH	Post 1975	Biomass/Stem Exclusion
15	47	VRH	Post 1975	Biomass/Stem Exclusion
16	2	VRH	Post 1975	Biomass/Stem Exclusion

## Product Sales and Leasing Division

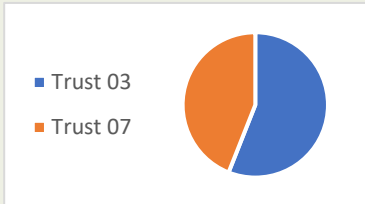
### General Location



### Sale Specifics

HCP Planning Unit: **OESF**  
Management Block: **Willy-Huel**  
Sale Type: **Lump Sum**  
Volume: **10,744 mbf**  
Appraisal: **\$1,784,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **560**  
Final harvest acres: **370**  
Conservation and Leave tree acres: **190**  
Percent conservation and leave tree acres: **34%**

### Notable Protected Features

FP rule-identified landforms, Riparian Areas, Wetlands, Legacy Trees, Old-Growth

### Certifications

Sustainable Forestry Initiative



## DESCRIPTION OF SALE

New Fox timber sale is a 16-unit proposal in the Hoh River drainage. Most of the proposed units contain conifer trees that is less than 70-years old that has been managed through planting and commercial thinning. Units 1-4 and Units 8-9, are naturally regenerated, second growth stands with stand origin dates between 70-100 years old. All units have been field checked for the presence of old-growth and critical wildlife habitat.

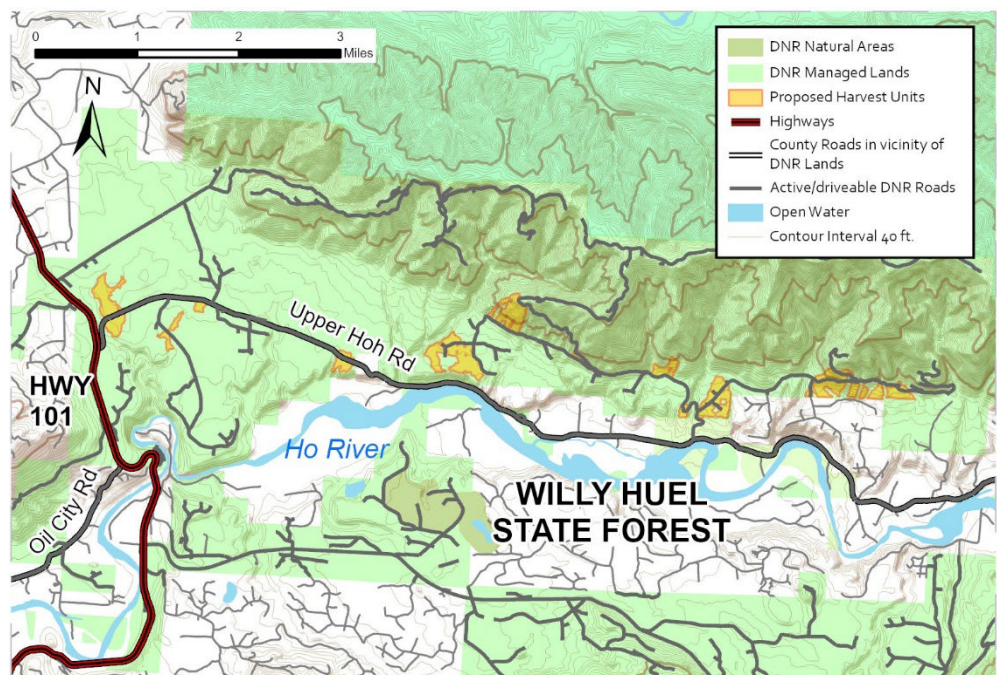
## OLD GROWTH ASSESSMENT

An old-growth assessment was triggered by high and moderate WOGHI points located in and adjacent to the proposal and due to forester observations of large, western red cedar in the vicinity of Unit 1. An 18-acre polygon of old growth forest was delineated and deferred from harvest in the vicinity of Unit 1. All other areas assessed did not meet the criteria for deferral. Few remnants trees are scattered throughout the units, which will be retained as part of the leave tree strategy.

## SILVICULTURAL PRESCRIPTION

Replant with a target 400 tree per acre (300tpa DF, 100tpa WH)

## LANDSCAPE VIEW





**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# FIVE DOLLAR BILL TIMBER SALE

Region: **Pacific Cascade**

County: **Lewis**

District: **Lewis**

Unit: **Independence Valley**

Planned BNR meeting: **December 2024**

Planned auction date: **January 30, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 10/8, SEPA NFD signed on 10/25

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	78.9	VRH	1944, 1958	Biomass Accumulation/Stem Exclusion Maturation I & Maturation II

## DESCRIPTION OF SALE

Five Dollar Bill Timber Sale, Agreement No. 30-104155 and Forest Practices Application No. 2942846. This is a variable retention harvest with 79 acres in 1 unit, removing approximately 4,494 MBF of timber, with 5,285 feet of road construction, 5,015 feet of road reconstruction, and 11,945 feet of pre-haul maintenance.

## CONSERVATION AREAS

Five Dollar Bill protects waterways and riparian habitat by excluding approximately 54 acres of riparian management zones and retains 6.2 acres of upland habitat through the utilization of clumped leave trees instead of scattering them evenly across the sale area.

## SILVICULTURAL PRESCRIPTION

Unit 1: Replant with an average of 345 Douglas-fir and 15 western red cedar per acre.

## GEOLOGY

Five Dollar Bill is similar to other proposals in the Lincoln Block and contains evidence of inner gorges and bedrock hollows. These Forest Practices rule-identified-landforms were located completely within the riparian management zones and bound out of the sale area.

## Product Sales and Leasing Division

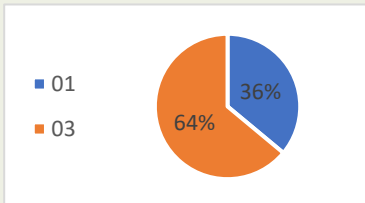
### General Location



### Sale Specifics

HCP Planning Unit: **South Coast**  
Management Block: **Lincoln**  
Sale Type: **Lump Sum**  
Volume: **4,494 mbf**  
Appraisal: **\$1,563,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **139.1**  
Final harvest acres: **78.9**  
Conservation and leave tree acres: **60.1**  
Percent conservation and leave tree acres: **43%**

### Notable Protected Features

Potentially Unstable Slopes

### Certifications

Sustainable Forestry Initiative



## LANDSCAPE VIEW



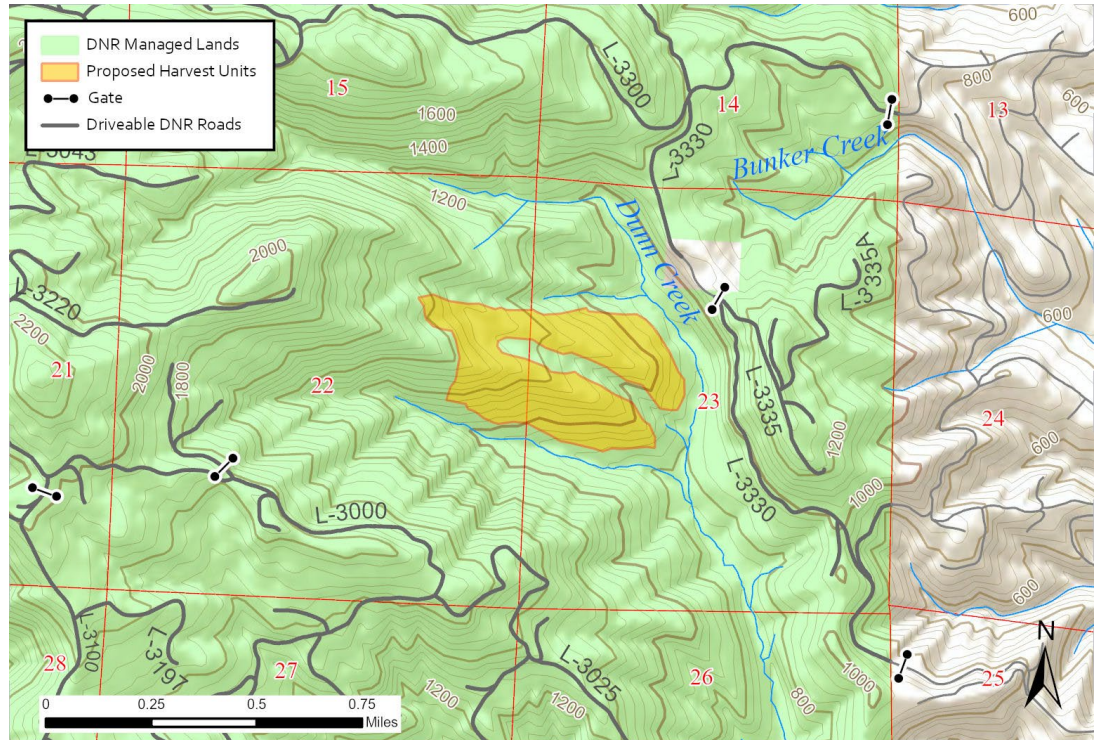
Unit 1: Douglas-fir is the dominant species in the overstory with some western hemlock and a few scattered western red cedar in the understory. Understory is sparse but in areas such as this photo was take there was enough to classify this portion of the sale as Maturation II.



Unit 1: The south portion of the sale area is dominated by a single cohort of Douglas-fir. Limited to no understory places this portion of the sale in the Biomass Accumulation/Stem Exclusion stage of stand development.



Unit 1: The north portion of the sale is again comprised of Douglas-fir in the overstory but here the fir are spaced enough to let light in to the forest floor and allow western hemlock to reinitiate in the understory. The western hemlock is still relatively short and just getting started. This portion of the sale area is in the Maturation I stage of stand development.



## ESTIMATED TRUST 01 REVENUE BREAKDOWN\*

Trust 01 - Lewis County - TCA 625\*\*

Taxing District	Distribution
County Regular	\$ 62,942
Lewis County Roads	\$ 83,835
Pe Ell School District	\$ 100,125
Cemetery District #03	\$ 1,426
State Treas - Tax Levies	\$ 102,832
State Treas - Tax Levies 2	\$ 54,977
Timberland Library	\$ 16,341
<b>Totals:</b>	<b>\$ 422,479***</b>

\*Based on appraisal

\*\*2024 tax rates

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



**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# SERENDIPITY TIMBER SALE

**Region:** South Puget Sound      **County:** Mason

**District:** Hood Canal      **Unit:** Hoodsport

**Planned BNR meeting:** December 2024

**Planned auction date:** January 28, 2025

**Status of timber sale:** FPA approved October 29, 2024, SEPA NFD signed on October 31, 2024.

## Product Sales and Leasing Division

### General Location



### HARVEST UNIT DETAILS

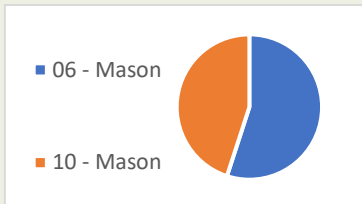
Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	47	VRH	Post 1930 with pre-1850 remnants	Maturation II
2	10	VRH	Post 1930 with pre-1850 remnants	Maturation II
3	58	VRH	Post 1930 with pre-1850 remnants	Maturation I/Maturation II
4	0.7	R/W	Post 1930	Not applicable
5	2	VRH	Post 1930	Not applicable (less than 5 acres)
6	0.3	R/W	Post 1930	Not applicable
7	4*	R/W	Post 1930, 2004 and 2010	Not applicable

\*Unit 7 will not remove any merchantable timber therefore the associated acres are not counted towards the final harvest acres.

### Sale Specifics

HCP Planning Unit: **Straits**  
Management Block: **Hood Canal**  
Sale Type: **Lump Sum**  
Volume: **2,250 mbf**  
Appraisal: **\$383,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **178**  
Final harvest acres: **118**  
Conservation & leave tree acres: **60**  
Conservation and leave tree acres: **34%**

### Notable Protected Features

Streams, wetlands, balds, old-growth remnants, FP rule-identified landforms

### Certifications

Sustainable Forestry Initiative

### DESCRIPTION OF SALE

This sale consists of 4 VRH units and 3 associated right-of-way units within the Hood Canal State Forest. This origin date of the stands within this sale are post-1930 with some individual old-growth remnants, with some of the right-of-way units crossing through planted stands from 2004 and 2010. FRIS data shows the origin dates ranging from 1950-1989. Overstory species composition consists primarily of Douglas-fir with the southwest and southern edges of Unit 3 containing hardwood with some Douglas-fir. Shade tolerant western hemlock and western redcedar are present primarily in the understory. The sale average DBH for Douglas-fir is 16.0" for 15.0" for

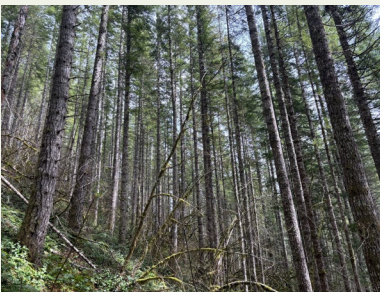




Unit 1: epicormic branching



Unit 2



Unit 2: representative of stand



Unit 3: representative of stand

western hemlock, 10.3" for red alder, 12.8" for bigleaf maple, 15.3" for redcedar, and 28.7' for black cottonwood. There are no WOGHI points within or adjacent to the sale area. Road work on this sale includes maintenance on the USFS 24, which is heavily used by recreationists.

### **UNIQUE SALES CHARACTERISTICS**

Four balds less than 1 acre are located in Unit 3. The construction of a new spur road will pass over the top of one bald for 180 feet. A mitigation plan was created in consultation with a State Lands biologist and impact to this bald has been minimized. All balds will be protected from logging equipment impacts and from silviculture activities.

Yarding from Unit 2 will occur over a Type 4 stream and through the associated RMZ. Alternatives were evaluated and this is the least environmentally impactful; the other alternative to access this unit would include constructing road across the Type 4 and in a location of an inner gorge. Protection measures associated with yarding across the Type 4 stream include: limiting width and proximity of each yarding corridor, leaving onsite any trees cut within the RMZ for corridors, and fully suspension of logs over the stream during yarding.

### **CONSERVATION AREAS**

Leave trees were selected in compliance with DNR's leave tree procedure, prioritizing protection to streams, wetlands, individual remnant old-growth, potentially unstable slopes, and balds. The riparian and wetland buffers consist of the same species composition and stand development stage as the VRH harvest units. Although no trees 60" DBH or larger were identified during layout, they will be retained as leave trees if discovered.

No timber will be removed from Unit 7 right-of-way, which is located within young stands. If necessary for the construction of Spur 1, leave trees of the previous harvest within the right-of-way limits will be cut and left onsite. The remainder of Unit 7 are young, non-merchantable trees.

There is an occupied marbled murrelet site approximately 520 feet south of Unit 3. This proposal is outside the buffer of the occupied site and is compliant with DNR's marbled murrelet long-term conservation strategy.

### **SILVICULTURAL PRESCRIPTION**

The units will be replanted using a mix of native conifer species and stocking type appropriate for the site, with 285 trees per acre (tpa) of western white pine, 100 tpa of Douglas-fir, and 50 tpa of western redcedar in Unit 1, and 270 tpa of Douglas-fir and 90 tpa of western redcedar in other units. Natural



regeneration of various species is expected to supplement plantings from leave trees and adjacent buffers.

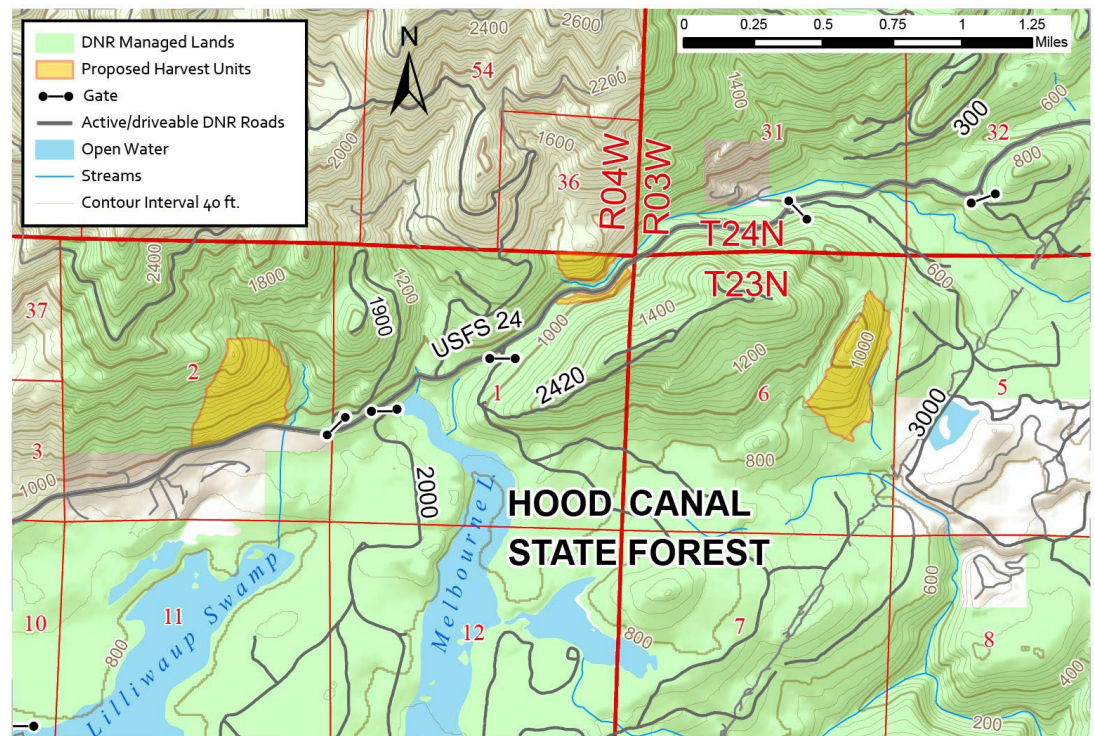
## GEOLOGY

The entire sale area was assessed by a qualified expert and licensed engineering geologist. All identified Forest Practices rule-identified landforms, bedrock hollows and inner gorges, are excluded from the harvest area with some outside the harvest units and some protected with non-tradeable leave tree areas.

## PUBLIC USE BENEFITS

This timber sale is located within the Hood Canal State Forest, which is open to, and heavily used by, recreationists. More than 8 miles of maintenance of existing roads, which receive significant impact from use by the recreating public.

## LANDSCAPE VIEW





**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# FINALE TIMBER SALE

**Region:** Pacific Cascade

**County:** Pacific

**District:** St Helens

**Unit:** Naselle

**Planned BNR meeting:** December 2024

**Planned auction date:** January 30, 2025

**FPA Classification:** III

**Status of timber sale:** FPA approved on 10/7; SEPA Notice of Final Determination signed on 10/30

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	95	VRH	1925-1929	Maturation I & II
2	16	VRH	1926	Maturation II
3	15	VRH	1924-1926	Maturation I & II

## DESCRIPTION OF SALE

Finale Timber Sale, Agreement No. 30-106590 and Forest Practices Application No. 2942846. This is a variable retention harvest with 126 acres in 3 units of variable retention harvest, removing approximately 9,442 MBF of timber, with 5,704 feet of road construction, and 39,113 feet of pre-haul maintenance.

The sale consists of a mix of Douglas-fir and western hemlock with some western redcedar and Sitka spruce mixed in throughout the stand. The average diameters at DBH are DF 25.8", WH 19.8", RA 15.1", and RC 14.6". Stand origin ranging between 1924-1929.

Standard leave tree guidance was applied, targeting potentially unstable slopes and structurally unique trees where found. Contractually, no trees over 60" DBH are to be harvested whether marked as a leave tree or not.

Riparian areas are largely made up of red alder, western hemlock, Douglas-fir, and a few scattered Sitka spruce and western red cedar.

The stage of stand development for the harvest areas within this proposal on the stand level scoring using the Van Pelt guide (Van Pelt 2007) includes predominately Maturation 1 and Maturation 2.

## Product Sales and Leasing Division

### General Location

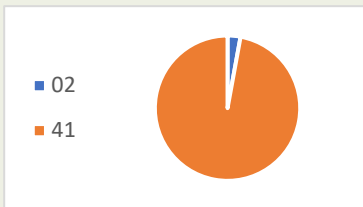


### Sale Specifics

HCP Planning Unit: **Columbia**  
Management Block: **Salmon Creek**

Sale Type: **Lump Sum**  
Volume: **9,442 mbf**  
Appraisal: **\$2,381,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **276**  
Final harvest acres: **126**  
Conservation and leave tree acres: **149**  
Percent conservation and leave tree acres: **54%**

### Notable Protected Features

Riparian areas and FP rule identified landforms.

### Certifications

Sustainable Forestry Initiative





Unit 1: While the north half of the unit displays little to no advanced regen, the south half has regen throughout.



Unit 2: Example of advance western hemlock regen 8' to 15' tall in understory.



Unit 3: Example of advance western hemlock regen only 2' to 4' in height present in the understory.

## OLD GROWTH ASSESSMENT

No old growth assessments were conducted for this sale.

## UNIQUE SALES CHARACTERISTICS

Cruise data shows a large component of high-quality wood to be harvested with this project. The DF is large and of high quality, with little defect. There is a lot of SM Grade logs with the High Quality B and Domestic logs.

7.4 miles of ungated DNR road maintenance will occur on with this project.

## CONSERVATION AREAS

Typical conservation of riparian areas along Type 3 and Type 4 streams and retention of 8 trees per acre. Potentially unstable slopes are described below. No units presented further biological or culturally unique characteristics requiring further conservation.

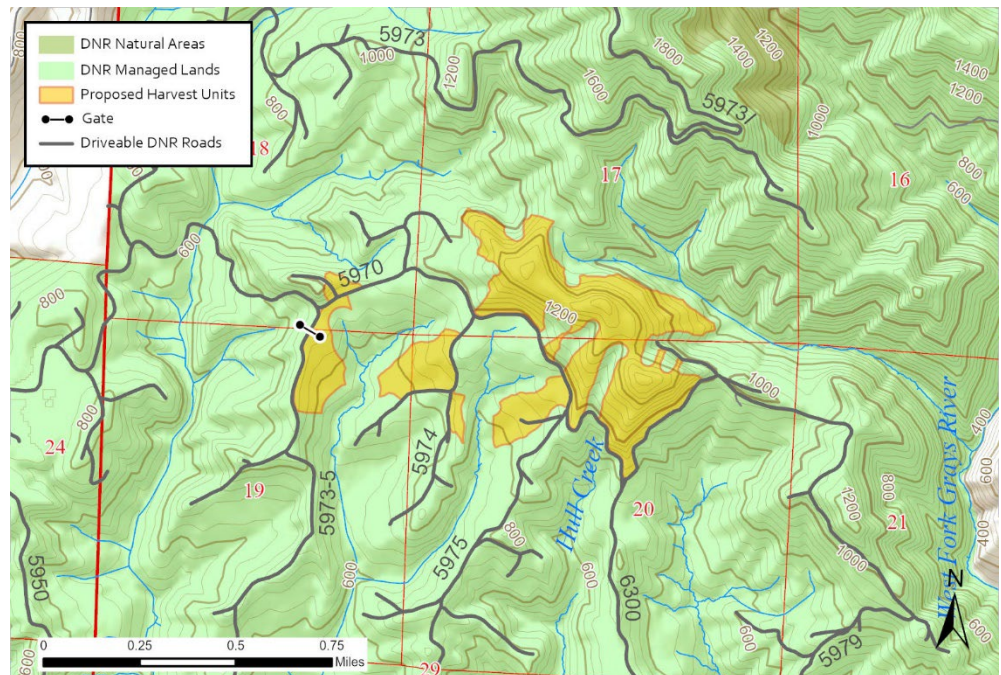
## SILVICULTURAL PRESCRIPTION

Regenerate with 300 TPA (100 western hemlock, 200 Douglas fir).

## GEOLOGY

Potentially unstable slopes were identified in Units 1 and 3 (inner gorges/convergent headwalls/bedrock hollows/toe of bedrock deep seated landslides). These areas were excluded from the sale area, totaling to approximately 13 acres. The forester, with guidance from the State Lands Geologist, bounded out all features with white "Timber Sale Boundary" tags a crown width from the break in slope.

## LANDSCAPE VIEW





## ESTIMATED TRUST REVENUE BREAKDOWN\*

State Forest Purchase (Trust 02) to Tax Code Area 58\*\*

Taxing District	Total to Fund
Naselle School District	\$3,189
State School Pt 1	\$4,205
State School Pt 2	\$2,255
Pacific County	\$2,933
Pacific Roads	\$1,845
Timberland Library	\$707
Hospital #2 Regular	\$1,080
PC EMS #1 District	\$715
PC EMS #1 Excess	\$736
Port of Ilwaco	\$505
<b>Totals:</b>	<b>\$18,172***</b>

Trust 41 - Per RCW 79.64.100 - TCA 58\*\*

Taxing District	Total to Fund
Naselle School District	\$107,529
State School Pt 1	\$141,805
State School Pt 2	\$76,058
Pacific County	\$98,923
Pacific Roads	\$62,209
Timberland Library	\$23,846
Hospital #2 Regular	\$36,428
PC EMS #1 District	\$24,127
PC EMS #1 Excess	\$24,824
Port of Ilwaco	\$17,045
<b>Totals:</b>	<b>\$612,793****</b>

\*Based on appraisal

\*\*Based on 2024 tax rates

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

\*\*\*\*Trust 41 Revenue Distribution: University of Washington (24.11%), DNR RMCA (8.03%), DNR FDA (17.86%), Pacific County (26.5%), State General Fund (23.5%)



**HILARY S. FRANZ**  
COMMISSIONER OF PUBLIC LANDS

# Q Mountain View TIMBER SALE

Region: **Northeast**

County: **Stevens**

District: **East Uplands**

Unit: **North Columbia**

Planned BNR meeting: **December 2024**

Planned auction date: **January 28, 2025**

FPA Classification: **III**

**Status of timber sale:** FPA approved on 4/1/2024. SEPA process complete. NFD signed on 4/22/2024.

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin
1	50	VRH	1914
2	61	VRH	1912
3	94	VRH	1924

## DESCRIPTION OF SALE

Improve stand health by adding early seral species resistant to root disease and remove as much mistletoe infected western larch and Douglas-fir in the proposal area as possible. Provide wildlife and riparian habitat by developing vertical stand structure and age class distribution in the future stands. Provide protection for golden eagle nesting habitat. Produce revenue for the Common School Trust (03) through the production of saw logs and pulp material. To improve stand vigor, health, and increase fire resiliency.

The proposal was marked to leave at least six trees per acre, selected from the largest available. Understory vegetation will be disturbed and/or reduced within the proposed harvest area as a result of timber harvest and site preparation activities. It is expected that vegetation will re-establish within 2 to 3 years after harvest activities are complete.

Reserve trees were selected in accordance with DNR's Retention and Perpetuation of Biological Legacies and Green Trees Procedure and Forest Practices Rules. Trees were left individually and in clumps in order to be conducive to safe operations and allowing distribution of wildlife trees throughout the proposal. Additional reserve trees were selected throughout the stands, with a higher priority given to trees with unique structural characteristics, evidence of bird usage, large diameters, and full crowns.

## Product Sales and Leasing Division

### General Location



### Sale Specifics

Sale Type: **Lump Sum**  
Volume: **4,259 MBF**  
Appraisal: **\$1,010,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **217**  
Final harvest acres: **205**

### Notable Protected Features

Streams, Wetlands, Legacy Trees, FP rule-identified landforms, T&E wildlife species

### Certifications

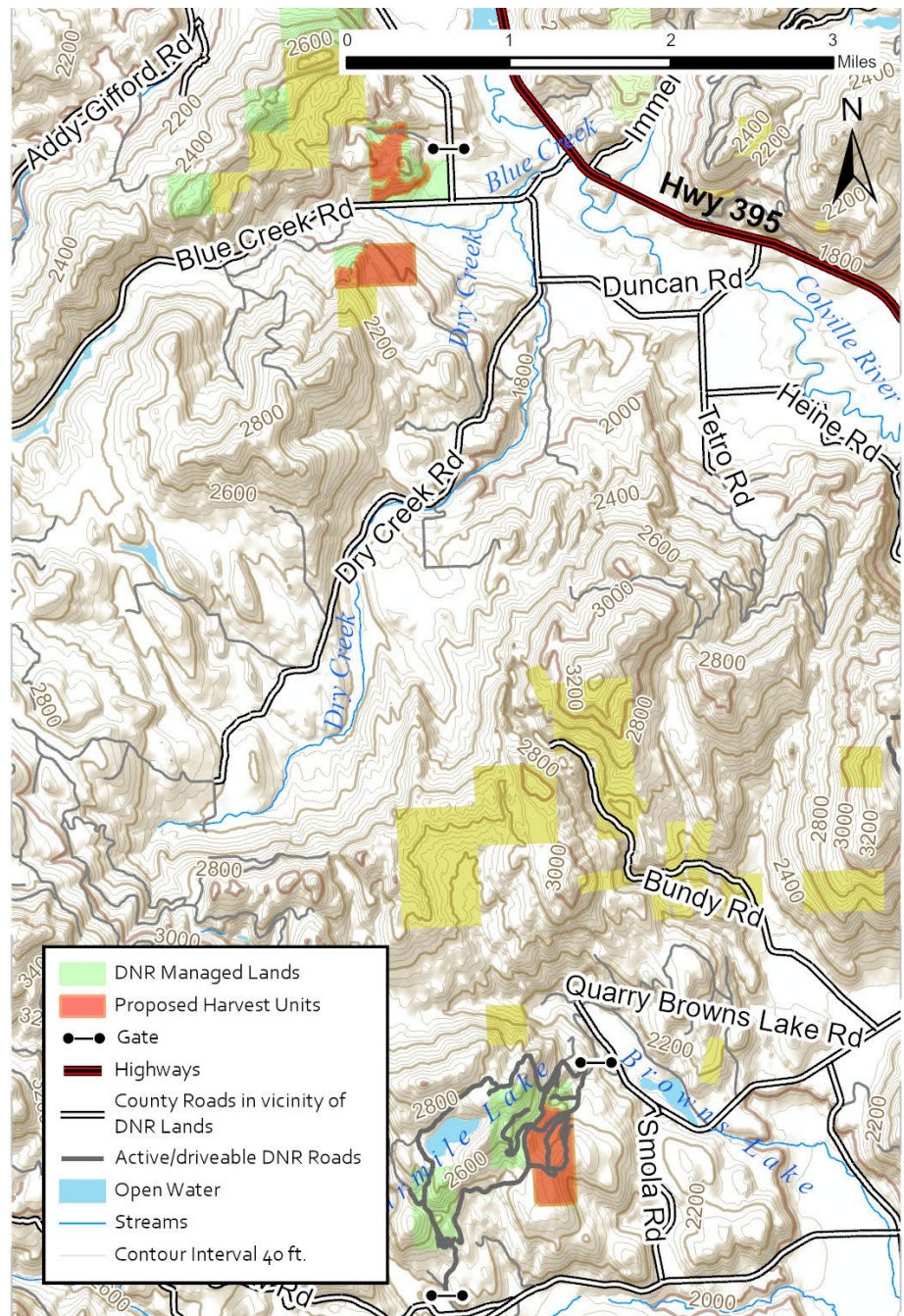
Sustainable Forestry Initiative

Species preference for reserve trees; ponderosa pine, western larch, western redcedar, Douglas-fir, lodgepole pine, and grand fir. Diameter of reserve trees range from 12 inches in diameter to 30 plus inches in diameter. Average reserve tree diameter is approximately 17 inches. Trees within the proposal area were marked with a blue band of paint identifying reserve trees. All Legacy Trees are retained. Snags and downed logs are left in accordance with Forest Practice Rules.

### SILVICULTURAL PRESCRIPTION

Replant with a mixture of ponderosa pine, western larch and Douglas-fir at approximately 220-300 TPA.

### LANDSCAPE VIEW







HILARY S. FRANZ  
COMMISSIONER OF PUBLIC LANDS

# EVERGREEN GOLD TIMBER SALE

Region: **South Puget Sound**

County: **Thurston**

District: **Black Hills**

Unit: **Littlerock**

Planned BNR meeting: **December 2024**

Planned auction date: **January 28, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved 12/7/23, SEPA NFD signed 10/31/24

## Product Sales and Leasing Division

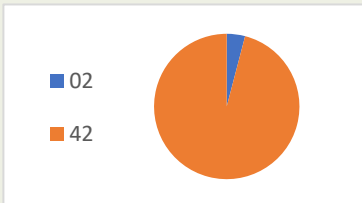
### General Location



### Sale Specifics

HCP Planning Unit: **South Coast**  
Management Block: **Capitol**  
Sale Type: **Lump Sum**  
Volume: **5,972 mbf**  
Appraisal: **\$3,100,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **87**  
Final net harvest acres: **68**  
Conservation & leave tree acres: **18**  
Percent conservation and leave tree acres: **21%**

### Notable Protected Features

Streams, cultural resources, potentially unstable slopes

### Certifications

Sustainable Forestry Initiative

## HARVEST UNIT DETAILS

Unit	Net Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	66	VRH	Post-1910	Maturation II
2	0.6	Right-of-Way	Post-1910	Not evaluated due to activity type and less than 5 acres
3	1.7	Daylighting	1988	Not evaluated due to activity type and less than 5 acres

## DESCRIPTION OF SALE

This sale is comprised of 1 VRH unit, 1 ROW unit, and 1 Daylighting unit within the Capitol State Forest. The origin date of the VRH unit, which dates from the decade following 1910, was determined using field sampling and observations of early logging followed by a fire. The ROW Unit 2 is of similar stand as Unit 1. The daylighting unit 3 is along an existing forest road, mostly within a stand planted in 1988. The overstory composition of the VRH unit consists primarily of Douglas-fir (DF) with a minor component of western hemlock (WH) and western redcedar (RC) with a scattering of bigleaf maple (MA) and red alder (RA). There is a large patch of root rot located in the southeast corner of Unit 1. The understory is primarily sword fern with areas of Oregon grape and salal. The sale average DBH is 29.4" for DF, 17.3" for RC, 19.5" for WH, 19.1" for MA, and 11.2" for RA. Stand development is predominately Maturation II with WH and RC present in the understory and bole zone as well as the main canopy in some areas. Large conifer snags, down woody debris, and large stumps from the previous harvest are present within Unit 1. No moderate or high weighted old-growth index (WOGHI) points were located within or adjacent to the harvest units and an old growth assessment was not conducted nor necessary.

This sale includes fish stream habitat improvements at existing stream



Fire scarred snag within Unit 1



Unit 1: Representative of stand



Unit 1: Representative of stand



Large residual stump within Unit 1

crossings, as well as maintenance to existing forest roads that are used by the public and the Cedar Creek Correctional Camp.

## CONSERVATION AREAS

Leave trees in the sale area are primarily arranged in clumps, with a few individually marked, at a density of 8 trees per acre across the VRH unit. Leave trees were selected to protect trees exhibiting or with potential for high wildlife use, with as much of the larger, older cohort plus trees exhibiting structural complexity targeted for leave trees. In addition, leave tree clumps were placed in locations to add protection for unique or sensitive features such as streams, existing forest structure, and potentially unstable slopes, as well as to capture a representation of the variety of existing species, and to protect cultural resources. Varying sizes of leave tree clumps will create horizontal diversity in the next stand. Although no individual remnant old-growth, nor trees 60" DBH or larger were identified during layout, they will be retained as leave trees, if discovered.

Streams adjacent to the sale have been typed and riparian buffers will contribute to long-term forest cover.

This sale was reviewed by an archaeologist and in consultation with tribes. Culturally modified trees were identified and protected within the sale area.

## SILVICULTURAL PRESCRIPTION

The VRH unit will be replanted with Douglas-fir and western redcedar at a rate of 330 trees per acre of Douglas-fir and 30 trees per acre of western redcedar. The western redcedar will be concentrated more heavily in wetter areas and in the root rot pocket in the southeast corner of the unit. Plantings will be supplemented with natural regeneration from seed trees of various native species within riparian buffers and leave tree areas. Assessments will be performed to ensure successful development of the next stand.

## GEOLOGY

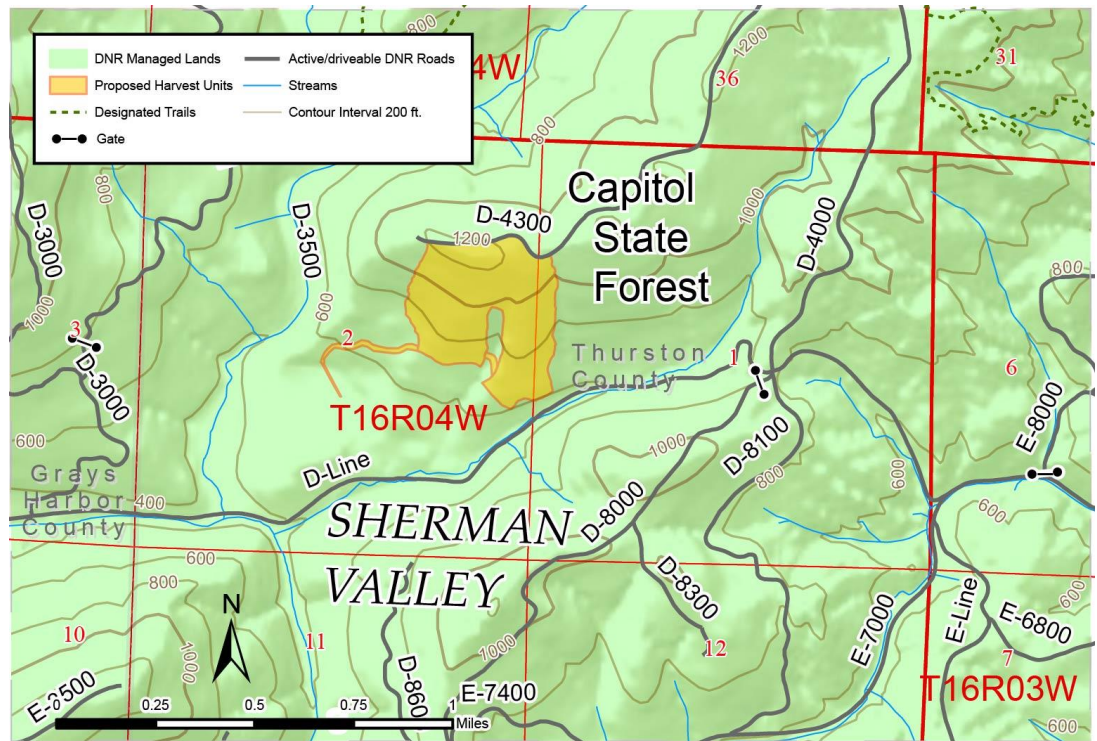
This sale was field assessed by a licensed engineering geologist and qualified expert. Forest Practices rule-identified landforms include one toe of a relict, bedrock deep-seated landslide with slopes >65% were identified and excluded from the harvest area. There are 5 relict, bedrock deep-seated landslides that were identified and assessed with this sale. These are not Forest Practices rule-identified landforms and the harvest unit overlaps a small portion of three of these.

## PUBLIC USE BENEFITS

This timber sale is located within the Capitol State Forest, which is open to, and heavily used by, recreationists. More than 3 miles of maintenance of existing roads, which receive significant impact from use by the recreating

public and access Cedar Creek Correctional Facility, will be completed with this timber sale. In addition, two existing stream culverts will be replaced with fish-passable culverts that will improve fish habitat while allowing land management activities and recreational opportunities.

### LANDSCAPE VIEW





## ESTIMATED TRUST 02 & 42 REVENUE BREAKDOWN\*

### Trust 02 - Thurston County - TCA 485\*\*

Taxing District	Total to Fund
State	\$8,722
County	\$3,326
Conservation Futures	\$105
Medic One	\$1,264
Port of Olympia	\$509
Timberland Library	\$910
County Road	\$2,910
Rochester School District	\$9,102
Fire District 11	\$735
West Thurston RFA	\$5,830
PUD #1	\$22
<b>Totals:</b>	<b>\$33,435***</b>

### Trust 42 - Per RCW 79.64.100 - TCA 485\*\*

Taxing District	Total to Fund
State	\$205,578
County	\$78,393
Conservation Futures	\$2,478
Medic One	\$29,804
Port of Olympia	\$11,995
Timberland Library	\$21,446
County Road	\$68,594
Rochester School District	\$214,523
Fire District #11	\$17,317
West Thurston RFA	\$137,422
PUD #1	\$514
<b>Totals:</b>	<b>\$788,065****</b>

\*Based on appraisal

\*\*Based 2024 tax rates

\*\*\*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

# CAKE WALK TIMBER SALE

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

**District:** Black Hills      **Unit:** Littlerock

**Planned BNR meeting:** December 2024

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

**FPA Classification:** III

**Status of timber sale:** FPA approved 10/25/24, SEPA NFD signed 10/31/2024

## HARVEST UNIT DETAILS

Unit	Net Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	44	VRH	Post-1910	Maturation II
2	31	VRH	Post-1900	Maturation II
3	1.2	Right-of-Way/Daylighting	1990	Not applicable
4	0.4	Right-of-Way	1990	Not applicable
5	0.1	Daylighting	1990	Not applicable
6	4.2	Daylighting	1980	Not applicable
7	1.1	Daylighting	1980	Not applicable

## DESCRIPTION OF SALE

This sale is comprised of 2 VRH units and 5 right-of-way (ROW) and daylighting units within the Capitol State Forest. The origin date of the VRH units, which dates from the decade following 1900 and 1910, was determined using field sampling and observations of early logging followed by a fire. The majority of the ROW and daylighting units consist of younger stands planted in 1990 or more recently. The overstory composition of Units 1 and 2 consist primarily of Douglas-fir (DF) with areas of mature western redcedar (RC) as a member of the pioneering cohort. Western hemlock (WH) RC are also present in the understory, but except for the pioneering cohort of RC, these do not enter the main canopy. There is also a scattering of big leaf maple (MA) and red alder (RA). The understory is dominated by vine maple with Oregon grape and sword fern. The sale average DBH is 27.7" for DF, 18.4" for RC, 21.2" for WH, 9.0" for MA, and 13.7" for RA. Structure within the stand consists of small diameter competition mortality with a few standing low wildlife value snags and many soft and deteriorating DF and RC

## Product Sales and Leasing Division

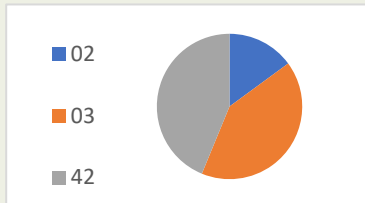
### General Location



### Sale Specifics

HCP Planning Unit: **South Coast**  
Management Block: **Capitol**  
Sale Type: **Lump Sum**  
Volume: **4,873 mbf**  
Appraisal: **\$2,521,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **155**  
Final net harvest acres: **82**  
Conserved & Leave tree acres: **70**  
Percent Conservation and Leave Tree Acres: **45%**

### Notable Protected Features

Streams, channel migration zones, potentially unstable slopes

### Certifications

Sustainable Forestry Initiative



Unit 1



Unit 1: residual stumps



Unit 2: gap with hardwoods



Unit 2

stumps from previous logging. No moderate or high weighted old-growth index (WOGHI) points were located within or adjacent to the harvest units.

This sale includes almost 6 miles of maintenance to existing forest roads that are used by the public.

### **CONSERVATION AREAS**

Leave trees in the sale area are primarily arranged in clumps, with a few individually marked, at a density of 8 trees per acre across the VRH units. Leave trees were selected to protect larger trees and those exhibiting structural complexity. In addition, leave tree clumps were placed in locations to add protection for unique or sensitive features such as streams and potentially unstable slopes, as well as to capture a representation of the variety of existing species. Varying sizes of leave tree clumps will create horizontal diversity in the next stand. Although no individual remnant old-growth, nor trees 60" DBH or larger were identified during layout, they will be retained as leave trees, if discovered and no old growth assessment was conducted.

Streams adjacent to the sale have been typed and riparian buffers will contribute to conservation areas. Channel migration zones (CMZs) associated with Lost Valley and Sherman Creeks were delineated by a licensed engineering geologist and riparian buffers were measured starting at the outer extent of the CMZs.

This sale was reviewed by an archaeologist and in consultation with tribes.

### **SILVICULTURAL PRESCRIPTION**

The VRH Unit 1 will be replanted with western red cedar at a rate of 540 trees per acre and Unit 2 will be replanted with Douglas-fir at a rate of 330 trees per acre. The western red cedar is planned in Unit 1 due to a high concentration of laminated root present in the stand. Plantings will be supplemented with natural regeneration from seed trees of various native species within riparian buffers and leave tree areas. Assessments will be performed to ensure successful development of the next stand.

### **GEOLOGY**

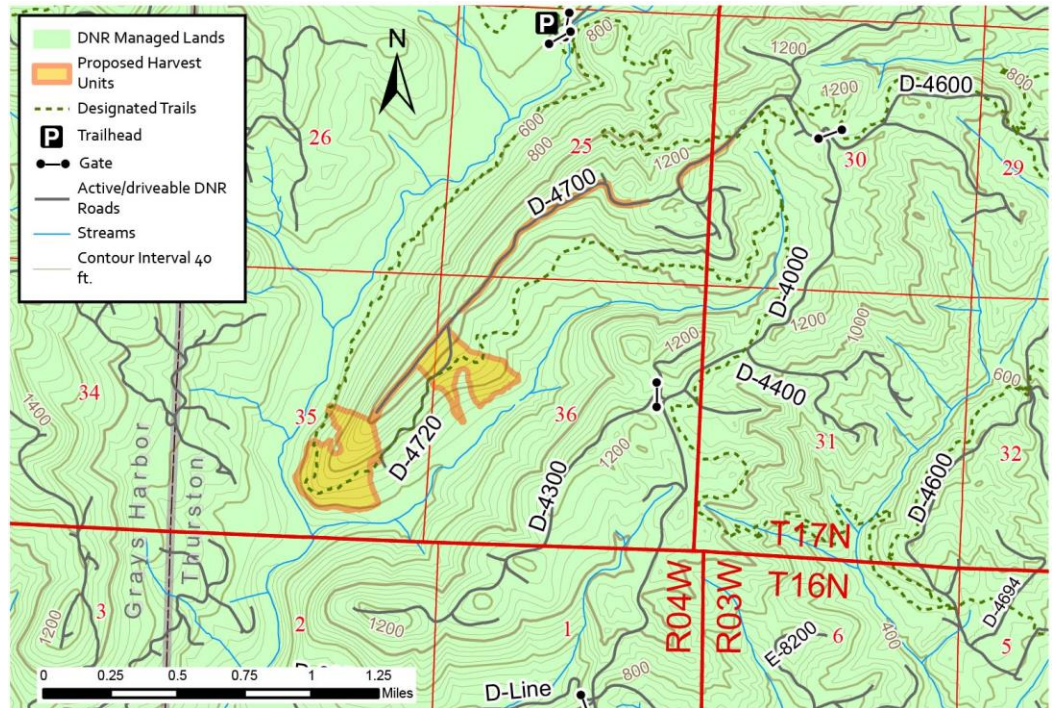
This sale was field assessed by a licensed engineering geologist and qualified expert. Forest Practices rule-identified landforms include bedrock hollows, inner gorges, and toes of relict, bedrock deep-seated landslides with slopes >65% were identified and excluded from the harvest area. There are relict, bedrock deep-seated landslides that were identified and assessed with this sale. These are not Forest Practices rule-identified landforms and the harvest unit overlaps a small portion of these.



## PUBLIC USE BENEFITS

This timber sale is located within the Capitol State Forest, which is open to, and heavily used by, recreationists. Almost 6 miles of maintenance of existing roads, which receive significant impact from use by the recreating public. The Lost Valley trail intersects these harvest units. This timber sale contract includes recreation trails within the harvest units to be temporarily closed during active operations for public safety. Trail repair and cleanout will be completed immediately upon completion of harvest activities by the timber sale Purchaser prior to re-opening trails for public use. DNR communications with user groups of planned temporary trail closures.

## LANDSCAPE VIEW



## ESTIMATED TRUST 02 & 42 REVENUE BREAKDOWN\*

### State Forest Purchase to Tax Code Area 485\*\*

Taxing District	Total to Fund
State	\$26,019
County	\$9,922
Conservation Futures	\$314
Medic One	\$3,772
Port of Olympia	\$1,518
Timberland Library	\$2,714
County Road	\$8,682
Rochester School District	\$27,151
Fire District 11	\$2,192
West Thurston RFA	\$17,393
PUD #1	\$65
<b>Totals:</b>	<b>\$99,742***</b>

### Trust 42 - Per RCW 79.64.100 to Tax Code Area 485\*\*

Taxing District	Total to Fund
State	\$76,297
County	\$29,094
Conservation Futures	\$919
Medic One	\$11,061
Port of Olympia	\$4,452
Timberland Library	\$7,959
County Road	\$25,458
Rochester School District	\$79,617
Fire District #11	\$6,427
West Thurston RFA	\$51,002
PUD #1	\$191
<b>Totals:</b>	<b>\$292,479****</b>

\*Based on appraisal

\*\*Based on 2024 tax rates

\*\*\*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

# JUNIA TIMBER SALE

Region: **Northwest**

County: **Whatcom**

District: **Baker**

Unit: **Hamilton**

Planned BNR meeting: **December 2024**

Planned auction date: **January 29, 2025**

FPA Classification: **III**

Status of timber sale: FPA approved on 10/17/2024, SEPA NFD signed on 10/14/2024

## Product Sales and Leasing Division

### General Location



### Sale Specifics

HCP Planning Unit: **North Puget**  
Management Block: **Galbraith**

#### Mountain

Sale Type: **Lump Sum**

Volume: **1,489 mbf**

Appraisal: **\$497,000**

### Trust Distribution



### Conservation Facts

Original planned acres: **48.1**

Final harvest acres: **41.6**

Conservation and leave tree acres: **6.5**

Percent conservation and leave tree area: **13.5%**

### Notable Protected Features

Streams, Wetlands, FP rule identified landforms, Recreation Trails

### Certifications

Sustainable Forestry Initiative

## HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	42	VRH	1945 - 1954 70-80 years old	Biomass Accumulation/ Stem Exclusion

## DESCRIPTION OF SALE

The Junia timber sale consists of one 42-acre Variable Retention Harvest (VRH) unit within a 50-acre parcel of State trust land surrounded by privately owned timberlands. Timber sales and leases on this parcel produce revenue for the State Forest Purchase (02) trust.

The VRH unit comprises a mixed conifer stand dominated by Douglas-fir with a codominant cohort of western redcedar and minor components of western hemlock and red alder. A significant portion of the unit contains high levels of mortality in the Douglas-fir, likely caused by a fungal pathogen. Much of the sale area has tight canopy closure and very little understory vegetation. Where present, understory vegetation species composition varies based on site conditions. Dry sites on the ridges and near the stand edges contain salal, Oregon grape, and baldhip rose. Wet sites on north-facing slopes and in swales contain vine maple and devils club. Sword fern, salmonberry, red huckleberry, and elderberry are found throughout the sale area. The average tree diameter at breast height (DBH) is around 18 inches, with a high proportion of smaller stems of western redcedar. The largest diameter class of Douglas-fir, between 30 and 40 inches DBH, have been retained as scattered leave trees where operations and safety allow. Leave trees were selected to provide biological legacy, retain wildlife habitat, and for visual appeal.



## OLD GROWTH ASSESSMENT



Co-dominant western redcedar in canopy with Douglas-fir.



Scant understory, self pruning.



Douglas-fir mortality with emerging understory cohort.

This area was harvested completely by the early 1940's as evidenced by the historical ortho photo record. No old growth assessment was conducted. The stand is almost entirely a 70-80 year old cohort of Douglas-fir with a co-dominant cohort of western redcedar. A core sampler was used to count tree rings on a selection of dominant stems within the stand, and no trees older than 100-years-old were found.

Using the *Key to Stand Development Stages* in the DNR publication, [Identifying Mature and Old Forests in Western Washington](#) (Van Pelt 2007, 46-47) most of the sale area is classified as a single cohort stand in the Biomass accumulation/stem exclusion stage of development. Scattered areas within the stand key out to the Maturation I stage due to understory development following high mortality in the dominant Douglas-fir.

## CONSERVATION AREAS

Approximately 12 acres of the Junia timber sale lie within the Lake Whatcom watershed. Prescriptions for timber harvest and road construction have been applied in accordance with the Lake Whatcom Landscape Plan (LWLP), for which the LWLP Inter-Jurisdictional Committee was consulted. A seasonal restriction on operations within the watershed will be in place from Nov. 1 – March 31 to reduce soil impacts during wet weather. Around 3 acres of trust land within the Lake Whatcom watershed containing a forested wetland and no-harvest wetland management zone have been retained as long-term forest cover. In addition to the eight leave trees per acre required for retention for wildlife habitat and biological legacy by the DNR State lands Habitat Conservation Plan, one additional leave tree per acre has been retained to improve aesthetic value and recreation user experience of the parcel.

## PUBLIC USE BENEFIT

The sale area contains two miles of DNR-designated non-motorized recreational trails. These trails, along with the DNR-maintained roads, are part of a heavily trafficked trail system called Galbraith Mountain containing over 65 miles of non-motorized trails across 3000 acres of privately and publicly owned land. The timber sale contract aims to protect trails by limiting equipment impacts during operations and rehabilitate trails by clearing debris following the harvest. New road construction and post-haul road maintenance will create and improve non-motorized routes within the trail system. NW region staff will work with the operator and Whatcom Mountain Bike Coalition, our non-profit trail management partner, to post signage and conduct public outreach regarding trail closures during harvest operations.

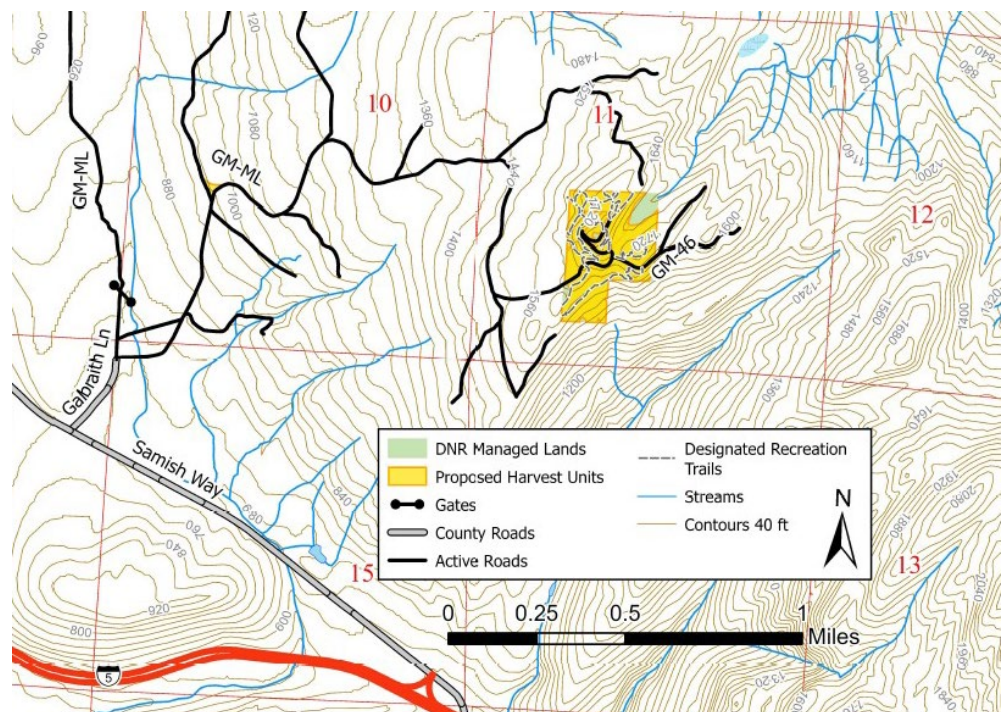
## COMMUNICATION LEASE SITES

Four communication tower lease sites are present within the timber sale area. The lease sites provide a significant and diversified income source for this parcel but require considerations for access and transmission paths. Contract language includes maintaining access to the tower sites for leaseholder designees during timber sale operations. Several potential landing locations have been restricted from tower operations due to potential interference with microwave beam paths. Ensuring uninterrupted transmission for all three tower sites also requires removing tall trees from transmission corridors while the surrounding stand is in a mature status. This timber sale will allow for many years of uninterrupted transmission while the new stand grows.

## SILVICULTURAL PRESCRIPTION

Following harvest, VRH portions of the timber sale area will be planted to a density of 360 trees per acre with a mix of conifer species which may include Douglas-fir, western redcedar, western hemlock, noble fir, and white pine. Areas with high Douglas-fir mortality will be replanted with species less susceptible to Douglas-fir pathogens. Where operations allow, non-merchantable shade-tolerant trees will be retained to shelter the new stand from environmental impacts and to develop stand structure.

## LANDSCAPE VIEW



## ESTIMATED TRUST 02 REVENUE BREAKDOWN\*

Trust 02 – State Forest Purchase to Tax Code Area 1006\*\*

<b>Taxing District</b>	<b>Total to Fund</b>
State School 1	\$ 25,774
State School 2	\$ 13,835
County Current Expense	\$ 9,428
County Mental Health	\$ 231
County Election Reserve	\$ 109
County Dev Disabilities	\$ 231
County Veteran's Relief	\$ 208
County Children's Initiative	\$ 208
Conservation Futures	\$ 423
Flood Control Zone	\$ 1,962
Port of Bellingham Current Expense	\$ 2,142
Port of Bellingham Non-voted GO Bonds	\$ 256
Port of Bellingham New What RDA Lift	\$ 3
County Road District	\$ 13,789
Rural Library District	\$ 4,733
Bellingham School District Enrichment	\$ 21,862
Bellingham School District Bond	\$ 22,310
Bellingham School District Cap Project	\$ 10,139
Whatcom County EMS	\$ 4,064
<b>Totals:</b>	<b>\$ 131,705***</b>

\*Based on appraisal

\*\*2024 tax rates

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