

TIMBER SALE APPRAISAL

Siuslaw National Forest
Central Coast Ranger District

Pinnacle Thin (DxP)

(Sale Name)

15806

(SALE Number)

East Alsea EA

(EA/EIS/CE)

SALE VOLUME SUMMARY
Volume Summaries By Unit

Sale Name: Pinnacle Thin (DxP)

TIM Conversion			0.3243	0.173		
Unit No.	Acres	TONS	CCF	MBF	% Sale Volume	TON Vol/Ac
1	19	1453	471	251	5	76
2	50	9895	3209	1712	32	198
3	19	1109	360	192	4	58
3A	8	2634	854	456	9	329
4	81	6194	2009	1072	20	76
5	22	1682	546	291	5	76
5A	8	612	198	106	2	76
6	18	1376	446	238	4	76
7	17	1300	422	225	4	76
8	23	3189	1034	552	10	139
9	17	1300	422	225	4	76
TOTAL	282	30744	9970	5319	100	109

Pinnacle Thin (DxP) NARRATIVE

Description of Sale Area

This sale consists of 11 commercial thinning subdivisions totaling 282 acres and will be sold as a ton sale and scaled 100% weight. There is an estimated 30,744 tons (9,970 ccf or 5,319 mbf) in this sale.

General Location

This sale is approximately 20 miles east of Waldport, Oregon along Forest Service Road 3417 and is in the East Alsea watershed.

Routes of Access

Sale is appraised to Philomath, Oregon via Hwy 34, and National Forest System roads 3412 and 3417 and their tributaries.

Relation to Other Sales

Missouri Thin STWD, which is currently under contract, is nearby.

Marking

Subdivision boundaries are flagged with yellow ribbon and tagged with blue boundary tags, except along system roads. Boundary trees are marked with orange tracer paint. Subdivisions 1, 3, 3A, 4, 5, 5A, 6, 7, and 9 are designation by prescription. Subdivisions 2 and 8 are designation by prescription and leave tree marked.

Logging

This sale is appraised for 65% skyline yarding and 35% ground-based yarding. Ground-based yarding will not be allowed on slopes greater than 30%. Elevated tailholds and intermediate supports will be needed to meet yarding objectives. Some downhill yarding is required. Directional felling is required. Full suspension is required when yarding across streamcourses.

Roads and Other Developments

Approximately 1.2 miles of temporary roads and 47 landings are planned. Rock will be needed for temporary roads at the approach to all season system roads. 810 cubic yards of rock was appraised for temporary roads and 120 cubic yards of rock was appraised for landings.

Road Maintenance

Purchaser will be responsible for prehaul, routine, seasonal, and post haul maintenance on system roads. 1,150 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 specified reconstruction on road 3417 and 3417111 with a total of 5.4 miles. The road completion date is 10/30/2016. Alsea Quarry was the rock source used in the appraisal.

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. Seed will be provided by the Forest Service for use on this sale. A coop deposit of \$0.02/ton will be required for the collection and propagation of seed for use on future contracts. All temporary roads, landings and skid trails shall be scarified as per C6.6#.

Slash Disposal

Purchaser will be required to machine pile and cover landing slash at all landings. Forest Service will burn piles.

Scaling

This sale will be scaled 100% weight and paid for by the ton. Purchaser shall request an alternate scaling site and enter into a "Weighing Service Agreement". Any load for which no weight ticket is furnished shall be considered a lost sample load with a weight equal to the weight of the heaviest load presented during the billing period, as established by the Forest Service, C6.851.

Others

Seasonal restrictions apply. See contract for details.
Equipment cleaning is required before entering the sale area.

PRODUCT QUALITY ADJUSTMENT - OREGON WESTSIDE

Use with Appraisal Update #2-15

Sale Name: Pinnacle Thin (DxP)

Date: 24-Feb-15 (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	645.00	971	1,995	313.93	-73.72
	8.0"-11.99"	#3 sawmill	737.00	2,824	5,369	387.65	0.00
	12.0"-17.99"	#2 sawmill	753.00	1,524	2,606	440.36	52.71
	18.0" - 30.0"	special mill	784.00				

\$/ton Avg	Avg lb per cf	Volume CCF
25.00		

BPP for chips = **0.00** /ccf

(insert as override on TEA input screen)

under BPP/CCF for products 08 and 20)

Weighted average Product Quality Adjustment (PQA) for Species Group #1 = **-0.97** /ccf

Weighted average delivered log price for Species Group #1 = **386.68** /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	520.00				
	8.0"-11.99"	#3 sawmill	597.00			310.44	0.00
	12.0"-17.99"	#2 sawmill	602.00				
	18.0" - 24.0"	special mill	602.00				

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	933.00			485.16	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		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		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		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.

USDA - FOREST SERVICE
 Stewardship: N

REPORT OF TIMBER SALE
 APPRAISAL SUMMARY CCF

R6-FS-2400-17 (04/10)
 Version 1512 (TEA 02-15)

Region: 06
 Forest: 12 Siuslaw
 District: 08 Central Coast
 Salvage: N

Sale Name: Pinnacle Thin (DxP)
 Sale Number: 15806
 Appraise to: Philomath, OR
 Appraiser: t devenport

Appraisal Date: 03/09/15
 Base Period Ending: 12/31/14
 Competition Factor: 10%
 Essential KV Cost: 0

SELLING PRICES	1	2	3	4	5	6	7	Average	Total
1. Species	D-fir								
2. Species Code	205								
3. Product/Unit	01-03								
4. Volume	9,970								
5. Base Period Price								75.02	
6. Base Period Index								201.15	
7. Current Index								200.11	
8. Rapid Market Adj									
9. Market Adj BP Price								73.98	
10. Unusual Adjustment								-2.70	
11. GBCv-Nonsaw Adj									
12. Product Quality Adj								-.97	
13. Adj Base Period Price								70.31	700,990.70

COSTS	Zone Avg Cost/UM	Est Sale Cost/UM	Adj to BP Cost	ROADS	Km	Miles	Cost
14. Stump to Truck	151.40	126.16	25.24	Specified Road Con			
15. Haul/Scale	30.03	24.69	5.34	Specified Road Rec	8.66	5.38	30,667
16. Road Maintenance	8.67	9.35	-.68	Temporary Road Con	1.93	1.20	39,340
17. Contract	15.72	2.08	13.64	Haul Miles		33	
18. Development & Other	3.79	3.95	-.16				
19. Road Const & Recon		3.08	-3.08				
20. Total (lines 14-19)	209.61	169.31	40.30	DEPOSITS:	Br Disp/UM 1.27	Rd Mtc/UM 2.07	C(T)5.213# 2,800.00

ADVERTISED RATES	1	2	3	4	5	6	7	Average	Total
21. Predicted Bid Rate								110.61	1,102,781.70
22. Competition Adjustment								11.06	110,268.20
23. Property Value									
24. Indicated Adv Rate								99.55	992,513.50
25. Base Rate								3.00	29,910.00
26. Adjustment									
27. Advertised Rate								99.55	992,513.50

32.28/ton
 0.97/ton
 32.28/ton

CCF to MBF Rate Factors: 1.8744
 CCF to MBF Volume Factors: .5335
 MBF to CCF Index Factors: .52
 CCF Base Index for A(T)5a:
 CCF Wtd Avg Del Log Price: 386.68
 MBF Volume: 5,319
 Total Tons Removed: 30,744

1.8744
 .5335

5,319
 30,744

Net CCF to Tons Conversion Factor for C8.3#(Option 1) or K-I.3.1#: 3.0837 DEPOSITS/Ton BD: .41 RM: .67 EC: .02

Logging Cost Summary - Estimated Stump To Truck Cost

Summary By Sale And Logging System

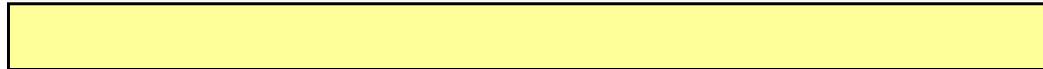
Logging System	Vol Type	Total Volume	Stump-truck \$/vol	Estimated Seasons
Skyline	ccf	6,433	141.25	3
Mechanized		0	0.00	0
Tractor	ccf	3,537	98.72	3
Shovel		0	0.00	0
Helicopter (1)		0	0.00	0
Sale-as-a-whole		9,970	126.16	

ovhd=6.18/ccf or 11.89/mbf, p&r=2% of costs included (except helicopter)

includes biomass:

\$/saw timber

Est biomass cost		Estimated total number <u>operating</u> days for sale	257
Include biomass in sale-as-a-whole?	<input type="checkbox"/>	Variable shutdown cost (all systems, if any) \$/vol	
		Include variable shutdown in sale-as-a-whole?	<input type="checkbox"/>



Include Chipper?

Hours Used

Haul-\$'s

Select *helicopter alternative*

Helicopter (1)

Sale: Pinnacle Thin (DxP)

Date: 2/18/15

LOGCOST Version **12.01**

Report summary
table above in tons



HAUL COST APPRAISAL - APPRAISAL SUMMARY

Version 7.2, XL 2007 12/1/2009b

Sale name: Pinnacle Thin (DxP)

Geo. area: OR

Date: 05-Feb-15

Cost type	Average trip rtm's	CCF per load	Tot rtm's per day	Total OT rtm's	CCF vol per day	Gross cost per day	Net cost per day	Net cost per ccf	Net \$/ccf w/inflation
w/o scale									
with scale	205.0	8.0	582.0	102.0	22.71	512.18	539.13	23.74	24.69

<<Scaling cost is included in the total haul cost below>>



Include scale cost in final haul cost

Yes

Total haul cost, \$/ccf = **\$24.69**

120 minutes

Volume Type...
CCF

Sale or Haul Narrative

[Empty yellow box for Sale or Haul Narrative]

Scale cost: \$97.21

**Engineering Notes for
Pinnacle Thin (DxP)
3/4/2015**

A. Haul route roads:

The haul routes for this sale are on National Forest System (NFS) roads and State highways. Log haul will travel generally east on NFS roads listed in Table 1.1 then east on Highway 34 to the appraisal point of Philomath, Oregon.

Roads used in this sale are non-key roads. Remaining mileage of road 3412 shall not be used in this sale.

Maintenance on this sale is purchaser responsibility.

NFS road beginning and ending termini are detailed in table 1.1

Table 1.1

Road No.	Miles	Beginning Milepost	Ending Termini/Milepost
3412 seg. 1	2.5	Hwy 34	End of asphalt
3412 seg. 2	0.70	End of asphalt	3417
3417	3.4	NFS 3412	Unit 9
3417-111	2	NFS 3417	Unit 1
3417-113	1.3	NFS 3417-111	Unit 3
3417-114	1.3	NFS 3417	Unit 6

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

See logging feasibility report (LFR) for details.

Spot rock for NFS roads is included and appraised for. In general, all system roads are appraised for rock re-surfacing or spot rocking except paved roads.

Truck assist is not appraised for.

C. Unit Notes:

Unit 1: Roadside along 3417-111. Road to unit at approximately MP 1.7 has an unstable area which will require reconstructing the road away from the area. See attached notes from Forest Geologist for more detail. There is no option for all season haul from this unit because of fill failures on the 3417-111. Road not passable to highway legal vehicles beyond approximately MP 1.3.

**Engineering Notes for
Pinnacle Thin (DxP)
3/4/2015**

Unit 2: Spur to landing B new construction. Short spurs to landings A, B & D native surface with larger fir in travel way on new segments. Existing spurs to landings native surfaced. All season appraised to landings H & I. Landings G & J roadside on 3417. All season on 3417 and spurs off 3417 except spur to landing E.

Unit 3: Roadside landings along 3417-113. Road not passable to highway legal vehicles.

Unit 4: All spurs existing. Spurs to G, H, I, & K have a traction coat of rock, E & F are short native surfaced spurs. All spurs appraised for all season haul.

Unit 5: Spur to landings native surfaced. All season appraised.

Unit 6: Minimal surfacing on 3417-114. Heavy brush and areas of fill settlement. Road not passable to highway legal vehicles. There is no option for all season haul from this unit.

Unit 7: Roadside along 3417. Areas near landings may be used as decking locations for decked material from specified roads package.

Unit 8: Native surfaced spur with areas of 15-18% adverse from landings A & B. All season appraised from landings C & D.

Unit 9: All season haul. Spur to landings A-D is appraised for all season haul. Landing F is roadside along the 3417. Spur has adverse grades from 11-20%. 20% pitch approximately 300' between A & B.

Table 1.2 Temporary Road Season of Haul

Temp Spurs into Unit #	All Season Option	Dry Season	All season
1		All	
2	(X)		G, H, I, J
3			All
4	(X)		
5			A & B
6		All	
7			All
8	(X)		C & D
9	(X)		F

(X) Contractor option to upgrade to all season

**Engineering Notes for
Pinnacle Thin (DxP)
3/4/2015**

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

Road #	Presale status	Post sale planned status	Waterbars/berms
3412 Seg. 1	Non-Key, Open	Non-Key, Open	None / None
3412 Seg. 2	Non-Key, Open	Non-Key, Open	None / None
3417	Non-Key, Open	Non-Key, Open	Type 2 / None
3417-111	Non-Key, Open	Non-Key, Open	Type 2 / None
3417-113	Non-Key, Open	Non-Key, Open	Type 2 / None
3417-114	Non-Key, Open	Non-Key, Open	Type 2 / None

E. Log Haul Operating season and Haul routes.

Unit Number	Planned Haul Route	Engineering Log Haul Operating season *
1	3417-111 → 3417 → 3412 → Hwy 34 → Philomath	Dry season
2	3417-111 → 3417 → 3412 → Hwy 34 → Philomath	All season system roads / Dry season temp
3	3417-113 → 3417 → 3412 → Hwy 34 → Philomath	All season
4	3417-113 & 3417-111 → 3417 → 3412 → Hwy 34 → Philomath	All season system roads / Dry season temp
5	3417-111 → 3417 → 3412 → Hwy 34 → Philomath	All season
6	3417-114 → 3417 → 3412 → Hwy 34 → Philomath	Dry season
7	3417-111 → 3417 → 3412 → Hwy 34 → Philomath	All season
8	3417-111 → 3417 → 3412 → Hwy 34 → Philomath	All season system roads and Ldg C / Dry season temp
9	3417-111 → 3417 → 3412 → Hwy 34 → Philomath	All season system roads / Dry season temp

* Dry season is June 15 – October 15.

Rob Sanders
Transportation Planner
Siuslaw National Forest

ROAD MAINTENANCE WORKSHEET

Sale Name:	Pinnacle Thin (DxP)		9,970	CCF Volume		1.27	% OH
			30,744	Tons			
					Purchaser	Co-op	
		Termini		CCF	Work	Deposits	
Road	From	To	Miles	Volume	0.91	0.91	Remarks
3417	Unit 9 spur	3412	3.40	421.56	0.91		9
3417	Unit 8 spur	3412	2.23	1,034.06	0.91		8
3417	Unit 7	3412	1.90	421.56	0.91		7
3417	Unit 5	3412	1.22	743.93	0.91		5
3417-114	Unit 6	3417	1.30	446.36	0.91		6
3417	Unit 6	3412	1.66	446.36	0.91		6
3417-111	Unit 1	3417	2.00	471.15	0.91		
3417	Unit 1	3412	0.45	471.15	0.91		1
3417-113	Unit 3 & 3a	3417-111	1.30	1,213.89	0.91		
3417-111	Unit 3 & 3a	3417	0.36	1,213.89	0.91		
3417	Unit 3 & 3a	3412	0.45	1,213.89	0.91		3
					0.91		
3417	Unit 2	Jct 3417/-111	0.37	1,925.29	0.91		2 on 3417
3417-111	Unit 2	Jct 3417/-111	0.60	1,283.53	0.91		2 on 3417-111
3417	Jct 3417/-111	3412	0.45	3,208.82	0.91		All 2
					0.91		
3417-113	Unit 4 landing B	3417-111/-113	0.45	401.72	0.91		4 on 3417-113
3417-111	3417-111/-113	Jct 3417/-111	0.36	200.86	0.91		hold
3417-111	Unit 4 landing F	Jct 3417/-111	0.11	502.15	0.91		hold
3417	Jct 3417/-111	3412	0.45	1,104.73	0.91		60% 4
3417	Unit 4 landing I	3412	0.30	903.87	0.91		4 on 3417-111
3412	Jct 3417/3412	3412 paved	0.70	9,969.92	0.40	0.51	
3412	3412 paved	Hwy 34	2.50	9,969.92	0.40	0.51	
	Hwy 34	Philomath or	28.00	9,969.92			
		Total \$		\$/CCF	\$/Ton	32.65	Weighted Miles
	Purchaser Maint		32,950.54	3.30	1.07		
	Misc Maint. (see Eng. Notes)		0.00	0.00	0.00		
	Spot Rock (see worksheet)		39,675.00	3.98	1.29		
	Co-op Deposits		20,664.06	2.07	0.67		
	Totals		93,289.60	9.35	3.03		

Sale Name: Pinnacle Thin (DxP)

Spot Rock Replacement Cost Worksheet

Road No.	Miles	cuyd of rock/mi	Total cuyd rock/road	\$/cuyd	Total
3412 seg 1	2.5	0	0	\$34.50	\$0.00
3412 seg 2	0.7	100	70	\$34.50	\$2,415.00
3417	3.40	100	340	\$34.50	\$11,730.00
3417-111	2.00	75	150	\$34.50	\$5,175.00
3417-113	1.30	100	130	\$34.50	\$4,485.00
3417-114	1.30	50	70	\$34.50	\$2,415.00
Waterbars***	waterbars	3 cy/waterbar	390	\$34.50	\$13,455.00
	130				
Totals	8.00		1,150		\$39,675.00

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

	3417	50
3417-111		35
3417-113		20
3417-114		25
		130

Detailed listing of Brush Disposal Activities (Working Copy)	(1) Proclaimed Forest Siuslaw	(2) District/Unit Central Coast Ranger District
(3) Sale Name PINNACLE THIN (DXP)(15806)	(4) Award Date	(5) Compartment Or GIS Reference
(6) Type of Plan <input checked="" type="checkbox"/> Original <input 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 Projects	
a) Subunit	b) Activity					a) Fund Code	b) No. of Units	c) Total Cost	a) No. of Units	b) Total Cost
061208BD15806000000	Fuel Inventory	N/A	HF	Acres	\$9.55	BDBD	282.0	\$2,693	282.0	\$2,693
061208BD15806000000	Burning of Piled Material	N/A	HF	Acres	\$22.38	BDBD	282.0	\$6,311	282.0	\$6,311
Subtotal for Fund Code BDBD								\$9,004		
061208BD15806000000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$4.21	PPPP	282.0	\$1,187		
Subtotal for Fund Code PPPP								\$1,187		
15. Total BD work funded										\$9,004
16. National Program Support										\$3,692
17. Total Cost of Funded Work (Sum of line 15 and 16)(Required Bid Deposit Amount)										\$12,696

18. Remarks:	Combined Total Cost of BD Funded Work: \$12,696
	Forest Collection Rate: Assessment included in unit cost
	National Collection Rate for Program Support: 41%
	Inflation Rate: 2%
	Rate Remarks:
	PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.

Pinnacle Thin (DxP) BD Appraisal
 Narrative NEPA: East Alsea (25906)
 Sale #: 15806
 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 (Agency)	Fuel Inventory	Fuels assessment, monitoring, writing burn plans.	282	282 acres
1130 (Agency)	Burning of Piled Material	Burning of machine piles on landings. Pile totals are calculated by assuming one pile per landing on open roads.	282	Burn 34 piles
1153 (Purchaser)	Piling of Fuels, Hand or Machine	Covering the piles with a 10X10 piece of plastic.	282	Cover 34 piles
1150 (Purchaser)	Rearrangement of Fuels	Roadside treatments which include: burning of piles, chipping, mastication or scattering.	0	0 acres

Required Activities Per Unit-

Unit 1:

Piles-

- Pile, cover and burn 3 landing piles on FSR 3417111 as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- NA

Unit 2:

Piles-

- Pile, cover and burn 4 landing piles on FSR 3417, 4 piles on FSR 3417111 and 2 piles on Temp Roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- N/A

Unit 3 & 3A:

Piles-

- Pile, cover and burn 3 landing piles on FSR 3417113 as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- N/A

Wildland Urban Interface-

- N/A

Unit 4:

Piles-

- Pile, cover and burn 2 landing piles on FSR 3417, 4 piles on FSR 3417113 and 2 piles on Temp Roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- N/A

Unit 5 & 5A:

Piles-

- Pile, cover and burn 1 landing pile on Temp Roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- N/A

Unit 6:

Piles-

- Pile, cover and burn 1 landing pile on FSR 3417114 as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- N/A

Unit 7:

Piles-

- Pile, cover and burn 6 landing FSR 3417 and 2 piles on Temp Road as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- N/A

Unit 8:

Piles-

- Pile, cover and burn 3 landing piles on FSR 3417 and Temp Roads as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- NA

Unit 9:

Piles-

- Pile, cover and burn 3 landing piles on FSR 3417 as identified on logging systems map.
- Scatter landing slash not identified for piling to a height no greater than 1 foot from forest floor or road/landing surface.

Roadside-

- NA

Wildland Urban Interface-

- N/A

*All accomplishment reporting in FACTS is in acres. The dollar amount for treating the unit is calculated by determining the 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 Pinnacle Thin that there will be 34 landing piles to burn. The cost per pile for this sale is \$175 which is multiplied by 34 piles = \$5,950 total to burn the estimated number of piles. Dollar per acre is calculated by: $\$5,950 \text{ total pile burning cost} / 282 \text{ total acres} = \$21.09/\text{acre}$

EROSION CONTROL PLAN AND APPRAISAL

Forest: **Siuslaw**

District: **Central Coast**

Sale Name: **Pinnacle Thin (DxP)**

CCF Volume: **9,970**

miles of temp.road: **1.2**

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	64	\$10.00	\$640.00
d. Scarifying				
e. Barriers	each	12	\$150.00	\$1,800.00
f. Seed	acres	1.2	\$425.60	\$510.72
(3) SKIDROADS & TRAILS				
a. Remove culverts/bridges				
b. Waterbars & cross drains	each	8	\$10.00	\$80.00
c. Brush dams				
d. Seed	acres	2.5	\$425.60	\$1,064.01
(4) FIRELINE STABILIZATION				
a. waterbars & cross drains	each	0		
b. Seed	acres	0		
(5) LANDING				
a. Drainage ditches	each	54	\$10.00	\$540.00
b. Scarifying				
c. Cut & fill stabilization				
d. Seed	acres	0.5	\$425.60	\$212.80
(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. scarifying temp roads and landings				\$2,000.00
b.				
c.				
(10) TOTAL COSTS				\$6,847.53
(11) Cost per CCF for Appraisal				\$0.69