



November 5, 2024

Board of Natural Resources

Timber Sales Fact Sheets



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

PARCHED TIMBER SALE

Region: **Olympic**

County: **Clallam**

District: **Straits**

Unit: **Port Angeles**

Planned BNR meeting: **November 2024**

Planned auction date: **December 18, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved 5/25/2023, SEPA NFD signed 11/1/2024

HARVEST UNIT DETAILS

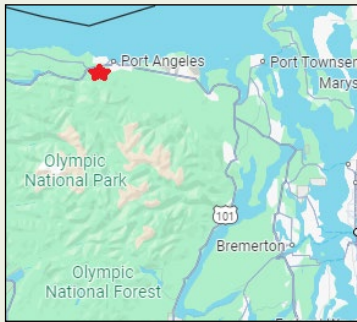
Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	62	VRH	Post 1910	Maturation II
3	59	VRH	Post 1915	Maturation II
4	22	VRH	Post 1915	Maturation II
5	28	VRH	Post 1990	Biomass /Stem exclusion
6	15	VRH	Post 1880	Maturation II

DESCRIPTION OF SALE

The Parched timber sale is located approximately 2 miles southwest of Port Angeles, WA located in the Port Angeles and Sutherland-Aldwell WAUs. It encompasses approximately 314 gross acres with an estimated sale volume of 7,393 mbf. This proposal consists of five variable retention harvest (VRH) units with associated Right-of-Ways (ROW) units. Within the proposal area, there are 36 acres of Riparian Management Zones (RMZ), over 3 acres of Wetland Management Zones (WMZ), and approximately 10 acres of Leave Tree Areas (LTA). The net harvest acreage is 192 acres. Additionally, three stands totaling 73 acres of newly identified Old Growth were discovered during the layout of this proposal and have been permanently deferred from future harvest. Approximately 10,283 feet of new road construction, 2,075 feet of road reconstruction and 50,077 feet of pre-haul maintenance are proposed to meet access needs into the sale area.

Product Sales and Leasing Division

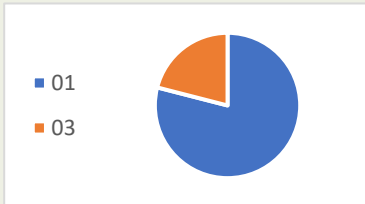
General Location



Sale Specifics

HCP Planning Unit: **Straits**
Management Block: **Port Angeles**
Sale Type: **Lump Sum**
Volume: **7,391 mbf**
Appraisal: **\$2,431,000**

Trust Distribution



Conservation Facts

Original planned acres: **314**
Final harvest acres: **192**
Conservation and leave tree acres: **121**
Percent conservation and leave tree acres: **39%**

Notable Protected Features

Riparian and Wetland areas, FP Rule-Identified Landforms, Old Growth Forests

Certifications

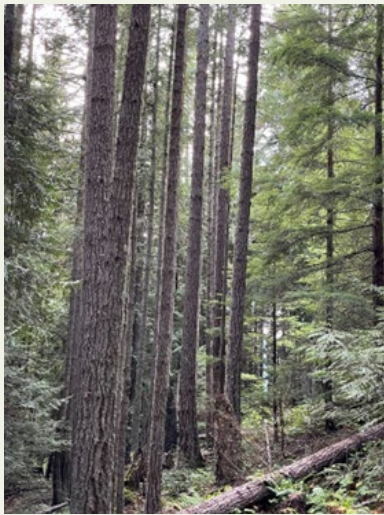
Sustainable Forestry Initiative



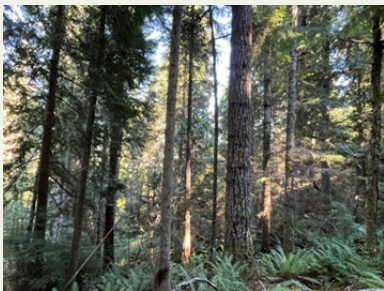
Unit 1



Unit 3



Unit 4



Unit 6

OLD GROWTH ASSESSMENT

Old growth assessments were triggered near Units 1 and 3 due to field observations made by the foresters of large trees exhibiting old growth characteristics. An additional old growth assessment was triggered near Unit 3 by the presence of a “moderate” WOGHI point. These assessments resulted in the delineation of three separate Old-Growth stands totaling 73 acres. These stands were removed from the proposal and are permanently deferred from future harvest. Additionally, all units associated with the Parched timber sale were field reviewed by an Old Growth Designee and qualified field staff. Scattered remnant trees outside of the deferred stands were also marked as individuals for retention within the sale area. The contract of this timber sale restricts the harvest of trees over 60” dbh.

SILVICULTURAL PRESCRIPTION

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

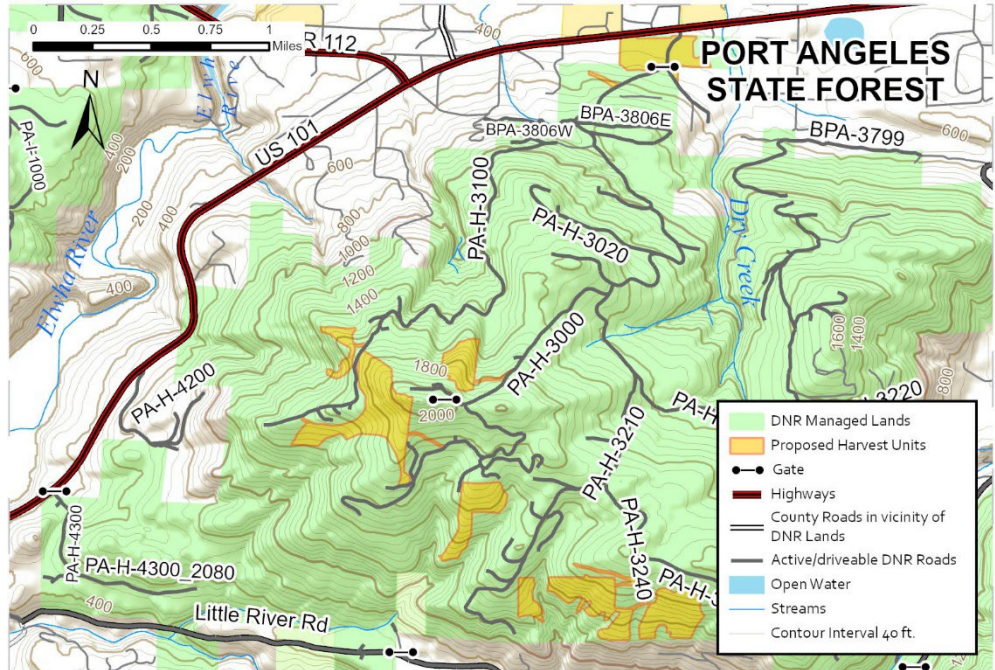
GEOLOGY

Inner gorges, bedrock hollows, groundwater recharge areas of glacial deep-seated landslides, and other landforms displaying combined signs of slope instability were identified around the proposal area via a field review with a licensed State Lands Geologist. All features with a moderate to high-risk of failure and delivery to a public resource have been excluded from the proposed harvest area. This project includes plans to stabilize an area of shallow sliding on the PA-H-3100 road as required by Forest Practices.

OUTREACH

Approximately 162 acres of the Parched timber sale is within the 206,864-acre Elwha River Watershed. DNR ownership within the Elwha River is approximately 7,700 acres or 4% of the entire watershed. Tree Well accounts for less than 0.08% of the Elwha Watershed. DNR’s planned harvest for the next 5 years on ownership within the Elwha Watershed totals 668 acres which is 0.3% of the watershed. The DNR has conducted extensive outreach with local tribes, Clallam County, junior taxing districts, among other stakeholders.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Clallam County - TCA 102**

Taxing District	Total to Fund
Clallam County Roads	\$ 129,335
Port Angeles School District	\$ 160,552
Port Angeles School District	\$ 306,525
Port of Port Angeles	\$ 18,364
State 1	\$ 250,628
State 2	\$ 134,452
Conservation Futures	\$ 2,962
Clallam County	\$ 128,111
Fire District #2	\$ 159,981
North Olympic Library	\$ 48,791
Hospital District #1	\$ 52,792
William Shore Memorial Pool	\$ 53,528
Totals:	\$ 1,446,020***

*Based on appraisal

**Based on 2023 assessment for 2024 tax year.

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

ALLEY CAT TIMBER SALE

Region: **Olympic**

County: **Clallam**

District: **Straits**

Unit: **Port Angeles**

Planned BNR meeting: **November 2024**

Planned auction date: **December 18, 2024**

FPA Classification: **IV Special**

Proposed timber harvest activities within the topographic groundwater recharge area of a relict glacial deep-seated landslide

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

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	10	VRH	Post 1880	Maturation II
2	8	VRH	Post 1910	Maturation II
3	22	VRH	Post 1930	Biomass Accumulation/ Stem Exclusion
4A	26	VRH	Post 1940	Maturation II
4B	3	VDT	Post 1940	Maturation II
5	7	VRH	Post 1910	Biomass Accumulation/ Stem Exclusion
6	9	VRH	Post 1920	Maturation II
7	2	VRH	Post 1940	Maturation II
8	5	VRH	Post 1940	Maturation II

DESCRIPTION OF SALE

The Alley Cat timber sale is located in Clallam County, Washington approximately 6 miles west of Port Angeles. It encompasses approximately 139 gross acres with an estimated volume of 2,884 mbf. This proposal consists of eight variable retention harvest units (VRH), one WMZ thinning units, and five right-of-way units (ROW) and is located in the Sutherland-Aldwell WAU. Within the proposal area there are 4.7 acres of leave tree areas, 30.7 acres of riparian management zones, and 7.2 acres of wetland management zones. The net harvest acreage is 96 acres. Approximately 6,710 feet of new road construction, 4,045 feet of road reconstruction, and 15,455 feet of pre-haul maintenance have been proposed to meet the access needs of the sale area. The designated rock sources will be Place Pit and commercial sources.

Product Sales and Leasing Division

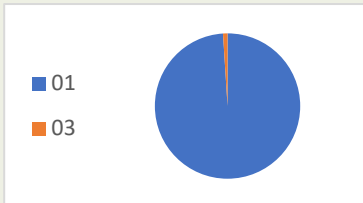
General Location



Sale Specifics

HCP Planning Unit: **Straits**
Management Block: **Port Angeles**
Sale Type: **Lump Sum**
Volume: **2,884 mbf**
Appraisal: **\$1,031,000**

Trust Distribution



Conservation Facts

Original planned acres: **139**
Final harvest acres: **96**
Conservation and leave tree acres: **43**
Percent conservation and leave tree acres: **31%**

Notable Protected Features

Riparian and wetland areas, FP Rule-identified landforms, older forest

Certifications

Sustainable Forestry Initiative

OLD GROWTH ASSESSMENT

An old growth assessment was triggered by a “high” WOGHI point within Unit 2 of this proposal. After field review, it was determined that this stand does not meet the criteria for deferral under DNR’s old-growth policy. Evidence suggests a history of heavy logging followed by fire activity. The structure of the stand is fairly uniform with moderate size Douglas-fir in a productive Site Class IV environment. There are a few scattered, large diameter remnant trees that were marked as individuals for retention. The contract of this timber sale restricts the harvest of trees over 60” dbh.

UNIQUE SALES CHARACTERISTICS

Unit 4B is a thinning unit within a wetland management zone. The thinning was designed to remove approximately one third of the volume of the unit from the subordinate crown classes. The remaining stand will consist of at least 120 square feet of basal area, primarily in wind-firm dominant and codominant trees.

SILVICULTURAL PRESCRIPTION

The Alley Cat timber sale will be replanted following harvest with Douglas-fir, western redcedar, and western hemlock targeting a density of 400 trees per acre.

GEOLOGY

Inner gorges and other landforms displaying combined signs of slope instability were identified around the proposal area via field review with a licensed State Lands Geologist. All features with a moderate to high-risk of failure and delivery to a public resource have been excluded from the proposed harvest area. The proposed harvest will take place over the groundwater recharge areas of relict, glacial deep-seated landslides (GDSDL) but harvest activities will have a low likelihood of reactivating the GDSDLs and sediment delivery.

ROAD USE

As part of the planning of the Alley Cat timber sale, the DNR negotiated road use permits with 6 small private landowners. These road use permits total \$12,500 in consideration, which does not include the value of road improvements made to the access to their residences over the shared haul route of this timber sale.

OUTREACH

The Alley Cat timber sale is within the 206,864-acre Elwha River Watershed. DNR ownership within the Elwha River is approximately 7,700 acres or 4% of the entire watershed. Alley Cat accounts for less than 0.05% of the Elwha Watershed. DNR’s planned harvest for the next 5 years on ownership within the Elwha Watershed totals 668 acres which is 0.3% of the watershed. The



Unit 2



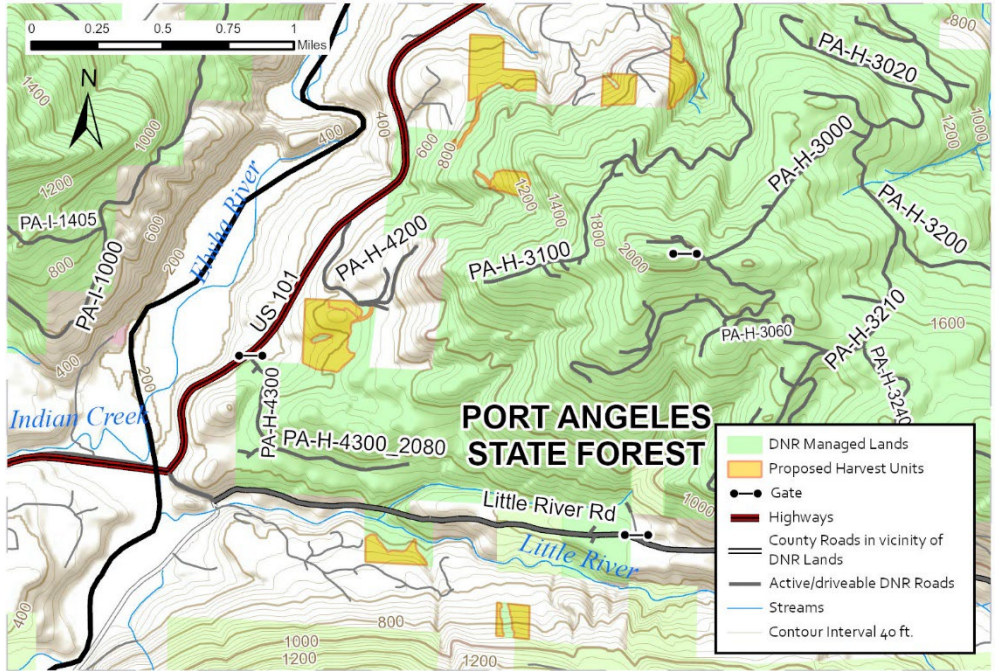
Unit 3



Unit 4A

DNR has conducted extensive outreach with local tribes, Clallam County, junior taxing districts, among other stakeholders.

LANDSCAPE VIEW



Unit 5

ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Clallam County - TCA 102**

Taxing District	Total to Fund
Clallam County Roads	\$ 68,435
Port Angeles School District	\$ 84,953
Port Angeles School District	\$ 162,191
Port of Port Angeles	\$ 9,717
State 1	\$ 132,615
State 2	\$ 71,142
Conservation Futures	\$ 1,568
Clallam County	\$ 67,787
Fire District #2	\$ 84,650
North Olympic Library	\$ 25,817
Hospital District #1	\$ 27,934
William Shore Memorial Pool	\$ 28,323
Totals:	\$ 765,131***



Unit 7/8

*Based on appraisal

**Based on 2024 county tax rates.

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

TREE WELL TIMBER SALE

Region: **Olympic**

County: **Clallam**

District: **Straits**

Unit: **Port Angeles**

Planned BNR meeting: **November 2024**

Planned auction date: **December 18, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved 9/28, SEPA NFD signed 11/1

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	72	VRH	Post 1930	Maturation II
2	75	VRH	Post 1930	Maturation I
3	55	VRH	Post 1920	Maturation II

DESCRIPTION OF SALE

The Tree Well timber sale is located in Clallam County, Washington approximately 5 miles south of Port Angeles off the PA-H-1000 road system. It encompasses approximately 280 gross acres with a cruised volume of 6,149 mbf. This proposal consists of three variable retention harvest units and is located in the Port Angeles and Sutherland-Aldwell WAUs. Within the proposal area, there are 54.7 acres of riparian management zones, 10.6 acres of leave tree areas, and 4.9 acres of existing roads. Additionally, 8 acres of Old Growth was discovered during the layout of this proposal and is now permanently deferred from harvest. The net harvest acreage is 202 acres. Approximately 6,980 feet of new road construction, 995 feet of reconstruction, and 20,960 feet of pre-haul maintenance have been proposed to meet access needs to the sale area.

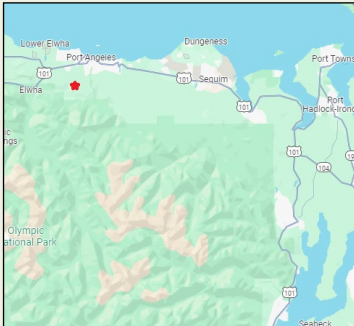
OLD GROWTH ASSESSMENT

An old growth assessment was triggered by a "moderate" WOGHI point and the presence of large diameter trees within Unit 2 of this proposal. After field review, it was determined that this stand does not meet the criteria for deferral under DNR's old-growth policy. There are a few scattered, large diameter remnant trees that were marked as individuals for retention.

Additionally, another assessment was triggered during field observations in Unit 3 due to the presence of trees with old growth characteristics. Field review of this area determined that there was a two-cohort stand within the

Product Sales and Leasing Division

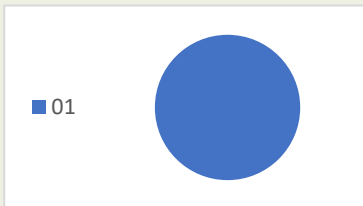
General Location



Sale Specifics

HCP Planning Unit: **Straits**
Management Block: **Port Angeles**
Sale Type: **Lump Sum**
Volume: **6,150 mbf**
Appraisal: **\$1,996,000**

Trust Distribution



Conservation Facts

Original planned acres: **272**
Final harvest acres: **202**
Conservation and leave tree acres: **65**
Percent conservation and leave tree acres: **26%**

Notable Protected Features

Riparian areas, FP Rule-identified landforms, and Old Growth stands

Certifications

Sustainable Forestry Initiative

proposal area which meets the criteria for deferral. This 8-acre stand was excluded from the sale area and is permanently deferred from future harvest activities. Scattered remnant trees outside of the deferred stand were also marked as individuals for retention within the sale area.

The contract of this timber sale restricts the harvest of trees over 60" dbh.

SILVICULTURAL PRESCRIPTION

The Tree Well timber sale will be replanted following harvest with Douglas-fir, western redcedar, and western hemlock targeting a density of 350 trees per acre.

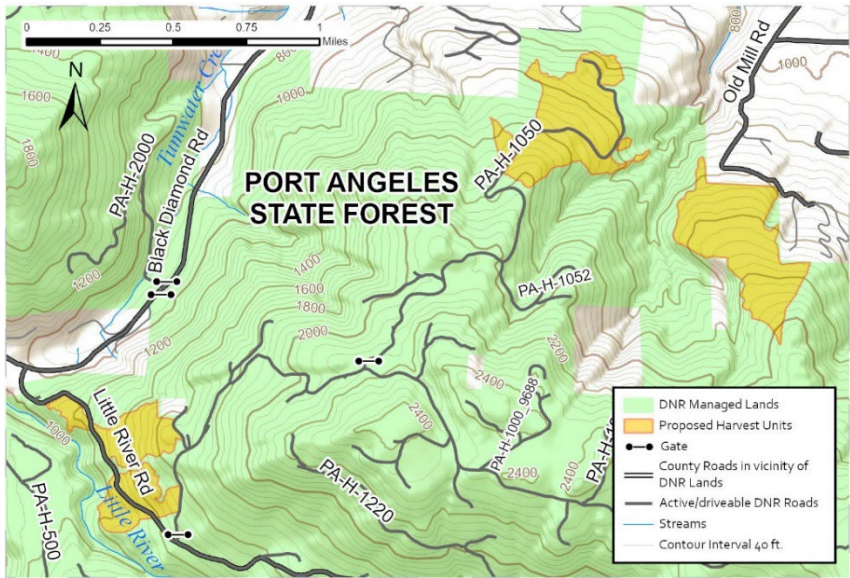
GEOLOGY

Inner gorges, groundwater recharge area of a glacial deep-seated landslide and other landforms displaying combined signs of slope instability were identified around the proposal area via field review with a licensed State Lands Geologist. All features with a moderate to high-risk of failure and delivery to a public resource have been excluded from the proposed harvest area.

OUTREACH

42 acres of the Tree Well timber sale is within the 206,864-acre Elwha River Watershed. DNR ownership within the Elwha River is approximately 7,700 acres or 4% of the entire watershed. Tree Well accounts for less than 0.03% of the Elwha Watershed. DNR's planned harvest for the next 5 years on ownership within the Elwha Watershed totals 668 acres which is 0.3% of the watershed. The DNR has conducted extensive outreach with local tribes, Clallam County, junior taxing districts, among other stakeholders.

LANDSCAPE VIEW



Unit 1



Unit 2



Unit 3

ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Clallam County - TCA 101 (29%)**

Taxing District	Total to Fund
Clallam County Roads	\$ 43,660
Port Angeles School District	\$ 54,198
Port Angeles School District	\$ 103,474
Port of Port Angeles	\$ 6,199
State 1	\$ 84,605
State 2	\$ 45,387
Conservation Futures	\$ 1,000
Clallam County	\$ 43,247
North Olympic Library	\$ 16,470
Hospital District #1	\$ 17,821
William Shore Memorial Pool	\$ 18,070
Totals:	\$ 434,130***

Trust 01 - Clallam County - TCA 102 (71%)**

Taxing District	Total to Fund
Clallam County Roads	\$ 95,065
Port Angeles School District	\$ 118,011
Port Angeles School District	\$ 225,305
Port of Port Angeles	\$ 13,498
State 1	\$ 184,220
State 2	\$ 98,827
Conservation Futures	\$ 2,178
Clallam County	\$ 94,165
Fire District #2	\$ 117,591
North Olympic Library	\$ 35,863
Hospital District #1	\$ 38,804
William Shore Memorial Pool	\$ 39,345
Totals:	\$ 1,062,870***

*Based on appraisal

**Based on 2023 assessment for 2024 tax year.

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

LAST CROCKER SORTS RESALE TIMBER SALE

Region: **Olympic**

County: **Jefferson**

District: **Straits**

Unit: **Unit**

Planned BNR meeting: **November 2024**

Planned auction date: **December 18, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved on 10/3, SEPA in progress, comment period ends 11/1

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	48	VRH	Post 1940	Maturation II
2	37	VRH	Post 1940	Maturation II
3	8	VRH	Post 1960	Maturation II
4	48	VRH	Post 1960	Maturation I

DESCRIPTION OF SALE

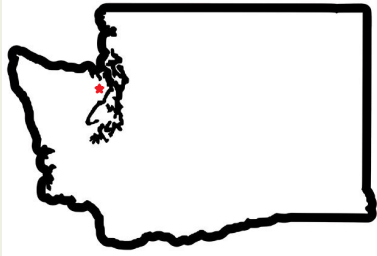
The Last Crocker Sorts Resale timber sale includes four variable retention harvest (VRH) units totaling 141 acres and two right-of-way (ROW) units totaling 1 acre. The cruised volume is 5,447 MBF. The sale area will be harvested using only ground-based logging equipment. The initial proposal area evaluated for harvest encompassed 180 acres. The acres excluded from harvest include 7 acres for Riparian Management Zones (RMZs), 7 acres of unmanaged Wetland Management Zone (WMZ), and 21 acres of leave tree areas. Normal leave tree targets of 8 trees per acre have been exceeded to achieve additional objectives of this sale described throughout this checklist. The proposal also includes maintenance, reconstruction and construction of forest roads. Road maintenance work will include roadside brushing, rocking, grading, ditch maintenance, and replacement of cross drains, as needed. Rock will come from a commercial source.

STAND CHARACTERISTICS

Laminated Root Rot is present in the Douglas-fir stands of Units 2 and 3. The silvicultural planting prescriptions have been adjusted to plant western redcedar, which is resistant to the disease, in areas that it is present.

Product Sales and Leasing Division

General Location



Sale Specifics

HCP Planning Unit: **Straits**
Management Block: **NE Jefferson**
Sale Type: **Sort Sale**
Volume: **5,447 mbf**
Appraisal: **\$1,389,962**

Trust Distribution



Conservation Facts

Original planned acres: **180**
Final harvest acres: **142**
Conservation and leave tree acres: **35**
Percent conservation and leave tree acres: **19%**

Notable Protected Features

Riparian and Wetland areas, FP Rule-Identified Landforms, HWY 101 Viewshed

Certifications

Sustainable Forestry Initiative



The Northwestern portion of Unit 1 which is a uniform, second growth stand of Douglas-fir.



The oldest found tree the southern end of Unit 2, which is roughly 95 years old and marked for retention.



Unit 4, youngest unit in timber sale, with a stand origin date of 1968.

OLD GROWTH ASSESSMENT

The proposal area was gridded in the field for the presence of both individual old growth trees and old growth stands. The units and adjacent stands were also vetted remotely using ArcGIS spatial datasets to identify areas with a moderate or high probability of old growth occurrence. Only one true old growth remnant was found, and it was marked as a leave tree.

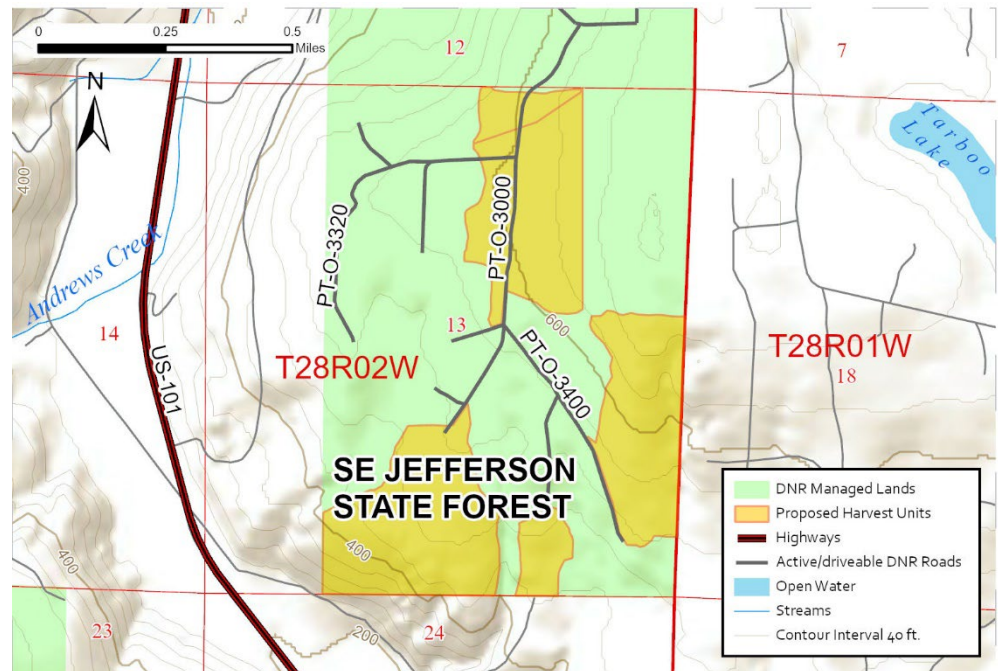
SILVICULTURAL PRESCRIPTION

Desired stocking and stand composition will target a mixture of Douglas-fir, and western redcedar at a density of 400 trees per acre. Areas with laminated root rot present will be planted heavily with western redcedar.

GEOLOGY

Potentially unstable rule identified landforms (RILs) around the harvest were identified by slope stability trained field staff and/or a licensed geologist through office and field review in accordance with the Washington State Forest Practices rules. An inner gorge feature was identified and is located between Units 3 and 4, and another northwest of Unit 4. Features are outside of the unit boundaries.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Jefferson County - TCA 324*

Taxing District	Total to Fund
Jefferson County	\$ 141,015
Conservation Futures	\$ 4,229
Port of Port Townsend	\$ 58,245
PUD	\$ 9,262
Jefferson County Roads	\$ 113,470
State School 1	\$ 214,487
State School 1	\$ 115,057
Quilcene School District	\$ 147,597
Fire District #2	\$ 117,233
EMS District #2	\$ 65,994
Hospital District #2	\$ 8,228
Cemetery District #2	\$ 3,752
Jefferson County Library	\$ 43,901
Totals:	\$ 1,042,472***

*Based on appraisal

**Based on 2023 assessment for 2024 tax year.

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

SYLVAN PEARL TIMBER SALE

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

District: Rainier **Unit:** Black Diamond

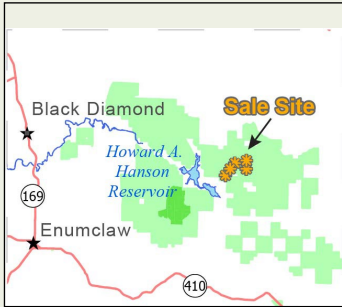
Planned BNR meeting: November 2024

Planned auction date: December 17, 2024

Status of timber sale: FPA approved November 2023, SEPA NFD signed September 30, 2024

Product Sales and Leasing Division

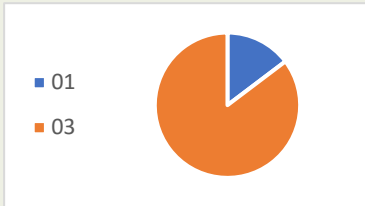
General Location



Sale Specifics

HCP Planning Unit: **South Puget**
Management Block: **Tacoma watershed**
Sale Type: **Lump Sum**
Volume: **6,251 mbf**
Appraisal: **\$1,789,000**

Trust Distribution



Conservation Facts

Original planned acres: **334**
Final net harvest acres: **164**
Conservation and Leave tree acres: **166**
Percent conservation and Leave trees: **50%**

Notable Features Protected

Streams, wetlands, legacy trees, NSO habitat, FP rule-identified landforms, cultural resources, cliffs, talus

Certifications

Sustainable Forestry Initiative
Forest Stewardship Council

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	24	VRH	Post-1930	Maturation II
2	1	VRH	Post-1930	Maturation I
3	4	VRH	Post-1950	Maturation II
4	2	VRH	Post-1950	Maturation II
5	23	VRH	Post-1950	Maturation I & II
6	62	VRH	Post-1960	Maturation I
7	47	VRH	Post-1960	Biomass Accumulation/Competitive Exclusion
8	0.6	Right-of-way	Post-1950	Biomass Accumulation/Competitive Exclusion

DESCRIPTION OF SALE

This is a 7-unit VRH sale with associated right-of-way within the City of Tacoma watershed. The origin date of the stand, which ranges from 1930s-1960s, was determined using field sampling and observations of early logging followed by a fire. FRIS data shows the origin dates ranging from 1945-1961. Overstory species composition consists primarily of Douglas-fir (DF) and western hemlock (WH) in most units with a lesser component of noble and silver fir, western red cedar and some scattered hardwoods. The understory vegetation is sparse, consisting primarily of sword fern, Oregon grape, salal, vine maple and huckleberry. The sale average DBH is 18.2" for DF and 14.4" for WH. Stand development ranges from Biomass Accumulation/Competitive Exclusion stage exhibiting little to no epicormic branching and live branches to the lower 1/3 of the boles to Maturation I with limited epicormic branching and a few mid-canopy small diameter conifer to Maturation II with established understory of western hemlock.



Unit 2: Representative of stand

Throughout all units structure is limited, consisting of old-growth stumps, dispersed cull logs and smaller second-growth competitive mortality trees. No moderate or high weighted old-growth index (WOGHI) points were located within the harvest units.

Leave trees in the sale area are primarily arranged in clumps, with a few individually marked, at a density of 8-12 trees per acre. Leave trees were selected to retain legacy trees where found, trees exhibiting or with potential for high wildlife use, to add protection for unique or sensitive features such as cliffs, talus, and potentially unstable slopes, as well as areas for future forest health. Additionally, sizes of leave tree clumps were varied to create horizontal diversity in the next stand.

This sale includes more than 12 miles of existing road maintenance.

UNIQUE SALES CHARACTERISTICS

Cliffs and talus slopes are associated with Unit 5. In consultation with the region biologist, these were protected with a large leave tree clump and restricting any operations within this area.

Forest health issues present in this sale area include rot and main canopy mortality, specifically in Unit 1, due to steep, shallow soils and desiccation from dry east winds.

CONSERVATION AREAS

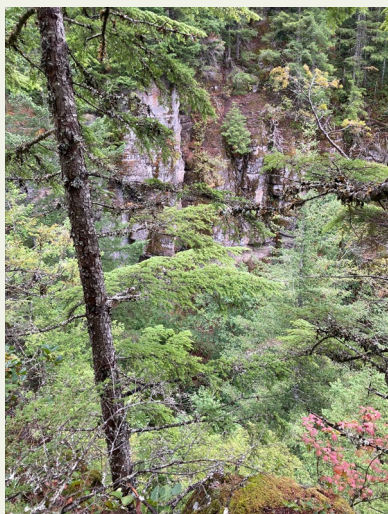
Unit 1 of this sale is located within the Black Diamond Spotted Owl Management Unit (SOMU). This SOMU currently has a surplus of 196 acres available for VRH harvest above the HCP threshold of 50% habitat.

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

The sale area was reviewed by an archaeologist and cultural resources were excluded from the harvest units.

SILVICULTURAL PRESCRIPTION

The sale area will be replanted with Douglas-fir in Units 1-5 at a rate of 400 trees per acre and a mix of Douglas-fir, western hemlock, and noble fir in Units 6-7 at a rate of 335, 50, and 50 trees per acre, respectively. Plantings will be supplemented with natural regeneration from seed trees within riparian buffers and leave tree areas. Assessments will be performed to ensure successful development of the next stand.



Cliff protected in Unit 5

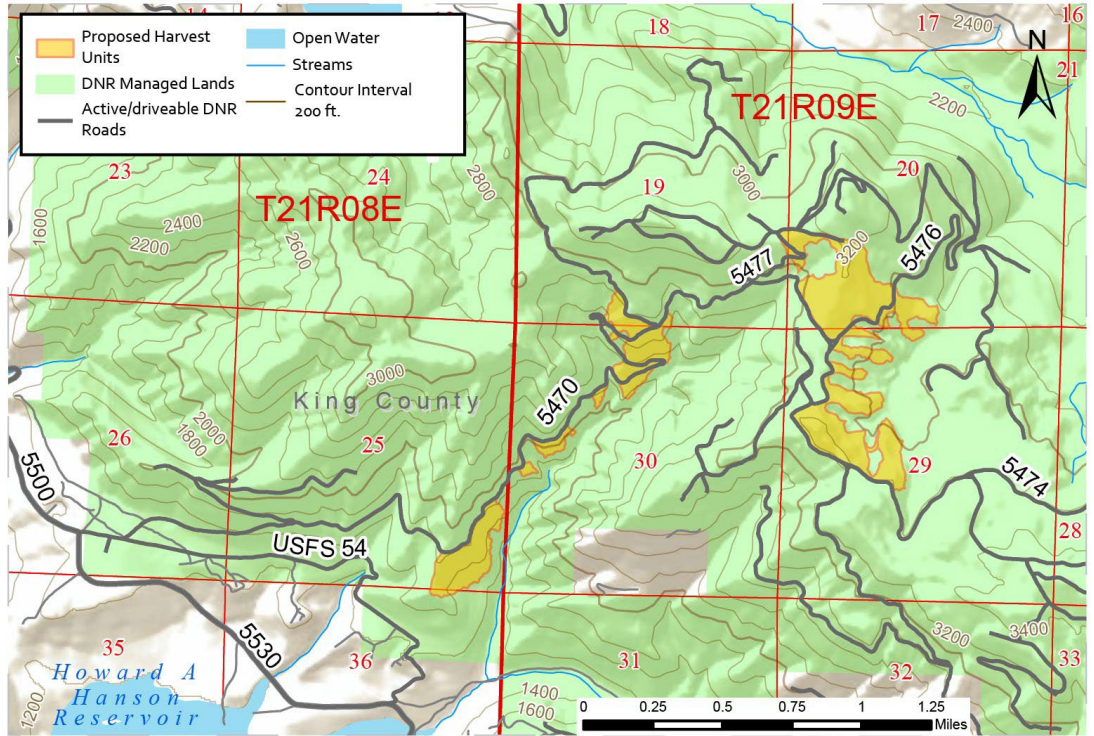
GEOLOGY

This sale was field assessed by a licensed geologist. Potentially unstable landforms such as inner gorges, bedrock hollows, convergent headwalls, toes of deep-seated landslides and Category E landforms were identified and excluded from the harvest area.

LANDSCAPE VIEW



Unit 3: Representative of stand



Unit 5: mid-canopy stand view

ESTIMATED TRUST 01 REVENUE BREAKDOWN*

King County Trust 01 - TAC 3531*

Taxing District	Distribution
State School Fund Pt 1 & 2	\$55,709
County	\$29,606
Emergency Medical Services	\$5,018
Enumclaw School District	\$64,409
King County Flood District	\$1,564
Rural Library	\$6,390
Roads District	\$31,687
Enumclaw Park and Rec District	\$0
Port of Seattle	\$2,317
Totals:	\$196,701***

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

LUNA TIX TIMBER SALE

Region: Pacific Cascade

County: Lewis

District: Lewis

Unit: Mayfield

Planned BNR meeting: November 2024

Planned auction date: December 19, 2024

Product Sales and Leasing Division

General Location



FPA Classification: IVs Existing road abandonment crossing part of a glacial deep seated landslide; harvest of a portion of the upslope groundwater recharge area of a glacial deep seated landslide.

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

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	21	VRH	1946,1948	Maturation 2
2	82	VRH	1944,1949,1951	Maturation 2
3	71	VRH	1944,1951	Maturation 2

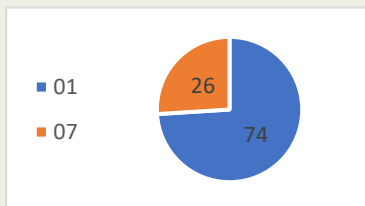
Sale Specifics

HCP Planning Unit: **Columbia**
Management Block: **Winston**
Sale Type: **Lump Sum**
Volume: **8,087 mbf**
Appraisal: **\$2,945,000**

DESCRIPTION OF SALE

Unit 1: This unit is approximately 77-79 years-old comprised of a single cohort of Douglas-fir with a small amount of western hemlock, red alder and western redcedar. Douglas-fir is the dominant species within the unit and averages approximately 21" DBH. The stand majority is homogenous in age and contains no evidence of older remnant trees. The understory has saplings that are over 10' in height along with woody brush. Few snags are present within this unit and there is a low amount of downed wood. This stand keys out to Maturation 2 stage of development according to the Van Pelt guide.

Trust Distribution



Unit 2: This unit is approximately 74-81 years-old comprised of a single cohort of Douglas-fir with a small amount of western hemlock, red alder and western redcedar. This stand was heavily thinned in 1997. Douglas-fir is the dominant species within the unit and averages approximately 19" DBH. The stand majority is homogenous in age and contains no evidence of older remnant trees. The understory is thick with western hemlock saplings that are over 10' in height along with woody brush. Few snags are present within this unit and there is a low amount of downed wood. This stand keys out to Maturation 2 stage of development according to the Van Pelt guide.

Conservation Facts

Original planned acres: **247**
Existing Roads: **11**
Final harvest acres: **174**
Conservation and leave tree acres: **62**
Percent conservation and leave tree acres: **25%**

Notable Protected Features

Streams, Wetlands

Certifications

Sustainable Forestry Initiative



Unit 1: Origin 1946-1948. western hemlock saplings in understory.



Unit 2: Origin 1944-1951. Thick understory of western hemlock saplings due to commercial thinning circa 1997.



Unit 3: Origin 1944-1951. Significant understory western hemlock due to commercial thinning approx. 27 years ago.

Unit 3: This unit is approximately 74-81 years-old comprised of a single cohort of Douglas-fir with a small amount of western hemlock, red alder and western redcedar. This stand was heavily thinned in 1997. Douglas-fir is the dominant species within the unit and averages approximately 20" DBH. The stand majority is homogenous in age and contains no evidence of older remnant trees. The understory is thick with western hemlock saplings that are over 10' in height along with woody brush. Few snags are present within this unit and there is a low amount of downed wood. This stand keys out to Maturation 2 stage of development according to the Van Pelt guide.

OLD GROWTH ASSESSMENT

No old growth assessments were conducted for this sale.

UNIQUE SALES CHARACTERISTICS

This sale will perform over 14 miles of road maintenance on non gated DNR roads frequently used by the public that otherwise may not have been done.

CONSERVATION AREAS

Typical conservation of riparian areas along Type 3 and Type 4 streams, wetland areas 0.25 to 1 acres in size, and retention of 8 trees per acre. Neither unit presented further biologically or culturally unique characteristics requiring further conservation.

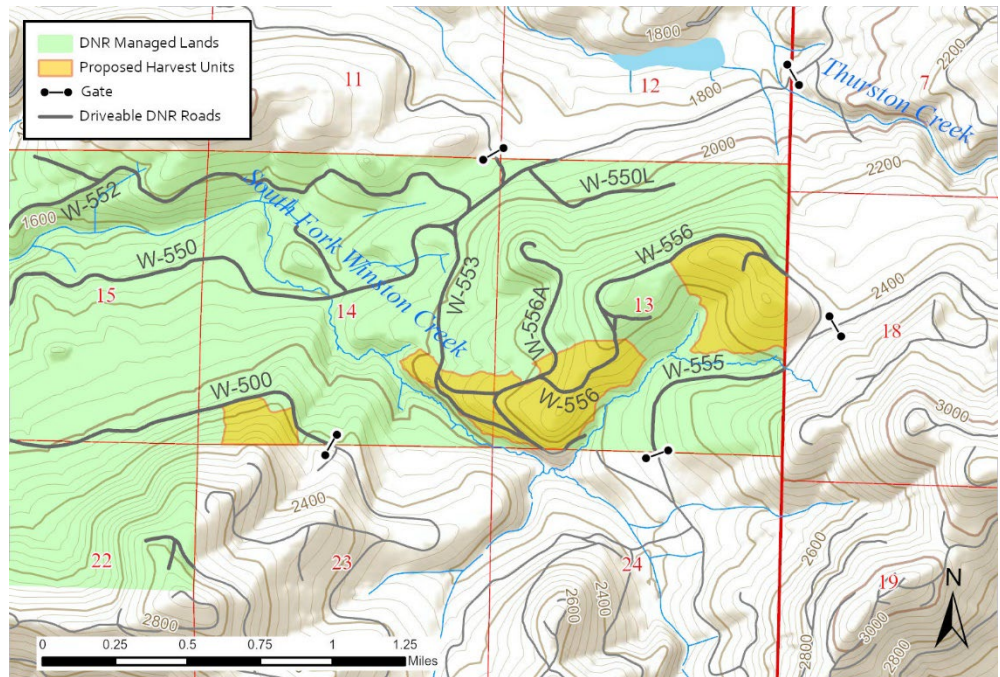
SILVICULTURAL PRESCRIPTION

Replant with 350 Douglas-fir 1+1, and 10 western red cedar P+1 per acre.

GEOLOGY

Groundwater recharge area and deep-seated landslides. The groundwater recharge area to the glacial deep-seated landslides were excluded from harvest management activities except for a portion of one landslide. The analysis is presented in the Geotechnical Report prepared by the State Lands Geologist, LEG, QE.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Lewis County - TCA 209**

Taxing District	Total to Fund
County Regular	\$ 245,605
Lewis County Roads	\$ 327,131
Mossy Rock School District	\$ 259,098
State Treas - Tax Levies	\$ 401,258
State Treas - Tax Levies 2	\$ 214,527
Cemetery District #02	\$ 11,189
Hospital District #1	\$ 75,016
Timberland Library	\$ 63,766
Totals:	\$ 1,597,589***

*Based on appraisal

**2024 tax rates

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

FOUR SCORE TIMBER SALE

Region: **Pacific Cascade**

County: **Lewis**

District: **Lewis**

Unit: **Independence Valley**

Planned BNR meeting: **November 5, 2024**

Planned auction date: **December 19, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved on 9/20, SEPA NFD signed on 10/11

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	52.4	VRH	1958, 1959	Biomass Accumulation/Stem Exclusion
2	31.8	VRH	1937, 1942, 1950	Maturation II

DESCRIPTION OF SALE

Four Score Timber Sale, Agreement No. 30-107096 and Forest Practices Application No. 2942785. This is a variable retention harvest with 84.2 acres in 2 units, removing approximately 4,039 MBF of timber, with 3,544 feet of road construction, 1,478 feet of road reconstruction, 51,048 feet of pre-haul maintenance, and 1,400 feet of road abandonment.

OLD GROWTH ASSESSMENT

No old growth assessments were conducted for this sale.

UNIQUE SALES CHARACTERISTICS

A portion of Unit 1 was commercially thinned in 2004 with the Bigfoot Commercial Thin timber sale.

CONSERVATION AREAS

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

Product Sales and Leasing Division

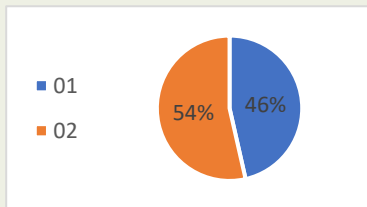
General Location



Sale Specifics

HCP Planning Unit: **South Coast**
Management Block: **Lincoln**
Sale Type: **Lump Sum**
Volume: **4,039 mbf**
Appraisal: **\$1,195,000**

Trust Distribution



Conservation Facts

Original planned acres: **120**
Final harvest acres: **84**
Conservation and leave tree acres: **33**
Percent conservation and leave tree acres: **27%**

Notable Protected Features

Rule Identified Landforms

Certifications

Sustainable Forestry Initiative

SILVICULTURAL PRESCRIPTION

Unit 1: 350 Douglas-fir, 40 western hemlock, 10 western red cedar per acre.
 Unit 2: 350 Douglas-fir, 50 western red cedar per acre.

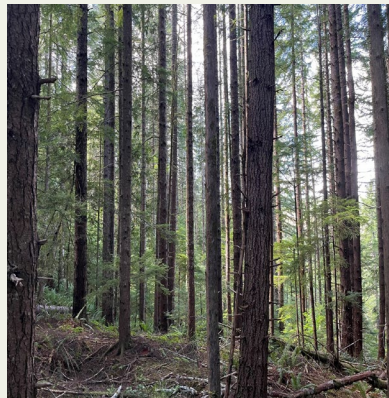
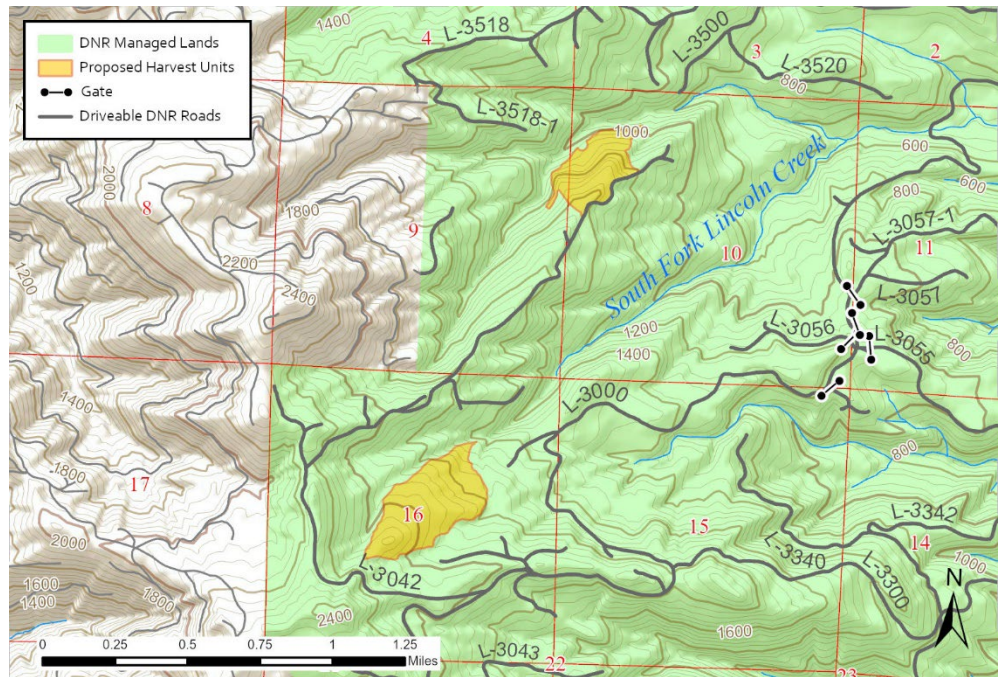


Unit 1: Biomass Accumulation / Stem Exclusion. Upper elevations were thinned in 2004 retaining a mostly Douglas-fir stand.

GEOLOGY

Unit 2 showed evidence of mass wasting along an interior stream. This area was identified by a forester trained in the identification of potentially unstable slopes. The site was visited by a State Lands Geologist L.E.G., Q.E. and the area of concern was bound out of the sale with leave trees.

LANDSCAPE VIEW



Unit 2: Maturation II with young western hemlock and western red cedar in the understory as seedlings, saplings and small poles. Douglas-fir still retains characteristics of Biomass Accumulation / Stem Exclusion with small branch stubs present on the lower bole of most trees.

ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Lewis County - TCA 621F*

Taxing District	Total to Fund
County Regular	\$ 58,459
Lewis County Roads	\$ 77,864
Pe Ell School District	\$ 92,994
State Treas - Tax Levies	\$ 95,508
State Treas - Tax Levies 2	\$ 51,062
Riverside Fire Protection Serv Auth	\$ 25,244
Timberland Library	\$ 15,178
Totals:	\$ 416,308***

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

DODGE CITY TIMBER SALE

Region: **Pacific Cascade**

County: **Pacific**

District: **Lewis**

Unit: **Frances**

Planned BNR meeting: **November 2024**

Planned auction date: **December 19, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved on 9/26, SEPA NFD signed 10/11

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	87	VRH	1977-1983	Biomass Accumulation
2	61	VRH	1979	Biomass Accumulation
3	39	VRH	1983	Biomass Accumulation
4	<1	ROW	1979	Biomass Accumulation

DESCRIPTION OF SALE

Units are 70% ground based and 30% cable harvesting. The most common tree species in the overstory is Douglas fir averaging 17.6 inches DBH. The second most common tree species is western hemlock with an average DBH of 17.9 inches. No remnant trees were found within the unit. Leave trees were placed in areas that reserved the largest trees, areas that contained unstable slopes, or were difficult to log and to provide no more than 400 feet spacing between. While no large trees were found during layout a clause was added to the contract to preserve any tree over 60 inches if one is discovered. No old growth patches or other special features were found in the unit. The riparian areas are comprised of the same forest structure as the adjacent uplands. Units 1 and 2 were thinned and have a second cohort of deciduous trees and shrubs establishing in the stand. This stand displays biomass accumulation structure throughout the sale. The understory is made up of Cascara, vine maple, red alder, western hemlock and salmonberry.

To the northeast of Unit 3 is 30 acres of timber that is nearly 90 years of age originating in 1937. The rest of the surrounding stands are 8- to 48-year-old. Unit 4 is road right-of-way through an RMZ to access Unit 2.

Product Sales and Leasing Division

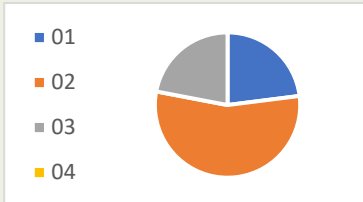
General Location



Sale Specifics

HCP Planning Unit: **South Coast**
Management Block: **P&E**
Sale Type: **Lump Sum**
Volume: **4,648 mbf**
Appraisal: **\$1,459,000**

Trust Distribution



Conservation Facts

Original planned acres: **311**
Final harvest acres: **188**
Existing road acres: **3**
Conservation and leave tree acres: **120**
Percent conservation and leave tree acres: **39%**

Notable Protected Features

None other than the standard protections for unstable slopes and leave tree selection and distribution as required by the HCP

Certifications

Sustainable Forestry Initiative

OLD GROWTH ASSESSMENT

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

UNIQUE SALES CHARACTERISTICS

A portion of the right-of-way unit is located within a Type 3 RMZ. The width of this right-of-way was minimized to reduce the impact to the RMZ. Dodge City Timber Sale is located within a Status 1 Owl Circle, but there are no activities within the best 70 core.

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.

SILVICULTURAL PRESCRIPTION

Replant with 300 trees per acre, 250 Douglas-fir and 50 western hemlock. (250 DF 1+1 and 50 WH P+1)

GEOLOGY

26 acres of unstable feature 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, LEG, QE.

LANDSCAPE VIEW



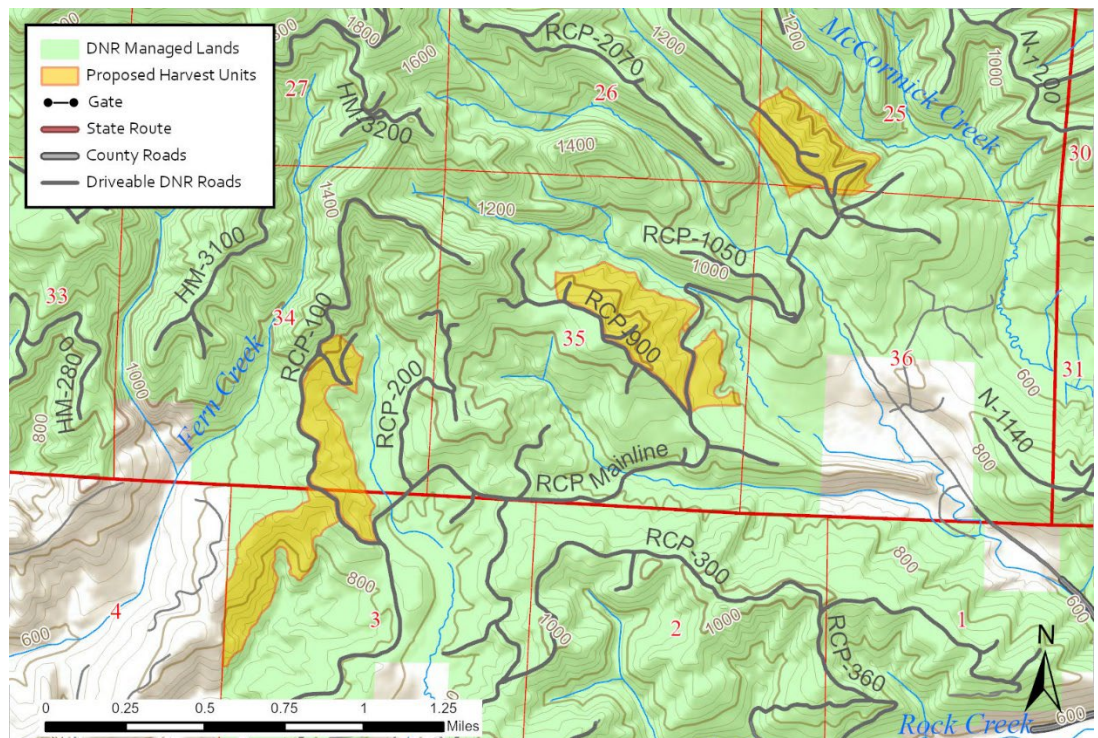
Unit 1 Biomass Accumulation



Unit 2 Biomass Accumulation



Unit 3 Biomass Accumulation





Unit 4 ROW Biomass
Accumulation

ESTIMATED TRUST REVENUE BREAKDOWN*

Trust 01 - Pacific County - TCA 66**

Taxing District	Total to Fund
Willapa Valley School District General	\$ 95,728
Willapa Valley School District Bond	\$ 30,673
State School Pt 1	\$ 103,554
State School Pt 2	\$ 55,542
Pacific County	\$ 72,239
Pacific Roads	\$ 45,429
Timberland Library	\$ 17,413
Hospital #2 Regular	\$ 26,601
PC EMS #1 District	\$ 17,619
PC EMS #1 Excess	\$ 18,128
Willapa Port Regular	\$ 15,724
Totals:	\$ 498,650***

Trust 02 - Pacific County - TCA 66**

Taxing District	Total to Fund
Willapa Valley School District General	\$ 19,343
Willapa Valley School District Bond	\$ 6,198
State School Pt 1	\$ 20,924
State School Pt 2	\$ 11,223
Pacific County	\$ 14,597
Pacific Roads	\$ 9,179
Timberland Library	\$ 3,519
Hospital #2 Regular	\$ 5,375
PC EMS #1 District	\$ 3,560
PC EMS #1 Excess	\$ 3,663
Willapa Port Regular	\$ 3,177
Totals:	\$ 100,757****

*Based on appraisal

**Based on 2023 assessment for 2024 tax year

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

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

SHIFT THE PARADIGM TIMBER SALE

Region: **Pacific Cascade**

County: **Pacific**

District: **Lewis**

Unit: **Frances**

Planned BNR meeting: **November 2024**

Planned auction date: **December 19, 2024**

FPA Classification: **III**

Status of timber sale: FPA approved 9/20, SEPA NFD signed 10/11

HARVEST UNIT DETAILS

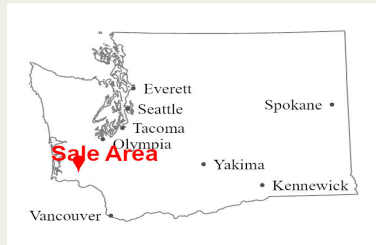
Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	97	VRH	1926-1985	Mat II
2	9	VRH	1927	Mat II
3	6	VRH	1927	Mat II
4	2	ROW	1927-1985	Mat II

DESCRIPTION OF SALE

Shift the Paradigm is a three-unit VRH sale with a ROW unit (Unit 4) to access Unit 1. The sale is 40% ground based and 60% Cable harvesting. The most common tree species in the dominant overstory is Douglas fir with an average DBH of 27". The second most common tree species is western hemlock with an average DBH of 16.4". No remnant trees were found within the units, one was found in the RMZ of unit 1. Leave trees were placed in areas that reserved the largest trees, areas that contained unstable slopes, were difficult to log and to provide no more than 400' spacing. A large spruce over 60" DBH was found in Unit 1 during layout. It is not old growth just a large roughly 100 year-old tree. No other trees over 60" DBH were found but a clause was added to the contract to preserve any tree over 60 inches if another one is out there. No old growth patches or other special features were found in the unit. The riparian areas are comprised of the same forest structure as the adjacent uplands. Snags and downed wood found throughout the units but are not abundant. The stands in this sale display Maturation II structure as there is enough shade tolerant hemlock in the understory to have created two cohort stand. Shade tolerant understories such as this are common in 100 year old stands in the coastal range. This two-cohort stand displays the stand structure of Maturation II even through the mature trees in the stand do not have the characteristics trees found in older forests. There is little to no epicormic branching, some of the bark is deeply furrowed but not flakey and there are knot whorls remaining to in the lower 1/3 of the tree on most trees. The stands in this

Product Sales and Leasing Division

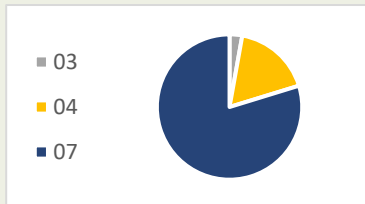
General Location



Sale Specifics

HCP Planning Unit: **South Coast**
Management Block: **P&E**
Sale Type: **Lump Sum**
Volume: **8,413 mbf**
Appraisal: **\$2,800,000**

Trust Distribution



Conservation Facts

Original planned acres: **172**
Final harvest acres: **114**
Conservation and leave tree acres: **58**
Percent conservation and leave tree acres: **33%**

Notable Protected Features

None other than the standard protections for unstable slopes and leave tree selection and distribution as required by the HCP.

Certifications

Sustainable Forestry Initiative



Unit 1 (Mat II): Shade tolerant western hemlock in the midstory. Deep fissures in mature Douglas fir with knot whorls in lower third of tree and some epicormic branching.



Unit 1 (Mat II): Same stand characteristics as photo above.



Unit 1 (Mat II): Same stand characteristics as photos above.

sale originated in 1926 and 1927 according to the original FRIS.

OLD GROWTH ASSESSMENT

No old growth assessment was needed or done. A remnant tree was found in the RMZ and visited by an Old Growth Designee. An Old Growth Designee assisted with the layout of all four of the units in the sale and didn't see anything that would trigger an old growth assessment.

UNIQUE SALES CHARACTERISTICS

This proposal is located within a Status 1 Owl Circle but there are no activities within the Best 70 core. This proposal is consistent with the HCP for conservation of Northern Spotted Owls.

CONSERVATION AREAS

Typical conservation of riparian areas along Type 3 and Type 4 streams and retention of 8 trees per acre.

SILVICULTURAL PRESCRIPTION

Replant all units except for Right of Way with:
250 Douglas fir 1+1 and 50 western hemlock P+1 per acre

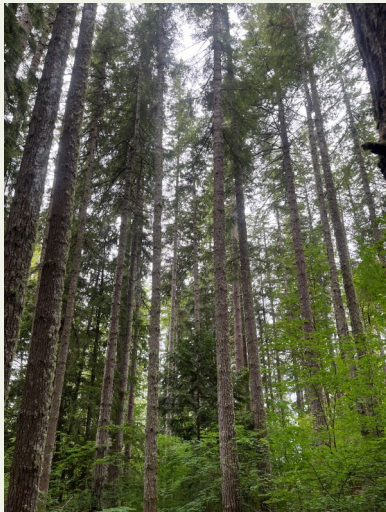
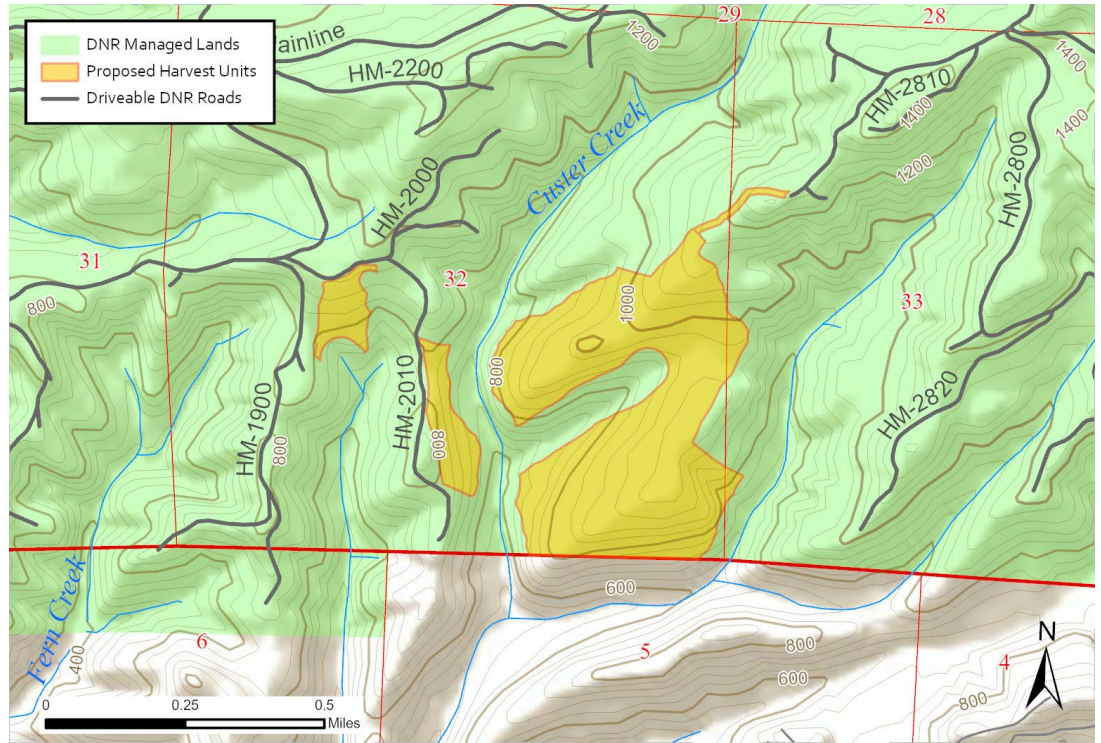
GEOLOGY

6.1 acres of unstable features were located by foresters trained in unstable slopes and were adjacent to the sale or removed from the harvest with Riparian Management Zones and Leave Tree areas.

LANDSCAPE VIEW



Unit 2 (Mat II): Shade tolerant western hemlock and western redcedar in the midstory. Shallow fissures in mature Douglas fir with knot whorls in lower third of tree and some epicormic branching.



Unit 3 (Mat II): Shade tolerant western hemlock and western redcedar in the midstory. Shallow fissures in mature Douglas fir with knot whorls in lower third of tree and some epicormic branching.



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

Greenstone TIMBER SALE

Region: **Northwest**

County: **Skagit**

District: **Clear Lake**

Unit: **Cavanaugh**

Planned BNR meeting: **November 5, 2024**

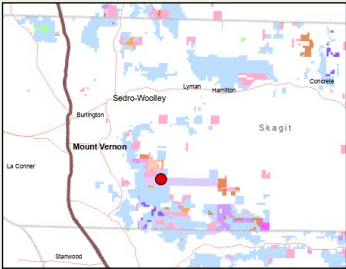
Planned auction date: **December 18, 2024**

FPA Class: **III**

Status of timber sale: FPA approved on 9/26, SEPA NFD signed on 9/17

Product Sales and Leasing Division

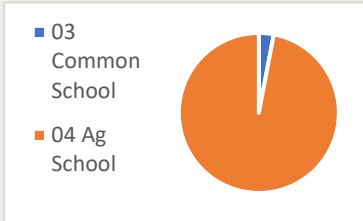
General Location



Sale Specifics

HCP Planning Unit: **North Puget**
Management Block: **Walker Valley**
Sale Type: **Lump Sum**
Volume: **5,619 mbf**
Appraisal: **\$1,011,000**

Trust Distribution



Conservation Facts

Original planned acres: **550**
Final harvest acres: **157.6**
Conservation and leave tree acres: **388.4**
Percent conservation and leave tree acres: **70.6%**

Notable Protected Features

Streams, wetlands, talus, cliffs, legacy trees, old growth, FP rule-identified landforms.

Certifications

Sustainable Forestry Initiative

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	11.2	VRH	~1960	Biomass accumulation/stem exclusion
2	26.6	VRH	~1953	
3	12.7	VRH	~1960	
4	16.4	VRH	~1953	
5	4.6	VRH	~1953	
6	2.3	VRH	~1953	
7	50.3	VRH	~1953	
8	26.3	VRH	~1953	

DESCRIPTION OF SALE

Greenstone timber sale is composed of eight, western hemlock dominated units ranging from 2,000 to 2,920 feet in elevation within the Walker Valley management block. A sparse sword fern, red huckleberry understory has slowly developed beneath the dense western hemlock canopy. Little understory regeneration of tree species is present, leading to a biomass accumulation/stem exclusion stand development stage. The average tree DBH is 15.5 inches.

Leave trees were selected based on the region biologist recommendations and the layout forester's knowledge of the area. Leave tree areas captured individual large down logs, type 5 streams, and forest areas representative of the current stand. Single, blue painted leave trees are scattered throughout the units with a few legacy trees identified and double banded with blue paint as non-tradeable leave trees.

Many streams and wetlands were identified and buffered during sale layout.



Leave tree area within Unit 1, bounding out a large down cedar log.



Dense western hemlock within Unit 2, depicting typical, minimal understory development.



Leave tree area within Unit 3, bounding out part of a T5 stream.



Unit 4, dense forest typical across this timber sale.

Talus and cliffs are common on this portion of Cultus Mountain, six talus fields over an acre were identified with this sale. A region old growth designee identified and delineated six old growth areas greater than 5 acres adjacent to this sale area. These old growth areas have been bound out and will be deferred from harvest for the duration of the State Lands Habitat Conservation Plan. This timber sale is surrounded by state managed forest lands ranging from young stands to those of similar age and forest types as the Greenstone harvest units. This sale will manufacture approximately 16,000 yard of rock and will maintain over 12.5 miles of DNR roads which otherwise would not have been maintained.

OLD GROWTH ASSESSMENT

A region old growth designee completed five old growth assessments, encompassing six separate old growth areas each greater than 5 acres in size as well as one area less than 5 acres in size. Each of these were previously unknown old growth areas identified as a result of exploring this project.

UNIQUE SALES CHARACTERISTICS

The geology, elevation and past forest management has created a dynamic forest landscape in this portion of Skagit county. The amount of water, talus, Forest Practice rule identified landforms and old growth areas surrounding the proposed harvest area make this a unique sale. In addition, the Walker Valley trail system is in the area, this sale has one unit directly across from a Walker Valley Trail. Trail closure signage is required when operating in the vicinity of the trail.

CONSERVATION AREAS

Many streams, wetlands, talus, cliffs, and old growth areas were buffered or otherwise bound out of the sale area. These areas will remain conserved and contribute to long term forest cover.

SILVICULTURAL PRESCRIPTION

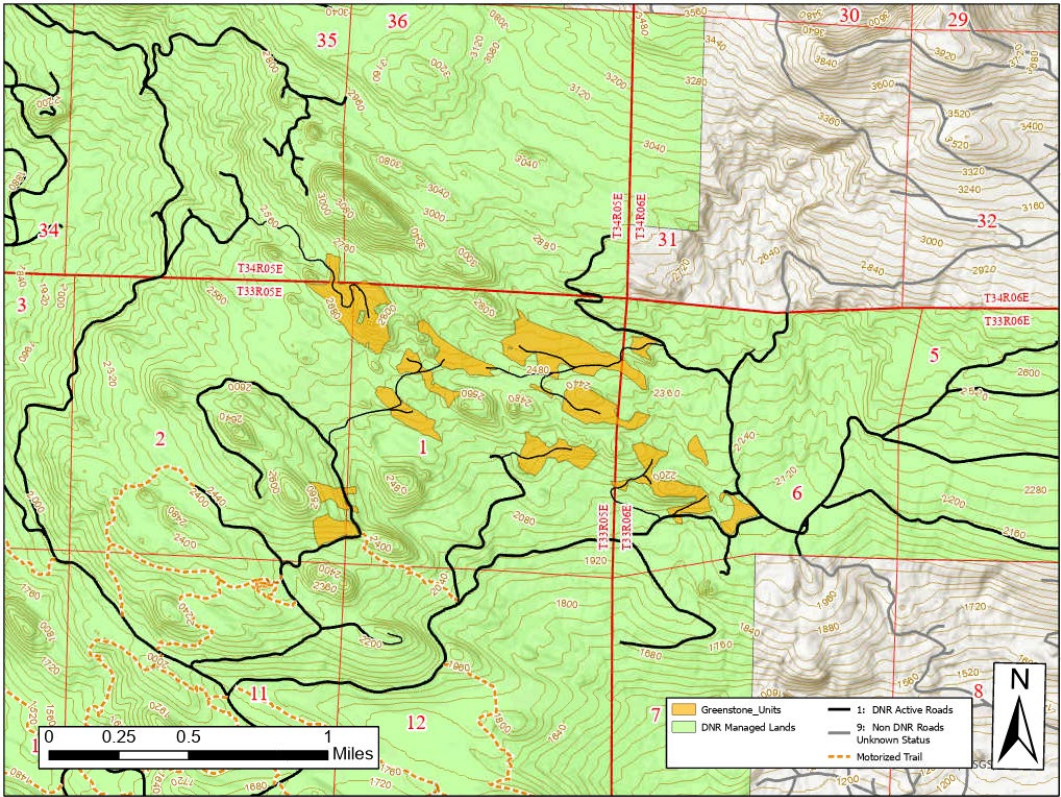
The harvest units will be replanted with a mix of Douglas-fir and western redcedar seedlings at approximately 360 trees per acre, about 11 foot by 11 foot spacing. Natural regeneration of western hemlock and Pacific silver fir are expected.

GEO REPORT

A geology memo written by a region Licensed Engineering Geologist, Qualified Expert is included with the FPA, documenting twenty-three bedrock deep seated landslides in and around the proposed harvest. In

in addition, inner gorges, bedrock hollows and toes of deep-seated landslides steeper than 65% with delivery potential have been excluded from the proposal. It took four days of field work to review and classify these bedrock deep seated landslides (BDSL) and rule identified landforms. Two active BDSL's identified have been bound out of the sale area.

LANDSCAPE VIEW



Timber boundary tags buffering a T4 stream in Unit 7B.



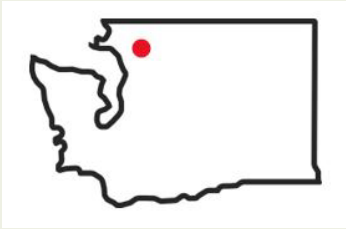
Cedar stump and surrounding forest within Unit 7.



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

Product Sales and Leasing Division

General Location



Sale Specifics

HCP Planning Unit: **North Puget**
Management Block: **South Skagit**
Sale Type: **Lump Sum**
Volume: **1,262 mbf**
Appraisal: **\$499,000**

Trust Distribution



Conservation Facts

Original planned acres: **110**
Final harvest acres: **36.3**
Conservation and leave tree acres: **47.8**
Percent conservation and leave tree acres: **43%**

Notable Protected Features

Old-growth, Streams, Wetlands, Legacy Trees, FP rule-identified landforms.

Certifications

Sustainable Forestry Initiative

PEPPER POTTS TIMBER SALE

Region: **Northwest**

County: **Skagit**

District: **Clear Lake**

Unit: **Clear Lake**

Planned BNR meeting: **November 2024**

Planned auction date: **December 18, 2024**

FPA Class: **III**

Status of timber sale: FPA approved on 8/30, SEPA NFD signed on 9/3

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	2.7	VRH	1940's	Between biomass accumulation and maturation 1
2	14.3	VRH	1920's	Between biomass accumulation and maturation 1
3	19.3	VRH	1960'S	biomass accumulation/stem exclusion (main cohort)

DESCRIPTION OF SALE

Unit 1: Remote sensing Forest Resource Inventory System (RS-FRIS) data estimates this stand at approximately 77 years old. The trees to be harvested are comprised of Douglas-fir, western hemlock and western redcedar. The average DBH within the units is 25 inches, measured by cruise. The Understory vegetation consists mainly of Sword fern, with a lesser shrub component consisting mainly of Salmonberry, some understory tree recruitment is occurring. The majority of this stand has development characteristics ranging between biomass accumulation and maturation 1.

This unit was originally planned as Unit 4 and had an old-growth assessment completed. The majority of this original unit was deferred from harvest as a result of that assessment combined with evaluating riparian areas.

Adjacent no-harvest riparian management zones (RMZs), some of which separate the unit from the old-growth stand, have similar characteristics to the proposed harvest unit. Unit boundaries other than RMZs consist of an immature stand and private property.

Leave trees were selected using considerations outlined in *PR 14-006-090 Management of Forest Stand Cohorts (Westside)*.

Unit 2: RS-FRIS data estimates this stand at approximately 97 years old. The trees to be harvested are comprised of Douglas-fir, western hemlock, western redcedar, black cottonwood and red alder. The average DBH within the units is 19 inches, measured by cruise. The Understory vegetation consists mainly of Sword fern, with a lesser shrub component consisting mainly of Salmonberry, some understory tree recruitment is occurring. The majority of this stand has development characteristics ranging between biomass accumulation and maturation 1.

An adjacent no-harvest RMZ and wetland management zone (WMZ) have similar characteristics to the proposed harvest unit. Unit boundaries other than RMZs and WMZs include stands harvested within the last 20 years and private property.

The several Rule Identified Landforms (RILs) have been excluded from this unit by timber sale boundary tags. Leave trees were used to provide additional protection to these RILs which in some cases also provided additional protection to type 5 streams.

Unit 3: The trees to be harvested are comprised of Douglas-fir, western hemlock, western redcedar, Sitka spruce, red alder and bigleaf maple. The average DBH within the units is 19 inches, measured by cruise. The Understory vegetation consists mainly of Sword fern, with a lesser shrub component consisting mainly of Salmonberry, some understory tree recruitment is occurring.

Forest Resource Inventory System (FRIS data) estimates that the main cohort of this stand to be approximately 58 years old. An old-growth assessment was conducted on this unit and found this estimate to be reasonable. An older cohort was identified and is estimated to be approximately 120 years old. Shade tolerant relict trees may predate the older cohort but do not exist at a level that constitutes a stand. The primary cohort of this stand is in the biomass accumulation/stem exclusion stage of stand development. Because this is a previously managed stand with multiple cohorts and legacy trees some characteristics associated with older stages of development are present.

Three trees approaching 60 inches DBH or greater were located within the unit and all three have been excluded from harvest as non-tradeable leave trees (painted with double blue bands). Many of the scattered trees of the older cohort were selected as single leave trees or included in leave tree areas. Downed woody debris and snags were also given higher priority when selecting leave tree areas.



Unit 1: Showing typical stand conditions in unit.



Unit 2: Showing typical stand conditions in unit.

Adjacent stands include DNR forest land to be harvested at a later time, private property with a residence on it, and land managed by the Skagit Land Trust for conservation.

OLD GROWTH ASSESSMENT

Two units were completely removed from this proposal due to combinations of operability/financial viability, slope stability, habitat, or older forest concerns. These areas are included in the *Conserved area* statistic listed in this document. Because these areas were removed from the proposal before fully evaluating long-term forest cover, the *Percent contributed to Long-term forest cover* statistic is an estimate.

An old-growth assessment was conducted in Unit 1 (originally labeled Unit 4) and a 16-acre old-growth stand was identified, delineated, and deferred from harvest. See Pepper Potts UNIT 4 OG Assessment FINAL dated 12/18/2023 for more information.

An old-growth assessment was also conducted for Unit 3. Two distinct cohorts were identified that span nearly the entirety of the proposed unit. Neither cohort had origin dates approaching the 1850 date used by DNR to qualify as old-growth. Some shade tolerant trees may predate either cohort but do not exist in large enough numbers to constitute a stand. See Pepper Potts UNIT 3 OG Assessment FINAL dated 11/28/2023 for more information.

CONSERVATION AREAS

Conservation areas within the timber sale include no-harvest riparian management zone (RMZ) and wetland management zone (WMZ) buffers and excluded forest practices (FP) rule identified landforms.

SILVICULTURAL PRESCRIPTION

Revegetate with Douglas-fir and western redcedar. Natural regeneration anticipated to contribute to species diversity.

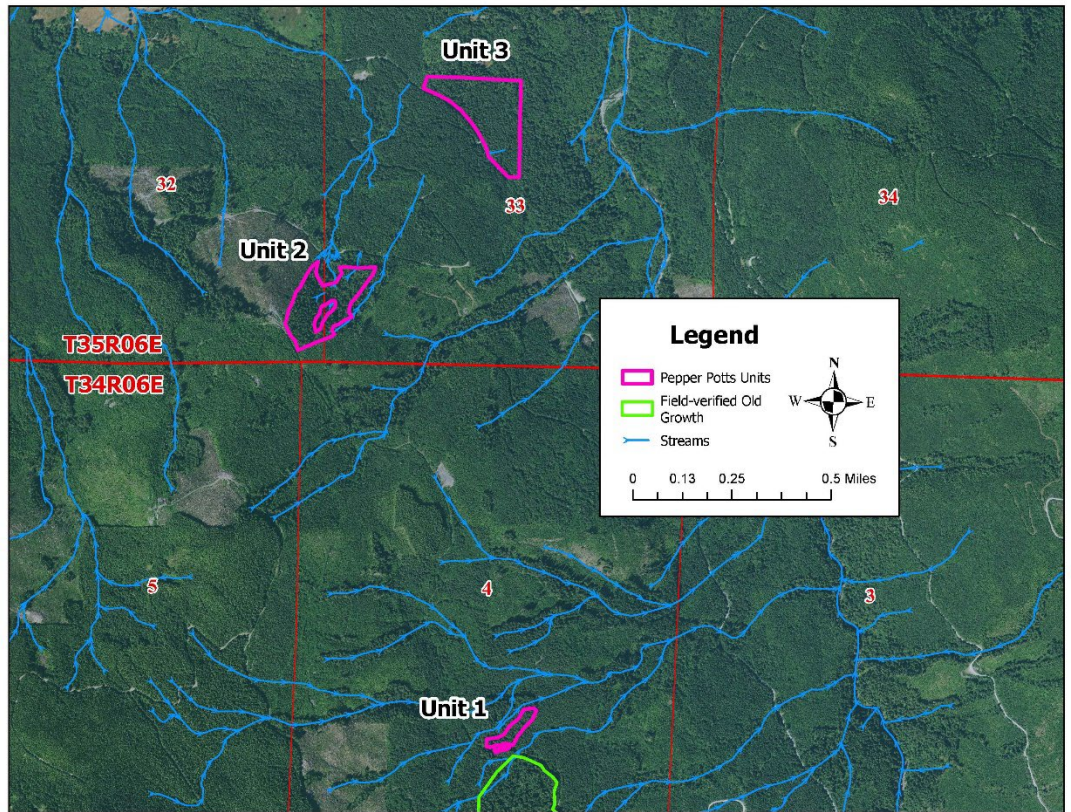


Unit 3: Showing the stage of stand development of the primary cohort.



Unit 3: Showing a tree from the older cohort in contrast with the main cohort of the stand.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Skagit County - TCA 1325**

Taxing District	Total to Fund
Skagit County	\$ 43,079
County Road	\$ 57,711
Medic 1 Services	\$ 13,850
Hospital District 304	\$ 4,425
Conservation Futures	\$ 1,460
Sedro Woolley School District	\$ 119,883
State Levy	\$ 105,292
Port District #2 - Skagit	\$ 17,277
Central Skagit Library	\$ 11,274
Totals:	\$ 374,250***

*Based on appraisal

**2024 tax rates

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



HILARY S. FRANZ
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Product Sales and Leasing Division

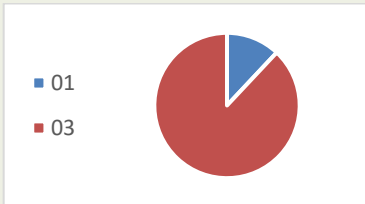
General Location



Sale Specifics

HCP Planning Unit: **North Puget**
Management Block: **Pilchuck**
Sale Type: **Lump Sum**
Volume: **4,173 MBF**
Appraisal: **\$693,000**

Trust Distribution



Conservation Facts

Original planned acres: **177**
Final harvest acres: **81.9**
Conservation and leave tree acres: **93.8**
Percent conservation and leave tree acres: **53%**

Notable Protected Features

Streams, Snags, Remnant Trees, FP rule-identified landforms

Certifications

Sustainable Forestry Initiative

VW TIMBER SALE

Region: Northwest

County: Snohomish

District: Cascade

Unit: Starbird

Planned BNR meeting: November 2024

Planned auction date: December 18, 2024

FPA Classification: III

Status of timber sale: FPA approved 9/10, SEPA NFD signed 9/11

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	18.7	VRH	1945-1950	Maturation I
2	15.3	VRH	1945-1950	Maturation I
3	16.4	VRH	1945-1950	Biomass accumulation/ Stem exclusion
4	30.0	VRH	1945-1950	Maturation I
ROW	1.4	ROW	1945-1950	Maturation I

DESCRIPTION OF SALE

This sale primarily consists of western hemlock with secondary components of western redcedar, Douglas-fir, Pacific silver fir as well as scattered hardwoods. DBH averages about 18 inches. The units display limited structural complexity, with relatively uniform canopy structure, though gaps are developing in some areas allowing for a developed shrub understory.

OLD GROWTH ASSESSMENT

No old growth assessments were conducted with this timber sale. The V-Twin timber sale, adjacent to this sale, did conduct an old growth assessment in 2021 due to a moderate WOGHI hit near that sale. The V-Twin old growth assessment concluded the WOGHI hit area to be a second growth stand, it did not meet the criteria for deferral as an "old growth stand."

CONSERVATION AREAS

A remnant western redcedar has been protected with a non-tradeable leave tree area in the northern portion of Unit 1. Other conserved areas include type 3 and type 4 streams and their RMZ buffers. Leave tree areas conserve snags, large down cedar logs, a portion of a type 5 stream as well as representative current stand structure.



Remnant western redcedar protected in a non-tradeable leave tree area.



Unit 3 stand characteristics.



Blue painted, upturned cedar stump identified for protection by a NW region biologist.

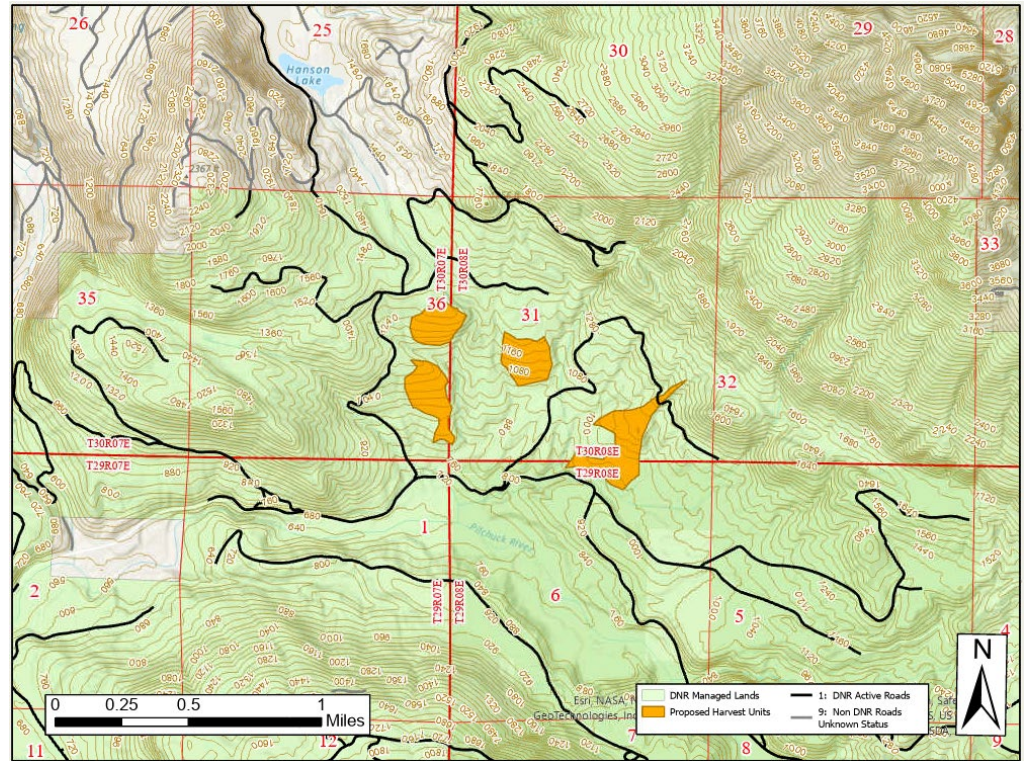


Western hemlock snags protected in a leave tree area.

GEOLOGY

Inner gorge and shallow landslides have been bound out of the harvest area. In addition, a channel migration zone has been excluded from the harvest area.

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Snohomish County - TCA 3879**

Taxing District	Distribution
County Regular	\$ 3,947
County Conservation Futures	\$ 172
Hospital Dist. #1 Maintenance	\$ 1,378
Sno-Isle Intercounty Rural Library	\$ 2,648
Road District	\$ 6,614
Granite Falls School Dist. Bonds	\$ 10,511
Granite Falls School Dist. Capital Projects	\$ 6,874
Granite Falls School Dist. Enrichment	\$ 10,179
State School 1	\$ 11,964
State School 2	\$ 6,420
Totals:	\$ 60,707***

*Based on appraisal

**Based on 2024 county tax rate

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

COUGAR VRH VDT TIMBER SALE

Region: **Northwest**

County: **Snohomish**

District: **Cascade**

Unit: **Starbird**

Planned BNR meeting: **November 2024**

Planned auction date: **December 18, 2024**

FPA Class: **III**

Status of timber sale: FPA approved on 9/30, SEPA NFD signed 9/24

HARVEST UNIT DETAILS

Unit	Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	4.5	VRH	1970's	Biomass accumulation/ stem exclusion
2	19.7	VRH	1970's	Biomass accumulation/ stem exclusion
3	16.3	VRH	1970's	Biomass accumulation/ stem exclusion
4	56.9	VRH	1970'	Biomass accumulation/ stem exclusion
5	7.2	VRH	1970's	Biomass accumulation/ stem exclusion
6	5.8	VRH	1970's	Biomass accumulation/ stem exclusion
7	10.3	VRH	1920's	Maturation 1
WMZ	25	VDT	1970's	Biomass accumulation/ stem exclusion
RMZ	2.3	VDT	1970's	Biomass accumulation/ stem exclusion
ROW	0.6	ROW	1970's	Biomass accumulation/ stem exclusion

DESCRIPTION OF SALE

Units 1-6, WMZ, RMZ, ROW: The composition of the stands is primarily Douglas-fir with secondary species of western hemlock and western redcedar. The understory in the stands is sword fern and salmon berry. The average DBH within the units is 16 inches. Leave trees were selected to protect old growth stumps, unique structural trees, wildlife snags, and Type 5 streams. No old growth was found within these units. The composition of the RMZs and WMZs was primarily western redcedar and Douglas-fir with scattered hardwoods along the streams edge with an understory of salmonberry and devils club. Snags with various heights were observed. Minimal downed wood was observed. The approximate age of these stands is 50-60 years old. Adjacent to these units is the Jaguar timber sale harvested

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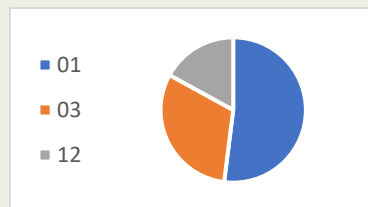
General Location



Sale Specifics

HCP Planning Unit: **North Puget Planning Unit**
Management Block: **Woods Creek / Pilchuck**
Sale Type: **Lump Sum**
Volume: **4,480**
Appraisal: **\$1,212,000**

Trust Distribution



Conservation Facts

Original planned acres: **250**
Final harvest acres: **121.3 (VRH)**
Conservation and leave tree acres: **124.7**
Percent conservation and leave tree acres: **50%**

Notable Protected Features

Streams, Wetlands, FP rule-identified landforms

Certifications

Sustainable Forestry Initiative



Douglas-fir primary species stands in Unit 4.



Old growth stump in LTA Unit 4.



Unit 7-LTA with Douglas Firs.



Wildlife snag included in a non-tradeable leave tree area.

in 2017, wetlands, and private property.

Unit 7: The composition of the stand is primarily Douglas-fir with secondary species of western hemlock and western redcedar. The understory in the stand is sword fern, salmonberry, and salal. The average DBH within the unit is 19 inches. Leave trees were selected to protect old growth stumps, unique structural trees, wildlife snags, and public view along South Lake Roesiger Road. The composition of the WMZs was primarily western redcedar and Douglas-fir with scattered hardwoods with an understory of salmonberry and Devil's club.

OLD GROWTH ASSESSMENT

An Old Growth Designee determined that an old growth assessment was not needed for any of the units within the Cougar timber sale. The Old Growth Designee conducted multiple site visits to verify no old growth assessment was needed.

UNIQUE SALES CHARACTERISTICS

Cougar is located within the Woods Creek WAU, which has a completed watershed analysis. This watershed analysis requires conservation measures in addition to Forest Practices and State Lands HCP requirements. Portions of the sale area required a Hydrologic Module analysis in order to ensure vegetation class distribution across the Upper East Fork Sub-basin remains adequate. Other areas required maintaining all conifers within 50 feet of the highwater mark, so we will not be thinning within those WMZ areas. Soil disturbance and erosion are of particular concern within the Woods Creek WAU. In order to reduce erosion, certain areas may only be cable logged to reduce rutting and impact of heavy equipment on soils. Much of Unit 4 falls within such an area, requiring cable harvesting in an area which would otherwise be open to ground-based equipment.

Unit 7 has a non-tradeable leave tree area protecting a potential Pileated Woodpecker nest/roosting cavity.

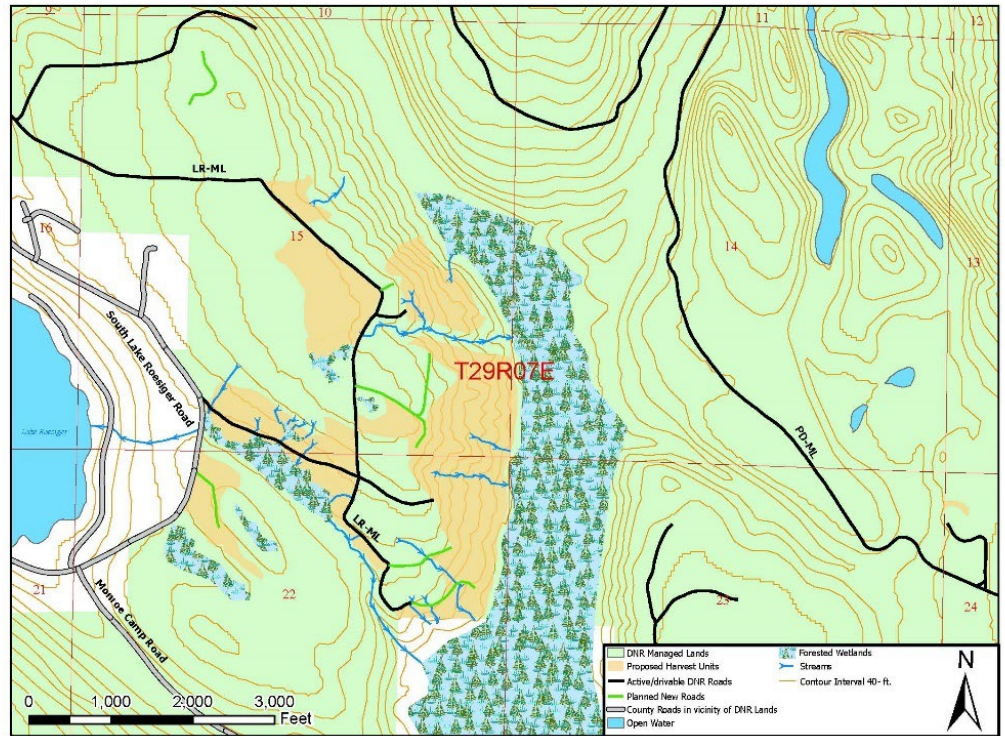
CONSERVATION AREAS

Conservation areas within the timber sale include no-harvest riparian management zone (RMZ) buffers along type 3 and type 4 streams, a no-harvest wetland management zone (WMZ) buffer along forested wetlands in Unit 4 and Unit 7, thinning the WMZ buffer between Units 5 and 6, the WMZ buffer in Unit 2, and the WMZ buffer to the east of Unit 4 and excluded Forest Practices (FP) rule identified landforms.

SILVICULTURAL PRESCRIPTION

Plant with Douglas-fir and western redcedar 360-400 trees per acre (TPA).

LANDSCAPE VIEW



ESTIMATED TRUST 01 REVENUE BREAKDOWN*

Trust 01 - Snohomish County - TCA 5730**

Taxing District	Distribution
County Regular	\$ 28,395
County Conservation Futures	\$ 1,240
Hospital Dist. #1 Maintenance	\$ 9,913
Sno-Isle Intercounty Rural Library	\$ 19,049
Road District	\$ 47,585
Snohomish School Dist. Bonds	\$ 105,178
Snohomish School Dist. Capital Projects	\$ 33,218
Snohomish School Dist. Enrichment	\$ 99,665
State School 1	\$ 86,069
State School 2	\$ 46,185
Totals:	\$ 476,498***

*Based on appraisal

**2024 tax rates

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



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

JUNEAU TIMBER SALE

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

District: Black Hills **Unit:** Littlerock

Planned BNR meeting: November 2024

Planned auction date: December 17, 2024

FPA Classification: III

Status of timber sale: FPA approved 4/14/23, SEPA NFD signed 2/17/23

HARVEST UNIT DETAILS

Unit	Net Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	66	VRH	Post-1910	Biomass Accumulation/Stem Exclusion & Maturation II
2	36	VRH	1911-1937	Biomass Accumulation/Stem Exclusion & Maturation II
3	43	VRH	Post-1910, 1930 & 1988	Biomass Accumulation/Stem Exclusion & Maturation II
4	12	VRH	Post-1960	Maturation I
5	2.7	ROW	Post-1988	Biomass Accumulation/Stem Exclusion
6	0.1	ROW	Post-1986	Biomass Accumulation/Stem Exclusion
7	0.8	ROW	Post-1990	Biomass Accumulation/Stem Exclusion

SALE OVERVIEW & STAND DESCRIPTION

This sale is comprised of 4 VRH units and 3 ROW units within the Capitol State Forest. The origin date of the stands, which ranges from 1910s-1990, was determined using field sampling and observations. Scattered old growth remnants (i.e. pre-1850) and post-fire legacy trees (post-1870) were identified in Unit 1 and targeted for retention as part of the leave tree strategy. Overstory species composition consists primarily of Douglas-fir (DF) with a lesser component of western hemlock (WH) and western red cedar (RC) with hardwood-dominated areas. The understory is dominated by sword fern with Oregon-grape, salal, and vine maple. The sale average DBH is 22.5" for DF, 23.9" for RC, and 24.7" for WH.

Stand development stage in 98 out of 160 acres is characterized as Maturation II with WH and RC present in the dominant canopy layer as part of the pioneer cohort; in the bole zone as a secondary cohort; and in the

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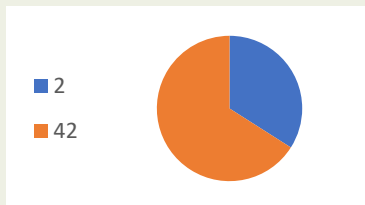
General Location



Sale Specifics

HCP Planning Unit: **South Coast**
Management Block: **Capitol**
Sale Type: **Lump Sum**
Volume: **7,215 mbf**
Appraisal: **\$3,157,000**

Trust Distribution



Conservation Facts

Original planned acres: **279**
Final net harvest acres: **160**
Conservation and Leave tree acres: **118**
Percent conservation and Leave tree acres: **42%**

Notable Protected Features

Streams, wetland, potentially unstable slopes, remnant legacy trees, cultural resources

Certifications

Sustainable Forestry Initiative



Unit 1: Representative of stand (Maturation II)



Unit 3: Representative of stand (BMA/SE)



Unit 3: Legacy remnant retained under leave tree strategy.



Unit 4: Representative of stand

understory as seedling, sapling and small poles. In areas characterized as Maturation I, a cohort of advanced regeneration has established in the understory but does not significantly contribute to stand structure. There is no vertical diversification in stands characterized as Biomass Accumulation/Stem Exclusion.

CONSERVATION AREAS

Leave trees in the sale area are primarily arranged in clumps, with a few individually marked, at a density of 8-12 trees per acre. Leave trees were selected to: retain individual remnants and other legacy structure where found, trees exhibiting or with potential for high wildlife use, and to add protection for unique or sensitive features and potentially unstable slopes. Additionally, varying sizes of leave tree clumps will create horizontal diversity in the next stand. Any trees 60" DBH or larger will be retained as leave trees.

Streams and wetlands adjacent to the sale have been typed and riparian buffers will contribute to long-term forest cover. A wildlife biologist was consulted to assess streams and wetlands and incorporate appropriate protection for sale design.

An archaeologist reviewed the sale area. The sale design incorporates recommendations by the archaeologist.

OLD GROWTH ASSESSMENT

A single high Weighted Old-Growth Habitat Index (WOGHI) point was identified adjacent to Unit 1 during pre-screening and an old growth assessment was completed by a trained old-growth specialist. In addition to assessment at the WOGHI point, a remote review of historic aerial photography and vegetation height data was conducted to evaluate additional surrounding areas. FRIS estimates the origin date of this stand to be 1929. Coring data, however, determined that the primary cohort originated in the 1910s with some scattered legacy trees from both an old-growth cohort and a cohort that established following a high-intensity fire the late 1870s. Initial logging in the early 1900s salvaged any commercial trees left post fire. Some areas where salvage did not occur resulted in undisturbed advance regen areas that now have a canopy of majority DF with some over-story western red cedar and western hemlock. This stand does not meet the criteria for deferral under DNR's old-growth policy.

SILVICULTURAL PRESCRIPTION

Portions of the sale area will be replanted with red alder at a rate of 540 trees per acre to address forest health concerns due to widespread laminated root rot. All other areas 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

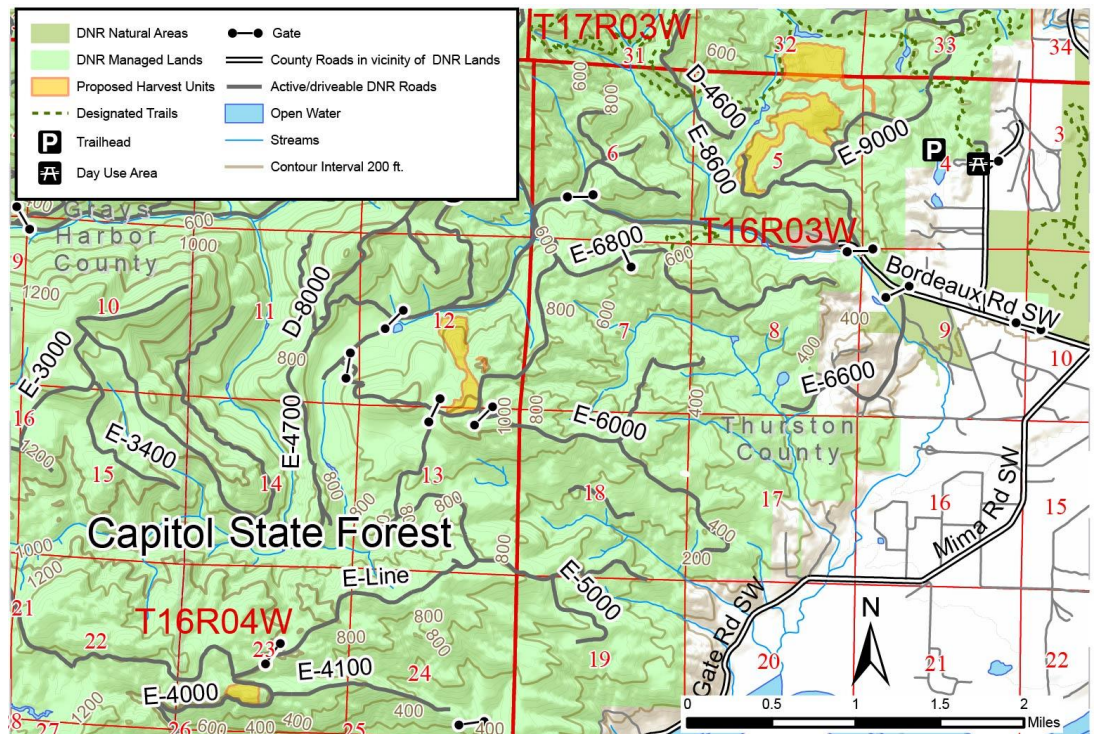
This sale was field assessed by a licensed geologist. Potentially unstable landforms including inner gorges and bedrock hollows were identified and excluded from the harvest area.

PUBLIC USE BENEFITS

This timber sale is located within the Capitol State Forest, which is open to, and heavily used by, recreationalists. Approximately 7 miles of maintenance of existing roads, which receive significant impact from use by the recreating public, will be completed by this timber sale. Additionally, this sale will improve stream crossing structures on existing roads that are used by the public.

The timber sale avoids nearby recreation trails.

LANDSCAPE VIEW



ESTIMATED TRUST 02 AND 42 REVENUE BREAKDOWN*

Trust 02 - Thurston County - TCA 475**

Taxing District	Total to Fund
State	\$ 92,386
County	\$ 36,343
Medic One	\$ 13,394
Port of Olympia	\$ 5,391
Timberland Library	\$ 9,638
County Road	\$ 30,826
Rochester SD #401	\$ 96,406
PUD #1	\$ 231
Totals:	\$ 284,613***

Trust 42 - Per RCW 79.64.100 - TCA 475**

Taxing District	Total to Fund
State	\$ 179,182
County	\$ 70,486
Medic One	\$ 25,977
Port of Olympia	\$ 10,455
Timberland Library	\$ 18,692
County Road	\$ 59,786
Rochester SD #401	\$ 186,979
PUD #1	\$ 434
Totals:	\$ 551,992***

*Based on appraisal

**Based on 2024 county 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 (8.24%), DNR FDA (17.05%), Thurston County (26.5%), State General Fund (23.5%)



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

CARROT TIMBER SALE

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

District: Blackhills **Unit:** Littlerock

Planned BNR meeting: November 2024

Planned auction date: December 17, 2024

FPA Classification: III

Status of timber sale: FPA approved 10/6/23, SEPA NFD signed 10/12/23

HARVEST UNIT DETAILS

Unit	Net Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	32	VRH	Post-1910, 1990	Maturation II & Biomass Accumulation/Stem Exclusion
2	21	VRH	Post-1910	Maturation II
3	16	VRH	Post-1910	Maturation II
4	4	ROW	1982	Biomass Accumulation/Stem Exclusion

DESCRIPTION OF SALE

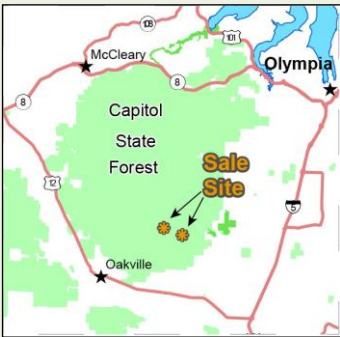
This sale is comprised of 3 VRH units and 1 ROW unit within the Capitol State Forest. The origin date of the VRH units, which primarily dates from the decade following 1910, was determined using field sampling and observations of early logging followed by a fire. A small portion of Unit 1 includes an area that was planted in 1990. Overstory species composition consists primarily of Douglas-fir (DF) with a minor component of western hemlock (WH) and western red cedar (RC), along with pockets of red alder (RA). The understory is primarily salal and sword fern with areas of dense vine maple or devil's club thickets. The sale average DBH is 26.2" for DF, 16.7" for RC, and 18.3" for WH. Stand development is predominately Maturation II with WH and RC present in the understory as seedling, sapling and small poles. Throughout all units, structure is limited, consisting of old-growth stumps, dispersed cull logs and smaller second-growth competitive mortality trees. No moderate or high weighted old-growth index (WOGHI) points were located within or adjacent to the harvest units.

CONSERVATION AREAS

Leave trees in the sale area are primarily arranged in clumps, with a few individually marked, at a density of 8-12 trees per acre across each unit.

Product Sales and Leasing Division

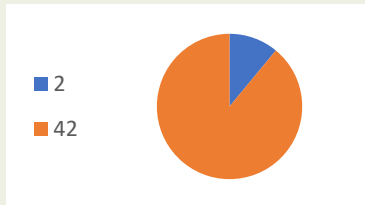
General Location



Sale Specifics

HCP Planning Unit: **South Coast**
Management Block: **Capitol**
Sale Type: **Lump Sum**
Volume: **3,479 mbf**
Appraisal: **\$1,525,000**

Trust Distribution



Conservation Facts

Original planned acres: **152**
Final net harvest acres: **73**
Conserved & Leave tree acres: **79**
Percent conservation and Leave trees: **52%**

Notable Protected Features

Streams, cultural resources, potentially unstable slopes

Certifications

Sustainable Forestry Initiative



Unit 1: Representative of stand



Unit 2: Representative of stand



Unit 3: Alder patch

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, including additional protection for streams and potentially unstable slopes. Varying sizes of leave tree clumps will create horizontal diversity in the next stand. Although no 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. These buffers will also protect cultural resources identified during sale layout.

This sale was reviewed by an archaeologist. Cultural resource areas were identified adjacent to and within the sale area and are protected according to recommendations by the archaeologist.

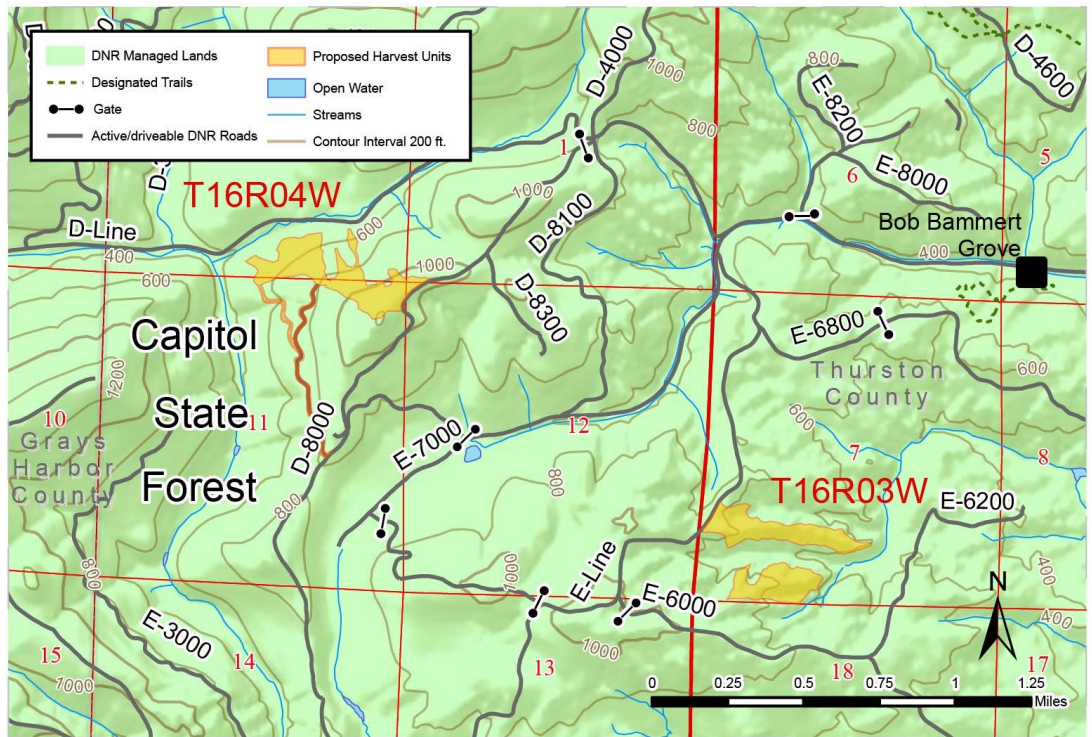
SILVICULTURAL PRESCRIPTION

Portions of the sale area will be replanted with red alder at a rate of 680 trees per acre to address forest health concerns due to laminated root rot. All other areas will be replanted with Douglas-fir and western redcedar at a rate of 360 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 geologist. Potentially unstable landforms such as inner gorge, bedrock hollows, and toes of deep-seated landslide with slopes > 65% were identified and excluded from the harvest area.

LANDSCAPE VIEW



ESTIMATED TRUST 02 AND 42 REVENUE BREAKDOWN*

Trust 02 - Thurston County - TCA 475**

Taxing District	Total to Fund
State	\$ 14,416.62
County	\$ 5,671.20
Medic One	\$ 2,090.09
Port of Olympia	\$ 841.21
Timberland Library	\$ 1,503.96
County Road	\$ 4,810.29
Rochester School District	\$ 15,043.93
PUD #1	\$ 36.05
Totals:	\$ 44,413.34***

*Based on appraisal
 **Based on 2024 county 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%)

Trust 42 - Per RCW 79.64.100 - TCA 475*

Taxing District	Total to Fund
State	\$ 116,762.82
County	\$ 45,932.08
Medic One	\$ 16,928.01
Port of Olympia	\$ 6,813.10
Timberland Library	\$ 12,180.80
County Road	\$ 38,959.39
Rochester School District	\$ 121,843.48
PUD #1	\$ 291.99
Totals:	\$ 359,711.66****



HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

CABBAGE PATCH TIMBER SALE

Region: South Puget Sound **County:** Grays Harbor, Thurston

District: Black Hills **Unit:** Delphi

Planned BNR meeting: November 2024

Planned auction date: December 17, 2024

FPA Classification: IV Special (watershed analysis)

Status of timber sale: FPA approved 10/11/23, SEPA NFD signed 10/10/23

HARVEST UNIT DETAILS

Unit	Net Acres	Harvest Type	Stand Origin	Stand Dev. Stage
1	32	VRH	Post-1950	Maturation I
2	50	VRH	Post-1930	Maturation I
3	51	VRH	Post-1930	Maturation II
4	47	VRH	Post-1930	Maturation II
5	17	VRH	Post-1920	Maturation II
6	0.4	ROW	Post-1930	Maturation I

DESCRIPTION OF SALE

This is a 5-VRH unit, 1-Right of Way unit sale within the Capitol State Forest. The origin date of the stands, which range from 1920s-1950s, was determined using field sampling and review of historic orthophotos. Overstory species composition consists primarily of Douglas-fir (DF) with a lesser component of western hemlock (WH), red alder (RA), western red cedar (RC) and sitka spruce (SS). The understory is dominated by vine maple, salmonberry, and sword fern along with Oregon grape and salal. The sale average DBH is 20.5" for DF, 21.5" for WH, and 14.7" for RA. Stand development is Maturation II for units 3-5, with WH and RC present in the mid-story as seedling, sapling and small poles. Within units 1-2 stand development is Maturation I with shade tolerant species not yet in mid-story at 3-5' in height. Throughout all units structure is limited, consisting of old-growth stumps, dispersed cull logs and smaller second-growth competitive mortality trees. No moderate or high weighted old-growth index (WOGHI) points were located within the harvest units.

Product Sales and Leasing Division

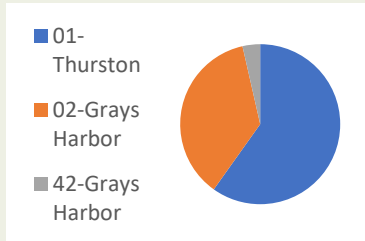
General Location



Sale Specifics

HCP Planning Unit: **South Puget & South Coast**
Management Block: **Capitol**
Sale Type: **Lump Sum**
Volume: **8,452 mbf**
Appraisal: **\$3,165,000**

Trust Distribution



Conservation Facts

Original planned acres: **317**
Final net harvest acres: **197**
Conserved & Leave tree acres: **118**
Percent conservation and Leave trees: **37%**

Notable Protected Features

Streams, wetlands, potentially unstable slopes, aggregated leave trees

Certifications

Sustainable Forestry Initiative
Forest Stewardship Council



Unit 1: Representative of stand



Unit 3: Representative of stand



Unit 5: Representative of Stand



Unit 2: Bole Zone clear of shade tolerant species.

UNIQUE SALES CHARACTERISTICS

The road plan includes a streambed maintenance project along a publicly open mainline. This will provide fish passage through culvert replacement of streambed material.

CONSERVATION AREAS

Leave trees in the sale area are arranged in clumps at a density of 8-12 trees per acre. Leave trees were selected to retain legacy trees where found, trees exhibiting or with potential for high wildlife use, and to add protection for seasonal, type 5, streams and potentially unstable slopes. Additionally, varying sizes of leave tree clumps will create horizontal diversity in the next stand. Leave trees were placed to maximize ecological benefits while allowing for safe operations during harvesting. Although no trees 60" DBH or larger were identified during layout, they will be retained as leave trees if discovered.

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

Screening for cultural resources was conducted by a cultural resource technician as well as an archaeologist. No cultural resources were located within the harvest units.

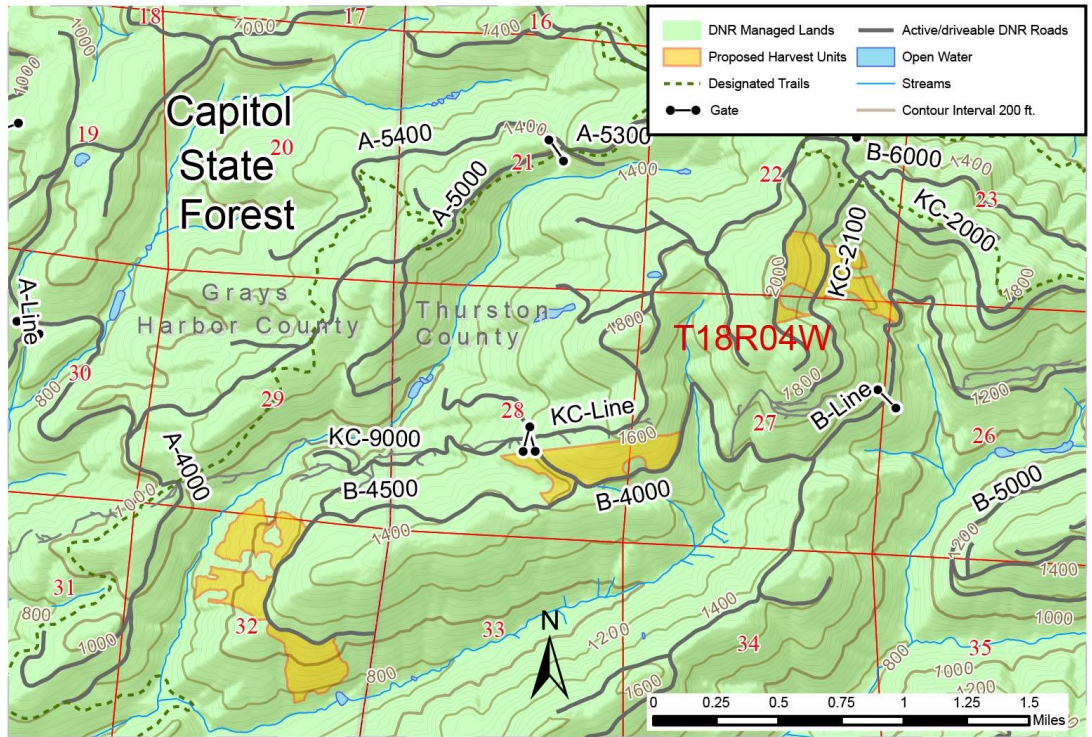
SILVICULTURAL PRESCRIPTION

The sale area will be replanted with Douglas-fir with stocking levels and type suited to the site conditions. Plantings will be supplemented with natural regeneration from seed trees 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 geologist. Potentially unstable landforms such as toes of deep-seated landslides 65%+ in slope, a cat E shallow landslide, bedrock hollows, inner gorges and a convergent headwall were excluded from harvest. Areas of potentially unstable slopes within the riparian management zone are designated as tail-hold restriction areas.

LANDSCAPE VIEW



ESTIMATED TRUST 01, 02 AND 42 REVENUE BREAKDOWN*

Trust 01 - Thurston County - TCA 135**

Taxing District	Total to Fund
State	\$ 367,025
County	\$ 144,380
Medic One	\$ 53,210
Port of Olympia	\$ 21,416
Timberland Library	\$ 38,288
County Road	\$ 122,462
Olympia School District	\$ 672,990
PUD #1	\$ 918
Totals:	\$ 1,420,689***

*Based on appraisal

**Based on 2024 county 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%)

Trust 02 - Grays Harbor County - TCA 065H1EL (96%)**

Taxing District	Total to Fund
State School 1	\$ 50,517
State School 2	\$ 27,094
County Current	\$ 33,547
Port of Grays Harbor	\$ 8,120
Timberland Regional Library	\$ 7,745
Grays Harbor County Roads	\$ 46,948
Hospital District #2	\$ 13,211
EMS	\$ 10,368
McCleary School District	\$ 39,204
McCleary School District	\$ 57,861
Totals:	\$ 294,614****

Trust 02 - Grays Harbor County - TCA 068H1EL (4%)**

Taxing District	Total to Fund
State School 1	\$ 2,263
State School 2	\$ 1,214
County Current	\$ 1,503
Port of Grays Harbor	\$ 364
Timberland Regional Library	\$ 347
Grays Harbor County Roads	\$ 2,103
Hospital District #2	\$ 592
EMS	\$ 464
Elma School District	\$ 3,426
Totals:	\$ 12,276****

Trust 42 - Grays Harbor County - Per RCW 79.64.100 TCA 065H1EL**

Taxing District	Total to Fund
State School 1	\$5,120
State School 2	\$2,746
County Current	\$3,400
Port of Grays Harbor	\$823
Timberland Regional Library	\$785
Grays Harbor County Roads	\$4,758
Hospital District #2	\$1,339
EMS	\$1,051
McCleary School District	\$3,973
McCleary School District	\$5,864
Totals:	\$29,859*****