

Timber Sale Appraisal Lost Steere

Sale WO-341-2020-W00777-01

District: West Oregon Date: January 10, 2020

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$566,717.40	\$8,742.15	\$575,459.55
		Project Work:	(\$62,396.00)
		Advertised Value:	\$513,063.55



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District: West Oregon Date: January 10, 2020

Timber Description

Location: Portions of Sections 10 & 11, T10S, R8W, W.M., Lincoln & Polk Counties, Oregon.

Stand Stocking: 80%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	17	0	96
Alder (Red)	16	0	95
Maple	14	0	92

Volume by Grade	2\$	3S & 4S 6"- 11"	SM & Better	Camprun	Total
Douglas - Fir	811	617	8	0	1,436
Alder (Red)	0	0	0	47	47
Maple	0	0	0	12	12
Total	811	617	8	59	1,495

Comments: Pond Values Used: Local Pond Values, November, 2019

Western Hemlock and Other Conifers Stumpage Price = Pond Value minus Logging Cost: \$188.54/MBF = \$485/MBF - \$296.46/MBF

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost: \$653.54/MBF = \$1,100/MBF - \$296.46/MBF - \$150/MBF (Extra Haul Cost)

Bigleaf Maple and Other Hardwoods Stumpage Price = Pond Value minus Logging Cost: \$58.41/MBF = \$390/MBF - \$331.59/MBF

PULP (Conifer and Hardwood Price) = \$3/TON

Other Costs (with Profit & Risk to be added): Intermediate Support/Tail Trees:3 supports @ \$100/support = \$300 TOTAL Other Costs (with Profit & Risk to be added) = \$300

Other Costs (No Profit & Risk added):
Equipment Cleaning (Invasive Species): \$2,000
Water Bar and Block Dirt Roads: 25 stations @ \$15.96/station = \$399.00
Landing Slash Piling: 10 Landings @ 100/Landing = \$1,000
TOTAL Other Costs (No Profit & Risk added) = \$3,399

ROAD MAINTENANCE Move-in: (Grader) \$875 Final Road Maintenance: \$8,853

TOTAL Road Maintenance: \$9,728/1,495 MBF = \$6.51/MBF

SLASH DISPOSAL
Use Log Loader
Project Work: 8 hrs @ \$150/hr = \$1,200
TOTAL Slash Disposal = \$1,200



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Logging Conditions

Combination#: 1 Douglas - Fir 92.00%

Alder (Red) 92.00% Maple 92.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Harvester Head Delimbing

yarding distance: Medium (800 ft) downhill yarding: No

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

loads / day: 12 bd. ft / load: 4600

cost / mbf: \$140.95

machines: Log Loader (A)

Forwarder Harvester

Tower Yarder (Medium)

Combination#: 2 Douglas - Fir 8.00%

Alder (Red) 8.00% Maple 8.00%

Logging System: Shovel **Process:** Harvester Head Delimbing

yarding distance: Short (400 ft) downhill yarding: No

tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF

loads / day: 15 bd. ft / load: 3800

cost / mbf: \$93.76
machines: Forwarder

Harvester



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District: West Oregon Date: January 10, 2020

Logging Costs

Operating Seasons: 2.00

Profit Risk: 10%

Project Costs: \$62,396.00

Other Costs (P/R): \$300.00

Slash Disposal: \$1,200.00

Other Costs: \$3,399.00

Miles of Road

Road Maintenance:

\$6.51

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

Hauling Costs

Species	\$/MBF	Trips/Day	MBF / Load	
Douglas - Fir	\$0.00	2.0	4.3	
Alder (Red)	\$0.00	2.0	3.5	
Maple	\$0.00	2.0	3.5	



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Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas -	Douglas - Fir								
\$137.17	\$6.77	\$5.87	\$114.89	\$0.20	\$26.49	\$0.80	\$2.00	\$2.27	\$296.46
Alder (Red	l)								
\$137.17	\$6.84	\$5.87	\$142.50	\$0.20	\$29.26	\$0.80	\$2.00	\$2.27	\$326.91
Maple									
\$137.17	\$7.03	\$5.87	\$146.57	\$0.20	\$29.68	\$0.80	\$2.00	\$2.27	\$331.59

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$691.11	\$394.65	\$0.00
Alder (Red)	\$0.00	\$498.00	\$171.09	\$0.00
Maple	\$0.00	\$390.00	\$58.41	\$0.00



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Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Alder (Red)	0	\$0.00	\$0.00
Maple	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total		
Douglas - Fir	1,436	\$394.65	\$566,717.40		
Alder (Red)	47	\$171.09	\$8,041.23		
Maple	12	\$58.41	\$700.92		

Gross Timber Sale Value

Recovery: \$575,459.55

Prepared By: Aaron McEwen Phone: 541-929-3266

SUMMARY OF ALL PROJECT COSTS

Sale Name: Lost Steere Date: January 2020

Time: 7:12

Project #1 - New Construction

Road SegmentLengthCostA to B25.0 sta\$10,742

\$10,742

Project #2 - Road Improvement

Road Segment	<u>Length</u>	Cost
1 to 2 (Lost Steere Rd.)	97.7 sta	\$23,649
2 to 3	36.4 sta	\$5,516
4 to 5	7.0 sta	\$10,692
2 to A	17.2 sta	\$7,692

\$47,549

Project #5 - Move in	<u>Cost</u>
Excavator, C325 or equiv.	\$1,450
Dozer, D-7 or equiv.	\$905
Grader, Cat 14-G or equiv.	\$875
Vibratory roller	\$875

TOTAL \$4,105

\$62,396

Compiled by A. McEwen Date 01/15/2020

SALE	Lost Stee	re	Project #	1	LENGTH	LENGTH const		25.0 sta
ROAD	A to B	(Unsurfaced)						
CLEARING A	ND GRUBI	BING						
1.9	5 acres	@	\$1,337.00	/acre		=	\$2,006	
				TOTAL CLI	EARING AN	ID GRUBB	ING =	\$2,006
EXCAVATION	N	With D7 dozer o	r equivalent					
Construct road	d	25.0 sta	@	\$214.00	/sta	=	\$5,350	
Remove Lg. s	tumps	8 stmps	@	\$82.50	/stmps	=	\$660	
Construct Lan	ding	3 ldg	@	\$438.00	/ldg	=	\$1,314	
Shape subgra	ıde	25.0 sta	@	\$20.63	/sta	=	\$516	
(with road gra	der)							
Compact subo		25.0 sta	@	\$16.00	/sta	=	\$400	
(with vibratory	roller)							
					TOTAL EX	CAVATIO	N =	\$8,240
SURFACING				Size	Cost/yd			
Junction rock		20	cy of	3"-0"	\$23.89	=	\$478	
Process surfa	ce rock	0.5 sta	@	\$20.63	•	=	\$10	
(with road gra			-	,			·	
Compact surfa	•	0.5 sta	@	\$16.00	/sta	=	\$8	
(with vibratory	roller)							
					TOTAL SU	JRFACING	COST =	\$496
Compiled by:		A. McEwen						
Date:		Jan 15, 2020			GRAND T	OTAL ===	==>	\$10,742
_ 3		,			- · · · · · · · ·		-	₹·•,· · -

SALE ROAD	Lost Steere 1 to 2	(Lost Steere Rd.)	Project #	2	LENGTH	improve		97.7 sta
EXCAVATION		Medium size excavate	or (C325) ar	nd D7 cat or e	quivalent			
Sidecast pullback		2 hr	@	\$140.00	/hr	=	\$280	
(Sta. 90+70 to 91 Slough removal /	+30) Road realignment	6 hr	@	\$140.00	/hr	=	\$840	
(with excavator) End-haul excavator	tion	140 ov	@	¢4 50	lovi		\$630	
(Sta. 90+50 to 92		140 cy	w.	\$4.50	/Cy	=	Φ030	
(with excavator a			_					
Waste material c Shape subgrade	ompaction	140 cy 1.5 sta	@ @	\$0.45 \$20.63	•	=	\$63 \$31	
(with road grader)	1.0 014		Ψ20.00	7510	_	ΨΟΊ	
Compact subgrad		1.5 sta	@	\$16.00	/sta	=	\$24	
(with vibratory rol Yarder Pad Crea	,	2 hr	@	\$140.00	/hr	=	\$280	
(Sta. 71+90)			_					
End-haul excavation (Sta. 71+90)	tion	30 cy	@	\$4.50	/cy	=	\$135	
(with excavator a	nd dump truck)							
					TOTAL E	XCAVATI	ON =	\$2,283
IMPROVEMENT								
Sod removal		87.7 sta	@	\$15.40	/sta	=	\$1,351	
(Bridge to Pt. 2) Pull ditches		20.0 sta	@	¢44.00	/oto		\$880	
where needed		20.0 Sta	w	\$44.00	/Sta	=	φδδυ	
Repair culvert inle	et	1 hr	@	\$45.00	/hr	=	\$45	
(Sta. 76+70) Reopen Landings	s (2)	1 hr	@	\$162.00	/hr	=	\$162	
(with Dozer)	5 (2)	1 111		Ψ102.00	7111	_	ΨΙΟΣ	
					TOTAL IN	/IPROVE	MENT =	\$2,438
Culvert Replace	ment							
Sta. 91+60								
18"x40' CPP Replace pipe and	l recenstruct fill		0 ft 4 hr	@ @	\$12.06 \$140.00		\$482 \$560	
Armor fill	reconstruct iiii		4 III 2 hr	@	\$140.00		\$280	
Install dissipater		0.	5 hr	@	\$140.00	/hr =	\$70	
					TOTAL =			\$1,392
								¥,
SURFACING		22	0 cy of	Size 1½"-0"	Cost/yd \$25.21	_	\$8,319	
Spot rock (Pt. 1 to Pt. 2)		33	O Cy Oi	1/2 -0	φ25.21	=	φο,519	
Landing rock			0 cy of	Jaw-Run	\$22.89	=	\$916	
Turnout rock (6) Surface replacem	nent rock		0 cy of 0 cy of	3"-0" 3"-0"	\$23.89 \$23.89	=	\$1,433 \$1,433	
(Sta. 90+50 to 92			•		* =====		v · , · · · ·	
Culvert bedding Pit run (fill armor)			0 cy of 0 cy of	1½"-0" Pit-Run	\$30.77 \$27.12	=	\$615 \$814	
Dissipator rock			7 cy of	24"-6"	\$39.42	=	\$276	
Process surface		95.7 sta	@	\$20.63	/sta	=	\$1,974	
(with road grader Compact surface	•	95.7 sta	@	\$16.00	/sta	=	\$1,531	
(with vibratory rol		30.7 Std		ψ10.00	7510	_	ψ1,001	
					TOTAL R	OCK CO	ST =	\$17,311
SPECIAL PROJ	ECTS							
Clean out culvert	S	5 culverts	@	\$25.00	/culv.	=	\$125	
(inlets and outlets Culvert disposal	S)	1 culvert	@	\$100.00	/culv	=	\$100	
(Hauling and disp	oosal)	, cuiveit		Ψ100.00	, ouiv.	-	Ψισσ	
				TOTAL OD	ECIAL DDA) IECTO /	- T90	¢225
				TOTAL SPI	LOIAL PRO	JUEU 13 (JUJ1 =	\$225
Compiled by		Λ Μ οΓινο -						
Compiled by:		A. McEwen			CD VND 1	TOTAL		\$23.640

Jan 15, 2020

Date:

GRAND TOTAL ====>

\$23,649

SALE	Lost Stee	re	Project #	2	LENGTH	improve		36.4 sta
ROAD	2 to 3	(Surfaced)						
IMPROVEM	ENT							
Sod remova	l	36.4 sta	@	\$15.40	/sta	=	\$561	
Reopen Lan (with Dozer)	• , ,	1 hr	@	\$162.00	/hr	=	\$162	
,					TOTAL IN	IPROVEM	ENT =	\$723
SURFACING	3			Size	Cost/yd			
Spot rock		100	cy of	3"-0"	\$29.45	=	\$2,945	
Landing rock	< (2)	40	cy of	Jaw-Run	\$28.45	=	\$1,138	
Process surf (with road gr		19.4 sta	@	\$20.63	/sta	=	\$400	
Compact su (with vibrato		19.4 sta	@	\$16.00	/sta	=	\$310	
					TOTAL RO	OCK COS	T =	\$4,793
Compiled by	<i>'</i> :	A. McEwen						
Sta. 91+60		Jan 15, 2020			GRAND T	OTAL ==:	===>	\$5,516

SALE	Lost Steere		Project #	2	LENGTH	improve		7.0 sta
ROAD	4 to 5	(Surfaced)						
IMPROV	EMENT							
Clear roa (with Doz	d and Landings er)	3.0 hrs	@	\$162.00	/hr	=	\$486	
Shape su	ıbgrade	7.0 sta	@	\$20.63	/sta	=	\$144	
Compact	subgrade	7.0 sta	@	\$16.00	/sta	=	\$112	
(with vibra	atory roller)				TOTAL IM	PROVEM	MENT =	\$742
SURFAC	ING			Size	Cost/yd			
Surface r	ock (6" lift)	230	cy of	Jaw-Run	\$28.45	=	\$6,544	
Junction	rock	20	cy of	3"-0"	\$29.45	=	\$589	
Landing r	ock (3)	90	cy of	Jaw-Run	\$28.45	=	\$2,561	
Process s (with road		7.0 sta	@	\$20.63	/sta	=	\$144	
Compact		7.0 sta	@	\$16.00	/sta	=	\$112	
(WILLI VIDIO	atory roller)				TOTAL RO	OCK COS	ST =	\$9,950
Compiled	l by:	A. McEwen						
Date:		Jan 15, 2020			GRAND T	OTAL ==	===>	\$10,692

SALE ROAD	Lost Steere 2 to A	(Surfaced)			Project #	2	LENGTH	improve		17.2 sta
EXCAVATIO	N	Medium siz	ze excava	ator	(C325) an	d D7 cat or e	quivalent			
Slough remove (with excavat	val (Sta. 5+40)		1 hr		@	\$140.00	/hr	=	\$140	
End-haul slou	ugh material		30 cy		@	\$3.00	/cy	=	\$90	
•	or and dump trui ial compaction	CK)	30 cy		@	\$0.45	/cy	=	\$14	
							TOTAL EX	KCAVAT	ION =	\$244
										·
IMPROVEME Sod removal	ENT	1	7.2 sta		@	¢15 10	/cto	_	\$ 265	
(with road gra	ader)	ı	7.2 Sta		@	\$15.40	/Sta	=	\$265	
Waste Area (•		0.5 hr		@	\$162.00	/hr	=	\$81	
							TOTAL IM	IPROVE	MENT =	\$346
Culvert Repl	acement									
Sta. 2+60										
18"x 30' CPP	•			30 f	t	@	\$12.06	/ft =	\$362	
	and reconstruct	: fill		3 ł		@	\$140.00		\$420	
Armor fill				2 h		@	\$140.00		\$280	
Install dissipa	ator		C).5 h	ır	@	\$140.00	/nr =	\$70	
							SUB TOT	AL =		\$1,132
SURFACING	:					Size	Cost/yd			
Spot rock				80	cy of	3"-0"	\$29.45	=	\$2,356	
Turnout rock	(1)				cy of	3"-0"	\$29.45	=	\$295	
Surface repla	cement rock (S	ta. 2+60)	;	30	cy of	3"-0"	\$29.45	=	\$884	
Culvert beddi	ing				cy of	1½"-0"	\$30.77	=	\$615	
Pit run (fill arr	•		;		cy of	Pit-Run	\$27.12	=	\$814	
Dissipator roo			70.	7	cy of	24"-6"	\$39.42	=	\$276	
Process surfa		1	7.2 sta		@	\$20.63	/sta	=	\$355	
(with road gra	•	1	7.2 sta		@	\$16.00	/cto	_	\$275	
Compact surf (with vibrator)		ı	1.2 Sta		w	φ10.00	/5la	=	φ215	
(With Vibrator	y ronor,									
							TOTAL R	OCK CO	ST =	\$5,870
Culvert dispo	sal		1 culve	ert (@	\$100.00	/culv.	=	\$100	
(Hauling and				- '		,			,	\$100
Compiled by:		A. McEwei	n							
Date:		Jan 15, 20					GRAND T	OTAL =:	===>	\$7,692

Rock Haul Cost Computation

SALE NAME:	Lost	Steere	DATE: Jan 15, 2020
ROAD NAME:	Lost	Steere Rd	CLASS: Medium
ROCK SOURCE:	Rick		10 CY truck
Route:			, Eddyville-Blodgett Hwy,
	-		eek Rd, Lost Steere Rd
	(52.	8 miles RT)	
TIME Computat	cion:		
Road speed ti			
1.	55 MPH	14.0 MRT	15.3 minutes
2.	50 MPH	MRT	0.0 minutes
3.	45 MPH	12.0 MRT	16.0 minutes
4.	40 MPH	MRT	0.0 minutes
5.	35 MPH	14.0 MRT	24.0 minutes
6.	30 MPH	MRT	0.0 minutes
7.	25 MPH	8.0 MRT	19.2 minutes
8.	20 MPH	MRT	0.0 minutes
9.	15 MPH	4.4 MRT	17.6 minutes
10.	10 MPH	MRT	0.0 minutes
11.	05 MPH	0.4 MRT	4.8 minutes
Total haul (100% effi	.ciency)		97.40 minutes 114.59 minutes
Job efficiend	cy correction	0.90	127.32 minutes
Truck capacit	cy (CY)	10.00	12.73 min/CY
	delay time p	er CY	0.25 min/CY
TIME (minutes	s) per cubic y	ard	12.98 min/CY
COST per CY o	=	+ h	¢00 00 /h.:
	ruck and opera		\$90.00 /hr. \$1.50 /min
COST OF T	ruck and opera	tor per minute	\$1.30 \min
			\$19.47 /CY
	Wate	r truck, Grader	& Roller \$1.50 /CY
	Wate	r truck, Grader Cost Deli	
Size Co			vered Cost Delivered
Size Co	Wate pst/Yd (Pit) \$ 11.30	Cost Deli	vered Cost Delivered
	ost/Yd (Pit)	Cost Deli [.] w/o proce:	vered Cost Delivered ssing with processing
1½ - 0"	ost/Yd (Pit) \$ 11.30	Cost Delive w/o proces	vered Cost Delivered ssing with processing \$32.27
1½ - 0" 3 - 0"	pst/Yd (Pit) \$ 11.30 \$ 9.98	Cost Delive w/o proces \$30.77 \$29.45	vered Cost Delivered ssing with processing \$32.27 \$30.95

Rock Haul Cost Computation

SALE NAME:	:	Lost Steer	е		DATE:	Jan 15, 2	020
ROAD NAME:	:	Lost Steer	e Rd		CLASS:	Medium	
ROCK SOUR	CE:	Rickard Qu	arry		20 CY	truck	
Route:		Garrett La	ne, Hwy	20, Eddy	ville-	Blodgett Hw	У,
		Logsden Rd	, Steer	Creek Rd	, Lost	Steere Rd	
		(52.8 mile	s RT)				
TIME Compu	ıtation:						
Road speed	d time facto	rs:					
1	. 55 MPH	14.0	MRT			15.3	minutes
2	. 50 MPH	I	MRT			0.0	minutes
3	. 45 MPH	12.0	MRT			16.0	minutes
4	. 40 MPH	I	MRT			0.0	minutes
5	. 35 MPH	14.0	MRT			24.0	minutes
6	. 30 MPH	I	MRT			0.0	minutes
7	. 25 MPH	0.8	MRT			19.2	minutes
8	. 20 MPH	I	MRT			0.0	minutes
9	. 15 MPH	4.4	MRT			17.6	minutes
10	. 10 MPH	I	MRT			0.0	minutes
11	. 05 MPH	0.4	MRT			4.8	minutes
Dump or sp	pread time p	er RT				0.50	minutes
Total h	nauling cycl	e time for	this se	tting			
(100% €	efficiency)					97.40	minutes
Operator e	efficiency c	orrection	0.8	5		114.59	minutes
Job effici	iency correc	tion	0.9	0		127.32	minutes
Truck capa	acity (CY)		18.0	0		7.07	min/CY
Loading ti	ime, delay t	ime per CY				0.25	min/CY
TIME (minu	ıtes) per cu	bic yard				7.32	min/CY
COST per (CY computati	on					
Cost of	f truck and	operator pe	r hour			\$114.00	/hr.
	f truck and			е		\$1.90	/min
		_					
Cost per (CY					\$13.91	/CY
_							
Spread and	d compact	Water truc	k, Grad	er & Roll	er	\$1.50	/CY
-	-						
			Cost D	elivered		Cost Deliv	ered
Size	Cost/Yd (P	it)	w/o pro	ocessing		with proce	ssing
1½ - 0"	\$ 11.30		\$25.2	1		\$26.71	
3 - 0"	\$ 9.98		\$23.8	9		\$25.39	
Jaw Run	\$ 8.98		\$22.8	9		\$24.39	
Pit-Run	\$ 7.65		\$21.5	6		\$23.06	

SUMMARY OF MAINTENANCE COST

SALE Lost Steere - Final Maintenance Cost Estimate
(Costed in appraisal, not in project costs)

Grading Move-in \$ 875

Road Segment	Length	Cost/Sta	Cost	Mileage
1 to 2	97.7	\$20.63	\$2,015.55	1.85
2 to 3	36.4	\$20.63	\$750.93	0.69
4 to 5	7	\$20.63	\$144.41	0.13
2 to A	17.2	\$20.63	\$354.84	0.33
Total	158.3		\$3,265.73	3.00

Maintenance Rock:

	Volume	Cost/CY	Cost
1½"-0"	60	\$30.77	\$1,846.20
1½"-0"	90	\$25.21	\$2,268.90
3"-0"	50	\$29.45	\$1,472.50
Grand Total			\$9,728
TS Volume	1,495	MBF	
	ŕ		
Cost / MBF =			\$6.51

NOTES: Grade surfacing rock on all roads used for hauling.

Lost Steere (WO-341-2020-W00777-01) FY 2019

TIMBER CRUISE REPORT

1. Sale Area Location: Portions of Sections 10 & 11, T10S, R8W, W.M., Polk and Lincoln Counties, Oregon.

2. Fund Distribution:

a. Fund CSL 99%, BOF < 1%

b. Tax Code

3. Sale Acreage by Area:

Area	Treatment	Gross Acres	Stream Buffers	Slope Buffer Acres	Existing Roads	Non- Stocked Acres	Net Sale Acres	Acreage Comp. Method
1	Modified Clearcut	35	13	1	1	0	20	Ortho photo, GIS, GPS
2	Modified Clearcut	37	5	<1	2	2	28	Ortho photo, GIS, GPS
3 R/W	Right-of- way	1					1	Ortho photo, GIS, GPS
Total		73	18	1	3	2	49	

- **4. Cruisers and Cruise Dates:** All sale areas were cruised by Aaron McEwen and Jon Long. Both areas were cruised in April of 2019.
- 5. Cruise Method and Computation: Areas 1 and 2 of the sale were cruised using variable radius plot sampling using a 40 BAF for conifers and hardwoods. A total of 24 plots were taken in Area 1 consisting of 13 measure and 11 count plots spaced 3 chains by 3 chains apart, which includes 2 plots (1 measure and 1 count) taken in the younger timber in the north of the area. A total of 24 plots were taken in Area 2 consisting of 12 measure and 12 count plots spaced 3 chains by 3 chains apart. In Area 2, plot #'s 5 and 6 were dropped due to being within a non-stocked area that was removed from the net acreage. Area 3 was ITS (Individual Tree Sample) cruised measuring every third Douglas-fir for DBH, height, form factor, grade, and defect.

Digital ortho photos, LiDar, and ArcMap 10.6 were used to map the boundaries for the sale, and ArcMap 10.6 was used to determine gross and net acreage.

- **6. Measurement Standards:** Measure plots were measured for DBH, height, form factor, grade, and defect. Data was entered into the Atterbury SuperACE cruise program to determine stand statistics and net board foot volume. Additional volume was removed to account for hidden defect and breakage.
- 7. Timber Description: Timber in sale areas 1 and 2 consists primarily of 58 year-old planted Douglas-fir and natural hardwoods. The average DBH of Douglas-fir in Area 1 is approximately 17 inches, and approximately 17 inches DBH for red alder. The average volume per acre of Douglas-fir to be harvested (net) in Area 1 is approximately 41 MBF, and 1 MBF of red alder and bigleaf maple. The average DBH of Douglas-fir for Area 2 is approximately 18 inches, and approximately 16 inches DBH for red alder. The average volume per acre of Douglas-fir to be harvested (net) in Area 2 is approximately 22 MBF, and 1 MBF of red alder and bigleaf maple. Western Hemlock are reserved from cutting in sale areas 1 and 2. Timber in sale area 3 consists of 31 year-old planted Douglas-fir. The average DBH of Douglas-fir in Area 3 is approximately 13 inches, and the average volume per acre of Douglas-fir to be harvested (net) is approximately 12 MBF.

8. Total Volume (**MBF**) **by Species and Grade:** (See attached volume report "Species, Sort Grade – Board Foot Volumes - Project").

Area	Species	Gross Cruise Volume	Cruised D&B	Cruised D&B (MBF)	Hidden D&B	Hidden D&B (MBF)	Net Sale Volume
	Douglas-fir	843	2.9%	(24)	1%	(8)	811
1	Red alder	17	12.5%	(2)	1%	-	15
	Bigleaf maple	7	16.5%	(1)	1%	-	6
	Douglas-fir	630	1.8%	(11)	1%	(6)	613
2	Red alder	36	12.2%	(4)	1%	-	32
	Bigleaf maple	6	0%	-	1%	-	6
3	Douglas-fir	12	2%	-	-	-	12
Total		1,551	2.7%	(42)	1%	(14)	1,495

Grade % Breakdown / Volume by Grade

Area	Species	Ave. DBH	Tot. Net Vol.	2-Saw	3-Saw	4-Saw	SM	Camp Run
	Douglas-fir	17	Grade %	57%	37%	5%	1%	-
	Douglas-III	17	811	462	300	41	8	-
1	Red alder	17	Grade %	-	-	-	-	100%
1		17	15	-	-	-	-	15
	Bigleaf maple	1.4	Grade %	-	-	-	-	100%
		14	6	-	-	-	-	6
	Danalas fin	18	Grade %	57%	35%	8%	-	-
	Douglas-fir		613	349	215	49	-	-
2	D . 1 .11	1.6	Grade %	-	-	-	-	100%
2	Red alder	16	32	-	-	-	-	32
	Dialog would	12	Grade %	-	-	-	-	100%
	Bigleaf maple	13	6	-	-	-	-	6
2	Danalas fin	12	Grade %	=	86%	14%	-	-
3	Douglas-fir	13	12	-	10	2	1	-
	Total All Among		Grade %	54%	35%	6%	1%	4%
	Total All Areas		1,495	811	525	92	8	59

Attachments:

- Project Statistics (All Areas)
- Species/Sort/Grade-BF Vol. (All Areas)
- Stand Table Summary (All Areas)
- Log Stock Table (All Areas)

Prepared by:	Aaron McEwen	Date:	01/10/2020
-			

Unit Forester: Evelyn Hukari Date: 01/10/2020

TC PS	TATS				OJECT ROJECT		ISTICS STSTER			PAGE DATE	1 1/10/2020
TWP	RGE	SC TRACT		TYPE		A	CRES	PLOTS	TREES	CuFt	BdFt
108	08	10 A1		CC			20.00	24	153	1	W
					TREES		ESTIMATED TOTAL		PERCENT SAMPLE		*****
		PLOTS	TREES		PER PLOT	[TREES	• •	TREES		
TOTA		24	153		6.4						
	ISE COUNT DREST	13	84		6.5		3,095		2.7		
COU BLAN 100 %	NKS	11	69		6.3						
				STA	ND SUMI	MARY					
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DF		76	144.4	17.2	67	56.2	233.3	42,157	40,950	10,028	10,028
R AL		1	5.3	17.0	50	2.0	8.3	846	740	227	227
D-WI	LDLI IAPLE	5 2	.5 4.6	57.2 14.1	144 26	1.1 1.3	8.3 5.0	2,758 364	2,120 304	489 102	489 102
TOTA		2 84	154.7	17.4	65	61.2	255.0	46,125	44.114	10,846	10.846
CON	FIDENC 68.	E LIMITS OF T 1 TIMES OU			ME WILL	BE WIT	HIN THE SAN	MPLE ERRO)R		
CL	68.1	COEFF			SAMPL	E TREE	S - BF	#	OF TREES	REQ.	INF. POP.
SD:	1.0	VAR,%	S.E.%	L	OW	AVG	HIGH		5	10	15
DF R ALI		173.6	19,9		618	772	925				
D-WI	LDLI IAPLE	48.1 111.6	23.9 104.5		3,634	4,776 95	5,918 194				
TOTA		170.0	18.5		804	986	1.169		1.154	288	128
CL	68,1	COEFF			SAMPL	E TREE	S - CF	#	OF TREES	REO.	INF, POP,
SD:	1.0	VAR.%	S.E.%	L	OW	AVG		.,	5		
DF R ALI		140 0			100		HIGH		J	10	15
	DER	148.8	17.0		138	166	194			10	13
D-WI	LDLI	30.5	15.1		912	1,075	194 1,238		<u> </u>	10	15
BL M	LDLI APLE	30.5 99.7	15.1 93.3		912 2	1,075 31	194 1,238 59				
BL M TOTA	LDLI APLE AL	30.5 99.7 152.7	15.1		912 2 <i>180</i>	1,075 31 216	194 1,238		931	233	103
BL M TOTA	LDLI APLE AL 68.1	30.5 99.7 152.7 COEFF	15.1 93.3 <i>16.6</i>	т.	912 2 180	1,075 31 216 ACRE	1,238 59 251	#	<i>931</i> OF PLOTS)	<i>233</i> REQ.	<i>103</i> INF. POP.
BL M TOTA CL SD:	LDLI APLE AL	30.5 99.7 152.7 COEFF VAR.%	15.1 93.3	L	912 2 <i>180</i>	1,075 31 216	194 1,238 59	#	931	233	103
BL M TOTA	LDLI APLE AL 68.1 1.0	30.5 99.7 152.7 COEFF	15.1 93.3 16.6 S.E.%		912 2 <i>180</i> TREES /	1,075 31 216 ACRE AVG	1,238 59 251 HIGH	#	<i>931</i> OF PLOTS)	<i>233</i> REQ.	<i>103</i> INF. POP.
BL M TOTA CL SD: DF R ALI D-WII	LDLI APLE AL 68.1 1.0 DER LDLI	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4		912 2 180 TREES/ OW 128 2 0	1,075 31 216 ACRE AVG 144 5	194 1,238 59 251 HIGH 161 8 1	#	<i>931</i> OF PLOTS)	<i>233</i> REQ.	<i>103</i> INF. POP.
CL SD: DF R ALI D-WII BL M	LDLI EAPLE AL 68.1 1.0 DER LDLI EAPLE	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4	L	912 2 180 TREES/ OW 128 2 0 2	1,075 31 216 ACRE AVG 144 5 0 5	194 1,238 59 251 HIGH 161 8 1 7	#	931 OF PLOTS) 5	233 REQ. 10	103 INF. POP. 15
BL M TOTA CL SD: DF R ALI D-WII	LDLI APLE AL 68.1 1.0 DER LDLI APLE AL	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4	ъ	912 2 180 TREES/ OW 128 2 0 2 141	1,075 31 216 ACRE AVG 144 5 0 5 155	194 1,238 59 251 HIGH 161 8 1 7 169		931 OF PLOTS 1 5 76	233 REQ. 10	103 INF. POP. 15
CL SD: DF R ALL D-WILL BL M TOTA	LDLI APLE AL 68.1 1.0 DER LDLI APLE AL 68.1	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9		912 2 180 TREES/ OW 128 2 0 2 141 BASAL	1,075 31 216 ACRE AVG 144 5 0 5 155	194 1,238 59 251 HIGH 161 8 1 7 169		931 OF PLOTS 1 5 76 OF PLOTS 1	233 REQ. 10	103 INF. POP. 15 8 INF. POP.
BL M TOTA CL SD: DF R ALL D-WII BL M TOTA CL SD:	LDLI APLE AL 68.1 1.0 DER LDLI APLE AL	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.%	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9		912 2 180 TREES/ OW 128 2 0 2 141 BASAL	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH		931 OF PLOTS 1 5 76	233 REQ. 10	103 INF. POP. 15
BL M TOTA CL SD: DF R ALL D-WI BL M TOTA CL SD: DF	LDLI APLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6		912 2 180 TREES/ OW 128 2 0 2 141 BASAL	1,075 31 216 ACRE AVG 144 5 0 5 155	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258		931 OF PLOTS 1 5 76 OF PLOTS 1	233 REQ. 10	103 INF. POP. 15 8 INF. POP.
BL M TOTA CL SD: DF R ALL D-WII BL M TOTA CL SD:	LDLI IAPLE AL 68.1 1.0 DER LDLI IAPLE AL 68.1 1.0 DER	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9		912 2 180 TREES/ OW 128 2 0 2 141 BASAL OW 209	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH		931 OF PLOTS 1 5 76 OF PLOTS 1	233 REQ. 10	103 INF. POP. 15 8 INF. POP.
BL M TOTA CL SD: DF R ALI D-WII BL M TOTA CL SD: DF R ALI D-WII BL M BL M	LDLI IAPLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER LDLI APLE AL	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7 282.4 346.1 270.3	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6 58.8 72.1 56.3		912 2 180 TREES/ OW 128 2 0 2 141 BASAL OW 209 3 2 2	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233 8 8	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258 13 14 8		931 OF PLOTS 1 5 76 OF PLOTS 1 5	233 REQ. 10 19 REQ. 10	103 INF. POP. 15 8 INF. POP.
BL M TOTA CL SD: DF R ALL BL M TOTA CL SD: DF R ALL D-WI D-WI D-WI D-WI	LDLI IAPLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER LDLI APLE AL	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7 282.4 346.1	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6 58.8 72.1		912 2 180 TREES/ OW 128 2 0 2 141 BASAL OW 209 3 2	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233 8	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258 13 14	#	931 OF PLOTS 1 5 76 OF PLOTS 1 5	233 REQ. 10 19 REQ. 10	103 INF. POP. 15 8 INF. POP. 15
CL SD: DF R ALI D-WII BL M TOTA CL SD: DF R ALI D-WII BL M TOTA CL SC CL	LDLI IAPLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER LDLI APLE AL 68.1 68.1	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7 282.4 346.1 270.3 41.6 COEFF	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6 58.8 72.1 56.3 8.7		912 2 180 TREES/ OW 128 2 0 2 141 BASAL OW 209 3 2 2 2 233	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233 8 8 5 255	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258 13 14 8 277	#	931 OF PLOTS 1 5 76 OF PLOTS 1 5	233 REQ. 10 19 REQ. 10	103 INF. POP. 15 8 INF. POP. 15
BL M TOTA CL SD: DF R ALL BL M TOTA CL SD: DF R ALL D-WI BL M TOTA CL SD: CL SD:	LDLI APLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER LDLI APLE AL	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7 282.4 346.1 270.3 41.6 COEFF VAR.%	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6 58.8 72.1 56.3 8.7		912 2 180 TREES/ OW 128 2 0 2 141 BASAL OW 209 3 2 2 2 233 NET BF	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233 8 8 5 255	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258 13 14 8 277 HIGH	#	931 OF PLOTS 1 5 76 OF PLOTS 1 5	233 REQ. 10 19 REQ. 10	103 INF. POP. 15 8 INF. POP. 15
BL M TOTA CL SD: DF R ALI D-WII BL M TOTA CL SD: DF R ALI D-WII BL M TOTA CL SD: DF	LDLI IAPLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7 282.4 346.1 270.3 41.6 COEFF VAR.%	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6 58.8 72.1 56.3 8.7		912 2 180 TREES/OW 128 2 0 2 141 BASAL OW 209 3 2 2 233 NET BF	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233 8 8 5 255 VACRE AVG 40,950	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258 13 14 8 277 HIGH 46,019	#	931 OF PLOTS 1 5 76 OF PLOTS 1 5	233 REQ. 10 19 REQ. 10	103 INF. POP. 15 8 INF. POP. 15
BL M TOTA CL SD: DF R ALL BL M TOTA CL SD: DF R ALL D-WI BL M TOTA CL SD: CL SD:	LDLI IAPLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER LDLI APLE AL 68.1 1.0 DER	30.5 99.7 152.7 COEFF VAR.% 54.9 282.4 357.0 285.1 42.7 COEFF VAR.% 50.7 282.4 346.1 270.3 41.6 COEFF VAR.%	15.1 93.3 16.6 S.E.% 11.4 58.8 74.4 59.4 8.9 S.E.% 10.6 58.8 72.1 56.3 8.7		912 2 180 TREES/ OW 128 2 0 2 141 BASAL OW 209 3 2 2 2 233 NET BF	1,075 31 216 ACRE AVG 144 5 0 5 155 AREA/A AVG 233 8 8 5 255	194 1,238 59 251 HIGH 161 8 1 7 169 ACRE HIGH 258 13 14 8 277 HIGH	#	931 OF PLOTS 1 5 76 OF PLOTS 1 5	233 REQ. 10 19 REQ. 10	103 INF. POP. 15 8 INF. POP. 15

TC PS	TATS				PROJECT PROJECT		ISTICS STSTER			PAGE DATE	2 1/10/2020
TWP	RGE	SC	TRACT	TY	PE	A	CRES	PLOTS	TREES	CuFt	BdFt
10S	08	10	A1	CC			20.00	24	153	1	W
CL	68,1		COEFF		NET I	BF/ACRE			# OF PLOT	rs req.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
тот	AL		60.2	12.5	38,583	44,114	49,644		151	38	17
CL	68.1		COEFF		NET (CUFT FT/	ACRE	:	# OF PLOTS I	ÆQ.	INF. POP.
SD:	1,0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DF			56.0	11.7	8,858	10,028	11,197				
R AL	DER		282.4	58.8	94	227	361				
D-WI	LDLI		339.8	70.8	143	489	835				
BL M	IAPLE		289.5	60.3	41	102	164				
TOT	AL		53.8	11.2	9,630	10,846	12,063		121	30	13

TC PSTNDSUM		Stand Table Summary	Page 1 Date: 1/10/2020
T10S R08W S10 TyCC	20.00	Project LOSTSTER	Time: 7:49:48AM
		Acres 20.00	Grown Year:

				Tot				Averag	e Log		Net	Net			
S		Sample	FF	Av	Trees/	BA/	Logs	Net	Net	Tons/		Bd.Ft.		Totals	
Spc T	DBH	Trees	16¹	Ht	Acre	Acre	Acre	Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF
DF	9	1	84	21	6.949	3.07	6.95	5.0	20.0		35	139		7	3
DF	10	2	85	65	11.258	6.14	11.26	13.0	55.0		146	619		29	
DF	11	3	85	71	13.956	9.21	13.96	16.7	56.7		233	791		47	16
DF	12	4	86	73	15,636	12.28	19.55	17.0	54.0		332	1,055		66	
DF	13	2	86	87	6.662	6.14	13.32	15.2	55.0		203	733		41	
DF	14	5	86	83	14.360	15.35	22.98	19.7	67.5		454	1,551		91	31
DF	15	1	89	95	2.502	3.07	5.00	23.5	90.0	1	118	450		24	
DF	16	7	86		15,392	21.49	30.78	26.9	100.0		827	3,078		165	62
DF	17	5	87	108	9.739	15.35	21.43	30.3	111.8		649	2,396		130	
DF	18	7	87		12.162	21.49	24.32	36.2	122.9		881	2,988		176	
DF	19	4	87		6.237	12.28	12.47	41.0	142.5		511	1,778		102	
DF	20	3	88	110	4.222	9.21	12.67	32.0	118.9		405	1,506		81	30
DF	21	4	87	122	5.106	12.28	15.32	38.3	150.0		587	2,298		117	46
DF	22	3	87	118	3.489	9.21	10.47	41.2	172.2		431	1,803		86	
DF	23	3	89	126	3.192	9.21	9.58	48.2	205.6		462	1,969		92	39
DF	24	3	88	124	2.932	9.21	8.80	49.6	207.8		436	1,827		87	37
DF	25	4	86	140	3.603	12.28	10.81	58.5	246.7		632	2,666		126	
DF	26	1	89	163	.833	3.07	3.33	57.3	275.0		191	916		38	
DF	28 30	2	86	143	1.436	6.14	4.31	74.0	318.3		319	1,371		64	27
DF	31	2 2		150 165	1.251 1.172	6.14 6.14	3.75 3.51	89.8 102.2	420.0 488.3		337 359	1,576		67 72	32 34
DF	32	1			.550	3.07	1.65	102.2	563.3		179	1,716 929		36	34 19
DF	38	1	89	153	.390	3.07	1.17	151.7	793.3		177	929		35	19
DF	42	1	89	171	.319	3.07	1.28	152.3	827.5		194	1,056		39	21
DF DF	46	1		201	.266	3.07	1.06	196.0	992.5		209	1,056		42	21
DF DF	48	1		198	.244	3.07	.98	158.0	815.0		154	796		31	16
DF	52	1		205	.208	3.07	.62	215.3	940.0		134	587		27	12
DF DF	58	1		205	.167	3.07	.67	320.0	1785.0		214	1,195		43	24
DF DF	60	1			.156	3.07	.78	278.8	1504.0		218	1,176		44	24
	Totals														
DF		76	86	94	144,388	233,33		36.8	150.1		10,028	40,950		2,006	819
DFW	50	1		179	.122	1.67	.49	217.5	772.5		106	378		21	8
DFW	55	1		153	.101	1.67	.40	233.5	870.0		94	352		19	7
DFW	60	2		198	.170	3,33	.59	302.0	1377.1		179	818		36	16
DFW	64	1		205	.075	1.67	.30	364.5	1917.5		109	572		22	11
DFW	Totals	5		185	.468	8.33	1.79	273.8	1187.1		489	2,120		98	42
RA	17	1	87	67	5.287	8.33	10.57	21.5	70,0		227	740		45	15
RA	Totals	1	87	67	5.287	8.33	10.57	21,5	70.0		227	740		45	15
BM	12	1	87	18	3.183	2.50	3,18	9.0	20.0		29	64		6	1
ВМ	18	1	86	64	1.415	2.50	2.83	26.0	85.0		74	241		15	5
BM	Totals	2	87	32	4.598	5.00	6.01	17.0	50,6		102	304		20	6
Totals		84	86	91	154.741	255.00	291.14	37.3	151.5		10,846	44,114		2,169	882

Т10	S R08W S10) ТуСС		20,00		Project Acres	:	LO	20.	TER 00							Pago Date Time	1/	1 10/20 49:4:	20
		%						Pero	ent of	Net B	oard Fo	oot Volu	me				Aver	age Lo	g	Logs
	S So Gr	Net	Bd. F	t, per Acre	е	Total		L	og Sc	ale Dia			Log L	ength		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF	DO2M	57	1.6	23,943	23,567		471			50	50	0	1	5	93	39	15	360	2.06	65.
DF	DO3M	37	4.4	15,616	14,934		299		83	1	17	0	2	21	76	37	8	105	0.79	141.
DF	DO4M	5	6.3	2,190	2,052		41	9	86	4	2	38	30	9	24	24	6	32	0.43	64.
DF	DOSM	1	3.1	408	396		. 8	<u> </u>		100				100		32	16	310	1.97	1.
DF	Totals	93	2.9	42,157	40,950		819	0	34	30	35	2	3	12	83	34	9	150	1.08	272.
RA	DOCR	100	12.5	846	740		15		100			14	86			23	9	70	0.93	10.
RA	Totals	2	12.5	846	740		15		100		·	14	86			23	9	70	0.93	10.
ВМ	DOCR	100	16.5	364	304		6		40	60		21	79			20	8	51	0.86	6.
вм	Totals	1	16,5	364	304		6		40	60		21	79			20	8	51	0.86	6.
			······································																	•
DFW	DO2M	25	10.4	598	535		11				100				100	40		3357	- 1	
DFW	DO3M	69	28.1	2,048	1,472		29	2		20	100	22	2		100		30	1270	7.60	1.
DFW	DO4M	6		113	113		2	3	8	22	68	33	3		64	33	12	241	2.19	
DFW	Totals	5	23.1	2,758	2,120		42	0	0	1	98	2	0		98	38	27	1187	7.20	1
Totals			4.4	46,125	44.114		882	0	34	29	37	3	5	11	81	33	9	152	1,12	291.

								Acr	cs		20	.00					Time	7:	49:47 <i>A</i>	M
	s	So G				De	f Net	%			Net Vol	ume by	Scaling	g Dian	neter in l	Inches				
Spp	T	rt de	e	Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		DO :	2M	16	2			2 .3							2					
DF		DO :	2M	30	6			6 .7						6						
DF		DO 2	2M	32	19	:	5.8 1	8 2.2						9						9
DF		DO 2	2M	34	7			7 .8						7						
DF		DO :	2M	36	11		1.6	1 1.3						11						
DF		DO 3	2M	40	434		1.4 42	8 52.3			ĺ			98	74	136	55	26	28	11
DF	Ì	DO :	3M	16	0			0 .1					0							
DF		DO :	3M	22	5			5 .6					5							
DF		DO :	3M	24	1			1 .1				1								
DF		DO 3	3M	30	1			1 .1			1		f							
DF		DO 3	3M	32	67	2	4.6 6	4 7.8			22	25	10			1				6
DF		DO 3	3M	36	30		1.5 2	9 3.6			7	12	10							
DF		DO :	3M	38	2		:	2 .3			2									
DF		DO 3	3M	40	206	4	4.9 19	6 23.9			51	17	84			6	6	13	20	
DF		DO 4	4M	16	7			7 .9		2	5	1								
DF		DO 4	4M	20	8	2	2,3	8 1.0		2	3	2			0	1				
DF		DO 4	4M	24	10]	1.1 10	1.2			8	1				1				
DF		DO 4	4M	30	2		2	2 .3			2									
DF		DO 4	₽M	32	4	20	0.0	4 .4			4									
DF		DO 4	ŧМ	36	7		•	7 .8			7									
DF		DO 4	4M	38	5	33	3.3	.4			3									
DF	Ī	DO S	SM	32	8	3	3.1	3 1.0								8				
DF		То	tals		843	2.	.9 819	92.8		4	115	57	109	130	77	153	61	39	48	26
RA		DO 0	CR	16	3	33	3,3	2 14.3			2									
RA		DO 0	CR	30	14	7	7.7 13	85.7		,			13							
RA		То	tals		17	12.	.5 1:	5 1.7			2		13							
ВМ	1	DO 0	CR	16	2	33	3,3	20.9			1									
BM		DO 0	CR	24	5	10	0.5	79.1			1			4						
ВМ		То	tals		7	16.	.5 (5 .7			2			4						
DFW		DO 2	2M	40	12	10	0.4 1	25.3										-		11
DFW		DO 3	3M	36	1	59	9.5	.8								0				
DFW		DO 3	3M	40	40	27	7.5 29	68.6									1	6	22	
DFW		DO 4	łМ	20	1			1.8										1		
DFW		DO 4	łМ	24	0		(.1		0										

TC PLO	OGSTVB				Log	Stock	Table	- MB	F								
T10S R	R08W S10 TyCC	20	.00		Proj Acre		LOS	STSTE 20	R .00		•			Page Date Time	1/1	2 .0/2020 49:47	
S Spp T	So Gr Log rt de Len	E .	Def %	Net MBF	% Spc	2-3	1 4-5	Net Vol	<u>1me by</u> 8-9	Scalin 10-11		14-15		20-23	24-29	30-39	40+
DFW	DO 4M 40	1		1	3.4			0				0	1				
DFW	Totals	55	23.1	42	4.8		0	0				0	1	1	6	22	11
Total	All Species	922	4.4	882	100.0		4	120	57	122	134	77	154	62	45	70	37

TC PST	TATS				OJECT OJECT		STICS STSTER			PAGE DATE	1 10/30/2019
ГWР	RGE	SC TRACT		TYPE		AC	RES	PLOTS	TREES	CuFt	BdFt
108	08	10 A2		CC			28.00	22	95	1	W
					TREES		ESTIMATED TOTAL		PERCENT SAMPLE		
		PLOTS	TREES		PER PLOT		TREES		TREES		
TOTA	AL.	22	95		4.3						
CRUI	SE	12	51		4.3		2,877		1.8		
	COUNT										
COU	DREST	10	38		3,8						
BLA		10	36		5,0						
100 %											
				STA	ND SUMM	IARY					
		SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DF		42	77.6	18.2	79	32.8	140.0	22,509	22,105	5,911	5,911
R AL		6	20.5	15.6	37	6.9	27,3	1,284	1,127	578	578
	APLE	2	4.2	12.5	26	1.0	3,6	199	199	70	70
TOTA	MLOCK at	1 51	.4 102.8	28.0 17.6	79 68	0.3 41.2	1.8 <i>172.7</i>	264 24,256	247 23,678	62 6,621	62 6,621
1012	*15		102.0	17.0	- 00	71.2	172.7	24,230	23,070	0,021	0,021
CON		E LIMITS OF THE 3,1 TIMES OUT		VOLUME '	WILL BE V	IT NIHTIW	HE SAMPLE E	RROR			
CL	68.1	COEFF			SAMPL	E TREES -	BF	#	OF TREES RI	EQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	L	OW	AVG	HIGH		5	10	15
DF		59.4	9.2		317	350	382				
T3 4 2 3	DCD		11 1		40	5.5	61				
R ALI BL M		25,1 28,3	11,2 26,5		49 37	55 50	61 63				
BL M	DER APLE MLOCK	25,1 28.3	11.2 26.5								
BL M	APLE MLOCK							· · · · · · · · · · · · · · · · · · ·	205	51	23
BL M WHE	APLE MLOCK	28.3	26.5		37 277	50	63 339	#	205 OF TREES RI		23 INF. POP.
BL M WHEI TOTA CL SD:	APLE MLOCK AL	28.3 71.7 COEFF VAR.%	26.5 10.0 S.E.%	Le	37 277 SAMPLI OW	50 308 E TREES - AVG	63 339 CF HIGH	#			23 INF. POP. 15
BL M WHEI TOTA CL SD: DF	APLE MLOCK AL 68.1 1.0	28.3 71.7 COEFF VAR.% 46.6	26.5 10.0 S.E.%	La	37 277 SAMPLI OW 84	50 308 E TREES - AVG 91	63 339 CF HIGH	#	OF TREES RI	EQ.	INF. POP.
BL M WHEI TOTA CL SD: DF R ALI	APLE MLOCK AL 68.1 1.0 DER	28.3 71.7 COEFF VAR.% 46.6 21.9	26.5 10.0 S.E.% 7.2 9.8	Lo	37 277 SAMPLI OW 84 26	50 308 E TREES - AVG 91 29	63 339 CF HIGH 97 32	#	OF TREES RI	EQ.	INF. POP.
BL M WHEI TOTA CL SD: DF R ALI BL M	APLE MLOCK AL 68.1 1.0 DER	28.3 71.7 COEFF VAR.% 46.6	26.5 10.0 S.E.%	L	37 277 SAMPLI OW 84	50 308 E TREES - AVG 91	63 339 CF HIGH	#	OF TREES RI	EQ.	INF. POP.
BL M WHEI TOTA CL SD: DF R ALI BL M	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK	28.3 71.7 COEFF VAR.% 46.6 21.9	26.5 10.0 S.E.% 7.2 9.8	L	37 277 SAMPLI OW 84 26	50 308 E TREES - AVG 91 29	63 339 CF HIGH 97 32	#	OF TREES RI	EQ.	INF. POP.
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7	26.5 10.0 S.E.% 7.2 9.8 46.5	L	37 277 SAMPLI OW 84 26 10	50 308 E TREES - AVG 91 29 19	63 339 CF HIGH 97 32 27		OF TREES RI 5	EQ. 10	INF. POP.
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3	26.5 10.0 S.E.% 7.2 9.8 46.5		37 277 SAMPLI OW 84 26 10 75	50 308 E TREES - AVG 91 29 19	63 339 CF HIGH 97 32 27		OF TREES RI	EQ. 10	INF. POP. 15
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF	26.5 10.0 S.E.% 7.2 9.8 46.5		37 277 SAMPLI OW 84 26 10 75 TREES/A	50 308 E TREES - AVG 91 29 19 82 ACRE	63 339 CF HIGH 97 32 27 88		OF TREES RI 5 126 OF PLOTS RI	32 BQ.	INF. POP. 15 14 INF. POP.
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD: DF R ALI	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7		37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20	63 339 CF HIGH 97 32 27 88 HIGH		OF TREES RI 5 126 OF PLOTS RI	32 BQ.	INF. POP. 15
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD: DF R ALI BL M	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0		37 277 SAMPLI OW 84 26 10 75 TREES/A	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7		OF TREES RI 5 126 OF PLOTS RI	32 BQ.	INF. POP. 15
BL M WHEI TOTAL CL SD: DF R ALI BL M WHEI	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL MLOCK	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2		37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 0	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1		OF TREES RI 5 126 OF PLOTS RI 5	32 BQ. 10	INF. POP. 15 14 INF. POP. 15
BL M WHEIT TOTAL	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL AL MLOCK AL AL	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0		37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 0 103	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114	#	OF TREES RI 5 126 OF PLOTS RI 5	32 32 39 30 32 32 32 32 32 32 32 32	INF. POP. 14 INF. POP. 13
BL M WHEET TOTAL	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 6 103 AREA/AC	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI	32 32 BQ. 10	INF. POP. 14 INF. POP. 13 INF. POP.
BL M WHEEL TOTAL CL SD: DF R ALL BL M WHEEL TOTAL CL SD: C	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL AL MLOCK AL AL	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.%	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.%	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 0 103 AREA/AC	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH	#	OF TREES RI 5 126 OF PLOTS RI 5	32 32 39 30 32 32 32 32 32 32 32 32	INF. POP. 14 INF. POP. 13 INF. POP.
BL M WHEET TOTAL	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 1.0 68.1 1.0	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 6 103 AREA/AC	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI	32 32 BQ. 10	INF. POP. 14 INF. POP. 13 INF. POP.
BL M WHEI TOTA CL SD: DF R ALL BL M WHEI TOTA CL SD: DF R ALL BL M WHEI TOTA CL SD: DF TOTA	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 0 103 AREA/AC AVG	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI	32 32 BQ. 10	INF. POP. 14 INF. POP. 13 INF. POP.
BL M WHEI TOTA CL SD: DF R ALL BL M WHEI TOTA CL SD: DF R ALL BL M CL SD: DF R ALL BL M HER TOTA	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0 165.6 323.7 469.0	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3 36.1 70.6 102.2	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124 17 1	50 308 ETREES AVG 91 29 19 82 ACRE AVG 78 20 4 0 103 AREA/AC AVG 140 27 4 2	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156 37 6 4	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI 5	32 6Q. 10 28 6Q.	INF. POP. 15 14 INF. POP. 15 13 INF. POP. 15
BL M WHEI TOTA CL SD: DF R ALLI BL M WHEI TOTA CL SD: DF R ALLI BL M CL SD: DF R ALLI BL M BL M BL M	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0 165.6 323.7	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3 36.1 70.6	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124 17	50 308 ETREES - AVG 91 29 19 82 ACRE AVG 78 20 4 0 103 AREA/AC AVG 140 27 4	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156 37 6	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI	32 32 BQ. 10	INF. POP. 15 14 INF. POP. 15 13 INF. POP. 15
BL M WHEI TOTA CL SD: DF R ALLI BL M WHEI TOTA CL SD: DF R ALLI BL M WHEI TOTA	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0 165.6 323.7 469.0	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3 36.1 70.6 102.2	L	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124 17 1	50 308 ETREES AVG 91 29 19 82 ACRE AVG 78 20 4 0 103 AREA/AC AVG 140 27 4 2 173	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156 37 6 4	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI 5 56 OF PLOTS RI	32 32 30 30 30 30 10 14	115 115 115 115 115 115 115 115 115 115
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD:	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0 165.6 323.7 469.0 36.7 COEFF VAR.%	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3 36.1 70.6 102.2 8.0 S.E.%	Lo	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124 17 1 159 NET BF/OW	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 6 103 AREA/AC AVG 140 27 4 2 173 ACRE AVG	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156 37 6 4 187	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI 5	32 32 30 30 30 10	INF. POP. 14 INF. POP. 15 13 INF. POP. 15
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD: DF CL SD: DF CL SD: DF R ALI BL M WHEI TOTA	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1 1.0	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0 165.6 323.7 469.0 36.7 COEFF VAR.% 54.2	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3 36.1 70.6 102.2 8.0 S.E.% 11.8	Lo	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124 17 1 159 NET BF/OW 9,493	50 308 ETREES - AVG 91 29 19 82 ACRE AVG 78 20 4 0 103 AREA/AC AVG 140 27 4 2 173 ACRE AVG 22,105	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156 37 6 4 187	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI 5 56 OF PLOTS RI	32 32 30 30 30 30 10 14	115 115 115 115 115 115 115 115 115 115
BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD: DF R ALI BL M WHEI TOTA CL SD:	APLE MLOCK AL 68.1 1.0 DER APLE MLOCK AL 68.1	28.3 71.7 COEFF VAR.% 46.6 21.9 49.7 56.3 COEFF VAR.% 60.6 173.1 339.4 469.0 52.0 COEFF VAR.% 52.0 165.6 323.7 469.0 36.7 COEFF VAR.%	26.5 10.0 S.E.% 7.2 9.8 46.5 7.9 S.E.% 13.2 37.7 74.0 102.2 11.3 S.E.% 11.3 36.1 70.6 102.2 8.0 S.E.%	Lo	37 277 SAMPLI OW 84 26 10 75 TREES/A OW 67 13 1 91 BASAL A OW 124 17 1 159 NET BF/OW	50 308 E TREES - AVG 91 29 19 82 ACRE AVG 78 20 4 6 103 AREA/AC AVG 140 27 4 2 173 ACRE AVG	63 339 CF HIGH 97 32 27 88 HIGH 88 28 7 1 114 RE HIGH 156 37 6 4 187	#	OF TREES RI 5 126 OF PLOTS RI 5 113 OF PLOTS RI 5 56 OF PLOTS RI	32 32 30 30 30 30 10 14	115 115 115 115 115 115 115 115 115 115

TC PST	ATS				PROJECT PROJECT		STICS STSTER			PAGE DATE	2 10/30/2019
TWP	RGE	SC	TRACT	TYI	PE	A	CRES	PLOTS	TREES	CuFt	
108	80	10	A2	CC			28.00	22	95	1	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOT	S REQ.	INF. POP.
SD:	1.00		VAR,	S.E.%	LOW	AVG	HIGH		5	10	15
тота	A)L		45.8	10.0	21,316	23,678	26,039		88	22	10
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS R	EQ.	INF. POP.
SD;	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DF			52.5	11.4	5,235	5,911	6,587				
R ALI	DER		168.3	36.7	366	578	790				
BL M	APLE		324.2	70.7	21	70	120				
WHE	MLOCK		469.0	102.2		62	126				
TOTA	M.		40.3	8.8	6.040	6,621	7,202		68	17	8

TC	PSTNDSQ	JM				1	Stand '	Table S	ummary				Page Date:	1 10/30/2	2019
T10S	R08W S1	0 туСС		28	.00.		Projec Acres	t L	OSTSTE.				Time: Grown Year:	3: 06:4	5PM
S Spc T		Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Net Cu.Ft.	Log Net Bd.Ft,	Tons/ Acre	Net Cu.Ft. Aere	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
DF DF	12 13	1 2	82 86	72 67	4.244 7.233	3,33 6.67	8,49 7.23	9,5 23,0	30,0 55,0		81 166	255 398		23 47	11
DF DF DF	14 15 16	1 3 3	91 87 87	90 97	3.118 8.149 7.162	3.33 10.00 10.00	6.24 16.30 14.32	19.5 21.8 26,5	70.0 81.7 91.7		122 356 380	437 1,331 1,313		34 100 106	37
DF DF	17 18	2	89 86	107 106	4.229 3.773	6.67 6.67	8.46 7,55	33.0 36.5	120.0 125.0		279 275	1,015 943		78 77	28 26
DF DF DF	19 20 21	7 8 5	87 86 86	117 116 120	11.851 12.223 6.929	23.33 26.67 16.67	32.17 35.14 20.79	31.4 33.9 37.1	118.4 120.9 141.3		1,011 1,190 772	3,809 4,248 2,938		283 333 216	119
DF DF	22 23	1 4	90 87	119 122	1.263 4.621	3.33 13,33	3.79 13.86	40.7 45.3	166.7 185.0		154 627	631 2,565		43 176	18 72
DF DF DF	24 25 28	1 1	82 90 91	112 137 139	1.061 .978 .780	3.33 3.33 3.33	2.12 2.93 2.34	65.0 60,7 78.0	230.0 270.0 403.3		138 178 182	488 792 943		39 50 51	14 22 26
DF	Totals	42	87	104	77.613	140.00	181.72	32.5	121.6		5,911	22,105		1,655	619
RA RA RA RA	14 15 16 19	1 2 2 1	86 87 86 86	54 51 49 50	4.252 7.408 6.511 2.309	4,55 9,09 9,09 4,55	4.25 7.41 6.51 2.31	24.0 26.0 29.0 41.0	60.0 55.0 50.0 60.0		102 193 189 95	255 407 326 139		29 54 53 27	7 11 9 4
RA	Totals	6	86	51	20.479	27,27	20.48	28,2	55.0		578	1,127		162	32
WH	28	1	86	90	.425	1.82	1.28	48.7	193.3		62	247		17	7
WH	Totals	1	86	90	.425	1,82	1.28	48.7	193.3		62	247		17	7
BM BM	11 15	I 1	86 86	45 47	2,755 1.482	1.82 1.82	2,76 1.48	12.0 25.0	40.0 60.0		33 37	110 89		9 10	3 2
BM	Totals	2	86	46	4,237	3,64	4.24	16.5	47.0		70	199		20	6
Totais		51	87	91	102.754	172,73	207,72	31.9	114.0		6,621	23,678		1,854	663

TC	PSPCSTGR		S	pecies, S	ort Gra	ide - Boa	rd F	oot V	olum	es (Pı	oject)								
T1	0S R08W S10 T	ycc		28.00		Project Acres	:	LO	28.								Page Date Time		1 1/30/20 :06:44	019
		%				1		Perc	ent of l	Net Boa	rd Foot	Volume				Γ	Avera	ige Lo	9	Logs
	S So Gr	Net	Bd. Ft	. per Acre		Total			Log Sc	ale Dia.			Log I	ength		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Fŧ	Lf	/Acre
DF	DO 2M	57	1.7	12,967	TOTAL 1.5 O 11 12-10 17: 12-20 21-30 31-35 30-35											39	14	272	1.70	46.8
DF	DO 3M	35	1.4	7,901	7,794		218		97	3				14	86	38	9	105	0.80	74.1
DF	DO 4M	8	4.4	1,641	1,569		44	39	61			55	26	10	9	21	6	26	0.43	60.9
DF	Totals	93	1.8	22,509	22,105		619	3	39	52	7	4	4	6	87	32	9	122	1,00	181.7
ВМ	DO CR	100		199	199		6		100				55	45		27	7	47	0,60	4.2
вм	Totals	t		199	199		6		100				55	45		27	7	47	0,60	4.2
RA	ĐO CR	100	12.3	1,284	1,127		32		100					9	91	36	7	55	0.77	20,5
RA	Totals	5	12.3	1,284	1,127		32		100					9	91	36	7	55	0.77	20,5
WH WH WH	DO 2M DO 3M DO 4M	65 31 4	9.5	179 77 9	162 77 9		5 2 0		100	100	100	100			100	l	22 12 6	380 180 20	3.80 1.69 0.56	.4 .4 .4
	Totals	1	6.5	264	247		7		3	31	66	69			31	24			2.03	1,3
Tota			2.4	24,256	23,678		663	3	42	49	7	4	4	6	86	33	9	114	0.97	207.7

TC PLO	OGSTVE						Log	Stock T	able -	MBF									
T10S R	08W S1	0 Ту	cc	28	3.00		Proje Acre		Los	TSTER 28	.00	-				Page Date Time		1 30/2019)6:43PN	
s	Se C		Leg	Gross	Def	Net	%		Ī	et Volu	ne by S	caling D	iamete	r in Inch	es				
Spp 1			Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11		14-15	16-19	20-23	24-29	30-39	40+·
DF	DO	2M	29	11		11	1.7								11				
DF	DO	2M	36	31		31	5.0						31						
DF	DO	2M	40	322	2.0	315	50.9						146	100	53	17			
DF	DO	3М	32	31	2.8	30	4.8			8	22								
DF	DO	3M	36	40		40	6.4				29	11							
DF	DO	3M	40	151	1.4	149	24.0			24	57	62	7						
DF	DO	4M	12	4		4	.6				4								
DF	DO	4M	16	16		16	2.6		7	8									
DF	DO	4M	20	5		5	.7		1	4									
DF	DO	4M	24	8		8	1,3		1	2	3	2							
DF	DO	4M	30	4		4	.6		4										
DF	DO	4M	32	4		4	.7		4										
DF	DO	4M	40	6	33.3	4	.7			4									
DF	Т	otals		630	1.8	619	93.4		17	50	115	74	183	100	63	17			
ВМ	DO	CR	24	3		3	55,4			3									
вм	DO	CR.	34	2		2	44.6			2									
вм	Т	otals		6		6	.8			6									
RA	DO	CR	32	5	50.0	3	8.7			3									
RA	DO	CR	36	20	5.3	19	58.8			19									
RA	DO	CR	40	11	5.9	10	32.5			10									
RA	Т	otals		36	12.3	32	4.8			32									
WH	DO	2M	20	5	9.5	5	65,5									5			
WH	DO	3М	36	2		2	31.0						2						
WH	DO	4M	16	0		0	3.4			0									
WH	Т	otals		7	6.5	7	1.0			0			2			5			
Total	All S	necies		679	2.4	663	100.0		17	87	115	74	185	100	63	21			

10 15	TATS					DJECT DJECT	STATIS LOS	STICS TSTER			PAGE DATE	1 11/5/2019
гwр	RGE	SC	TRACT	7	TYPE		AC	RES	PLOTS	TREES	CuFt	BdFt
108	08	10	A3	(OMV			1.00	2	29	1	W
			•			TREES		ESTIMATED TOTAL		ERCENT AMPLE		***
		PI	OTS	TREES	P	PER PLOT		TREES		TREES		
TOT.	`AL		2	29		14.5						
CRU	JISE		2	29		14.5		116		25.0		
	I COUNT											
	OREST											
COU BLA												
100 9												
					STAN	D SUMM	ARY					
			APLE REES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DF			29	116.0	13.4	52	31.1	114.0	11,840	11,600	3,408	3,408
TOT	AL		29	116.0	13.4	52	31.1	114.0	11,840	11,600	3,408	3,408
CL	68.1		COEFF				TREES -		#	OF TREES RI	•	INF. POP.
SD;	1.0		VAR.% 40.9	S.E.% 7.7	LO	W 92	AVG 100	HIGH 108		5	10	1:
DF TOT.	AL		40.9	7.7		92		106				
				, , ,			100	108		69	17	d
CL	68.1		COEFF			-	TREES -		#	<i>69</i> OF TREES RI		INF. POP.
CL SD:	68.1 1.0		COEFF VAR.%	S.E.%	LO	SAMPLE			#			INF. POP.
SD; DF	1.0		VAR.% 39.2	S.E.% 7.4	LO	SAMPLE W 27	E TREES - AVG 29	CF HIGH 32	#	OF TREES RI	EQ. 10	INF. POP.
SD:	1.0		VAR.% 39.2 39.2	S.E.%		SAMPLE W 27 27	E TREES - AVG 29 29	CF HIGH		OF TREES RI 5 64	EQ. 10 16	INF. POP.
SD; DF TOT.	1.0 AL 68.1		39.2 39.2 COEFF	S.E.% 7.4 7.4		SAMPLE W 27 27 TREES/A	E TREES - AVG 29 29 29	CF HIGH 32 32		OF TREES RI 5 64 OF PLOTS RI	EQ. 10 16 EQ.	INF. POP.
SD: DF TOT. CL SD:	1.0 AL		VAR.% 39.2 39.2 COEFF VAR.%	S.E.% 7.4 7.4 S.E.%		SAMPLE W 27 27 TREES/A W	E TREES - AVG 29 29 29 ACRE AVG	CF HIGH 32 32 HIGH		OF TREES RI 5 64	EQ. 10 16	INF. POP.
SD; DF TOT.	1,0 AL 68.1 1.0		39.2 39.2 COEFF	S.E.% 7.4 7.4		SAMPLE W 27 27 TREES/A	E TREES - AVG 29 29 29	CF HIGH 32 32		OF TREES RI 5 64 OF PLOTS RI	EQ. 10 16 EQ.	INF. POP.
SD: DF TOT: CL SD: DF	1.0 AL 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9	S.E.% 7.4 7.4 8.E.% 77.6		SAMPLE W 27 27 TREES/A W 26 26	E TREES - AVG 29 29 ACRE AVG 116	CF HIGH 32 32 32 HIGH 206 206	#	OF TREES RI 5 64 OF PLOTS RI 5	EQ. 16 EQ. 10 121	INF. POP.
SD: DF TOT: SD: DF TOT:	1.0 AL 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9	S.E.% 7.4 7.4 S.E.% 77.6 77.6 S.E.%		SAMPLE W 27 27 TREES/A W 26 26 26 BASAL	29 29 29 ACRE AVG 116 116 AREA/ACI	CF HIGH 32 32 32 HIGH 206 206 206 RE HIGH	#	OF TREES RI 5 64 OF PLOTS RI 5 482	EQ. 16 EQ. 10 121	INF. POP. INF. POP. 1: 5: INF. POP.
SD: DF TOT: DF TOT: CL SD: DF TOT: CL SD: DF	1.0 68.1 1.0 AL 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3	S.E.% 7.4 7.4 S.E.% 77.6 77.6 S.E.% 84.6	LO	SAMPLE W 27 27 TREES// W 26 26 BASAL / W	29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114	CF HIGH 32 32 32 HIGH 206 206 206 RE HIGH 211	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5	EQ. 16 EQ. 10 121 EQ. 10	INF. POP. INF. POP. INF. POP. INF. POP.
SD: DF TOT: SD: DF TOT: CL SD: CL SD:	1.0 68.1 1.0 7AL 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3 90.3	S.E.% 7.4 7.4 S.E.% 77.6 77.6 S.E.%	LO	SAMPLE W 27 27 TREES/A W 26 26 BASAL A W 18 18	29 29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114	CF HIGH 32 32 32 HIGH 206 206 206 RE HIGH	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5 572	EQ. 16 EQ. 10 121 EQ. 10 121 EQ. 10 143	INF. POP. 1: INF. POP. 1: 5: INF. POP. 1: 6:
SD: DF TOT. CL SD: DF TOT. CL SD: CL SCL SD: CL SCL SD: CL SD: CL	1.0 68.1 1.0 7AL 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3 90.3 COEFF	S.E.% 7.4 7.4 S.E.% 77.6 77.6 84.6 84.6	LO	SAMPLE W 27 27 TREES/A W 26 26 BASAL A W 18 18 18	29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114 114	CF HIGH 32 32 32 HIGH 206 206 RE HIGH 211 211	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5 572 OF PLOTS RI	EQ. 16 EQ. 10 121 EQ. 10 123 EQ. 10 143	INF. POP. 1: INF. POP. 1: 5- INF. POP. 1: 6- INF. POP.
SD: DF TOT. CL SD: DF TOT. CL SD: CL SD: CL SD:	1.0 68.1 1.0 7AL 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3 90.3 COEFF VAR.%	S.E.% 7.4 7.4 S.E.% 77.6 77.6 84.6 84.6 S.E.% S.E.%	LO	SAMPLE W 27 27 TREES// W 26 26 BASAL / W 18 /8 NET BF/	29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114 114 ACRE AVG	CF HIGH 32 32 32 HIGH 206 206 RE HIGH 211 211	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5 572	EQ. 16 EQ. 10 121 EQ. 10 121 EQ. 10 143	INF. POP. 1: INF. POP. 1: 5: INF. POP. 1: 6:
SD: DF TOT. CL SD: DF TOT. CL SD: CL SCL SD: CL SCL SD: CL SD: CL	1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3 90.3 COEFF	S.E.% 7.4 7.4 S.E.% 77.6 77.6 84.6 84.6	LO LO	SAMPLE W 27 27 TREES// W 26 26 BASAL / W 18 /8 NET BF/	29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114 114	CF HIGH 32 32 32 HIGH 206 206 RE HIGH 211 211	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5 572 OF PLOTS RI	EQ. 16 EQ. 10 121 EQ. 10 123 EQ. 10 143	INF. POP. 1: INF. POP. 1: 5- INF. POP. 1: 6- INF. POP.
SD; DF TOT. CL SD: DF TOT. CL SD: DF TOT. CL SD: DF TOT. CL SD:	1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3 90.3 COEFF VAR.% 95.6	S.E.% 7.4 7.4 S.E.% 77.6 77.6 84.6 84.6 S.E.% 89,5	LO LO	SAMPLE W 27 27 TREES/A W 26 26 BASAL A W 18 18 NET BF/A W 1,218	29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114 114 ACRE AVG 11,600	CF HIGH 32 32 32 HIGH 206 206 RE HIGH 211 211 HIGH 21,982 21,982	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5 572 OF PLOTS RI 5	EQ. 10 16 EQ. 10 121 EQ. 10 143 EQ. 10 143	INF. POP. 1: INF. POP. 1: 5- INF. POP. 1: 6- INF. POP.
SD: DF TOT: CL SD: DF TOT: CL SD: DF TOT: CL SD: DF TOT: CL SD: DF	1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0		VAR.% 39.2 39.2 COEFF VAR.% 82.9 82.9 COEFF VAR.% 90.3 90.3 COEFF VAR.% 95.6 95.6	S.E.% 7.4 7.4 S.E.% 77.6 77.6 84.6 84.6 S.E.% 89,5	LO LO	SAMPLE W 27 27 TREES/A W 26 26 BASAL A W 18 18 18 NET BF/A W 1,218 1,218	29 29 29 ACRE AVG 116 116 AREA/ACI AVG 114 114 ACRE AVG 11,600	CF HIGH 32 32 32 HIGH 206 206 RE HIGH 211 211 HIGH 21,982 21,982	#	OF TREES RI 5 64 OF PLOTS RI 5 482 OF PLOTS RI 5 572 OF PLOTS RI 5 641	EQ. 10 16 EQ. 10 121 EQ. 10 143 EQ. 10 143	INF. POP. 1: INF. POP. 1: 52 INF. POP. 1: 64 INF. POP. 1: 7.
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тс	PSTNDSU	JM				Ş	Stand '	Cable Si	ummary				Page Date:	1 11/5/	2019	
TIOS	R08W S1	0 ту00М∨		1.	00		Project Acres	t <u>L</u>	OSTSTE				Time: Grown Year:		:58AM	ĺ
S Spc T	рвн	Sample Trees	FF 16¹	Tot Av Ht	Trees/ Acre	RA/ Acre	Logs Acre	Average Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	мві	3
DF	10	3	87	82	12.000	6.54	12.00	14.7	56.7		176	680			2	1
DF	11	3	88	81	12,000	7.92	16.00	12.5	45.0		200	720			2	1
DF	12	6	86	76	24.000	18.85	32.00	15.8	53,8		504	1,720			5	2
DF	13	3	86	78	12.000	11.06	20.00	15.8	50.0		316	1,000			3	1
DF	14	5	86	82	20.000	21,38	40.00	16.6	53.0		664	2,120			7	2
DF	15	4	86	81	16.000	19.63	32.00	18,5	62.5		592	2,000			6	2
DF	16	4	86	90	16,000	22.34	32.00	24.0	86.3		768	2,760			8	3
DF	17	1	92	69	4.000	6,30	8.00	23.5	75.0		188	600			2	1
DF	Totals	29	87	81	116.000	114.04	192.00	17.8	60.4		3,408	11,600			34	12
Totals		29	87	81	116,000	114.04	192.00	17.8	60.4	,	3,408	11,600			34	12

TC	PSPCSTGR		Sì	oecies, S	ort Gra	ide - Boai	rd F	oot Vo	lum	es (Pr	oject)								
TI	0S R08W S10 T	y00MV	_	1.00		Project: Acres		LOS	STST 1.0								Page Date Time		1 /5/20 :14:57	19
		%						Perce	nt of N	let Boa	d Foot	Volume					Aven	age Lo	g	Logs
	S So Gr	Net	Bd, Ft,	per Acre		Total		L	og Sca	le Dia.			Log	Length		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF	DO CU													·		13	6		0.00	4.0
DF	DO 3M	86	2,3	10,280	10,040		10		100					52	48	36	8	81	0,66	124.0
DF	DO 4M	14		1,560	1,560		2		100			74	26			19	6	23	0.38	68.0
DF	Totals	100	2,0	11,840	11,600		12		100			10	3	45	42	29	7	59	0.59	196.0
Total	is		2.0	11,840	11,600		12		100			10	3	45	42	29	7	59	0.59	196.0

TC	PLO	GSTVI	3						Log	Stock	Table -	MBF								
T10	S RO	98W Si	10 Ту	00MV		1,0	0		Proje Acre		LOS	STSTE	R 1.00				Page Date Time	11/	1 5/2019 14:56A	
	s	So C	Fr	Log	Gross	I)ef	Net	%		I	Net Vol	ıme by S	Scaling Diamet	er in Incl	ıes	ı		1	
Spp	Т	rt d	le	Len	MBF		%	MBF	Spc	2-3	4-5	6-7	8-9	10-11 12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		DO	3M	32		5	3.7	5	44.8			1	2	2						
DF		DO	3M	36		0	16.7	(1.7			0								
DF		DO	3М	40		5		5	40.0			2	1	1						
DF		DO	4M	16		1		1	5.5			1						÷		
DF		DO	4M	18		0		(2.4			0								
DF		DO	4M	20		0		(2.1			0								
DF		DO	4M	24		0		(1.0			0								
DF		DO	4M	26		0		(2.4			0								
DF		7	Cotals			12	2.0	12	100.0			5	4	3						
Total		All S	pecies	s		12	2.0	12	100.0				4	3						



Sale Number

Oregon Department of Forestry OPERATIONAL PERIODS and SEASONAL RESTRICTIONS

ODF/State Forests
Operational Periods and Seasonal Restriction
WALT Sys Gen Report 2014
Page 1 of 1

West Oregon NWOA

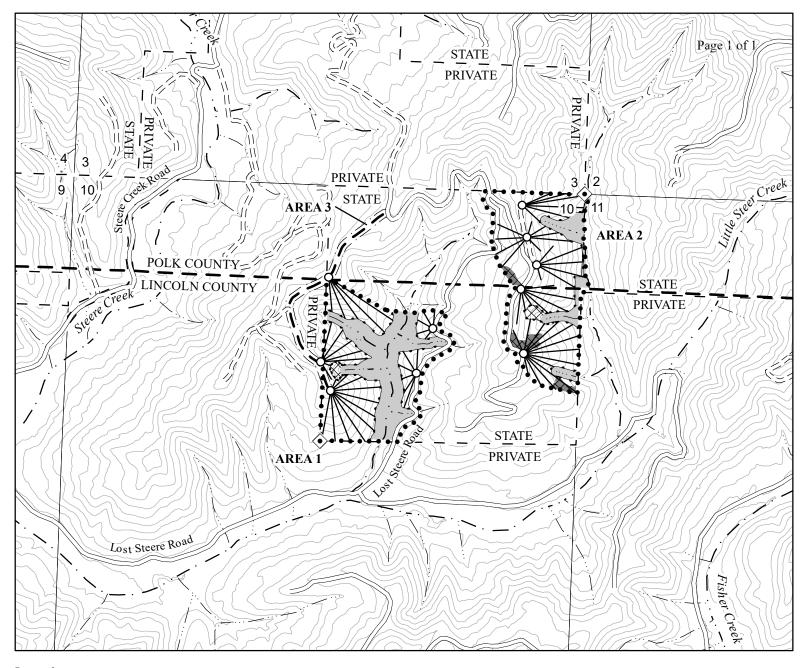
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		Project		
		Units	1, 2, 3	1, 2, 3
100777-01		Comments		
WO-341-2020-W00777-01		Harvesting	Ground yarding	Felling - Complete all Felling by

Date		
ာ့	15	
Dec	7	
Nov	15	
<u> </u>	1	
Oct	15	
	15 1	
Sep	1	
<u>6</u>	15	
Aug	-	
=	15	
Jul	-	
Jun	15	
	15 1	
Мау	1	
	15	
Apr	_	
_	15	
Mar	1	
ą	15	
Feb	-	
Jan	15	
<u>~</u>	_	
	Project	
	Units	1, 2, 3
	Comments	
	Hauling	Log Hauling on Unsurfaced Roads

				Jan	Feb	Mar	Apr	Мау	May Jun	Jul	Aug		Sep Oct		Nov Dec	Dec		Date
Project Work	Comments	Units	Project	1 15	1 15	1 15	1 15	1 15	1 15	1	15 1	15 1	15 1	15	1 15	_	15	
Non-project roads and landings																		
Landing and Road Construction or Improvement Operations			1, 2															
Activity in Live Streams			2															

Activity Restricted 2 hours before sunset and 2 hours after sunrise Operation Restricted

Operation Allowed



Legend

Boundaries

• • • • • Timber Sale Boundary

County Line

Right of Way (Posted)

Roads

= Surfaced Road

Unsurfaced Road

New Construction

Streams

- · Type F Stream

Type N Stream

--- Posted Buffer Stream Buffer

Slope Buffer No Harvest Other

Cable Corridors

Landings

Land Survey Monument

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2020-W00777-01 LOST STEERE

PORTIONS OF SECTIONS 10 & 11, T10S, R08W, W.M., LINCOLN & POLK COUNTIES, OREGON

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

> Scale 1:12,000

2,000 1,000 0 1,000

	NET ACRES TRACTOR	NET ACRES CABLE
1 (CCM) 2 (CCM) 3 (RBC)	3	19 25 0
TOTAL	5	44



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