

Timber Sale Appraisal Alter Eagle Sale KL-341-2017-52-

District: Klamath/Lake Date: September 06, 2016

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$114,672.50	\$0.00	\$114,672.50
		Project Work:	(\$7,384.25)
		Advertised Value:	\$107,288.25

9/06/16



Timber Sale Appraisal Alter Eagle

Sale KL-341-2017-52-

District: Klamath/Lake Date: September 06, 2016

Timber Description

Location: Portions of Sections 3 and 10, T33S, R 7.5E, W.M., Klamath County, Oregon.

Stand Stocking: 40%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
White Fir	18	0	95
Ponderosa Pine	20	0	95
Lodgepole Pine	12	0	95

Volume by Grade	CR 6" - 8"	CR 8" - 14"	CR 14" - 22"	CR 22"+	Total
White Fir	6	37	70	0	113
Ponderosa Pine	62	273	249	71	655
Lodgepole Pine	8	17	0	0	25
Total	76	327	319	71	793

Comments: Pond Values Used: 2nd Quarter Calendar Year 2016.

Log Markets: Klamath Falls and Medford.

SCALING COST ALLOWANCE = \$5.00/MBF

BRANDING AND PAINTING COST ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$3.00/Gallon

HAULING COST ALLOWANCE

Hauling costs equivalent to \$780 daily truck cost.

Other Costs (with Profit & Risk to be added):

Dust Abatemant: \$2,312

TOTAL Other Costs (with Profit & Risk to be added): \$2,312

Other Costs (No Profit & Risk added):

None.

9/06/16



Timber Sale Appraisal Alter Eagle

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District: Klamath/Lake Date: September 06, 2016

Logging Conditions

Combination#: 1 White Fir 50.00%

Ponderosa Pine 46.00% Lodgepole Pine 100.00%

Logging System: Wheel Skidder Process: Feller Buncher

yarding distance: Medium (800 ft) downhill yarding: Yes

tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

loads / day: 10 bd. ft / load: 4200

cost / mbf: \$90.40

machines: Log Loader (B)

Stroke Delimber (B) Feller Buncher w/ Delimber

Tire Skidder

Combination#: 2 White Fir 50.00%

Ponderosa Pine 54.00%

Logging System: Track Skidder Process: Manual Falling/Delimbing

yarding distance: Medium (800 ft) downhill yarding: Yes

tree size: Mature / Partial Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 10 bd. ft / load: 4200

cost / mbf: \$105.02

machines: Log Loader (B)

Track Skidder

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Logging Costs

Operating Seasons: 1.00

Profit Risk: 12%

Project Costs: \$7,384.25

Other Costs (P/R): \$2,312.00

Slash Disposal: \$0.00

Other Costs: \$0.00

Miles of Road

Road Maintenance:

\$0.90

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	\$/MBF	Trips/Day	MBF / Load
White Fir	\$0.00	3.0	4.3
Ponderosa Pine	\$0.00	3.0	4.2
Lodgepole Pine	\$0.00	3.0	4.0

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Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling / Brand & Paint	Other	Total
White Fir									
\$97.71	\$0.94	\$5.53	\$63.49	\$2.92	\$20.47	\$0.00	\$7.00	\$0.00	\$198.06
Ponderosa Pine									
\$98.29	\$0.94	\$5.53	\$65.00	\$2.92	\$20.72	\$0.00	\$7.00	\$0.00	\$200.40
Lodgepole Pine									
\$90.40	\$0.94	\$5.53	\$68.25	\$2.92	\$20.16	\$0.00	\$7.00	\$0.00	\$195.20

Specie	Amortization	Pond Value	Stumpage	Amortized
White Fir	\$0.00	\$399.96	\$201.90	\$0.00
Ponderosa Pine	\$0.00	\$334.16	\$133.76	\$0.00
Lodgepole Pine	\$0.00	\$365.00	\$169.80	\$0.00

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Summary

Amortized

Specie	MBF	Value	Total
White Fir	0	\$0.00	\$0.00
Ponderosa Pine	0	\$0.00	\$0.00
Lodgepole Pine	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
White Fir	113	\$201.90	\$22,814.70
Ponderosa Pine	655	\$133.76	\$87,612.80
Lodgepole Pine	25	\$169.80	\$4,245.00

Gross Timber Sale Value

Recovery: \$114,672.50

Prepared By: Chris Weekly Phone: 541-883-5681

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Summary of Project Work



Alter Eagle KL-341-17-52

Project No. 1: Road Improvement and Contruction \$1,314.25

Project No. 2: Slash Piling \$5,540.00

Project No. 3: Road closures. \$530.00

Total: \$7,384.25

Alter Eagle KL-341-17-52 Other Costs

			Poss	d Maintenance			
Λ.	1ove-in cost (grader):	\$400.00				
	of Miles to be		3400.00 1.5				
Number o			1.5				
	Number of Bladings: Total Miles		1.5				
Miles /	Hour for equ		0.5				
Cost / Hour (gr	•	-	\$105.50				
	Total Grading		3				
	-	ng Cost:	\$316.50				
			\$716.50	-			
	Tot	al Cost:	\$716.50	-			
	Cos	t / Mbf:	\$0.90				
		Dust Abate	ement (Profit	t & Risk to be a	dded in Appr	raisal)	
PP	657 MB			Average Load		MBF No. of Loads	156
WF	113 MB			Average Load		MBF No. of Loads	26
_ LP	30 MB)	Average Load	4.0	MBF No. of Loads	3
Total:	793 Mb)Ť				Total Loads	190
Assume:	4 Tru	icks/Day					
Assume.		os/Day			16	Days of Dust Abatement	
-		ids per Day	,			Hours/Day	
		uling Days	•			Cost/Hour	
		8, -			•	Total Hours	
						Move in for Water Truck	
						Dust Abatement Cost	
					\$2,312.00	Total Cost	
					\$2.92	Cost/Mbf	
	Oth	er Costs Su	ımmary (Pro	fit and Risk to b	e added in A	Appraisal)	
•	tal cost for F				\$0.90	per MBF	
\$2,312.00 To	tal cost for D	Oust Abateı	ment		\$2.92	per MBF	
\$3,028.50 To	tal Other Co	sts			\$3.82	per Mbf	

Alter Eagle KL-341-17-52 *Project Costs*

Project #1	Road Imp	provement	and	Construction
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Move in Cost Dozer: \$400.00

lm	prov	vem	ent

	Points	Distance (ft)	Feet/Hour	Hours	Cost/Hour	Cost
Open/Clear/Shape	A to B	2295	1000	2.3	\$132.50	\$304.75
Open/Clear/Shape	B to E	1686	1000	1.7	\$132.50	\$225.25
Open/Clear/Shape	C to D	1291	1000	1.3	\$132.50	\$172.25
	F to G	355	1000	0.4	\$132.50	\$53.00
	H to I	423	1000	0.4	\$132.50	\$53.00
	Total	6050			Total	\$808.25
Construction						

	Points	Distance (ft)	reet/Hour	Hours	Cost/Hour	Cost
Construct Spur	F to G	400	500	0.8	\$132.50	\$106.00
	Total	400			Total	\$106.00

Project #1 Summary

per MBF	\$1.66
Project #1 Total	\$1,314.25
Contruction Cost	\$106.00
mprovement Cost	\$808.25
Equipment Costs	\$400.00

KL-341-17-52

Project Costs

Project #2 Slash Piling

Unit Slash and Brush Piling

\$400.00 Move in Cost Excavator:

> Acres/Hour **Total Hours** Cost/Hour **Piling Costs**

Unit acres to be piled: 15 0.50 30.00 \$85.50 \$2,565.00

> Move in Cost: 400.00 Piling Cost: 2,565.00

Unit Piling Total: 2,965.00

Landing Clean Up

Number of Landings: 10

Shovel Time: 1 Hour per Landing Cost per Hour: \$125.00 Total Cost: \$1,250.00 Cat Time: 1 Hour per Landing \$132.50 Total Cost: \$1,325.00 Cost per Hour:

> **Total Cost:** \$2,575.00

Project #2 Summary

Unit Slash Piling \$2,965.00 Landing Cleanup: \$2,575.00

> Total: \$5,540.00 per MBF \$6.99

Project #3 Road Closure

Road Closures

Number of Closure Points (A, B, D, H) 4

Hour/Point (Travel Included) 1

\$132.50 Cost per Hour (Cat)

\$530.00 Total

\$0.67 per MBF

	Cost Summary All Projects							
\$1,314.25	Project #1 Road Improvement							
\$5,540.00	Project #2 Landing Slash Piling							
\$530.00	Project #3 Road Closures							
\$7,384.25	Total							
\$9.31	per MBF							

Alter Eagle KL-341-17-52 Cruise Report



SALE NAME: Alter Eagle

LEGAL DESCRIPTION:

T32S, R7.5E, Portions of Sections 3 and 10, W.M., Klamath County, Oregon.

BOUNDARY LINES:

Unit boundaries are posted with "Timber Sale Boundary" signs, marked with fluorescent orange paint and fluorescent orange flagging.

FUND:

100% B.O.F.

ACREAGE:

Gross Sale Acreage: 154 Acres

Net Sale Acreage: 154 Acres

Mapping was accomplished using a handheld Global Positioning System unit with the data run on the district Geographical Information System Program.

TREATMENT:

The Timber Sale is a single tree selection cuts with cut trees marked with blue paint for all trees 5.0 inches DBH or larger. All orange marked trees are reserved from cutting. All trees less than 5.0 inches DBH are reserved from cutting in the sale area.

CRUISE METHOD:

Variable plot cruise with a ratio of a count plot for every measure plot. Fixed plot cruise for all sub-merchantable material (5.0" to 10.0") DBH for all Areas.

BASAL AREA FACTOR:

Area	BAF	Type Acreage
Area 1	10 BAF	154

PLOT DESIGNATION:

Plot centers were established at every plot with blue flag wire stakes with the corresponding plot number. Orange flagging was attached to the nearest available tree branch.

SAMPLE SIZE CALCULATIONS:

AREA	CV%	DESIRED SE %	ACRES
Area 1	80	13	154

Number of Plots =
$$\frac{T^2C^2}{A^2}$$

C = Coefficient of Variation in Percent (Taken from inventory data)

T = Number of Standard Errors

A = Desired Sampling Error for a sale of this size and value

Area 1
$$N = (1)^2(80)^2 = 38 \text{ plots}$$

Measurements and Grading:

- Ratio of a count plot for every measure plot.
- DBH and Height were measured on all "in" trees for measure plots.
- Pulp volume and sawlog volume cruised.
- See attached species and grade tables for minimum requirements.
- All trees were graded using the segment system.
- Separate fixed plot cruise for all submerchantable material (5"to 10" DBH).

TREE HEIGHT:

All trees were measured to a fixed diameter outside bark. This height is usually taken as high up the bole as possible, where the cruiser can clearly see the bole, and the taper remains constant (usually 6 or 8 inches). The log segments are broken out and graded accordingly.

MINIMUM D.B.H:

10.0" DBH for sawlog volume. 5.0" DBH for submerchantable material.

DIAMETER STANDARDS:

1" diameter class

BTR:

Standard ratios were used. See attached species tables.

FORM FACTOR:

Form factor was measured or estimated at 16' for each tree. Each tree was assigned its own FF.

FORM POINT:

All trees were sighted at DBH.

VOLUME COMPUTATION:

All cruise data was input and run at the district on Atterbury's Super Ace program.

CRUISERS: Sara Stack

FINAL CRUISE RESULTS:

AREA	CV%	SE%	ACRES
Area 1	80	8.1	154

TIMBER DESCRIPTION

SAWLOG VOLUME:

This volume was obtained from the variable plot cruise. All material graded camprun. See grade table for minimum standards.

TOTAL SAWLOG VOLUME

SPECIES	AVE. DBH	GROSS VOL (MBF)	NET VOL (MBF)
Ponderosa Pine	19.7	663	655
White Fir	18.1	115	113
Lodgepole Pine	12.1	28	25

TOTAL NET SAWLOG VOLUME: 793 MBF

GREEN PULP VOLUME:

This volume was obtained from the fixed plot cruise $(5.0" - 9.0" \, DBH)$. All material was graded green pulp, see grade table for minimum standards.

TOTAL GREEN PULP VOLUME: ~1 MBF

•

TC PL	OGST	В					Log S	Stock 7	Γable -	MBF									
T33S 1	R75E S	10 Ty	VAR2	15	5.00		-	Project: AEAGLE Acres 155.00							Page 1 Date 2/25/2016 Time 14:57:30				
	S So	Gr	Log	Gross	Def	Net	%		N	let Volu	me by S	caling I	Diamete	r in Inch	es				
Spp	rt rt	de	Len	MBF	%	MBF	Spc	2-3	4-5	6-8	9-10	11-12	13-14	15-16	17-19	20-21	22-29	30-39	40+
PP	CF	CR	14	4		4	.7							4					
PP	CF	CR	17	39		39	5.9			9	4	5	1	10		4	6		
PP	CF	CR	24	7		7	1.1	0							7				
PP	CF	CR	26	72	2.4	70	10.6			20	6	23	2	12			8		
PP	CF	CR	34	525	1.1	519	78.5			33	55	86	84	75	87	41	57		
PP	CF	CR	36	7		7	1.1				7								
PP	CF	CR	40	9		9	1.4									9			
PP	CF	GF	19	2		2	.4		2										
PP	CF	GF	20	3		3	.5			3									
PP		Total	s	669	1.2	661	82.1	0	2	66	72	113	87	101	94	55	71		
WF	CF	CR	17	15		15	13.5			6						9			
WF	CF	CR	34	100	2.1	98	86.5				13	14	10	32	29				
WF		Total	S	116	1.8	113	14.1			6	13	14	10	32	29	9			
LP	CF	CR	17	4		4	14.3			4									
LP	CF	CR	26	4		4	14.2			4									
LP	CF	CR	34	20	13.9	17	56.8				9	8							
LP	CF	GF	16	5		5	14.7			5									
LP		Total	s	34	8.4	31	3.8		_	13	9	8	•						

100.0

Total

All Species

1.6

TC PST	ΓATS				ROJECT ROJECT		STICS GLE			PAGE DATE	1 2/25/2016
TWP	RGE	SC TRA	CT	TYPE		AC	RES	PLOTS	TREES	CuFt	BdFt
33S	75E	10 AEA	GLE	VAR2			155.00	38	141	1	E
					TREES		ESTIMATED TOTAL		ERCENT AMPLE		
		PLOTS	TREE	S	PER PLOT		TREES	,	TREES		
TOTA	AL	38	8 1	41	3.7						
CRUI DBH	ISE COUNT	18	3	74	4.1		3,114		2.4		
	DREST										
COU		20)	67	3.3						
BLAN 100 %											
	-			ST	AND SUMM	IARY					
		SAMPLE TREES		AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
PPINI	Е		61 14	.3 19.7	60	6.8	30.3	4,319	4,268	834	834
WHIT				.2 18.1		0.9	3.9	746	732	137	
LP PI TOT				.6 12.1		0.8	2.9	216	198	55	
1012	AL		74 20	.1 18.4	54	8.7	37.1	5,281	5,198	1,026	1,026
CON			F THE SAMPLE S OUT OF 100 T		E WILL BE V	WITHIN TI	HE SAMPLE E	RROR			
CL	68.1	COI	EFF		SAMPL	E TREES -	BF	# (OF TREES R	EQ.	INF. POP.
SD:	1.0		R.% S.E.		LOW	AVG	HIGH		5	10	15
PPINI			8.7 11		441	497	554				
WHIT LP PI			8.3 21 2.7 37		424 47	540 76	656 104				
TOTA			2.2 10		411	461	510		340	85	38
CL	68.1	COI	EFF		SAMPL	E TREES -	·CF	# (OF TREES R	EO.	INF. POP.
SD:	1.0	VA	R.% S.E.	%	LOW	AVG	HIGH		5	10	15
PPINI	Е	7	7.1	1.9	83	92	101				
WHIT			6.9 20		78	99	120				
LP PI TOTA				0 3	14 78	21 86	28 94		258	65	29
						80	94		230		29
CL											
CD.			EFF Do Se	N	TREES/		шси	# (OF PLOTS R	EQ.	INF. POP.
SD:	110	VA	R.% S.E.		LOW	AVG	HIGH 16	# (OF PLOTS R		INF. POP.
SD: PPINI WHIT	E	VA	R.% S.E.9	.9			HIGH 16 3	# 1		EQ.	
PPINI WHIT LP PI	E FE F NE	VAI	R.% S.E.9 1.0 9 4.2 34	1.9 7	LOW 13	AVG 14	16	# (EQ.	
PPINI WHIT	E FE F NE	VAI 6 21- 25:	R.% S.E. 1.0 9 4.2 34 3.7 41	1.9 7	13 1	AVG 14 2	16 3	# (EQ.	
PPINI WHIT LP PI TOTA	Е ГЕ F INE AL	VAI 6 21- 25: 48	R.% S.E. 1.0 9 4.2 34 3.7 41	1.9 7 2	13 1 2 19	AVG 14 2 4	16 3 5 22		5	EQ. 10	15
PPINI WHIT LP PI TOTA CL SD:	E FE F INE AL 68.1 1.0	VAI 6 21 25: 48 COI VAI	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E.	.9 7 .2 .9	13 1 2 19 BASAL	AVG 14 2 4 20 AREA/AC AVG	16 3 5 22 RE HIGH		5 95	EQ. 10	15
PPINI WHIT LP PI TOTA CL SD: PPINI	E FE F ENE AL 68.1 1.0	VAI 6 21 25: 48 COI VAI	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8	.9 .7 .2 .9	13 1 2 19 BASAL LOW	AVG 14 2 4 20 AREA/AC AVG 30	16 3 5 22 RE HIGH		5 95 OF PLOTS R	EQ. 10 24 EQ.	15 11 INF. POP.
PPINI WHITI LP PI TOTA CL SD: PPINI WHITI	E F F F F F F F F F F F F F F F F F F F	VAI 6 21- 25: 48 COI VAI 5- 22-	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8 4.6 36	.9 .7 .2 .9 .8 .8	13 1 2 19 BASAL . LOW 28 3	AVG 14 2 4 20 AREA/AC AVG 30 4	16 3 5 22 RE HIGH 33 5		5 95 OF PLOTS R	EQ. 10 24 EQ.	15 11 INF. POP.
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PPINI WHITI LP PI TOTA CL SD: PPINI WHITI LP PI	E F F F F F F F F F F F F F F F F F F F	VAI 6 21 25: 48 COI VAI 5- 22 23: 39	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38	.9 .7 .2 .9 .8 .8 .4	13 1 2 19 BASAL LOW 28 3 2 35	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37	16 3 5 22 RE HIGH 33 5 4	#+	5 95 OF PLOTS R 5	EQ. 10 24 EQ. 10	15 11 INF. POP. 15
PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA	E F F NE AL 68.1 68.1 68.1 68.1 68.1	VAI 6 21- 25: 48 COI VAI 5- 22- 23: 39 COI	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38 9.1 6	.9 .7 .2 .9 .8 .8 .4	13 1 2 19 BASAL . LOW 28 3 2	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37	16 3 5 22 RE HIGH 33 5 4	#+	5 95 OF PLOTS R 5	EQ. 10 24 EQ. 10	11 INF. POP. 15
PPINI WHIT LP PI TOTA CL SD: PPINI LP PI TOTA CL SD: PPINI	E F F NNE AL 1.0 E F S NNE AL 68.1 1.0 E F NNE AL 68.1 1.0 E	VAI 6 21- 25: 48 COI VAI 5- 22- 23: 39 COI VAI 6:	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38 9.1 6 EFF R.% S.E. 2.2 10	.9 .7 .2 .9 .8 .8 .4 .9 .3	13 1 2 19 BASAL LOW 28 3 2 35 NET BE LOW 3,837	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37 /ACRE AVG 4,268	16 3 5 22 RE HIGH 33 5 4 39 HIGH 4,698	#+	5 95 OF PLOTS R 5 61 OF PLOTS R	EQ. 10 24 EQ. 10 15 EQ.	11 INF. POP. 15
PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA CL SD: PPINI WHIT WHIT	E F F NNE AL 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 E F F NNE AL 68.1 1.0 E F F F F F F F F F F F F F F F F F F	VAI 6 21- 25: 48 COI VAI 5- 22- 23: 39 COI VAI 6: 23:	R.% S.E. 1.0 9 4.2 34 3.7 41 3.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38 9.1 6 EFF R.% S.E. 2.2 10 9.8 38	.9 .7 .2 .9 .8 .8 .4 .9 .3	13 1 2 19 BASAL LOW 28 3 2 35 NET BE LOW 3,837 447	AVG 14 2 4 20 AREA/AC AVG 30 4 3 7 ACRE AVG 4,268 732	16 3 5 22 RE HIGH 33 5 4 39 HIGH 4,698 1,016	#+	5 95 OF PLOTS R 5 61 OF PLOTS R	EQ. 10 24 EQ. 10 15 EQ.	11 INF. POP. 15
PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI PPINI WHIT LP PI	E F F NE AL 68.1 1.0 E F F NE AL F F F NE AL F F F NE	VAI 6 21- 25: 48 COI VAI 5- 22- 23: 39 COI VAI 6. 23: 22:	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38 9.1 6 EFF R.% S.E. 2.2 10 9.8 38 6.9 36	.9 .7 .2 .9 .8 .8 .4 .9 .3	13 1 2 19 BASAL LOW 28 3 2 35 NET BE LOW 3,837 447 125	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37 /ACRE AVG 4,268 732 198	16 3 5 22 RE HIGH 33 5 4 39 HIGH 4,698 1,016 271	#+	5 95 OF PLOTS R 5 61 OF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10	11 INF. POP. 15 7 INF. POP. 15
PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA CL SD: PPINI LP PI TOTA	E FE F NE AL 68.1 1.0 E FE F NE AL 68.1 1.0 E FE F NE AL 68.1 1.0 E FE F NE AL 64.1 E FE F NE AL 64.1 E FE F NE AL	VAI 60 214 255 48 COI VAI 50 224 239 36 COI VAI 60 239 220 50	R.% S.E. 1.0 9 4.2 34 4.2 34 3.7 41 8.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38 9.1 6 EFF R.% S.E. 2.2 10 9.8 38 6.9 36 0.2 8	.9 .7 .2 .9 .8 .8 .4 .9 .3	13 1 2 19 BASAL LOW 28 3 2 35 NET BF LOW 3,837 447 125 4,775	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37 /ACRE AVG 4,268 732 198 5,198	16 3 5 22 RE HIGH 33 5 4 39 HIGH 4,698 1,016 271 5,621	# 1	5 95 OF PLOTS R 5 61 OF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10 25	11 INF. POP. 15 7 INF. POP. 15
PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA CL CL CL	E F F NE AL 68.1 1.0 E F F NE AL 68.1 1.0 E F F NE AL 68.1 1.0 E F F NE AL 68.1 68.1 68.1	VAI 6 21- 25: 48 COI VAI 5- 22- 23: 39 COI VAI 6: 23: 22: 50 COI	R.% S.E. 1.0 9 4.2 34 3.7 41 8.6 7 EFF 4.0 8 4.6 36 9.7 38 9.1 6 EFF R.% S.E. 2.2 10 9.8 38 6.9 36 0.2 8	.9 .7 .2 .9 .8 .8 .4 .9 .3 .8 .1	13 1 2 19 BASAL LOW 28 3 2 35 NET BE LOW 3,837 447 125 4,775 NET CU	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37 /ACRE AVG 4,268 732 198 5,198	16 3 5 22 RE HIGH 33 5 4 39 HIGH 4,698 1,016 271 5,621	# 1	5 95 OF PLOTS R 5 61 OF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10 25 EQ.	11 INF. POP. 15 11 INF. POP.
PPINI WHIT LP PI TOTA CL SD: PPINI WHIT LP PI TOTA CL SD: PPINI LP PI TOTA	E F F NE AL 68.1 1.0 E F N	VAI 6 21- 25: 48 COI VAI 5- 22- 23: 39 COI VAI 6: 23: 220 50 COI VAI	R.% S.E. 1.0 9 4.2 34 3.7 41 3.6 7 EFF R.% S.E. 4.0 8 4.6 36 9.7 38 9.1 6 EFF R.% S.E. 2.2 10 9.8 38 6.9 36 9.2 8 EFF R.% S.E.	.9 .7 .2 .9 .8 .8 .4 .9 .3 .8 .1	13 1 2 19 BASAL LOW 28 3 2 35 NET BF LOW 3,837 447 125 4,775	AVG 14 2 4 20 AREA/AC AVG 30 4 3 37 /ACRE AVG 4,268 732 198 5,198	16 3 5 22 RE HIGH 33 5 4 39 HIGH 4,698 1,016 271 5,621	# 1	5 95 OF PLOTS R 5 61 OF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10 25	11 INF. POP. 15 7 INF. POP. 15

TC PST	ATS				PROJECT PROJECT		STICS AGLE			PAGE DATE	2 2/25/2016
TWP	RGE	SC	TRACT	TY	PE	A	CRES	PLOTS	TREES	CuFt	BdFt
33S	75E	10	AEAGLE	VA	R2		155.00	38	141	1	E
CL	68.1		COEFF		NET CU	UFT FT/AC	FT FT/ACRE			S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
LP PI	NE		228.1	37.0	35	55	76				
TOTA	AL		46.6	7.6	949	1,026	1,104		87	22	10

TC	PSPCSTGR		S_{l}	pecies, So	ort Gra	de - Board F	oot V	olum	es (Pr	oject)								
Т3	T33S R75E S10 TyVAR2 155.00			155.00		Project: AEAGLE Acres 155.00					Dat					Page Date Time		1 25/201 1:58:4	16
							Perc	ent of N	Net Boa	rd Foot	Volume					Avera	age Log	g	Logs
	S So Gr	Net		. per Acre		Total		Log Sca	ale Dia.			Log	Length		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	6-8	9-14	15-21	22+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
PP	CR CR	99	1.2	4,281	4,230	656	10	42	38	11	7	12	79	2	29	11	190	1.27	22.3
PP	CR GP	1		38	38	6	100				100				20	6	25	0.33	1.5
PP	Totals	82	1.2	4,319	4,268	661	10	41	38	11	7	12	79	2	29	11	179	1.23	23.8
WF	CR CR	100	1.8	746	732	113	5	33	62		14		86		27	12	209	1.46	3.5
WF	Totals	14	1.8	746	732	113	5	33	62		14		86		27	12	209	1.46	3.5
,,	an an	0.5	0.7	105	1.60	25	22				1.7				2.5	0	-1	0.55	2.7
LP	CR CR	85	9.7	187	169	26	33	67			17	17	67		25	8	61	0.66	2.7
LP	CR GP	15		29	29	5	100				100				16	7	25	0.50	1.2
LP	Totals	4	8.4	216	198	31	43	57			29	14	57		23	8	51	0.63	3.9
Tota	nls		1.6	5,281	5,198	806	11	41	40	9	9	10	79	2	28	10	167	1.19	31.2

