# State of Washington

# Department of Natural Resources

Peter Goldmark, 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

October 2015 Board Meeting

Attached is a Timber Sale Packet scheduled for auction the week of November 17 - 19, 2015. This packet will be presented to the Board of Natural Resources at the October 6, 2015 Board Meeting.

			FSC	C®				Harvest	Volume	Value/	Total	<b>Total Minimum</b>
No. County	Region	Agree #	$\infty$	Trust	Sale Name	Species	Acres	Type	MBF/Acre	MBF	MBF	Bid Value
1 Clallam	OLY	92718		01-100%	PREACHERS POINT VDT	WH-73%, DF-19%, SP-8%	187	Variable Density 95%	8	\$66	1,527	\$101,000
								Variable Retention 5%				
2 Cowlitz	PC	92312		08-71%,04-16%,03-14%	RIDGE WALKER SORTS	WW-59%, DF-40%, RA-1%	425	Commercial Thin 62%	13	\$548	5,338	\$2,926,211
								Variable Retention 38%	_			
3 Lewis /Grays H	PC	92629		01-100%	DOOGIE THINNING	DF-99%, RA-1%	517	Commercial Thin 99%	5	\$89	2,560	\$271,000
4 77'	ana	02026		01 450/ 02 550/	CDEEN GD (ON	DE 700/ WWW 200/ D 1 10/	101	Clearcut 1%	20	0065	2 200	#000 000
4 Kitsap	SPS	92036	œ		GREEN SIMON	DF-79%,WW-20%,RA-1%	121	Variable Retention	28	\$265	3,388	\$898,000
5 Klickitat	SE	91842		03-57%,10-22%,08-21%	SOUTH PARK	PP-100%	370	Uneven-aged Mgt	2	\$96	908	\$87,000
									_			
6 Lewis	PC	92576		01-100%	TOUPEE THINNING	DF-100%		Commercial Thin 99%	5	\$129	1,082	\$140,000
7 Lewis	PC	92774		01-94%,03-2%,07-2%	SHOWJUMPER SORTS	DF-85%,RA-5%,RC-5%,WW-5%	136	Variable Retention	39	\$574	5,342	\$3,067,300
8 Okanogan	NE	92235		03-100%	DOUGLAS MOUNTAIN	DF-96%, WL-4%	158	Variable Retention	8	\$102	1,208	\$123,000
9 Pacific	PC	92186		03-45%,05-55%	VON TRAP	WW-91%,DF-9%	164	Variable Retention	40	\$169	6,603	\$1,115,000
10 Pacific	PC	92688		01-1%,03-99%	JADE	DF-68%,RA-31%,WW-1%	161	Variable Retention	25	\$255	4,052	\$1,033,000
11 Pacific	PC	92689		01-40%,04-5%,07-55%	HALFMOON HARDWOOD	RA-44%,DF-37%,WW-19%	81	Variable Retention	23	\$189	1,846	\$348,000
12 Skagit	NW	92229		01-1%,03-63%,06-31%,07-	NEWMAN VRH & VDT	WW-80%,DF-9%,RC-6%, RA-	130	Variable Retention 97%	38	\$215	4,897	\$1,055,000
				4%,10-1%		5%		Variable Density 3%				
13 Thurston	SPS	91933		01-50%,03-20%,42-30%	ALPINE RIDGE	DF-86%,RA-8%,WW-4%, RC-	62	Variable Retention	54	\$309	3,325	\$1,028,000
						2%						
Totals							2,742	_	15	\$290	42,076	\$12,192,511
rotals							4,744			Ψ <b>=</b> 20	44,070	Ψ,-, -,- II

Trust Codes:			Species Codes:
01 = State Forest Board Transfer	07 = Capitol Building	38 = Washington State University	DF= Douglas-fir
02 = State Forest Board Purchase	08 = Normal School	41 = University Repayment	RA= Red alder
03 = Common School & Indemnity	09 = Escheat	42 = Forest Board Repayment	RC= Western red cedar
04 = Agricultural School	10 = Scientific School	77 = Water Pollution Control	WW= White Woods (hemlock and true firs)
05 = University - Transferred	11 = University - Original		WL= Western larch
06 = C.E.P. & R.I.	12 = Community College Forest Reserve		PP= Ponderosa pine
			LP= Lodgepole pine

 $<sup>\</sup>infty$  If marked, all or part of this sale Forest Stewardship Council® (FSC)-certified (certificate No. BV-FM/COC-080501)

Note: Contract harvest sort sales above list the total minimum bid as delivered values, not stumpage. The net or stumpage value will be realized after the harvesting costs are paid out.

#### SEPA SUMMARY OF PROPOSED BOARD SALES

#### NOVEMBER 2015

#### FY16

					Threshold Determination			SEPA Comments
No.	County	Agreement #	Sale Name	Acres	DNS MDNS		ADDM	
1	Clallam	92718	PREACHERS POINT VDT	187		X		WDFW - Timing restrictions
2	Cowlitz	92312	RIDGE WALKER SORTS	425		X		
3	Lewis /Grays Harbor	92629	DOOGIE THINNING	517		X		WFLC-Slopes
4	Kitsap	92036	GREEN SIMON	121		X		
5	Klickitat	91842	SOUTH PARK	370		X		
6	Lewis	92576	TOUPEE THINNING	230		X		WFLC-Slopes
7	Lewis	92774	SHOWJUMPER SORTS	136		X		WFLC-Slopes
8	Okanogan	92235	DOUGLAS MOUNTAIN	158		X		Cons NW
9	Pacific	92186	VON TRAP	164		X		
10	Pacific	92688	JADE	161		X		
11	Pacific	92689	HALFMOON HARDWOOD	81		X		
12	Skagit	92229	NEWMAN VRH & VDT	130		X		
13	Thurston	91933	ALPINE RIDGE	62		X		

<sup>\*</sup> ALL DOCUMENTS ARE AVAILABLE TO THE BOARD AND THE PUBLIC FOR REVIEW



SALE NAME: PREACHERS POINT VDT AGREEMENT NO: 30-092718

AUCTION: November 18, 2015 starting at 10:00 COUNTY: Clallam

a.m., Olympic Region Office, Forks, WA

**SALE LOCATION:** Sale located approximately 21 miles northwest of Forks WA

PRODUCTS SOLD

**AND SALE AREA:** All timber as described in Schedule B, except those leave trees as described in Schedule C;

bounded by timber sale boundary tags, recently harvested private timber and double blue painted slashes; all trees bounded by special management tags within the "gaps", as displayed on the timber sale maps; all timber bounded by right of way boundary tags, where title does not pass to Purchaser unless road is constructed; in no instance shall downed red cedar be removed. All timber that has been on the ground for five years or more shall be left undisturbed and not yarded (5 years is defined by more than 1.5 inches of sap rot); on part(s) of Sections 23 all in

Township 30 North, Range 15 West, W.M., containing 187 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-

SFIS-US09000572)

#### ESTIMATED SALE VOLUMES AND QUALITY:

	Avg l	Ring	Total	Total	Price	Price MBF by Grade									
Species	DBH C	ount	MBF	Tons	\$/Ton		1P	2P	3P	SM	1 <b>S</b>	2S	3S	4S	UT
Hemlock	12.7	4	1,111	9,351	\$6.80							17	722	322	49
Douglas fir	13	4	294	2,261	\$6.80							11	150	122	10
Spruce	16.1	3	74	688	\$6.80							7	58	10	
Red alder	11		32	266	\$30.00									32	
Red cedar	9.8		16	142	\$50.00								1	15	
Sale Total			1,527	12,708											

MINIMUM BID: \$6.80/ton (est. value \$101,000.00) BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$20,200.00 SALE TYPE: Tonnage Scale

**EXPIRATION DATE:** September 30, 2017 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: Spruce, Hemlock, Douglas fir combined

**BID DEPOSIT:** \$10,100.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 100% Ground. Rubber tire skidders may be allowed if skid trail and soil disturbance

requirements can be met and a harvest plan has been submitted and approved by the contract administrator. For marbled murrelet restrictions, no operations (excluding haul), will be allowed within 328' of the Olympic National Park in the northwest portion of the sale, from one hour before to two hours after official sunrise and from one hour before to one hour after official

sunset from April 1 through September 23.

**ROADS:** 4.66 stations of optional construction. 180.58 stations of required pre-haul maintenance. 38.6

stations of optional pre-haul maintenance. In the Little Siwash Pit, Purchaser must strip approximately .2 acre to useable rick as determined by the Contract Administrator and drill and shoot 5,000 cy of shot rock as shown on the Pit Development Plan in the Road Plan. For marbled murrelet restrictions, no operations (excluding haul), will be allowed within 328' of the



Olympic National Park boundary in the northwest portion of the sale, from one hour before to two hours after official sunrise and from one hour before to one hour after official sunset from April 1 through September 23. Timber haul, rock haul, pre-haul maintenance and road construction will not be permitted from October 31 to April 1 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from October 31 to April 1 unless authorized in writing by the Contract Administrator.

#### ACREAGE DETERMINATION

**CRUISE METHOD:** Sale area was 100% GPS'd. Sale unit was cruised using a variable plot sample.

**FEES:** \$27,104.00 is due on day of sale. \$1.08 per ton is due upon removal. These are in addition to the

bid price.

SPECIAL REMARKS: There is a locked gate on the Mora Pit Road - contact the Olympic Region Dispatch Center at

360-374-2811 to obtain a AA-1 key.

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DRIVING MAP Preachers Point VDT SALE NAME: **REGION:** Olympic Region AGREEMENT#: 30-092718 COUNTY(S): Clallam TOWNSHIP(S): T30R15W **ELEVATION RGE: 68-480** TRUST(S): State Forest Board-Transfer (01) Preachers Point VDT 0.5 mile 0.5 mile 0.7 mile 1.4 miles 9.3 miles 195 3.1 miles 0.9 mile Mina Smj Quillayute Prairie Rd 0.8 mile 192 **Forks** 3.9 miles 2.5 5 1.25 **DRIVING DIRECTIONS: LEGEND** From Forks drive North 0.9 mile. Turn left on La Push Rd and drive 3.1 miles. Turn right on Quillayute Prairie Rd and drive 3.9 miles Highways Turn right on Mina Smith Rd and drive 0.8 mile. **DriveRoute** Turn left on D-5000 and drive 9.3 miles. Turn left on D-5095 and drive 1.4 miles. Milepost Markers Turn right on D-5096 and drive 0.7 mile, Little Siwash pit is on the left.

Creation Date: 6/03/2015 Prepared By: gnat490 Modification Date: 6/03/2015

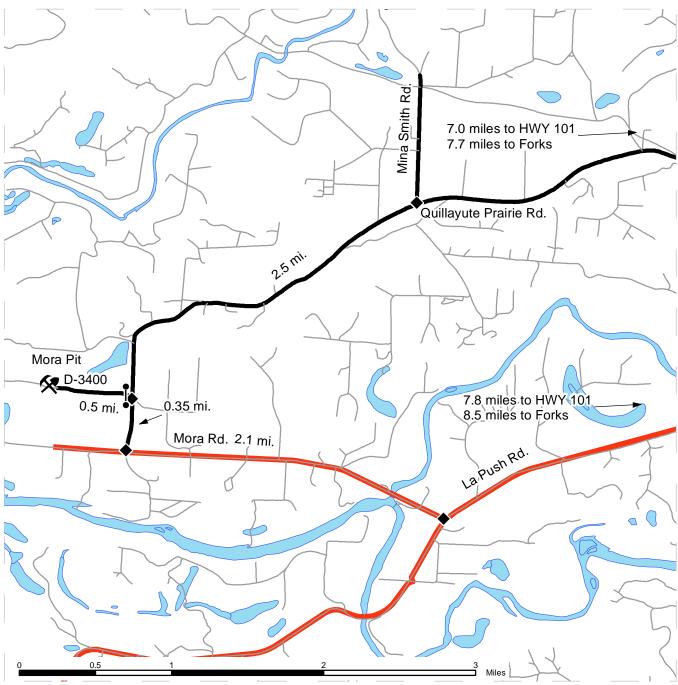
Continue 0.5 mile to enter sale area.

Continue for 0.5 mile, Old Siwash pit is off the road on the left.

Distance Indicator

**Existing Rock Pit** 

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#### **DRIVING DIRECTIONS:**

Mora Pit: From the Mina Smith Rd./Quillayute Prairie Rd. junction, travel west on Quillayute Prairie Rd. for 2.5 miles. Turn right on the D-3400. Continue on the D-3400 for 0.5 miles until you reach Mora Pit.

Prepared By: lpuk490 Creation Date: 06/27/2013 Modification Date: 06/27/2013



SALE NAME: RIDGE WALKER SORTS AGREEMENT NO: 30-092313 - 30-092326

AUCTION: November 19, 2015 starting at 10:00 a.m. COUNTY: Cowlitz

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 15 miles east of Toutle.

PRODUCTS SOLD

AND SALE AREA: All timber, except leave trees bounded by yellow "Leave Tree Area" tags and pink

flagging and individual leave trees banded with blue paint or banded with two rings of orange paint bounded by the following: white "Timber Sale Boundary" tags, the 2700 road, the 2772 road and the 2704A road in Unit 1; white "Timber Sale Boundary" tags, blue "Special Mgmt Boundary" tags, the 2700 road, the 2704 road, the 2704A road and reprod in Unit 2; white "Timber Sale Boundary" tags, the 2700 road, the 2705 road and reprod in Unit 3; white "Timber Sale Boundary" tags, the 2705 road, the 2705B road and the 2708 road in Unit 4; white "Timber Sale Boundary" tags and the 2708 road in Unit 5; white "Timber Sale Boundary" tags, the 2708 road, the 4250 road and reprod in Unit 6; white "Timber Sale Boundary" tags, the 2700D road, 2700D2 road, the 2709 road, and reprod in Unit 7 meeting the specifications described below; on parts of Sections 6, 7, 8, 16, 17 and 18 all in Township 9 North, Range 3 East, and Section 1 in Township 9 North,

Range 2 East W.M., containing 425 acres, more or less.

#### MINIMUM BID AND ESTIMATED LOG VOLUMES:

Agreement #	Sort #	Species and Sort	Average Log		mated lume	Tons Per	Minimu Delivere		Total Appraised	Bid Deposit
		Specifications	Length		I	MBF			Value	
				Mbf	Tons		\$/mbf	\$/Ton		
30-092313	1	DF 5"-7" dib	N/A	152	1216	8.0		\$55.00	\$66,880.00	\$6,688.00
30-092314	2	DF 8"-15" dib	28'	738	4797	6.5	\$600.00		\$442,800.00	\$44,280.00
30-092315	3	DF 16"+ dib	28'	273	1583	5.8	\$595.00		\$162,435.00	\$16,243.50
30-092316	4	DF HQB+ 8"-	28'	534	3204	6	\$625.00		\$333,750.00	\$33,375.00
		15" dib								
30-092317	5	DF HQB+ 16"+	28'	341	1876	5.5	\$690.00		\$235,290.00	\$23,529.00
		dib								
30-092318	6	WW 5"-7" dib	N/A	291	2474	8.5		\$45.00	\$111,330.00	\$11,133.00
30-092319	7	WW 8"-15" dib	28'	1050	7350	7	\$550.00		\$577,500.00	\$57,750.00
30-092320	8	WW 16"+ dib	28'	415	2449	5.9	\$500.00		\$207,500.00	\$20,750.00
30-092321	9	WW HQB+ 8"-	28'	601	3906	6.5	\$550.00		\$330,550.00	\$33,055.00
		15" dib								
30-092322	10	WW HQB+	28'	778	4356	5.6	\$500.00		\$389,000.00	\$38,900.00
		16"+ dib								
30-092323	11	RA 5"+ dib	24'	106	795	7.5		\$60.00	\$47,700.00	\$4,770.00
30-092324	12	DF Pulp 2"+	N/A	4	52	13		\$28.00	\$1,456.00	\$145.60
		dib								
30-092325	13	WW Pulp 2"+	N/A	38	494	13		\$28.00	\$13,832.00	\$1,383.20
		dib							*	
30-092326	14	HDWD Pulp	N/A	17	221	13		\$28.00	\$6,188.00	\$618.80
		2"+ dib							•	

Totals: 5338 34773 \$2,926,211.00

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)



BID METHOD: Sealed Bids UNIT OF MEASURE: MBF Scale/Tonnage Scale

**EXPIRATION DATE:** March 31, 2016 **ALLOCATION:** Export Restricted

**PAYMENT** 

**SECURITY:** To be determined by the State as described in Clause P-045.2 of the Purchaser's Contract.

**BIDDING** 

**PROCEDURES:** A separate sealed bid and envelope must be submitted for each log sort. Prospective

Purchasers may bid on any or all log sorts. On the day of sale the Purchaser must bring their bid deposit up to 10% of their total bid price. Complete bidding procedures and auction information may be obtained from the Pacific Cascade Region Office in Castle

Rock WA. Phone number (360)577-2025.

TIMBER EXCISE

**TAX:** Purchaser must pay

Purchaser must pay the forest excise taxes associated with the log sorts delivered to them. The tax rate for this sale is 4.2 %. Taxable Stumpage = Total Delivered Value – (Harvest Cost + Estimated Haul Cost + ARRF). For more information contact the Department of Revenue, Forest Tax Section at 1-800-548-8829.

Use the following rates for estimating taxable stumpage:

Harvest Cost = \$TBD per MBF for sorts 2, 3, 4, 5, 7, 8, 9, 10, 16, 17, 18, 19, 21, 22, 23 and 24, \$10.00 per Ton for sorts 12, 13, 14, 26, 27 and 28 and \$12.00 per Ton for sorts 1, 6, 11, 15, 20 and 25.

Hauling Services Payment Rate per Ton

= (Base Rate + Mileage Rate) x (Contractor's hauling bid factor)

Base Rate = \$2.35 per ton

Mileage Rate = ((\$0.16 x C miles) + (\$0.11 x A miles)) x Fuel Index Factor

ARRF = \$0.00 per MBF for sorts 12, 13, 14, 26, 27 and 28 and \$26.75 per MBF for sorts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, 16, 17, 18, 19, 20, 21, 22,

23, 24 and 25.

Note: To calculate AARF rates per ton use the tons\mbf conversion factor in the table

above.

**CONFIRMATION:** Each sort is subject to confirmation following auction. Sorts will not be confirmed until

at least 10 days after auction. Final contract award is contingent upon the State's haul cost analysis. Actual haul route may vary and is subject to change at the State's

discretion.



SPECIAL REMARKS: The successful Purchaser(s) will be required to purchase logs from the sale area upon delivery to their location specified in the bid submitted. Logs will be delivered to the Purchaser's delivery location by the State's contract harvester. Purchaser is responsible for weighing and scaling costs. All tonnage loads will be weighed and all mbf loads will be scaled at State approved locations. The State reserves the right to determine where logs are authorized to be scaled and weighed.

> This auction is for Units 1, 2 and 3, Sorts 1-14 of approximately 5,338 Mbf. Delivered volumes dependent on snow. Units 4, 5, 6 and 7, Sorts 15-28 of approximately 4,013 Mbf will be auctioned March 2016.

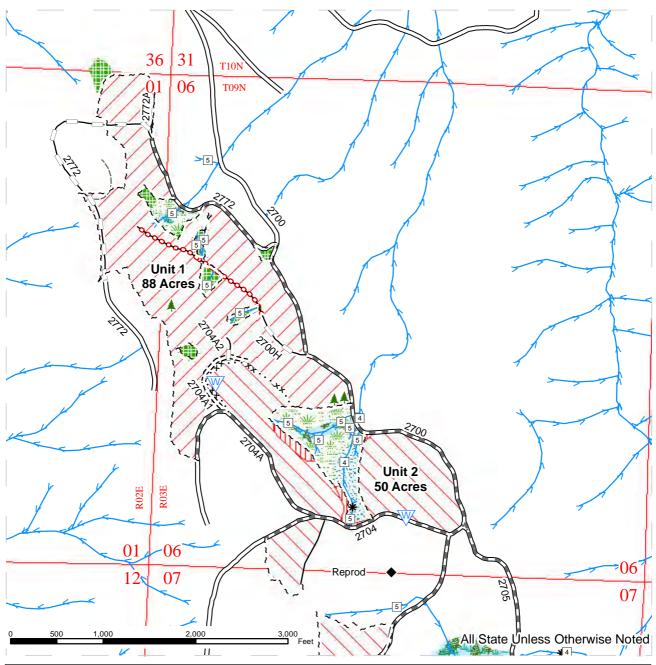
For more information regarding this log sort sale visit our web site: http://www.dnr.wa.gov/BusinessPermits/Topics/AppraisalPackets/Pages/Home.aspx. If you have questions call Dave Sund at the Pacific Cascade Region Office at (360)577-2025 or Steve Teitzel at the Product Sales and Leasing Division Office in Olympia at (360)902-1741.

~ ~ ~ Sale Boundary Tags

SALE NAME: RIDGE WALKER SORTS REGION: Pacific Cascade Region

AGREEMENT#: 30-092312 COUNTY(S): COWLITZ
TOWNSHIP(S): T09R02E, T09R03E ELEVATION RGE: 2148-2561

TRUST(S): Common School and Indemnity(3), Agricultural School(4), Normal School(8)





Prepared By: sogd490 Creation Date: 10/28/2014 Modification Date: 9/9/2015

Required Reconstruction

N

Riparian Mgt Zone

Wetland Mgt Zone

Forested Wetland

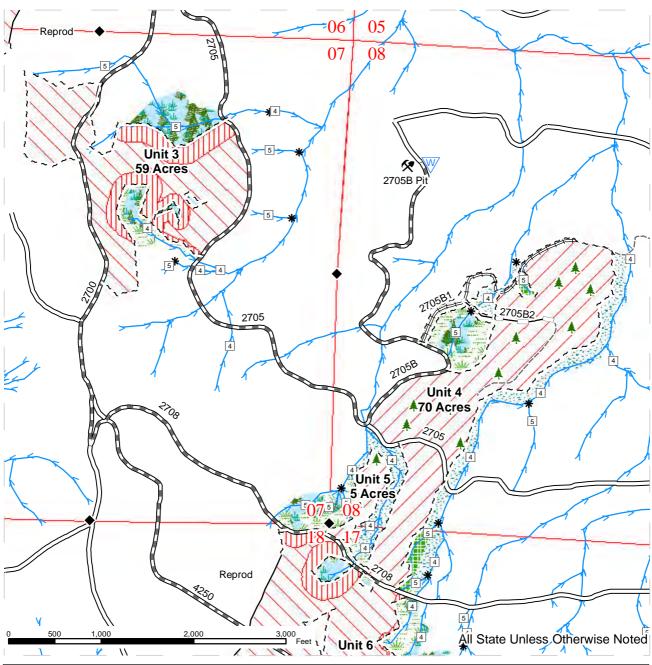
~ ~ ~ Sale Boundary Tags

SALE NAME: RIDGE WALKER SORTS REGION: Pacific Cascade Region

 AGREEMENT#: 30-092312
 COUNTY(S):
 COWLITZ

 TOWNSHIP(S):
 T09R03E
 ELEVATION RGE:
 2148-2561

TRUST(S): Common School and Indemnity(3), Agricultural School(4), Normal School(8)



// Variable Retention Harvest	···×× Special Mgt Area Tags	Required Abandonment
` Thinning		>> Streams
Riparian Restoration	==== Existing Road	☐ Stream Type
Leave Tree Area	Required Pre-Haul Maintenance	* Stream Type Break

====: Required Construction

— Optional Reconstruction

— Old Grades / Trails

Leave Trees

Waste Area

Existing Rock Pit

Prepared By: sogd490 Creation Date: 10/28/2014 Modification Date: 9/9/2015

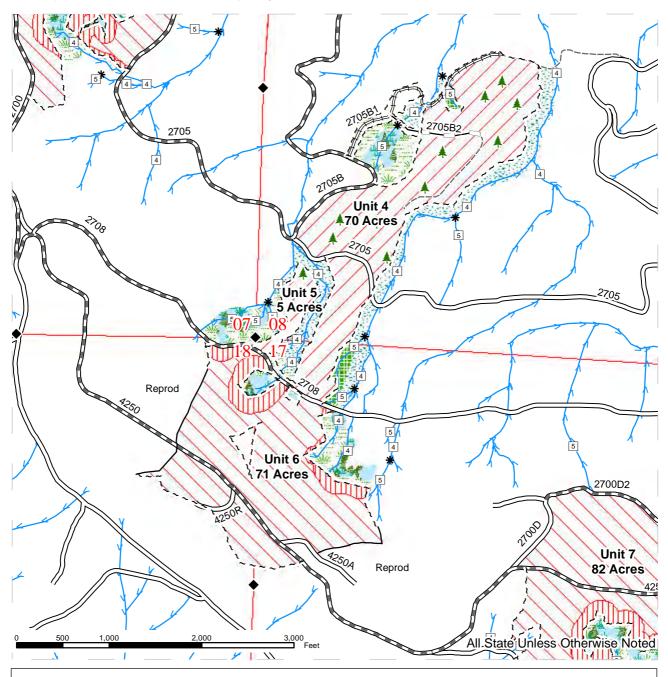
Required Reconstruction

N

SALE NAME: RIDGE WALKER SORTS REGION: Pacific Cascade Region

AGREEMENT#: 30-092312 COUNTY(S): COWLITZ
TOWNSHIP(S): T09R02E, T09R03E ELEVATION RGE: 2148-2561

TRUST(S): Common School and Indemnity(3), Agricultural School(4), Normal School(8)



Required Pre-Haul Maintenance

==== Required Construction

Optional ReconstructionOld Grades / Trails

Required Reconstruction

••• Required Abandonment

Streams

☐ Stream Type

Stream Type Break

▲ Leave Trees

Waste Area
Existing Rock Pit

Riparian Mgt Zone

Wetland Mgt Zone

Forested Wetland

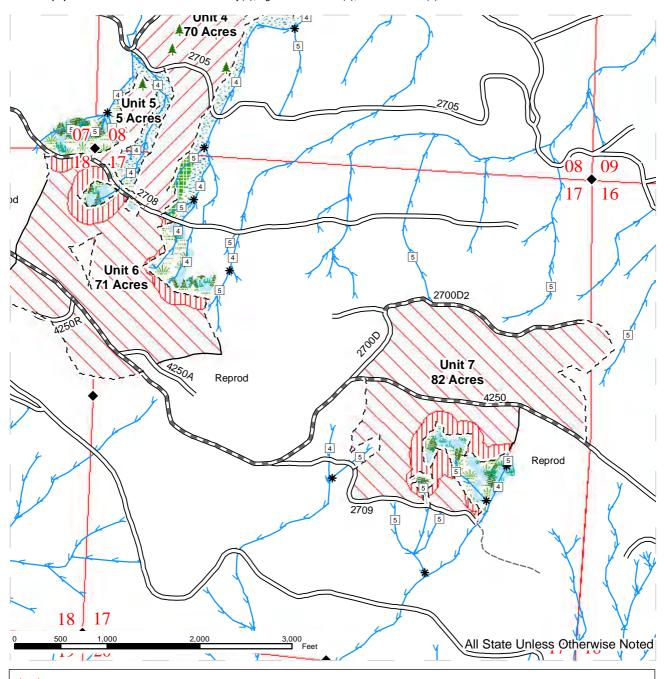
~ ~ ~ Sale Boundary Tags

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SALE NAME: RIDGE WALKER SORTS REGION: Pacific Cascade Region

AGREEMENT#: 30-092312 COUNTY(S): COWLITZ
TOWNSHIP(S): T09R02E, T09R03E ELEVATION RGE: 2148-2561

TRUST(S): Common School and Indemnity(3), Agricultural School(4), Normal School(8)





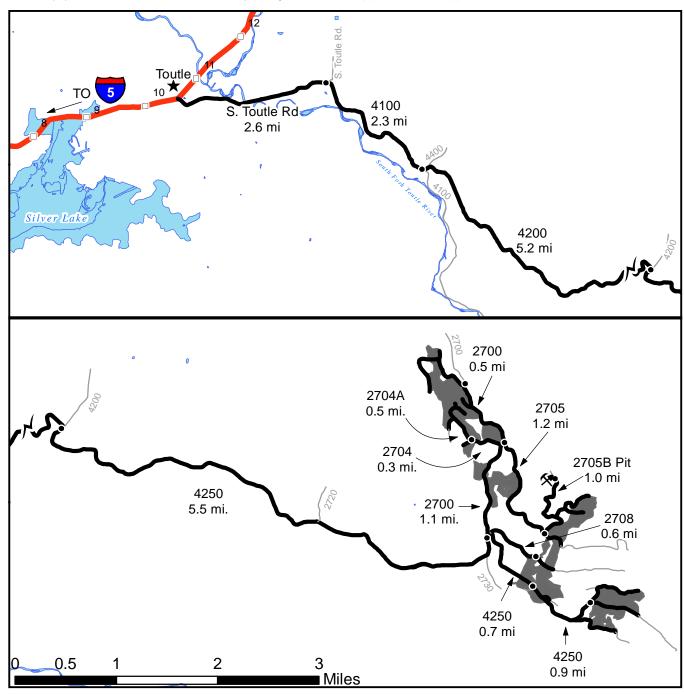
Prepared By: sogd490 Creation Date: 10/28/2014 Modification Date: 9/9/2015

#### DRIVING MAP

SALE NAME: RIDGE WALKER SORTS REGION: Pacific Cascade Region

AGREEMENT#: 30-092312 COUNTY(S): COWLITZ
TOWNSHIP(S): T09N R03E ELEVATION RGE: 2148-2561

TRUST(S): Common School and Indemnity (3), Agricultural School (4), Normal School(8)





- Milepost Marker
- Distance Indicator
- Existing Rock Pit

#### **DRIVING DIRECTIONS:**

From State Route 504 (milepost 10), turn south onto South Toutle Rd. Continue 2.6 miles and turn right onto the 4100 Rd. Drive 2.3 miles to the 4100/4200 intersection. Turn left onto the 4200 and continue 5.2 miles until reaching the 4200/4250 intersection. Turn right and onto the 4250 and continue for 5.5 miles to the 4250/2700 intersection.

Turn left on 2700, follow 0.4 mi. to unit 3.

Continue on 2700 0.7 mi. to 2704. Turn left onto 2704 to unit 2.

Follow 2704 0.3 mi. to 2704A. Veer right onto 2704A, follow 0.5 mi. to unit 1.

From 4250/2700/2708 intersection, turn onto 2708 and follow 0.6 mi. to units 4 and 5.

From 4250/2700 intersection, veer right to follow 4250 0.7 mi. to unit 6.

Continue 0.9 mi on 4250 to unit 7.

2705B Rock Pit: From 4250/2700 intersection, turn left onto 2700. Follow 1.0 mile to 2705; turn right onto 2705. After 1.2 mi., turn left onto 2705B and follow 1.0 mi. to rock pit.

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Prepared By: crds490 Creation Date: 2/5/2015 Modification Date: 2/5/2015



#### SALE NAME: DOOGIE THINNING AGREEMENT NO: 30-092629

**AUCTION:** November 19, 2015 starting at 10:00 a.m., **COUNTY:** Grays Harbor, Lewis

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 8 miles Southwest of Rochester

PRODUCTS SOLD

AND SALE AREA: All timber, except leave trees as described in Schedule A, down timber existing for 5

years or greater and or 20 inches in diameter or greater, and bounded by the following: Timber Sale Boundary tags, pink flagging, existing roads and reprod in Unit 1; all timber within the clearing limits of roads, except timber within the clearing limits of road segments not constructed on part(s) of Sections 7, 8, 9 and 17 all in Township 15 North,

Range 4 West, W.M., containing 517 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

#### ESTIMATED SALE VOLUMES AND QUALITY:

	Avg F	Ring	Total	Total	Price				N	IBF by	Grade				
Species	DBH Co	ount	MBF	Tons	\$/Ton	1	P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	10.8	7	2,549	18,812	\$14.30							8	1,533	973	35
Red alder	9		10	75	\$19.00								1	9	
Red cedar	9		1	7	\$111.00									1	
Hemlock	17		1	1	\$14.30									1	
Maple	10.1		1	4	\$19.00									1	
Sale Total			2,562	18,899											

MINIMUM BID: \$14.30/ton (est. value \$271,000.00) BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$54,200.00 SALE TYPE: Tonnage Scale

**EXPIRATION DATE:** October 31, 2018 **ALLOCATION:** Export Restricted

**BIDDABLE SPECIES: Douglas fir** 

**BID DEPOSIT:** \$27,100.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

**HARVEST METHOD:** Ground based equipment and Cable. The sale is estimated to be 75% ground based

yarding and 25% cable yarding. Ground based yarding is restricted to 45% slopes. Refer to Schedule A and RFRS Cutting Cards for leave tree specifications. Refer to the H-015, H-025, H-120, H-130, H-140 and H-141 for additional harvesting specifications. Lead end suspension is required for all yarding activities. Ground Based Yarding will not be permitted from October 31 to May 1 unless authorized in writing by the Contract

Administrator.

**ROADS:** 41.93 stations of optional construction. 210.32 stations of optional reconstruction.

275.36 stations of Required Pre-haul Maintenance. 34.11 stations of Light Abandonment. 24.03 stations of Medium Abandonment. 5.37 stations of Heavy

Abandonment. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be reclaimed from other optional roads constructed for this contract at



no cost to the Purchaser. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained from any commercial source approved in writing by the Contract Administrator. Road construction will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. Road construction is restricted from Nov 1 to April 30, except for the road work on the H-5200 (6+75 to 37+25) and the H-7000 (6+00 to 28+65) which is restricted from October 1st to June 30th unless authorized in writing by the Contract Administrator. Abandonment of the H-5200, H-5210, H-7000, and H-7000 EXT will be completed no later than September 30th of the year of use. The hauling of forest products will not be permitted from October 31 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

**CRUISE METHOD:** Acreage was determined by GPS. The sale area was cruised using a variable plot cruise

method.

**FEES:** \$45,440.00 is due on day of sale. \$1.15 per ton is due upon removal. These are in

addition to the bid price.

SPECIAL REMARKS: No operations shall occur on any weekends or State recognized holidays without written

approval from the Contract Administrator.

SALE NAME: Doogie Thin AGREEMENT#: 30-092629 Doogie Thinning REGION: Pacific Cascade Region COUNTY(S): GRAYS HARBOR ELEVATION RGE: 111-707 TOWNSHIP(S): T15R04W TRUST(S): Common School and Indemnity(3) 01 06 05 Private 07 Private Unit 1 517 Acres H-8000 H-4433 H-8010 9020 <sup>X</sup>>000, Ext. rivate Reprod 2,000 All State Unless Otherwise Noted **Thinning** = Existing Roads Streams Stream Type Riparian Restoration Required Pre-Haul Maintenance Riparian Mgt Zone Stream Type Break **Optional Construction** Sale Boundary Tags Monumented Corners Optional Reconstruction Repod Required Abandonment × × Daylighting H-Line

Ν

Prepared By: mlan490 Creation Date: 3/19/2015 Modification Date: 8/3/2015

Doogie Thinning

SALE NAME: Doogie Thin AGREEMENT#: 30-092629 GRAYS HARBOR COUNTY(S): **ELEVATION RGE: 111-707** TOWNSHIP(S): T15R04W TRUST(S): Common School and Indemnity(3) 05 Chrehrallis Rive Private Unit 1 517 Acres H-3100 H-4433 H-4430 V 09 Reprod 2,000 1,000 Áll State Unless Otherwise Noted **Thinning Existing Roads** Streams Stream Type Riparian Restoration Required Pre-Haul Maintenance Riparian Mgt Zone Stream Type Break **Optional Construction** Sale Boundary Tags Monumented Corners Optional Reconstruction Repod Required Abandonment × × Daylighting H-Line

REGION:

Pacific Cascade Region

Ν

Prepared By: mlan490 Creation Date: 3/19/2015 Modification Date: 8/3/2015

#### DRIVING MAP

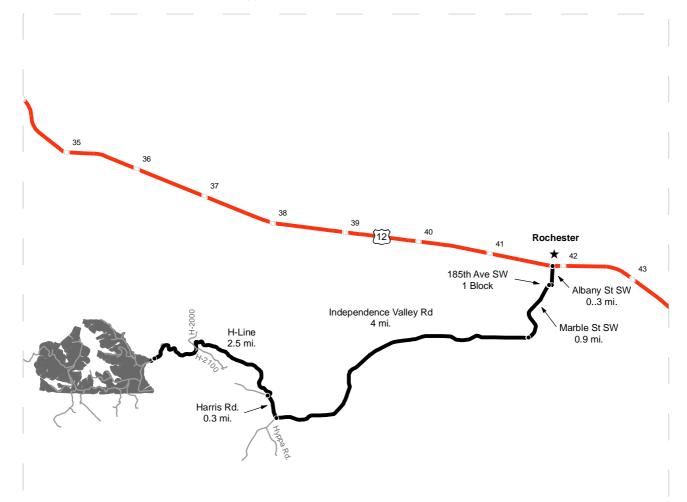
SALE NAME: DOOGIE THIN AGREEMENT#: 30-092629

TOWNSHIP(S): T15R04W

TRUST(S): Common School and Indemnity(3)

REGION: Pacific Cascade Region GRAYS HARBOR

**ELEVATION RGE: 111-707** 





Timber Sale Unit
Highways
Haul Route
Other Route
Milepost Markers

Distance Indicator

#### **DRIVING DIRECTIONS:**

From Highway 12 at Rochester, turn south onto Albany St SW and follow for 0.3 miles to 185th Ave SW.

Turn left onto Marble St SW and follow for 0.9 miles to Independence Valley Rd.

Turn right onto Independence Valley Rd and follow for 4 miles to Harris Road.

Turn right onto Harris Rd and follow for 0.3 miles to the H-Line gate.

Turn right onto the H-Line and follow for 2.5 miles to Unit1.

Ν

Prepared By: jhom490 Creation Date: 3/20/2015 Modification Date: 7/20/2015

SALE NAME: GREEN SIMON AGREEMENT NO: 30-092036

AUCTION: November 17, 2015 starting at 10:00 a.m., COUNTY: Kitsap

South Puget Sound Region Office, Enumclaw, WA

**SALE LOCATION:** Sale located approximately 16 miles west of Bremerton.

PRODUCTS SOLD

AND SALE AREA: All timber, except leave trees marked with blue paint or bounded out by yellow leave tree

area tags and downed timber existing more than 5 years prior to the day of sale, bounded by the following: white timber sale boundary tags and the GM-1 Road in Unit #1; white timber sale boundary tags and property lines marked with pink flagging and carsonite posts in Unit #2; all timber marked with red paint within the WMZ Unit #3; on part(s) of Sections 9, 10, 15 and 16 all in Township 24 North, Range 1 West, W.M., containing 121

acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572) and FSC 100% raw materials under the Forest Stewardship

Council® Standard (cert no: BV-FM/COC-080501).

### ESTIMATED SALE VOLUMES AND QUALITY:

	Avg ]	Ring	Total			N	IBF by	Grade	e			
Species	DBH C	ount	MBF	1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	14.1	8	2,674				85		1,350	668	534	37
Hemlock	11.1	8	546						193	107	99	147
White pine	14.8		125						82	26	13	4
Red alder	16.5		30						7	19	4	
Red cedar	16.1		13							6	7	
Sale Total			3,388									

MINIMUM BID: \$898,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$100,000.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** October 31, 2016 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$89,800.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

**HARVEST METHOD:** Cable and ground based equipment, with ground based equipment limited to sustained

slopes that are 40 percent and less. Yarding may be restricted if rutting becomes

excessive in the opinion of the Contract Administrator, per clause H-017.

Falling, yarding and timber haul will not be permitted from November 1st to April 30th for all units, nor on weekdays from 7:00 pm to 7:00 am in Unit 2, weekends or state recognized holidays for all units, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1st to April 30th, the purchaser shall be required to operate under a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.



#### **ROADS:**

22.98 stations of required construction. 6.52 stations of optional construction. 1.50 stations of optional reconstruction. 52.12 stations of required pre-haul maintenance. 6.52 stations of decommissioning, if constructed. 11.89 stations of road closure. Cross section designs are available at the South Puget Sound Region office upon request. Purchaser maintenance on the GM-1 Road (at the junction of the GM-1 and GM-3 Roads), GM-18, GM-36 and GM-50 Roads and Spurs 1 and 2. Designated maintenance on all other roads used.

Road construction and rock haul will not be permitted from November 1st to April 30th, nor on weekdays from 7:00 pm to 7:00 am in unit 2, weekends or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1st to April 30th, the purchaser shall be required to operate under a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

#### ACREAGE DETERMINATION

**CRUISE METHOD:** Acreage was determined by traversing boundaries by GPS. Traverse GPS files are

available upon request by emailing hillary.grabner@dnr.wa.gov. See cruise narrative for

cruise method.

**FEES:** \$60,137.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

SPECIAL REMARKS:

Unit #3 consists of 25 take trees marked with red paint located within the wetland buffer on the east side of Unit #2. The area is bounded by white timber sale boundary tags along the Unit #2/#3 boundary and white "WMZ" hand written tags from the boundary to the wetland edge on the north and south. The red painted trees will be hand felled toward Unit #2 to avoid equipment within the WMZ.

In addition to the above restrictions, wildlife timing restrictions will be in effect within a portion of Unit #2, as shown as the wildlife timing restriction area on the timber sale map. Falling, yarding, operation of heavy equipment and road construction activities within the restricted area will not be permitted from 1 hour before sunrise to 2 hours after sunrise and 1 hour before sunset to 1 hour after sunset from April 1 through August 31. This restriction does not apply to the hauling of timber, rock or equipment.

Unit #1 will primarily be logged using cable equipment, except south of the road. Unit #2 is 100 percent ground based.

Type 5 streams located within the timber sale boundary are marked with pink and black striped flagging and are protected with 30 foot equipment limitation zones on both sides of the stream. Skid trail crossings will be allowed in approved locations with prior written approval from the Contract Administrator.

Recreation trail cleanout is required in Units #1 and #2, per Schedule A, which is part of the contract. See the timber sale map for trail locations.

See map for gate locations. Gate keys may be obtained by contacting the South Puget Sound Region Office at (360) 825-1631 or by contacting Pat Halford at (360) 509-1079.

SALE NAME:

**GREEN SIMON** 

**AGREEMENT#:** 30-092036 COUNTY(S): **KITSAP** TOWNSHIP(S): T24R01W ELEVATION RGE: 953-1483 TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) All Type 5 streams within the harvest boundary are marked with pink and black striped flagging and are protected with a 30 foot GM-1 equipment limitation zone on both sides of the stream. Unit 1 Net Acres: 59 17 GM-16 16 15 Wildcat Trail **Private Private** 22 3,000 Feet 2,000 All State Unless Otherwise Noted Variable Retention Harvest Sale Boundary Tags **Streams** Riparian Mgt Zone = Existing Roads Stream Type **DNR Managed Lands** ===: Required Construction Stream Type Break Cell Tower **Above Ground Power Lines** Monumented Corners Leave Tree Clumps Marked **SPS Recreation Trails** with yellow 'Leave Tree Area' tags

Prepared By: phal490 Creation Date: 11/10/2014 Modification Date: 11/10/2014

kfry490 - 05/07/2015

Ν

South Puget Sound Region

**REGION:** 

**GREEN SIMON** SALE NAME: South Puget Sound Region **REGION: AGREEMENT#:** 30-092036 COUNTY(S): **KITSAP** TOWNSHIP(S): T24R01W ELEVATION RGE: 953-1483 TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) All Type 5 streams within the harvest boundary are marked with pink and black striped flagging and are protected with a 30 foot equipment limitation zone on both sides of the stream. 9 Tin Mine La Unit 2 Net Acres: 61 **Private Private** Gate # 213 Horse Camp Green Rock Pit **Private** Mountain A Horse Camp Mountain Unit 3 Net Acres: 0.80 GM-1 2 000 All State Unless Otherwise Noted Ν Variable Retention Harvest Sale Boundary Tags Streams Riparian Mgt Zone Pink Flagging Stream Type Take Tree Area **DNR Managed Lands** Stream Type Break Wetland Type **Existing Roads** Monumented Corners × Fence **Optional Construction** Wildlife Timing Restriction Area **SPS Recreation Trails** Leave Tree Clumps Marked Required Pre-Haul Maintenance with yellow 'Leave Tree Area' Tags Optional Reconstruction Wetlands Prepared By: nlon490 Creation Date: 11/10/2014 Modification Date: 11/10/2014

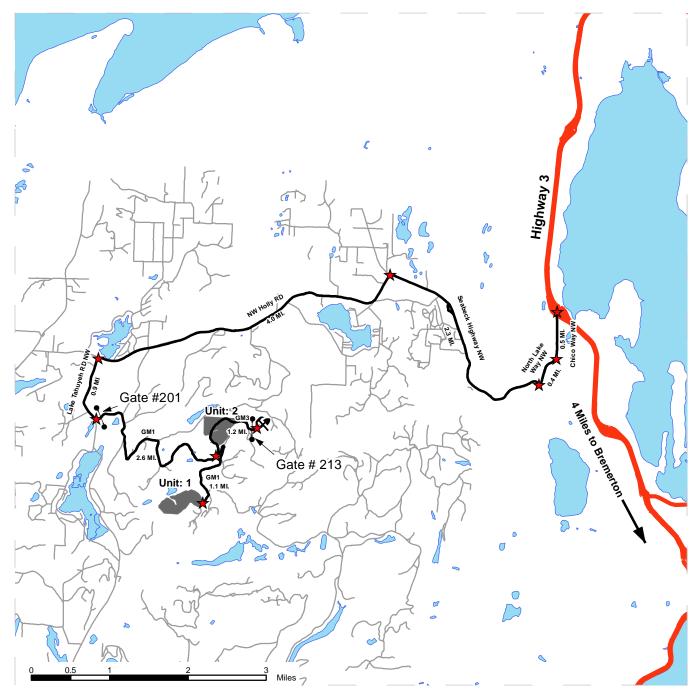
kfry490 - 06/15/2015

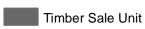
SALE NAME: GREEN SIMON AGREEMENT#: 30-092036 TOWNSHIP(S): T24R01W

TRUST(S): State Forest Transfer(1), Common School and Indemnity(3)

**REGION:** South Puget Sound Region

COUNTY(S): KITSAP ELEVATION RGE: 953-1483





Highways

Viewing Route
Other Route

★ Distance Indicator

Existing Rock Pit

• — • Gate (Master 786)

#### DRIVING DIRECTIONS:

Unit 1:

From highway 3 in Chico, travel south on Chico Way NW for 0.5 miles. Turn right onto North lake Way NW and travel 0.4 miles. Take a slight right onto Seabeck Hwy NW and travel for 2.3 miles. Turn left onto NW Holly RD and travel for 4.0 miles. Turn left onto GMH Holly RD and travel for 4.0 miles. Turn left onto GMH-1 Road (Yellow Gate # 201 with Master 786 Lock), travel for 2.6 miles. Continue straight past GM-3 intersection for 1.1 miles. Unit is on the right.

#### Unit 2:

From the GM-1 Gate travel for 2.6 miles. Turn left on the GM-3 (Horse Camp) road. After 0.3 miles unit will be on right. After 0.6 miles unit is on both sides of road.

Horse Camp Rock Pit:

From GM-1 gate (#201 Master 786 Lock), travel for 2.6 miles. Turn left towards Horse Camp on to GM-3 Road, travel 1.2 miles through gate #213 (Master 786 Lock). The Rock pit is on the right.

Prepared By: nlon490 Creation Date: 11/6/2014 Modification Date: 11/6/2014

kfry490 - 03/05/2015



#### **SALE NAME:** SOUTH PARK

**AGREEMENT NO**: 30-091842

AUCTION: November 19, 2015 starting at 10:00 a.m., COUNTY: Klickitat

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 1 miles west of Glenwood, Washington

PRODUCTS SOLD

**AND SALE AREA:** All ponderosa pine timber marked with orange take tree paint and bounded by timber sale

tags and pink flagging on part(s) of Sections 16 and 17 all in Township 6 North, Range

12 East, W.M., containing 370 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

Avg Ring Total Total Price MBF by Grade

Species DBH Count MBF Tons \$/Ton P SM 1S 2S 3S 4S 5S 6S

UT

Ponderosa pine 16 908 4,831 \$18.05 237 671

Sale Total 908 4,831

MINIMUM BID: \$18.05/ton (est. value \$87,000.00) BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$17,400.00 SALE TYPE: Tonnage Scale

**EXPIRATION DATE:** November 30, 2016 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: Ponderosa Pine.

**BID DEPOSIT:** \$8,700.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

HARVEST METHOD: Ground based equipment and Rubber tired skidder. Falling and Yarding will not be

permitted from November 30 to April 30 unless authorized in writing by the Contract

Administrator.

**ROADS:** 0.20 stations of required reconstruction. The hauling of forest products will not be

permitted from November 30 to April 30 unless authorized in writing by the Contract

Administrator.

ACREAGE DETERMINATION

**CRUISE METHOD:** Trimble gps traverse. No deduction for narrow internal forest roads or existing open

landings. Variable plot cruise.

**FEES:** \$16,117.00 is due on day of sale. \$1.69 per ton is due upon removal. These are in

addition to the bid price.

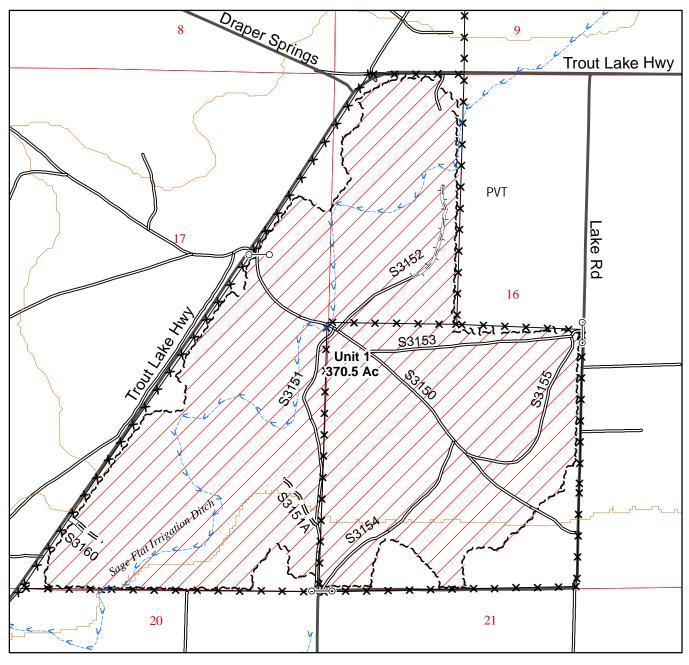
**SPECIAL REMARKS:** Existing roads and skid trails from 2002 harvest.

SALE NAME: South Park Timber Sale AGREEMENT#: 30-091842

**TOWNSHIPS:** T6-0N R12-0E Sec. 16, 17

TRUSTS: 03, 08, 10 REGION: Southeast COUNTY: Klickitat

ELEVATION RGE: 1840-1880



Timber Sale U	nit —— Paved County Road				Ŋ
○—○ GATE	Existing Road				4
× × Fence	⊢; + ;- Abandonment				<b>1</b>
>>- Non-Fish	= = = Pre-haul Maintenance	0	0.125	0.25	0.5 Miles
	Reconstruction		<u> </u>	<u>.</u>	·······································

Prepared By: J Angehrn Creation Date: May 4, 2015 Modification Date: June 4, 2015

# DRIVING MAP

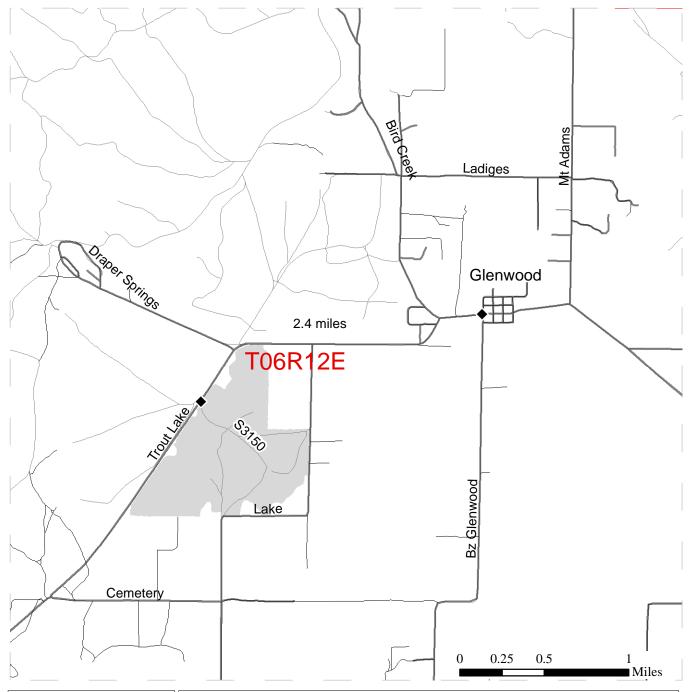
**SALE NAME:** South Park Timber Sale

AGREEMENT#: 30-091842

TOWNSHIP: Section 16 Township 06 North Range 12 East

TRUST: 03, 10

REGION: Southeast COUNTY: Klickitat ELEVATION RGE: 1840-1880



# Timber Sale Unit County Roads

# **DRIVING DIRECTIONS:**

Proceed approximately 2.4 miles west from Glenwood on Trout Lake Road to the Trout Lake Road/ S3150 road junction. Turn left onto the S3150, the timber sale unit is located on both sides of the S3150.

Prepared By: Tara Baker Creation Date: Not defined.

Modification Date: Not defined.



#### SALE NAME: TOUPEE THINNING

**AGREEMENT NO**: 30-092576

AUCTION: November 19, 2015 starting at 10:00 a.m., COUNTY: Lewis

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 16 miles southwest of Rochester WA

PRODUCTS SOLD

AND SALE AREA: All timber, except, leave trees as described in the Schedule A, down timber existing for 5

years or greater, and all down timber greater than 20 inches in diameter by the following: Timber Sale Boundary tags, and Manners Road in Unit 1; Timber Sale Boundary tags, and reprod on Units 2 and 3; all timber within the clearing limits of roads, except timber within the clearing limits of road segmenst not constructed on part(s) of Sections 25 and 36 all in Township 15 North, Range 5 West, Sections 31 and 32 all in Township 15 North, Range 4

West, W.M., containing 230 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no:

BV-SFIS-US09000572)

# ESTIMATED SALE VOLUMES AND QUALITY:

	Avg Ring	Total	Total Price			1	MBF by	Grade			
Species	DBH Count	MBF	Tons \$/Ton	1 P	2P	3P	SM	1S	2S	3S	4S UT
Douglas fir	11.3 7	1,082	8,237 \$16.90						1	795	249 37
Red cedar	21.2	1	6 \$133.00							1	
Red alder	11.1	1	8 \$18.00								1
Grand fir	28.6	1	8 \$16.90							1	
Hemlock	20.6	1	8 \$16.90							1	
Sale Total		1,086	8,267								

MINIMUM BID: \$16.90/ton (est. value \$140,000.00) BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$28,000.00 SALE TYPE: Tonnage Scale

**EXPIRATION DATE:** October 31, 2017 **ALLOCATION:** Export Restricted

**BIDDABLE SPECIES: Douglas fir** 

**BID DEPOSIT:** \$14,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

**HARVEST METHOD:** This sale is estimated to be 100% ground-based yarding. Ground-based yarding is restricted

to 40% slopes and only during dry soil conditions. Refer to the Schedule A and RFRS Cutting Cards for leave tree specifications.. Refer to the H-140 and H-141 clauses in the contract for additional harvesting specifications. Lead end suspension is required for all yarding activities. Ground Based Yarding will not be permitted from November 1 to March

31 unless authorized in writing by the Contract Administrator.

**ROADS:** 7.83 stations of optional construction. 57.92 stations of optional reconstruction. There are

169 stations of required pre-haul maintenance. 8.97 stations of light road abandonment. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained from any commercial source as approved in writing by the Contract Administrator. Road construction will not be permitted from November 1 to April 30 unless authorized in



writing by the Contract Administrator. The hauling of forest products will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

**CRUISE METHOD:** Acreage was determined by GPS. The sale area was cruised using a variable plot cruise

method.

**FEES:** \$19,205.00 is due on day of sale. \$1.13 per ton is due upon removal. These are in addition to

the bid price.

**SPECIAL REMARKS:** Right of Way units are internal to Units 1 and 3. No operations shall occur on any weekends

or State recognized holidays. Any timber harvest within two tree lengths of the Lewis County PUD right-of-way will require at least one week advance notice to the local Lewis

County PUD Operations and Maintenance District.

**TOUPEE THINNING** SALE NAME: REGION: Pacific Cascade Region **AGREEMENT#:** 30-092576 COUNTY(S): **LEWIS** ELEVATION RGE: 189-618 TOWNSHIP(S): T15R05W, T15R04W State Forest Transfer(1), Common School and Indemnity(3) TRUST(S): 30 Private 31 -1080 Unit 1 168 Acres Spur B Private -4020 4000 Private Lincoln Creek-Rd-Private 2,000 All State Unless Otherwise Noted Ш Thinning ~~~~ Sale Boundary Tags Streams Riparian Restoration Existing Roads Stream Type Required Pre-Haul Maintenance Wetland Mgt Zone Stream Type Break Riparian Mgt Zone **Optional Construction Monumented Corners** Forested Wetland Gate (PCP1-1) Optional Reconstruction Tower

Ν

Prepared By: mbra490 Creation Date: 3/9/2015 Modification Date: 7/29/2015

**TOUPEE THINNING** SALE NAME: REGION: Pacific Cascade Region **AGREEMENT#:** 30-092576 COUNTY(S): **LEWIS** TOWNSHIP(S): T15R05W, T15R04W **ELEVATION RGE: 189-618** TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) Private Reprod Private Reprod 25 **Private** Unit 3 35 Acres 36 31 Unit 2 Reprod 27 Acres Private 2,000 All State Unless Otherwise Noted Thinning ~~~~ Sale Boundary Tags Streams Riparian Restoration Existing Roads Stream Type Required Pre-Haul Maintenance Wetland Mgt Zone Stream Type Break Riparian Mgt Zone **Optional Construction Monumented Corners** Forested Wetland Gate (PCP1-1) Optional Reconstruction Tower

N

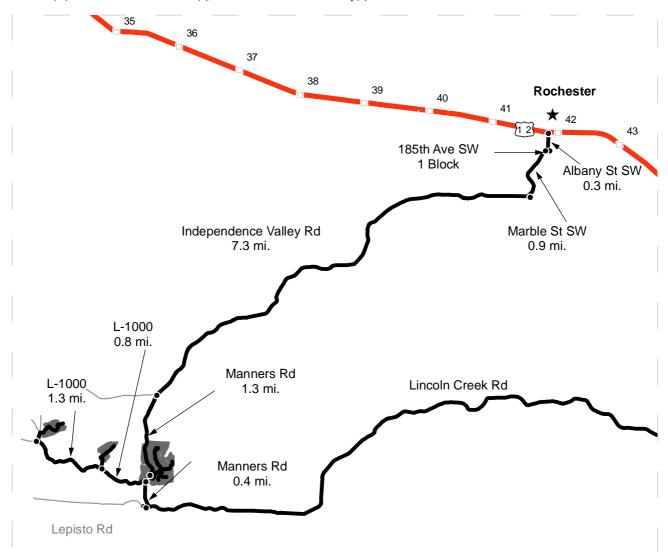
#### DRIVING MAP

**TOUPEE THINNING** SALE NAME: REGION: Pacific Cascade Region

AGREEMENT#: 30-092576 TOWNSHIP(S): T15R05W, T15R04W

TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) COUNTY(S): **LEWIS** 

**ELEVATION RGE: 189-618** 







From Highway 12 at Rochester, turn south onto Albany St SW and follow for 0.3 miles to 185th Ave SW. Turn right onto 185th AVE SW and follow for 1 block to Marble St SW.

Turn left onto Marble St SW and follow for 0.9 miles to Independence Valley Rd.

Turn right onto Independence Valley Rd and follow for 7.3 miles to Manners Rd.

Continue straight onto Manners Rd and follow for 1.3 to the L-4000 (gate) and Unit 1. Take the next right onto the L-1000 (gate) and follow for 0.8 miles and another 1.3 miles to the L-1060 (Unit 2) and L-1055 (Unit 3), respectively.

Gates can be accessed by PCP1-1 keys.



Prepared By: mbra490 Creation Date: 3/9/2015 Modification Date: 5/14/2015



SALE NAME: SHOWJUMPER SORTS AGREEMENT NO: 30-092775 - 30-092786

AUCTION: November 19, 2015 starting at 10:00 a.m. COUNTY: Lewis

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 7 miles north of Adna.

PRODUCTS SOLD

**AND SALE AREA:** All timber described below, except leave trees bounded by yellow "Leave Tree Area"

tags and pink flagging and individual leave trees marked with blue paint bounded by the following: white "Timber Sale Boundary" in Unit 1; white "Timber Sale Boundary" and the D-1500 in Unit 2; white "Timber Sale Boundary" tags, reprod and the D-1500 in Unit 3; orange "Right-of-Way Boundary" tags in Unit 4. meeting the specifications described below; on parts of Sections 11, 12, 13, and 14 all in Township 14 North, Range 4 West

W.M., containing 136 acres, more or less.

#### MINIMUM BID AND ESTIMATED LOG VOLUMES:

Agreement #	Sort #	Species and Sort Specifications	Average Log Length		Estimated Tor Volume Pe MB		Minimus Delivered	Prices	Total Appraised Value	Bid Deposit
				Mbf	Tons		\$/mbf	\$/Ton		
30-092775	1	DF 5"-7" dib		225	1800	8		\$60.00	\$108,000.00	\$10,800.00
30-092776	2	DF 8"-11" dib	28'	439	2985	6.8	\$550.00		\$241,450.00	\$24,145.00
30-092777	3	DF 12"-19"	28'	1142	5710	5	\$550.00		\$628,100.00	\$62,810.00
		dib								
30-092778	4	DF 20"+ dib	28'	1069	5131	4.8	\$500.00		\$534,500.00	\$53,450.00
30-092779	5	DF HQB+ 8"-	28'	809	4207	5.2	\$575.00		\$465,175.00	\$46,517.50
		15" dib								
30-092780	6	DF HQB+	28'	798	3751	4.7	\$600.00		\$478,800.00	\$47,880.00
		16"+ dib								
30-092781	7	WW 5"+ dib	28'	103	721	7	\$500.00		\$51,500.00	\$5,150.00
30-092782	8	RA 5"+ dib	24'	263	1841	7	\$600.00		\$157,800.00	\$15,780.00
30-092783	9	MA 8"+ dib	24'	73	511	7	\$425.00		\$31,025.00	\$3,102.50
30-092784	10	RC 5"+ dib	24'	242	1742	7.2	\$1,200.00		\$290,400.00	\$29,040.00
30-092785	11	Conifer Pulp		69	1035	15		\$30.00	\$31,050.00	\$3,105.00
		2"+ dib								
30-092786	12	HDWD Pulp		110	1650	15		\$30.00	\$49,500.00	\$4,950.00
		2"+ dib								

Totals: 5342 31084 \$3,067,300.00

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

BID METHOD: Sealed Bids UNIT OF MEASURE: MBF Scale/Tonnage Scale

**EXPIRATION DATE:** June 30, 2016 **ALLOCATION:** Export Restricted

**PAYMENT** 

**SECURITY:** To be determined by the State as described in Clause P-045.2 of the Purchaser's Contract.



#### BIDDING

#### PROCEDURES:

A separate sealed bid and envelope must be submitted for each log sort. Prospective Purchasers may bid on any or all log sorts. On the day of sale the Purchaser must bring their bid deposit up to 10% of their total bid price. Complete bidding procedures and auction information may be obtained from the Pacific Cascade Region Office in Castle Rock WA. Phone number (360)577-2025.

# TIMBER EXCISE

TAX:

Purchaser must pay the forest excise taxes associated with the log sorts delivered to them. The tax rate for this sale is 4.2 %. Taxable Stumpage = Total Delivered Value – (Harvest Cost + Estimated Haul Cost + ARRF). For more information contact the Department of Revenue, Forest Tax Section at 1-800-548-8829.

Use the following rates for estimating taxable stumpage:

Harvest Cost = \$TBD per MBF for Sorts 2, 3, 4, 5, 6, 7, 8, 9 and 10, \$10.00 per Ton for Sorts 11 and 12 and \$12.00 per Ton for Sort 1.

Hauling Services Payment Rate per Ton = (Base Rate + Mileage Rate) x (Contractor's hauling bid factor)

Base Rate = \$2.35 per ton

Mileage Rate =  $((\$0.16 \times C \text{ miles}) + (\$0.11 \times A \text{ miles})) \times \text{Fuel Index Factor}$ 

ARRF = \$26.75 per MBF for Sorts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12.

Note: To calculate AARF rates per ton use the tons\mbf conversion factor in the table above.

#### **CONFIRMATION:**

Each sort is subject to confirmation following auction. Sorts will not be confirmed until at least 10 days after auction. Final contract award is contingent upon the State's haul cost analysis. Actual haul route may vary and is subject to change at the State's discretion.

**SPECIAL REMARKS:** The successful Purchaser(s) will be required to purchase logs from the sale area upon delivery to their location specified in the bid submitted. Logs will be delivered to the Purchaser's delivery location by the State's contract harvester. Purchaser is responsible for weighing and scaling costs. All tonnage loads will be weighed and all mbf loads will be scaled at State approved locations. The State reserves the right to determine where logs are authorized to be scaled and weighed.

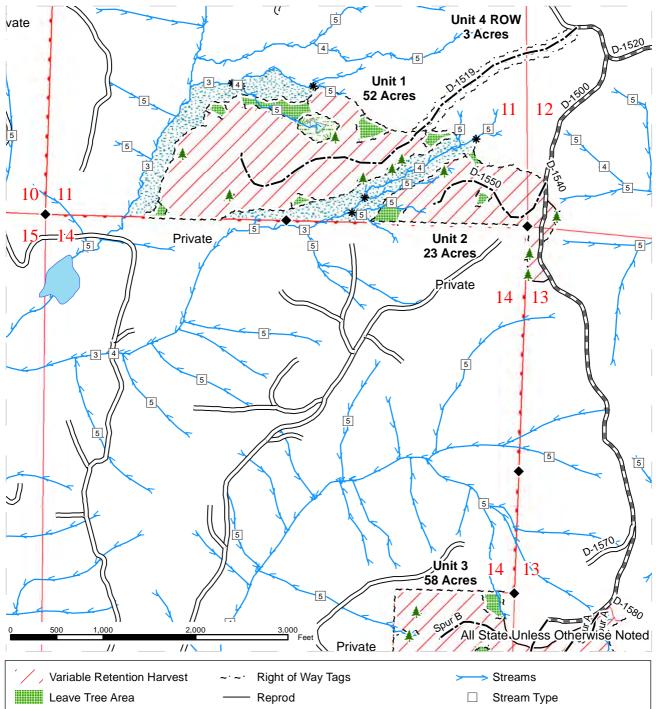
> For more information regarding this log sort sale visit our web site: http://www.dnr.wa.gov/BusinessPermits/Topics/AppraisalPackets/Pages/Home.aspx. If you have questions call Dave Sund at the Pacific Cascade Region Office at (360)880-5802 or Steve Tietzel at the Product Sales and Leasing Division Office in Olympia at (360)902-1741.

#### TIMBER SALE MAP

SHOWJUMPER SORTS SALE NAME: REGION: Pacific Cascade Region

**AGREEMENT#:** 30-092774 COUNTY(S): **LEWIS ELEVATION RGE: 305-736** TOWNSHIP(S): T14R04W

State Forest Transfer(1), Common School and Indemnity(3), Capitol Grant(7) TRUST(S):





Wetland Mgt Zone

Forested Wetland Sale Boundary Tags

Leave Tree Tags

**Existing Roads** 

Required Pre-Haul Maintenance

**Optional Construction** 

Stream Type Break

< 1/4 Acre Leave Tree Area

Gate (PCP 1-1)

Monumented Corners



Prepared By: hdec490 Creation Date: 3/3/2015 Modification Date: 7/20/2015

# TIMBER SALE MAP

Forested Wetland

Leave Tree Tags

Sale Boundary Tags

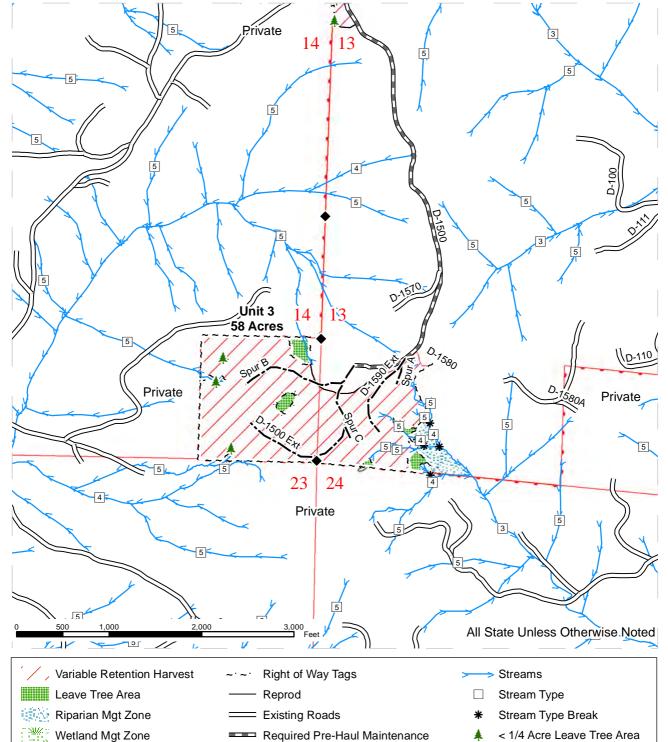
SALE NAME: SHOWJUMPER SORTS REGION: Pacific Cascade Region

AGREEMENT#: 30-092774

TOWNSHIP(S): T14R04W

COUNTY(S): LEWIS
ELEVATION RGE: 305-736

TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Capitol Grant(7)



Prepared By: hdec490 Creation Date: 3/3/2015 Modification Date: 7/20/2015

**Optional Construction** 

Gate (PCP 1-1)

Monumented Corners

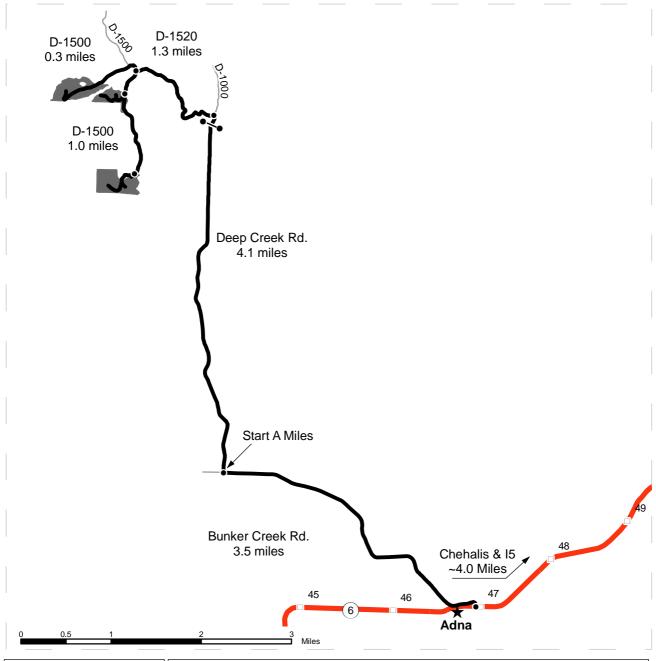
SALE NAME: SHOWJUMPER SORTS REGION: Pacific Cascade Region

AGREEMENT#: 30-092774

TOWNSHIP(S): T14R04W

COUNTY(S): LEWIS
ELEVATION RGE: 305-736

TRUST(S): State Forest Transfer(1), Common School and Indemnity(3), Capitol Grant(7)





Distance Indicator

Milepost Markers

#### **DRIVING DIRECTIONS:**

From I-5, head west on State highway 6 (exit 77) for approximatley 4 miles. After milepost 47, turn right onto Bunker Creek Road and travel for about 3.5 miles to Deep Creek Road. Turn right (north) onto Deep Creek Road. Travel on Deep Creek Road for 4 miles which turns into the D-1000. go through the gate for about 0.1 miles and turn left onto the D-1520. Continue on the D-1520 for 1.3 miles and turn left onto the D-1500.

Follow the D-1500 for 0.3 miles and Unit 1 and 2 will be on your right. Follow the D-1500 for 1.0 mile and Unit 3 will be on your left.

Ν

Prepared By: hdec490 Creation Date: 3/3/2015 Modification Date: 7/20/2015



# SALE NAME: DOUGLAS MOUNTAIN

**AGREEMENT NO**: 30-092235

COUNTY: Okanogan

**AUCTION:** November 17, 2015 starting at 10:00 a.m.,

Northeast Region Office, Colville, WA

**SALE LOCATION:** Sale located approximately 5 miles south of Loomis, WA

PRODUCTS SOLD

**AND SALE AREA:** All green conifer species excluding ponderosa pine, 7 inches and greater in diameter at

breast height, not banded with blue paint in Units 1, 2 and 3 bounded by white timber sale boundary tags; and all right of way timber banded with orange paint on part(s) of Sections 26, 27 and 34 all in Township 38 North, Range 25 East, W.M., containing 158

acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

#### ESTIMATED SALE VOLUMES AND QUALITY:

	Avg Ring	Total		Grade	•						
Species	DBH Count	MBF	P	SM	1S	2S	3S	4S	5S	6S	UT
Douglas fir	13.7	1,164				237	644	241			42
Larch	12.7	44					32	11			1
Sale Total		1,208									

MINIMUM BID: \$123,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$24,600.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** October 31, 2017 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$12,300.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

**HARVEST METHOD:** Rubber tired skidder and Track skidder. Falling and Yarding will not be permitted from

March 15 to June 1 unless authorized in writing by the Contract Administrator due to

spring breakup.

**ROADS:** 30.80 stations of required reconstruction. 27.45 stations of required abandonment. Road

construction will not be permitted from November 15 to May 1 unless authorized in writing by the Contract Administrator due to spring breakup and frozen conditions. The hauling of forest products will not be permitted from March 15 to June 1 unless

authorized in writing by the Contract Administrator due to spring breakup

# ACREAGE DETERMINATION

**CRUISE METHOD:** Acreage determined using GPS methods. Acreage shown above is net harvest acres in

harvest units. All species: 7.0 - 17.5 dbh has minimum top of 4.6 inch dib. All species 17.6 inch and greater dbh measure height to 40% of dob at 16 feet or a 6 inch top whichever is greater. Utility wood: comprised of non-board foot volume and volume below the minimum top diameter of 5.0 inches or 40% of dob at 16 feet to a minimum of

a 2.6 inch top.



**FEES:** \$21,442.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

**SPECIAL REMARKS:** There is a small percentage (2-4%) of adverse skidding throughout the sale area. Some

hand falling may be necessary in rocky areas.

REGION: Northeast F COUNTY(S): OKANOGA ELEVATION RGE: 2863-3487 SALE NAME: DOUGLAS AGREEMENT#: 30-092235 **DOUGLAS MTN** Northeast Region OKANOGAN TOWNSHIP(S): T38R25E TRUST(S): Common School and Indemnity(3) E282514E 26 27 22 Ácres 33 98-Acres All State Unless Otherwise Noted Sale Boundary Tags Highway Streams **Ground Skidding** County Road Monumented Corners = Existing Road Fence ooo Abandon

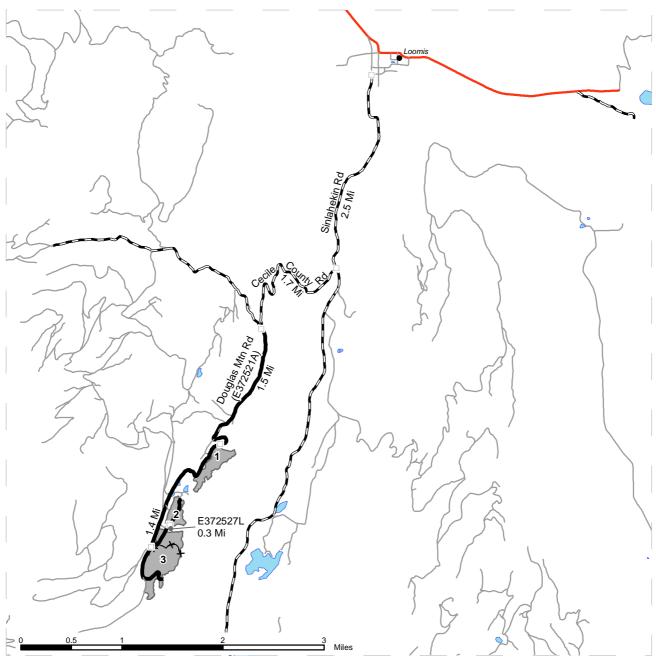
SALE NAME: DOUGLAS AGREEMENT#: 30-092235 **DOUGLAS MTN** REGION: Northeast Region COUNTY(S): OKANOGA ELEVATION RGE: 2863-3487 OKANOGAN TOWNSHIP(S): T38R25E TRUST(S): Common School and Indemnity(3) 38 Acres 27 26 22 Acres 98 Acrés 34 33 All State Unless Otherwise Noted Sale Boundary Tags Highway Streams **Ground Skidding** County Road Monumented Corners = Existing Road Fence ooo Abandon

Prepared By: cdic490 Creation Date: 1/15/2015 Modification Date: 4/1/2015

SALE NAME: DOUGLAS MTN AGREEMENT#: 30-092235 TOWNSHIP(S): T38R25E

TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): OKANOGAN
ELEVATION RGE: 2863-3487





# **DRIVING DIRECTIONS:**

From Loomis, WA: Travel south on the Sinlahekin County Road for 2.5 miles then turn west on Cecile County Road. Travel for 1.7 miles and turn south on Douglas Mtn Road (E372521A). Continue on this road for approximately 1.5 miles to reach Unit 1. To access Unit 3 continue an additional 1.4 miles and turn east on E372527L. To access Unit 2 travel north on E372527L for 0.3 miles

N

Prepared By: cdic490 Creation Date: 1/15/2015 Modification Date: 3/17/2015



# SALE NAME: VON TRAP AGREEMENT NO: 30-092186

AUCTION: November 19, 2015 starting at 10:00 a.m., COUNTY: Pacific

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 6 miles Southwest of Menlo

PRODUCTS SOLD

AND SALE AREA: All timber, except leave trees banded with a single ring of blue paint, leave trees tagged

with yellow "Leave Tree Area" tags, bounded by: White "Timber Sale Boundary" tags with Pink Flagging, reprod, the M-Line, M-4200, M-4210, M-4220, and P-Line roads in Unit 1; White "Timber Sale Boundary" tags with Pink Flagging, reprod, and the M-1500 road in Unit 2; White "Timber Sale Boundary" tags with Pink Flagging, reprod and the Stout P-line road in Unit 3; on part(s) of Sections 5 all in Township 12 North, Range 8 West, Sections 32 and 33 all in Township 13 North, Range 8 West, W.M., containing 164

acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

#### ESTIMATED SALE VOLUMES AND QUALITY:

	Avg 1	Ring	Total	MBF by Grade										
Species	DBH C	ount	MBF	1	P	2P	3P	SM	1 <b>S</b>	2S	3S	4S	UT	
Hemlock	15	6	5,880							1,689	3,248	877	67	
Douglas fir	14.4	6	562							158	300	97	7	
Silver fir	18.3		105							68	30	5	2	
Red alder	11		45								16	28	1	
Red cedar	12.3		6									6		
Spruce	28	6	5							4	1			
Sale Total			6 603											

MINIMUM BID: \$1,115,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$100,000.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** October 31, 2017 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$111,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

**HARVEST METHOD:** Ground based equipment and Cable. 90% uphill cable, and 10% ground based

harvesting. Ground based equipment is limited to 40% slopes and shall only operate

during dry soil conditions. No more than 5 trips per shovel road may occur.

**ROADS:** 40.16 stations of required construction. 25.30 stations of optional reconstruction. 578.00

stations of required pre-haul maintenance. 9.17 stations of full bench construction is required on the M-4300 road. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained from the B-1321 Pit and or B-1321 stockpile located in Section 30, Township 13 North, Range 08 West, W.M., and the Stout Quarry located in Section 33, Township 13 North, Range 08 West, W.M., at no charge to the Purchaser. Rock used in accordance with quantities on the ROCK LIST may also be obtained from any commercial source at the Purchaser's expense and subject to approval



in writing by the Contract Administrator before their use. Road construction will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

**CRUISE METHOD:** The sale acres were determined by GPS. The sale area was cruised using a variable plot

cruise method.

**FEES:** \$117,204.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

SPECIAL REMARKS: This sale has approximately 31 MBF of High Quality 2 Saw Douglas-fir, 57 MBF of High

Quality 3 Saw Douglas-fir, 309 MBF of High Quality 2 Saw western hemlock, 630

MBF of High Quality 3 Saw western hemlock; see cruise for further details.

SALE NAME:

**VON TRAP** 

REGION: **AGREEMENT#:** 30-092186 COUNTY(S): **PACIFIC** TOWNSHIP(S): T13R08W, T12R08W ELEVATION RGE: 910-1816 TRUST(S): Common School and Indemnity(3), University - Transferred(5) B-Line M-4700 Reprod Reprod Reprod Unit 1 76 Acres M-4200 Stout Quarry Reprod Private <sup>1</sup>31 Private Reprod 06 05 11.1600 500 1,000 2,000 All State Unless Otherwise Noted 11 / (V/ **Existing Road** Sale Area Streams Leave Tree Area Required Pre-haul Maintenance Stream Type Riparian Mgt Zone ==== Required Construction Stream Type Break ~ Timber Sale Tags Optional Reconstruction Leave Trees ~ Leave Tree Tags ooo Old Grade **Existing Rock Pit** 

Pacific Cascade Region

**VON TRAP** SALE NAME: REGION: Pacific Cascade Region **AGREEMENT#:** 30-092186 **PACIFIC** COUNTY(S): TOWNSHIP(S): T13R08W, T12R08W ELEVATION RGE: 910-1816 TRUST(S): Common School and Indemnity(3), University - Transferred(5) M-4700 Reprod Reprod it 1 cres M-4300 M-4200 ``Stout Quarry Reprod Reprod Unit 3 33 Reprod 41 Acres T13N P-2500 05 3,000 Feet 1,000 2,000 All State Unless Otherwise Noted Sale Area **Existing Road** Streams Leave Tree Area Required Pre-haul Maintenance Stream Type Riparian Mgt Zone ==== Required Construction Stream Type Break ~ Timber Sale Tags **Optional Reconstruction** Leave Trees ~ Leave Tree Tags ooo Old Grade **Existing Rock Pit** 

REGION: COUNTY(S): **VON TRAP** SALE NAME: Pacific Cascade Region **AGREEMENT#:** 30-092186 **PACIFIC** TOWNSHIP(S): T13R08W, T12R08W ELEVATION RGE: 910-1816 TRUST(S): Common School and Indemnity(3), University - Transferred(5) M<sub>-Line</sub> Unit 2 47 Acres M-1520 Private 06 Private 1 Private Private 1,000 2,000 All State Unless Otherwise Noted Sale Area **Existing Road** Streams Leave Tree Area Required Pre-haul Maintenance Stream Type Riparian Mgt Zone ==== Required Construction Stream Type Break ~ Timber Sale Tags **Optional Reconstruction** Leave Trees ~ Leave Tree Tags ooo Old Grade **Existing Rock Pit** 

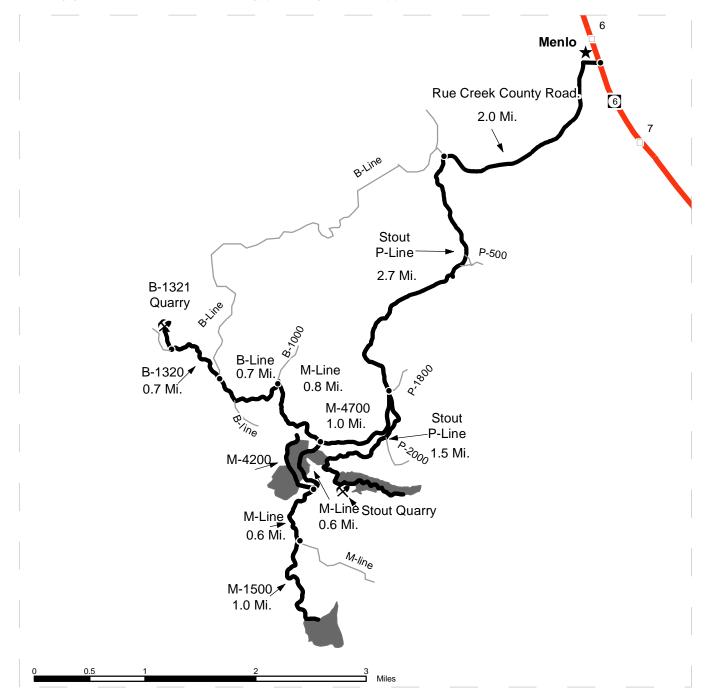
SALE NAME: VON TRAP AGREEMENT#: 30-092186

TOWNSHIP(S): T13R08W, T12R08W

TRUST(S): Common School and Indemnity(3), University - Transferred(5)

REGION: Pacific Cascade Region

COUNTY(S): PACIFIC ELEVATION RGE: 910-1816



Timber Sale Unit
Highways
Haul Route
Other Route
Milepost Markers

• Distance Indicator

# **DRIVING DIRECTIONS:**

From State Route 6 in Town of Menlo. Turn west on Rue Creek County Road and continue 2 miles.

Turn west on Rue Creek County Road and continue 2 miles. Turn left (south) on Stout P-line and continue 2.7 miles.

Unit 1: At 5 way junction continue right (southwest) on M-4700 for 1.0 mile.

At shoofly stay left (south) on M-Line for 0.1 miles to Unit 1.

Unit 2: From Unit 1 continue on the M-Line for 1.2 Miles to M-1500.

Turn right (south) on M-1500 for 1.0 mile to Unit 2.

Unit 3: From 5 way junction continue straight on Stout P-line for 1.5 miles to Unit 3.

The B-1321 Quarry is approximatly 2.5 miles west of Unit 1. The Stout Qurarry is located near Unit 3.



SALE NAME: JADE AGREEMENT NO: 30-092688

AUCTION: November 19, 2015 starting at 10:00 a.m., COUNTY: Pacific

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 10 miles Southeast of Raymond

PRODUCTS SOLD

AND SALE AREA: All timber, except trees marked with a blue painted ring or bound by yellow "Leave Tree

Area" tags, and all down timber existing 5 years prior to the day of sale, bounded by; white "Timber Sale Boundary" tags, pink flagging and pasture in Unit 1; White "Timber Sale Boundary" tags, pink flagging and pasture in Unit 2; Orange "Right of Way

Boundary" tags and orange flagging in Unit 3; Orange "Right of Way Boundary" tags and orange flagging in Unit 4. on part(s) of Sections 18, 19 and 20 all in Township 13 North,

Range 7 West, W.M., containing 161 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

# ESTIMATED SALE VOLUMES AND QUALITY:

	Avg I	Ring	Total	MBF by Grade									
Species	DBH C	ount	MBF	1P	2P	3P	SM	1S	2S	3S	4S	UT	
Douglas fir	18.8	7	2,756						1,650	783	245	76	
Red alder	14.2		1,227					28	211	327	576	84	
Hemlock	16.3		29						23	2	1	3	
Red cedar	29.8		27							26	1		
Maple	26.1		10					5	2			3	
Spruce	10		3									3	
Sale Total			4,052										

MINIMUM BID: \$1,033,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$100,000.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** September 30, 2017 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$103,300.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

HARVEST METHOD: Cable and Ground based equipment. Harvesting activities are estimated to be

approximately 10% cable and 90% ground-based. Ground-based harvesting equipment is restricted to slopes of 40% and less, and restricted during saturated soil conditions. See Clauses H-140 and H-141 for further harvest requirements. Falling and Yarding will not be permitted from October 1 to April 30 unless authorized in writing by the Contract

Administrator.

**ROADS:** 82.63 stations of required construction. 48.64 stations of optional construction. 428.21

stations of required pre-haul maintenance. 13.16 stations of road abandonment.Rock used in accordance with the quantities in the ROCK LIST under this contract may be obtained at no cost to the Purchaser from the P&E Ridge Pit, located in Section 24, Township 13 North, Range 07 West, W.M. Additional rock for this sale may be obtained from any commercial pit at the Purchaser's expense. Rock Sources will be subject to



written approval by the Contract Administrator before their use. All road work Road construction will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

# ACREAGE DETERMINATION

**CRUISE METHOD:** Acreages were determined using GPS. This sale was cruised with a variable plot method.

**FEES:** \$71,923.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

SPECIAL REMARKS: This sale contains an estimated 658 MBF of higher quality DF 2 Saw and 423 MBF of

higher quality 3 Saw logs, derived from the cruise.

SALE NAME: JADE REGION: Pacific Cascade Region **AGREEMENT#:** 30-092688 COUNTY(S): **PACIFIC** ELEVATION RGE: 219-649 TOWNSHIP(S): T13R07W TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) Unit 3 7 acres PRIV, PRIV2 Unit 1 83 acres Private Unit 4 1 acre Unit 2 70 acres Private 1,000 2,000 All State Unless Otherwise Noted X Sale Area Sale Boundary Tags Streams Leave Tree Tags Leave Tree Area Stream Type Riparian Mgt Zone ~ · ~ · ~ Right of Way Tags Stream Type Break Wetland Mgt Zone - Reprod Monumented Corner = Exisiting Road Leave Trees ==== Required Construction Required Pre-Haul Maintenance **Optional Construction** 

SALE NAME: JADE AGREEMENT#: 30-092688 REGION: Pacific Cascade Region COUNTY(S): **PACIFIC** TOWNSHIP(S): T13R07W **ELEVATION RGE: 219-649** TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) Unit 3 7 acres 13 PRIV 7 PRIV 2 **∡Unit** 1; 83 acres Private All State Unless Otherwise Noted LW-3221 \* 11 Sale Area Sale Boundary Tags Streams Leave Tree Area Leave Tree Tags Stream Type Riparian Mgt Zone ~ · ~ · ~ Right of Way Tags Stream Type Break Wetland Mgt Zone Reprod Monumented Corner = Exisiting Road Leave Trees ==== Required Construction Required Pre-Haul Maintenance **Optional Construction** 

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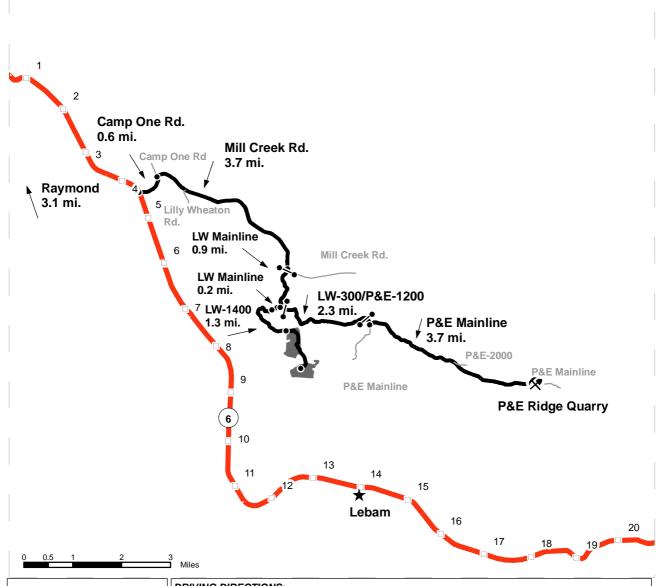
Prepared By: rfra490 Creation Date: 4/1/2015 Modification Date: 9/2/2015

SALE NAME: **JADE** REGION:

**AGREEMENT#:** 30-092688 TOWNSHIP(S): T13R07W

TRUST(S): State Forest Transfer(1), Common School and Indemnity(3) Pacific Cascade Region

COUNTY(S): **PACIFIC ELEVATION RGE: 219-649** 



# **DRIVING DIRECTIONS:**

Timber Sale Unit

Milepost Markers

Distance Indicator

Gate (PCP1-1)

Rock Pit

Highways

Haul Route Other Routes

From State Route 6 between Mile marker 4 and 5. Turn East on to Camp One Road for 0.6 miles. Turn right onto Mill Creek Rd and follow for 3.7 miles.

Turn right at gate onto Lilly Wheaton Mainline (LW Mailine) for 0.9 miles to the JCT of LW Mainline and LW-300 (PE-2000)

To Unit 1: Continue to follow LW-Mainline for 0.2 miles. Turn left on LW-1400,

continue for 0.8 miles to LW-1400 ext. Continue on the LW-1400 ext for 0.2 miles until it becomes PRIV 1. Continue on PRIV 1 for 0.1 miles until it becomes the LW-320 at Unit 1.

To Unit 2: From the start of the LW-320 and end of PRIV 1 continue 1.0 miles to Unit 2.

To Pit: From the JCT of LW Mainline and LW-300 (PE-2000). follow the LW-300 for 2.3 miles until the JCT with P and E Mainline. Turn left of P and E Mainline and follow for 3.7 miles to P and E Ridge Quarry.

Prepared By: rfra490 Creation Date: 4/2/2015 Modification Date: 9/2/2015



#### SALE NAME: HALFMOON HARDWOOD

**AGREEMENT NO**: 30-092689

AUCTION: November 19, 2015 starting at 10:00 a.m., COUNTY: Pacific

Pacific Cascade Region Office, Castle Rock, WA

**SALE LOCATION:** Sale located approximately 6 miles east of Lebam.

PRODUCTS SOLD

**AND SALE AREA:** All timber, except down timber existing 5 years prior to the day of sale, leave trees

marked with a single ring of blue paint, bounded by the following: white "Timber Sale Boundary" tags and pink flagging in Unit 1 and Unit 2; on part(s) of Sections 30, 31, 32 and 34 all in Township 13 North, Range 6 West, W.M., containing 81 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

# ESTIMATED SALE VOLUMES AND QUALITY:

	Avg ]	Ring	Total MBF by Grade										
Species	DBH C	ount	MBF		1P	2P	3P	SM	1S	2S	3S	4S	UT
Red alder	14.7		727						17	142	191	333	44
Douglas fir	16.4	7	676					29		398	181	58	10
Hemlock	15.2		346							141	145	48	12
Maple	14.2		87						10	24	2	17	34
Spruce	15.1		5								5		
Red cedar	32.2		5								4	1	
Sale Total			1,846										

MINIMUM BID: \$348,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$69,600.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** October 31, 2017 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$34,800.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

HARVEST METHOD: Cable and Ground based equipment. Harvesting activities are estimated to be

approximately 70% cable and 30% ground-based. Ground-based harvesting equipment is restricted to slopes of 40% and less, and restricted during saturated soil conditions. See Clause H-140 for further harvest requirements. Ground Based Yarding will not be permitted from November 1 to April 30 unless authorized in writing by the Contract

Administrator.

**ROADS:** 57.64 stations of optional construction. 550.00 stations of required pre-haul maintenance.

Rock used in accordance with the quantities in the ROCK LIST under this contract may be obtained at no cost to the Purchaser from the P&E Ridge Pit, located in Section 24, Township 13 North, Range 07 West, W.M. and the Squally Jim Stockpile located in Section 28, Township 13 North, Range 06 West, W.M. Additional rock for this sale may be obtained from any commercial pit at the Purchaser's expense. Rock Sources will be subject to written approval by the Contract Administrator before their use. Road work, rock haul and road construction will not be permitted from November 1 to May 1 unless

authorized in writing by the Contract Administrator. The hauling of forest



products will not be permitted from November 1 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

**CRUISE METHOD:** The sale acres were determined by GPS. The sale area was cruised using a variable plot

cruise method.

**FEES:** \$32,767.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

**SPECIAL REMARKS:** This sale contains an estimated 17 MBF 1S and 142 MBF 2S Red Alder, an estimated

164 MBF 2S and 27 MBF 3S high quality Douglas fir, an estimated 49 MBF 2S and 57

MBF 3S high quality Hemlock. See Cruise for further details.

HALFMOON HARDWOOD SALE NAME: REGION: Pacific Cascade Region COUNTY(S): PACIFIC **AGREEMENT#:** 30-92689 **ELEVATION RGE: 646-1299** TOWNSHIP(S): T13R06W TRUST(S): State Forest Transfer(1), Agricultural School(4), Capitol Grant(7) Unit 1 44 acres 30 25 36 31 **HM** Mainline HM Mainline All State Unless Otherwise Noted Sale Area Sale Boundary Tags Streams Leave Tree Area Stream Type Riparian Mgt Zone = Exisiting Road Stream Type Break Unstable Slopes Required Pre-Haul Maintenance Leave Trees -- Optional Construction

N

Prepared By: rfra490 Creation Date: 7/16/2014 Modification Date: 6/16/2015

TIMBER SALE MAP REGION: Pacific Ca COUNTY(S): PACIFIC ELEVATION RGE: 646-1299 SALE NAME: HALFMOON HARDWOOD Pacific Cascade Region AGREEMENT#: 30-92689 TOWNSHIP(S): T13R06W State Forest Transfer(1), Agricultural School(4), Capitol Grant(7) TRUST(S): Unit 2 37 Acres 2,000 All State Unless Otherwise Noted / Sale Area Sale Boundary Tags Streams Leave Tree Area Stream Type Riparian Mgt Zone = Exisiting Road Stream Type Break Unstable Slopes Required Pre-Haul Maintenance Leave Trees -- Optional Construction

Prepared By: rfra490 Creation Date: 7/16/2014 Modification Date: 6/16/2015 N

# DRIVING MAP

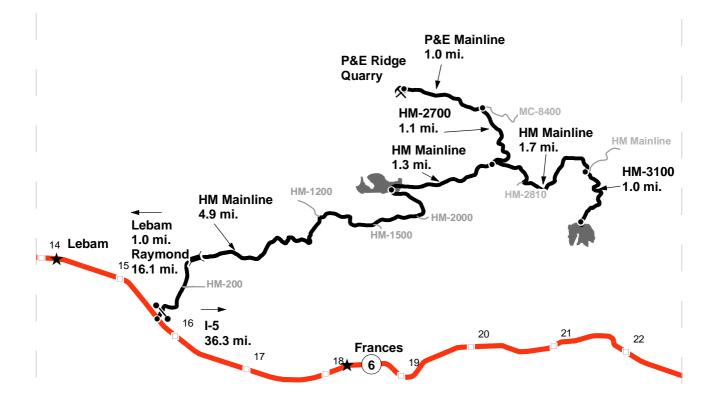
SALE NAME: HALFMOON HARDWOOD

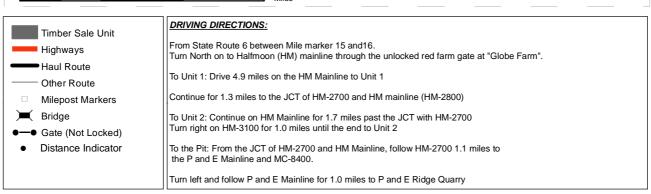
AGREEMENT#: Not Defined. TOWNSHIP(S): T13R06W

TRUST(S): State Forest Transfer(1), Agricultural School(4), Capitol Grant(7)

REGION: Pacific Cascade Region

COUNTY(S): PACIFIC ELEVATION RGE: 646-1299





Ν

Prepared By: rfra490 Creation Date: 7/16/2014 Modification Date: 6/16/2015



#### SALE NAME: NEWMAN VRH & VDT

**AGREEMENT NO**: 30-092229

**COUNTY:** Skagit

**AUCTION:** November 18, 2015 starting at 10:00 a.m.,

Northwest Region Office, Sedro Woolley, WA

**SALE LOCATION:** Sale located approximately 10 miles southeast of Sedro-Woolley

PRODUCTS SOLD

AND SALE AREA: All timber bounded by white timber sale tags and the MU-ML Road, except forest

products marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, forest products tagged out by blue special management tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit 1.

All timber bounded by white timber sale tags, except forest products marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit 2, 3, 4, 5, 6, and 7.

All timber bounded by white timber sale tags and property lines, except forest products marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit 8.

All timber as described for removal in Schedule B, (beyond blue special management tags up to the white timber sale boundary tags), within the RMZ thinning area in Unit 1.

All timber bounded by orange right of way tags, except that title to the timber within the right of way tags is not conveyed to the Purchaser unless the road segment is actually constructed.

The above described products on part(s) of Sections 22, 23, 26, 27 and 28 all in Township 34 North, Range 5 East, W.M., containing 130 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

# ESTIMATED SALE VOLUMES AND QUALITY:

	Avg F	Ring	Total			N	IBF by	Grade	,			
Species	DBH Co	ount	MBF	1P	2P	3P	SM	1S	2S	3S	4S	UT
Hemlock	12.9	8	3,251						815	1,630	697	109
Silver fir	18.3		661						378	217	38	28
Douglas fir	22.2		443						331	73	16	23
Red cedar	14.4		316							220	96	
Red alder	12.2		215						41	25	104	45
Cottonwood	25		11						9		2	
Sale Total			4.897									

MINIMUM BID: \$1,055,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$100,000.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** March 31, 2019 **ALLOCATION:** Export Restricted



**BID DEPOSIT:** \$105,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 35% or less. Falling and Yarding will not be

permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator (THIS PERTAINS TO GROUND-BASED EQUIPMENT ONLY) to

reduce soil damage and erosion.

**ROADS:** 84.66 stations of required construction. 236.56 stations of required reconstruction. 47.85

stations of optional construction. 47.85 stations of road to be abandoned if built.

Rock may be obtained from the following source(s) on State land at no charge to the

Purchaser: MU-43 Pit at station 226+50 of the MU-ML Road.

Development of an existing rock source will involve clearing, stripping, drilling, shooting, and processing rock to generate riprap, shot rock and 3-inch-minus ballast.

An estimated total quantity of rock needed for this proposal: 2,951 cubic yards of riprap, 12,750 cubic yards of ballast rock and 1,100 cubic yards of shot rock.

Installation of a 60-foot span, pre-constructed, modular type, painted steel bridge and precast concrete footings.

Acquisition of approximately 100 cubic yards of 5/8-inch minus rock from a commercial source for bridge deck surfacing and pre-cast concrete footing leveling course.

Purchaser shall pick up, transport and install a steel gate at station 312+50 on the CM-ML road.

Road construction, road reconstruction, road abandonment, and the hauling of rock will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation. The hauling of forest products will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation.

#### ACREAGE DETERMINATION

**CRUISE METHOD:** 

Acres determined by GPS traverse. 138.60 acres gross. 4.0 acres deducted for green tree retention clumps,4.0 acres deducted for existing road and 0.2 acres deducted for right-of-way within the RMZ area. 130.40 acres net. Cruised using variable plot method. Expansion factors used were 62.5, 40.0, 33.61, and 20.0; 33.61 was used in the ROW area and 20.0 was used in the RMZ thinning areas. Sighting height is 4.5 feet. A total of 101 plots were taken.

Shapefiles of units are available upon request.

**FEES:** \$86,922.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

**SPECIAL REMARKS:** 1. Trees marked with a red ring and yellow "T" represent the last take tree along

property line boundaries.

 $2. \ Outer \ boundary \ of \ harvest \ area \ in \ RMZ \ thinning \ areas \ are \ demarcated \ with \ blue$ 

special management tags within the sale area.



- 3. Cedar Poles were noted within the sale area. See cruise for further details (approximately 70 mbf of the above listed RC 3S and 14 mbf of the above noted RC 4S is deemed cedar pole quality by the Department).
- 4. Marked leave trees may be traded for trees of the same size and species with prior approval from the Contract Administrator. Cut trees must be traded for trees of similar size and same species upon approval by the CA.
- 5. Purchaser must close and lock the DNR gate at the junction of Janicki Road and the Mundt Creek Mainline at the end of every day.
- 6. Cutting and yarding in the RMZ thinning area shall not be permitted during the bark slippage season unless authorized in writing by the Contract Administrator. This season is estimated to run from April 1 to July 15 but may vary depending on weather conditions. If permission is granted to operate during the bark slippage season the purchaser shall be required to provide a plan outlining mitigation measure.

Prepared By: tkle490

NEWMAN VRH & VDT Northwest Region REGION: SALE NAME: AGREEMENT#: 92229 COUNTY(S): SKAGIT TOWNSHIP(S): T34R05E ELEVATION RGE: 1766-2889 TRUST(S): Common School and Indemnity(3), Charitable/Educational/Penal & Reformatory Instit.(6), Capitol Grant(7), Scientific School(10), Forest Board Transfer (1) East Fork of Nookachamps Creek 1949 Unit 1 2010 445+00 2010 Harvest Area ~ 130 acres Approximately: Unit1: 69.6 Unit 2: 19.6 Unit 3: 1.4 Unit 4: 1.7 Unit 5: 4.5 Unit 6: 9.5 Unit 7: 4.0 Unit 8: 9.9 RMZ: 4.3 **ROW: 5.9** 2,000 All State Unless Otherwise Noted // П Sale Area Stream Type Non-tradable Leave Trees RMZ Variable Density Thin Stream Type Break **Tradable Leave Trees** Sale Boundary Tags Wetlands Bridge ×× Special Mgt Area Tags Roads **Existing Rock Pit Optional Construction** Waste Area ~ Right of Way Tags ====: Required Construction **DNR Managed Lands** Streams Required Reconstruction RMZs **Survey Corners** 

Creation Date: 3/10/2015

Modification Date: 9/9/2015

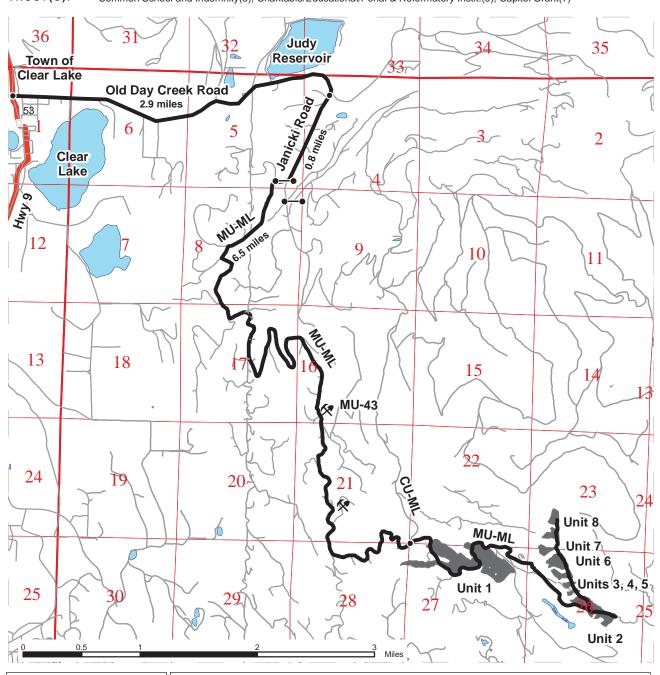
NEWMAN VRH & VDT REGION: Northwest Region SALE NAME: AGREEMENT#: 92229 COUNTY(S): SKAGIT TOWNSHIP(S): T34R05E ELEVATION RGE: 1766-2889 TRUST(S): Common School and Indemnity(3), Charitable/Educational/Penal & Reformatory Instit.(6), Capitol Grant(7), Scientific School(10), Forest Board Transfer (1) 22 Unit 8 Creek undt Creek Mainline PVT Unit 7 Harvest Area ~ 130 acres Approximately: Unit1: 69.6 Unit 2: 19.6 Unit 3: 1.4 Unit 4: 1.7 Unit 5: 4.5 Unit 6: 9.5 Unit 7: 4.0 Unit 8: 9.9 MU-83 not yet constructed RMZ: 4.3 **ROW: 5.9** 1962 1950 2,000 All State Unless Otherwise Noted // 1 Sale Area Stream Type Non-tradable Leave Trees RMZ Variable Density Thin Stream Type Break **Tradable Leave Trees** Sale Boundary Tags Wetlands Bridge ×× Special Mgt Area Tags Roads **Existing Rock Pit Optional Construction** Waste Area ~ Right of Way Tags ====: Required Construction **DNR Managed Lands** Streams Required Reconstruction RMZs **Survey Corners** 

Ν

Prepared By: tkle490 Creation Date: 3/10/2015 Modification Date: 9/9/2015

SALE NAME:NEWMAN VRH & VDTREGION:Northwest RegionAGREEMENT#:92229COUNTY(S):SKAGIT

TOWNSHIP(S): T34R05E ELEVATION RGE: 1766-2889
TRUST(S): Common School and Indemnity(3), Charitable/Educational/Penal & Reformatory Instit.(6), Capitol Grant(7)





Haul Route
Other Route

Distance Indicator

Gate

Existing Rock Pit

# **DRIVING DIRECTIONS:**

From Clear Lake, Washington, travel north 0.3 miles and turn right onto Old Day Creek Road. Travel 2.9 miles and turn right onto Janicki Road. After 0.8 miles turn right to the gate on the Mundt Creek Mainline (MU-ML); an F1-3 key is required for access. Travel ~6.5 miles on the MU-ML to the MU-ML — Cultus Mountain Mainline intersection. Keep right on the MU-ML, go 0.2 miles across the Nookachamps bridge to the boundary of Unit 1. Travel 1.6 miles uphill to the end of the MU-ML. A trail continues southeast of the MU-ML along the abandoned MU-8002 road; hike along this trail ¼ mile to the East Fork of Nookachamps Creek. Cross the creek and hike east approximately 500 – 600' uphill to the abandoned MU-8002 road. Units 4 through 8 are downhill (southwest) of this grade. To get to units 2 and 3 are downhill (southwest) of this grade.

See traverse and vicinity maps for more detail.

Modification Date: 5/26/2015

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Prepared By: mols490 Creation Date: 3/10/2015

SALE NAME: ALPINE RIDGE AGREEMENT NO: 30-091933

AUCTION: November 17, 2015 starting at 10:00 a.m., COUNTY: Thurston

South Puget Sound Region Office, Enumclaw, WA

**SALE LOCATION:** Sale located approximately 8 miles north of Littlerock

PRODUCTS SOLD

AND SALE AREA: All timber, except leave trees marked with blue paint or bounded out by yellow Leave

Tree Area tags and down timber existing more than 5 years prior to day of sale, bounded by the following: white timber sale boundary tags, C-9000 and C-9300 Road in Unit #1; white timber sale boundary tags, and the C-9400 Road in Units #2 and #3; all timber bounded by orange right of way tags on part(s) of Sections 5, 9 and 16 all in Township

17 North, Range 3 West, W.M., containing 59 acres, more or less.

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert

no: BV-SFIS-US09000572)

# ESTIMATED SALE VOLUMES AND QUALITY:

	Avg Ring		Total	MBF by Grade									
Species	DBH Count		MBF		1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	25.7	7	2,850				11	561		1,914	301	30	33
Red alder	14.5		202							42	46	96	18
Hemlock	17.1		144							90	36	12	6
Red cedar	17.1		72								62	9	1
Maple	17.6		57						10	25	6	6	10
Sale Total			3,325										

MINIMUM BID: \$1,028,000.00 BID METHOD: Sealed Bids

**PERFORMANCE** 

SECURITY: \$160,000.00 SALE TYPE: Lump Sum

**EXPIRATION DATE:** October 31, 2017 **ALLOCATION:** Export Restricted

**BID DEPOSIT:** \$102,800.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised

price.

**HARVEST METHOD:** Harvesting activities are estimated to be 80% ground-based and 20% cable. Ground

based equipments hall be limited to tracked ground based equipment on sustained slopes 40% and less. Use of tracked skidders shall be allowed for pole yarding only, unless authority to use other equipment is granted in writing by the State. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Cutting, yarding and timber haul will not be permitted from November 1st to April 30th, nor on weekends or state recognized holidays, unless authority to do so is granted in writing by the Contract Administrator. If permission is granted to operate from November 1st to April 30th, the purchaser shall be required to operate under a Winter Operating Plan to include further protection of water, so il, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.



# **ROADS:**

32.81 stations of optional construction. 331.15 stations of required pre-haul maintenance. 61.80 stations of additional required pre-haul maintenance if the South Waddell Quarry is used. 32.81 stations of required post haul maintenance. Rock for the proposal may be obtained at no cost to the Purchaser from the State owned Timberline Quarry, located in Section 4, Township 17 North, Range 03 West, W.M., or the state owned South Waddell Basalt Quarry, located in Section 21, Township 17 North, Range 03 West, W.M. or from any commercial source at the Purchaser's expense, as approved in writing by the Contract Administrator.

Construction, Pre-haul Maintenance and rock haul will not be permitted from October 1 to April 30, nor on weekends or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate during the restricted time period, the purchaser shall be required to operate under a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser's expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

#### ACREAGE DETERMINATION

**CRUISE METHOD:** Unit acreage was determined by traversing boundaries by GPS. Traverse GPS data files

and cruise maps are available upon request by emailing Hillary. Grabner@dnr.wa.gov or

by calling Hillary at (360)802-7010. See cruise narrative for cruise method.

**FEES:** \$59,019.00 is due on day of sale. \$9.00 per MBF is due upon removal. These are in

addition to the bid price.

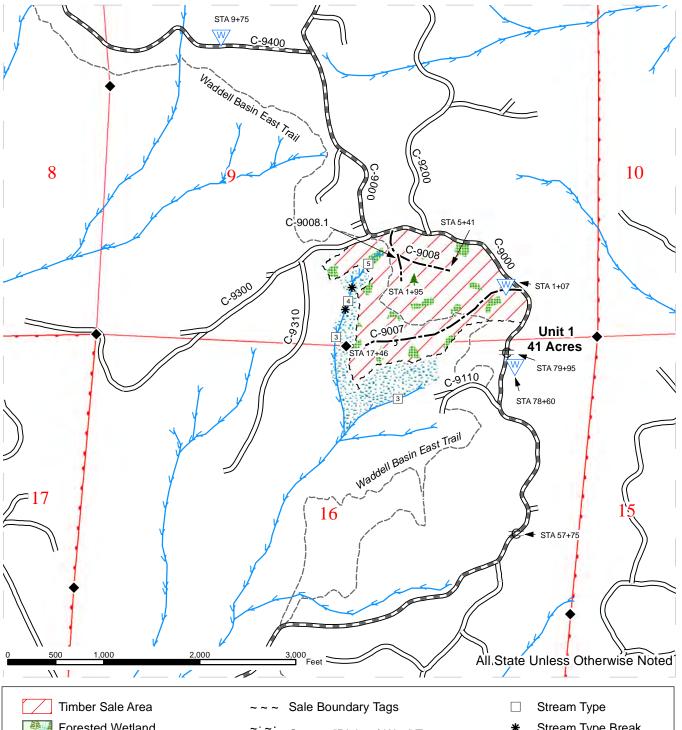
**SPECIAL REMARKS:** This sale contains high quality Douglas fir.

See map for gate locations. Gate keys may be obtained by contacting the South Puget Sound Region office at (360)825-1631 or by contacting the Tumwater work center at

(360) 902-1449.

ALPINE RIDGE SALE NAME: South Puget Sound Region REGION: **AGREEMENT#:** 30-091933 COUNTY(S): THURSTON

TOWNSHIP(S): T17R03W ELEVATION RGE: 690-1168 TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Forest Board Repayment(42)





Leave Tree Areamarked with yellow "Leave Tree Area" tags Orange "Right-of-Way" Tags

**Existing Roads** 

**Optional Construction** 

Required Pre-Haul Maintenance

Capitol Forest Trails

Streams

Stream Type Break

Monumented Corners

Waste Area

Leave Trees

Existing Rock Pit

Culverts

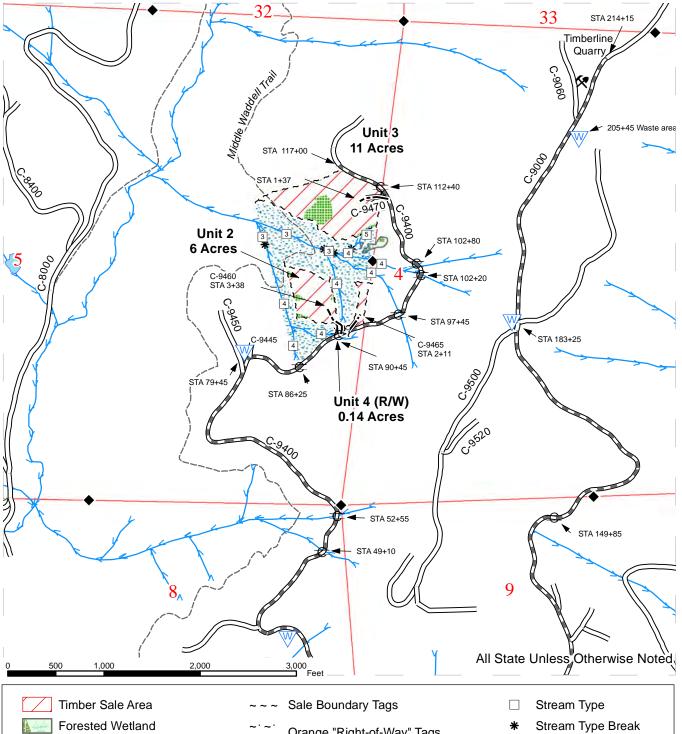
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Prepared By: aree490 Creation Date: 4/16/2015 Modification Date: 7/10/2015 SALE NAME:ALPINE RIDGEREGION:South Puget Sound RegionAGREEMENT#:30-091933COUNTY(S):THURSTON

TOWNSHIP(S): T17R03W

ELEVATION RGE: 690-1168

TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Forest Board Repayment(42)

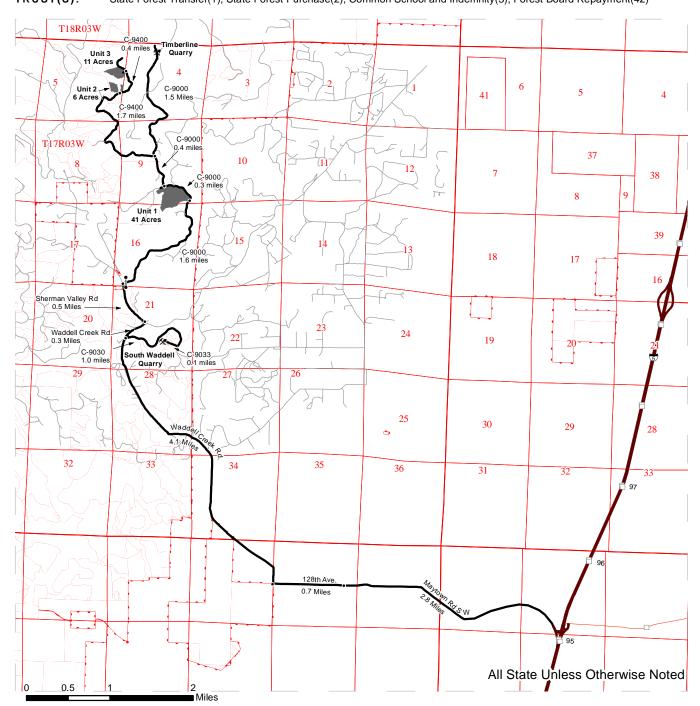


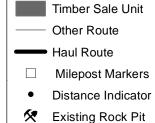


Prepared By: aree490 Creation Date: 4/16/2015 Modification Date: 8/11/2015

SALE NAME: ALPINE RIDGE REGION: South Puget Sound Region

AGREEMENT#: 30-091933
TOWNSHIP(S): T17R03W
TRUST(S): State Forest Transfer(1), State Forest Purchase(2), Common School and Indemnity(3), Forest Board Repayment(42)





Gate: Master 957

**Driving Directions:** 

From I-5, (exit 95) turn west on Maytown Rd. SW and follow for 2.8 miles and through the town of Littlerock for 0.1 mile. Continue straight (west) onto 128th Ave and follow for 0.7 miles. Turn right (north) onto Waddell Creek Rd. and follow for 4.1 miles. Turn left (west) onto Sherman Valley Rd. follow for 0.5 miles. Turn right (east) onto the C-9000 road (gated). Follow C-9000 for 1.6 miles, unit 1 on the left. Continue on the C-9000 for 0.4 miles and turn left (west) on the C-9400 for 1.7 miles. Unit 2 is on the left. Unit 3 is 0.4 miles further on the C-9400 with the unit on the left of the road.

Ν

Prepared By: khun490 Creation Date: 4/24/2015 Modification Date: 9/8/2015