

TIMBER SALE APPRAISAL

Siuslaw National Forest Central Coast Ranger District

De Bunk Thin SSTS

(Sale Name)

13801

(SALE Number)

Lower Siuslaw EA

(EA/EIS/CE)

De Bunk Thin SSTS NARRATIVE

Description of Sale Area

This sale consists of 1 cutting unit within 1 payment unit totaling 28 acres and will be sold as a tree measurement sale (2400-3T). There is an estimated 1,451 ccf (or 782 mbf) in this sale.

General Location

This sale is approximately 20 miles southeast of Florence, Oregon along Forest Service Road 2480 and is in the Lower Siuslaw watershed.

Routes of Access

Sale is appraised to Noti, Oregon via Highways 126, county roads 5036 and National Forest System roads 4800, 4830 and 2480.

Relation to Other Sales

There are no other sales nearby.

Marking

Subdivision boundaries are flagged with yellow ribbon and tagged with yellow boundary tags. Boundary trees are marked with orange tracer paint. Douglas-fir is the only designated cut species and is Leave Tree Marked with orange tracer paint marks above and below stump height. Orange painted Douglas-fir and all other species will not be cut.

Logging

This sale is appraised for skyline yarding. Elevated tailholds may be needed to meet yarding objectives. Directional felling is required. Full suspension is required when yarding across streamcourses.

Roads and Other Developments

Approximately .28 miles of temporary roads and 7 landings are planned. Rock will be needed for temporary roads at the approach to all season system roads. Temporary roads and landings will need 0 cubic yards of rock.

Road Maintenance

Purchaser will be responsible for prehaul, routine, seasonal, and post haul maintenance on system roads. A co-op deposit for surface replacement will be collected on the asphalt portion of road 4800. Approximately 90 cubic yards of spot rock will be needed on system roads. Specific requirements to prevent the spread of invasive species are included in the road maintenance specifications.

Specified Road Reconstruction

There is no specified reconstruction for this sale.

Erosion Control

Purchaser will be required to block temporary roads, install waterbars on landings, skid trails, and temporary roads, and seed landings, skid trails and temporary roads. A coop deposit of \$0.07/ccf will be required for the cost of the seed that will be provided by the Forest Service.

Slash Disposal

Purchaser will be required to scatter or machine pile and cover logging slash at all landings. Purchaser shall treat logging slash within 25 feet of FS road 2480. Forest Service will burn piles.

Scaling

This is not a scaled sale.

Others

Seasonal restrictions apply. See contract for details.

Equipment cleaning is required before entering the sale area.

There is currently road construction on Sweet Creek Road (County Road 5036) which allows 55 minute closures during the day and nighttime closures. The project information telephone line with up-to-date recorded information is 1-855-263-9169. Estimated project completion date is currently April 2013.

PRODUCT QUALITY ADJUSTMENT - OREGON WESTSIDE

Use with Appraisal Update #12-12

Sale Name: **DeBunk Thin SSTS**

Date: **09-Jan-13** (mm/dd/yy)

Species Group #1	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
205	5.0" - 7.99"	#4 sawmill	488.00	143.00	294.00	237.36	-58.58
	8.0"-11.99"	#3 sawmill	561.00	412.00	781.00	295.94	0.00
	12.0"-17.99"	#2 sawmill	570.00	216.00	360.00	342.00	46.06
	18.0" - 30.0"	special mill	650.00	11.00	16.00	446.88	150.93

\$/ton Avg	Avg lb per cf	Volume CCF
27.00		

BPP for chips = **0.00** /ccf

(insert as override on TEA input screen

Weighted average Product Quality Adjustment (PQA) for Species Group #1 = 1.22 /ccf (enter on TEA input screen as Log Pr/CCF for products 08 and 20)

Weighted average delivered log price for Species Group #1 = 297.16 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #2	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
263,264,108 true firs spruces	5.0" - 7.99"	#4 sawmill	410.00				
	8.0"-11.99"	#3 sawmill	449.00			233.48	0.00
	12.0"-17.99"	#2 sawmill	467.00				
	18.0" - 24.0"	special mill	467.00				

Weighted average Product Quality Adjustment (PQA) for Species Group #2 = 0.00 /ccf

Weighted average delivered log price for Species Group #2 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #3	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg**	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
242	< 12.0"	#4 sawmill	camprun				
	12.0"-23.99"	#3 sawmill	740.00			384.80	0.00
	24.0"+	#2 sawmill	0.00				

Weighted average Product Quality Adjustment (PQA) for Species Group #3 = 0.00 /ccf

Weighted average delivered log price for Species Group #3 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #4	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
		If this table is used, → entry needed here				0.00	

Weighted average Product Quality Adjustment (PQA) for Species Group #4 = 0.00 /ccf

Weighted average delivered log price for Species Group #4 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #5	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
		If this table is used, → entry needed here				0.00	

Weighted average Product Quality Adjustment (PQA) for Species Group #5 = 0.00 /ccf

Weighted average delivered log price for Species Group #5 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

Species Group #6	Minimum Dia - dib	Representative Grade*	Log price \$/mbf avg	Volume MBF	Volume CCF	Log price \$/ccf avg	Adjustment Dollars
		If this table is used, → entry needed here				0.00	

Weighted average Product Quality Adjustment (PQA) for Species Group #6 = 0.00 /ccf

Weighted average delivered log price for Species Group #6 = 0.00 /ccf (enter on TEA input screen as Log Pr/CCF)

* Industry grade used to associate minimum dib and delivered log price. Volume comprises mostly the representative grade, but also may include material of other grades.

SALE VOLUME SUMMARY
Volume Summaries By Unit

Sale Name: DeBunk Thin SSTS

TIM Conversion			0.5389	
Unit No.	Acres	CCF	MBF	Year of Origin
1	28	1451	782	1965
TOTAL	28	1451	782	

**Engineering Notes for
De Bunk Thin TS
1/17/2013**

A. Haul route roads:

The haul routes for this sale are on National Forest System (NFS) roads 2480, 4800 and 4830. Log haul will travel South on NFS road 2480 to 4830 to 4800 to LNC-5036 (Sweet Creek Road) to U.S. 126 then east on Hwy 126 to the appraisal point of Noti Oregon.

Road 2480, 4800 and 4830 are key roads as designated under the Siuslaw travel management and roads analysis.

Maintenance on this sale is purchaser responsibility. The asphalt surfaced road 4800 will be purchaser maintenance responsibilities with the exception of blading. A maintenance deposit will be collected for haul over the asphalt segment for surface road replacement.. NFS road beginning and ending termini are detailed in table 1.1

Table 1.1

Road No.	Miles	Beginning Milepost	Ending Termini/Milepost
2480	0.13	Road 4830	Spur to Unit
4800	3.00	Sweet Creek Road (LNC-5036)	Jct 4830
4830	1.58	Jct 4800	Jct 2480

The remaining portions of the 2480, 4800 and 4830 roads are not planned for use under this contract. Spot rock for NFS roads is included and appraised for.

B. System and temporary roads –season of haul, road protection and truck assist.

See logging feasibility report (LFR) for details.

In general, all system roads are appraised for rock re-surfacing or spot rocking except for road 4800 which is paved.

No truck assist is appraised.

C. Unit Notes:

Unit: Temp spur to all landings has new construction between road 2480 and the existing spur within unit boundary. Excess material may need to be hauled to the junction of 4830/2480.

**Engineering Notes for
De Bunk Thin TS
1/17/2013**

D. Pre and post sale operational status for the system roads:

Road #	Presale status	Post sale planned status	Waterbars/berms
2480	Key, open	Key, open	None
4800	Key, open	Key, open	None
4830	Key, open	Key, open	None

E. Log Haul Operating season and Haul routes.

Unit Number	Planned Haul Route	Engineering Log Haul Operating season *
1	2480 to 4830 to 4800 to LAN 5036 (Sweet Creek) to U.S. 126 to Noti	Dry season.

* Dry season is June 15 – October 15

Rob Sanders
Engineer
Siuslaw National Forest

ROAD MAINTENANCE WORKSHEET

Sale Name:	<u>De Bunk Thin</u>		1,451	CCF Volume		1.27	% OH
					Purchaser	Co-op	
	Termini			CCF	Work	Deposits	
Road	From	To	Miles	Volume	0.87	0.87	Remarks
2480	Spur to unit	Jct 2480/4830	0.13	1,451.0	0.87		
4830	Jct 2480/4830	Jct 4830/4800	1.58	1,451.0	0.87		
4800	Jct 4830/4800	Jct 4800/Sweet Creek Rd	3.00	1,451.0	0.57	0.30	
	Jct 4800/Sweet Creek Rd	Jct US 126/ Sweet Creek	11.50	1,451.0			
	Jct US 126/ Sweet Creek	SenecaSawmills, Noti	27.00	1,451.0			
			43.21				
		Total \$		\$/CCF		43.21	Weighted Miles
	Purchaser Maint		5,892.63	4.06			
	Misc Maint. (see Eng. Notes)		0.00	0.00			
	Spot Rock (see worksheet)		3,105.00	2.14			
	Co-op Deposits		1,658.49	1.14			
	Totals		10,656.12	7.34			

Temporary Road and Landing Cost Worksheet

Sale Name: De Bunk Thin								1,451	CCF volume				
Temporary Roads						Landings							
Unit No. or temp road identifier	Length (Feet)	Cost for Re-open or New	Rock (cuyd)	Rock Cost \$/cuyd	Total Road Cost	Landing Costs	Rock (cuyd)	Rock Cost \$/cuyd	Total Landing Cost	Remarks			
1	1,500	\$3,375		\$34.50	\$3,375.00	\$1,050		\$34.50	\$1,050.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
				\$34.50	\$0.00			\$34.50	\$0.00				
	1,500	\$3,375	0		\$3,375.00	\$1,050	0		\$1,050				
0.28	miles			Costs per CCF: \$2.33				Costs per CCF: \$0.72					

Sale Name: De Bunk Thin

Spot Rock Replacement Cost Worksheet

Road No.	Miles	cuyd of rock/mi	Total cuyd rock/road	\$/cuyd	Total
4800	3.00		0	\$34.50	\$0.00
4830	1.58	50	80	\$34.50	\$2,760.00
2480	0.13	50	10	\$34.50	\$345.00
			0	\$34.50	\$0.00
Waterbars***	waterbars	3 cy/waterbar	0	\$34.50	\$0.00
Totals	4.71		90		\$3,105.00

*** Waterbar rock for filling in or over bladed out waterbars, grading Q

Detailed listing of BD and Purchaser Slash Treatment Activities (Working Copy)	(1) Proclaimed Forest Siuslaw	(2) District/Unit Central Coast Ranger District
(3) Sale Name DE BUNK THIN SSTS(13801)	(4) Award Date	(5) Compartment Or GIS Reference
(6) Type of Plan <input checked="" type="checkbox"/> Original <input checked="" type="checkbox"/> Final <input type="checkbox"/> Revision #	(7)Purchaser	(8) Contract Number

(9) List of Activity Fuels Treatment Projects		Local Qualifier	(10) Work Activity	(11) Unit of Work	(12) Cost Per Unit	(13) Projects by Fund Code			(14) BD Funded Pojects	
a) Subunit	b)Activity					a) Fund Code	b) No. of Units	c)Total Cost	a) No. of Units	b)Total Cost
061208BD13801000000	Fuel Inventory	N/A	HF	Acres	\$9.18	BDBD	25.0	\$230	25.0	\$230
061208BD13801000000	Burning of Piled Material	N/A	HF	Acres	\$25.46	BDBD	25.0	\$637	25.0	\$637
Subtotal for Fund Code BDBD								\$866		
061208BD13801000000	Rearrangement of Fuels	N/A	HF	Acres	\$559.00	PPPP	0.2	\$112		
061208BD13801000000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$6.00	PPPP	25.0	\$150		
Subtotal for Fund Code PPPP								\$262		
15. Total BD work funded										\$866
16. National Program Support(line 15 multiplied by National Program Support Rate)										\$319
17. Total Cost of Funded Work (Sum of line 15 and 16)(Required Bid Deposit Amount)										\$1,185

18. Remarks:	Forest Collection Rate: Forest Collection Rate : Assessment included in unit cost National Collection Rate for Program Support: 36.8% Inflation Rate: 2% Rate Remarks:
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DeBunk Thin BD Appraisal Narrative
 NEPA: Lower Siuslaw (23065)
 Sale #: 11804
 Preparer: Chris Waverek

FACTS Activity Code	FACTS Description	Actual Activity (as performed on the ground)	Planned Units in FACTS (acres)	Planned Unit on the ground
1100	Fuel Inventory	Fuels assessment, monitoring, writing burn plans, smoke reporting and fees.	25	25 acres
1130	Burning of Piled Material	Burning of machine piles on landings. Pile totals are calculated by assuming one pile per landing on open roads.	25	Burn 4 piles
1153	Piling of Fuels, Hand or Machine	Covering the piles with a 10X10 piece of plastic.	25	Cover 4 piles
1150	Rearrangement of Fuels	Roadside treatments which include: burning of piles, chipping, mastication or scattering.	.2	.2 acres

Required Activities Per Unit-

Unit 1 (608291):

Piles-

- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface. Four piles along the temporary road were assessed for in this appraisal.

Roadside-

- Treat logging slash 25 feet from the edge of FS Road 2480 into the unit, for a total of 0.2 acres. Treatment methods may include: Untreated buffers, directional felling of trees away from roads, burning slash (hand or machine piles), or mechanical treatment—chipping, mastication, and scattering. High cut banks (with no slash) can be considered adequate fuel breaks.

Wildland Urban Interface-

- N/A

*All accomplishment reporting in FACTS is in acres. The dollar amount for treating the unit is calculated by determining a per pile dollar amount and multiplying that amount by number of piles. The total dollar amount is then divided by total acreage to get a dollar per acre figure.

For Example: It is estimated in DeBunk Thin that there will be 4 landing piles to burn. The cost per pile for this sale is \$150 which is multiplied by 4 piles= \$600 total to burn the estimated number of piles. Dollar per acre is calculated by: \$600 total pile burning cost /25 total acres=\$24/acre

EROSION CONTROL PLAN AND APPRAISAL

Forest: **Siuslaw**

District: **Central Coast**

Sale Name: **De Bunk Thin SSTS**

CCF Volume: **1,451**

miles of temp.road: **0.28**

Work will be done by purchaser.

WORK ITEM	Unit of Measure	Number of Units	Cost per Unit (\$)	Total (\$)
(1) PERMANENT ROAD STABILIZATION				
a. Seed				
(2) TEMP. ROADS (put to bed)				
a. Remove culverts/bridges				
b. Outsloping				
c. Cross ditching	each	15	\$10.00	\$150.00
d. Scarifying				
e. Barriers	each	1	\$150.00	\$150.00
f. Seed	acres	0.3	\$425.60	\$127.68
(3) SKIDROADS & TRAILS				
a. Remove culverts/bridges				
b. Waterbars & cross drains	each	0		
c. Brush dams				
d. Seed	acres	0		
(4) FIRELINE STABILIZATION				
a. waterbars & cross drains	each	0		
b. Seed	acres	0		
(5) LANDING				
a. Drainage ditches	each	14	\$10.00	\$140.00
b. Scarifying				
c. Cut & fill stabilization				
d. Seed	acres	0.1	\$425.60	\$42.56
(6) DISTURBED MEADOWS				
a. Land treatment				
b. Seed				
(7) CHANNEL CLEARING				
a. By hand				
b. By machine				
(8) MAINTAIN EROSION STRUCTURES				
(9) OTHER (specify)				
a.				
b.				
c.				
(10) TOTAL COSTS				\$610.24
(11) Cost per CCF for Appraisal				\$0.42