"8TEWA(IDSH1P IN FORESTRY"

Timber Sale Appraisal
Easy Wages
Sale AT-341-2025-W0 1180-01

District: Astoria

Date: January 02, 2025

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$2,195,040.73	$9,665.73	$2,204,706.46
		Project Work:	$0.00
		Advertised Value:	$2,204,706.46

Timber Sale Appraisal
Easy Wages
Sale AT-341-2025-W01180-01

"...sroYARDSHIP IN FORESTRY"

District: Astoria

Date: January 02, 2025

Timber Description

Location:

Stand Stocking: 80%

Specie Name	AvgDBH	Amortization(%)	Recovery(%)
Douglas - Fir	24	0	97
Western Hemlock/ Fir	20	0	95
Alder (Red)	21	0	95
Maple	17	0	95

Volume by Grade	2S	3S &4S 6"-11"	3S 12"+	SM & Better	Camprun	Total
Douglas - Fir	2,873	559	122	335	0	3,889
Western Hemlock / Fir	351	91	0	0	0	442
Alder (Red)	0	0	0	0	45	45
Maple	0	0	0	0	8	8
Total	3,224	650	122	335	53	4,384.

Comments: Pond Values Used: Local Pond Values, October, 2024.

Expected Log Markets: Clatskanie, Forest Grove, Mist, Sheridan, St. Helens, Noti, Tillamook, Warrenton, Wauna, Willamina, Elma, WA, Longview, WA, Vancouver, WA

PRICING:
Cedar stumpage = pond value - (Douglas-fir) logging cost.
$995.60/MBF = $1,200/MBF - $204.40/MBF

Spruce = pond value - (Douglas-fir) logging cost.
$295.60/MBF = $500/MBF - $204.40/MBF

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

Machine Washing for Invasive Weed Compliance = $2,000

Ditch Filters:
6 bales of straw @ $12.06/bale = $72.36
4 hours of labor (installation/removal) @ $50/hr = $200

Line-pulling:
5 acres @ 1 acre/day x $400 labor/day = $2,000

Total P&R Cost = $4,272.36

Other Costs (No Profit & Risk added): None

SLASH PILING
(See attached appraisal. Includes move-in and pile materials) = $8,415

ROAD MAINTENANCE
(See attached Road Maintenance Cost Summary Sheet)
TOTAL Road Maintenance: $12,644/4,384 MBF = $2.88/MBF

District: Astoria

Date: January 02, 2025

Logging Conditions

Combination#: 1	Douglas - Fir	100.00%
	Western Hemlock / Fir	100.00%
	Alder (Red)	100.00%
	Maple	100.00%

Logging System: Shovel **Process:** Feller Buncher

yarding distance: Long (1,500 ft) **downhill yarding:** No

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

loads / day: 18 **bd. ft/ load:** 5500

cost / mbf: $101.01

machines: Feller Buncher w/ Delimber

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Easy Wages
Sale AT-341-2025-W0 1180-01

District: Astoria **Date: January 02, 2025**

Logging Costs

Operating Seasons:	2.00	**Profit Risk:**	10%
Project Costs:	$0.00	**Other Costs (P/R):**	$4,272.36
Slash Disposal:	$8,415.00	**Other Costs:**	$0.00

Miles of Road

Road Maintenance: $2.88

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	3.0	5.5
Western Hemlock / Fir	$0.00	3.0	5.0
Alder (Red)	$0.00	2.0	4.5
Maple	$0.00	2.0	4.2

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Easy Wages
Sale AT-341-2025-W01180-01

District: Astoria **Date: January 02, 2025**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$101.01	$2.97	$2.00	$78.03	$0.97	$18.50	$1.92	$2.00	$0.00	$207.40
Western Hemlock/ Fir									
$101.01	$3.02	$2.00	$87.50	$0.97	$19.45	$1.92	$2.00	$0.00	$217.87
Alder (Red)									
$101.01	$3.02	$2.00	$145.83	$0.97	$25.28	$1.92	$2.00	$0.00	$282.03
Maple									
$101.01	$3.02	$2.00	$156.25	$0.97	$26.32	$1.92	$2.00	$0.00	$293.49

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$738.17	$530.77	$0.00
Western Hemlock/ Fir	$0.00	$513.97	$296.10	$0.00
Alder (Red)	$0.00	$485.00	$202.97	$0.00
Maple	$0.00	$360.00	$66.51	$0.00

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Easy Wages
Sale AT-341-2025-W01180-01

District: Astoria

Date: January 02, 2025

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	$0.00	$0.00
Western Hemlock/ 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	3,889	$530.77	$2,064,164.53
Western Hemlock / Fir	442	$296.10	$130,876.20
Alder (Red)	45	$202.97	$9,133.65
Maple	8	$66.51	$532.08

Gross Timber Sale Value

Recovery: $2,204,706.46

Prepared By: John Tillotson **Phone:** 503-325-5451

Road Maintenance Cost Summary (Interim and Post Harvest)

Sale: **Easy Wages** **MBF:** 4,384
Date: August 8, 2024 **$$/MBF:** $2.88
By: John Tillotson CB

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost	
Interim Operations	Grader 12G	$931	1	8	$88	$1,635	
Final Road Maintenance	Grader 12G	$931	1	16	$88	$2,339	
	Dump Truck 12CY	$205	2	16	$99	$1,994	
	Rubber Tire Backhoe	$401	1	4	$97	$789	
	Excavator C315	$1,005	1	8	$127	$2,021	
	Vibratory Roller	$972	1	16	$97	$2,524	
	Water Truck 2,500 gallon	$238	1	8	$113	$1,142	
	Labor			4	$50	$200	
Total							**$12,644**

Interim Operations Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	2.0	2.0	1.0	8
Vibratory Roller	2.0			

Final Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	1.5	3.0	2.0	16
Vibratory Roller	1.5	3.0	2.0	16

Process and Compact:

Wage Road = 1.09

Walker Ridge Road = 0.91

Unamed Spurs = 1.03

Total = 3.03

Site Prep Appraisal

Sale Number: AT-341-2025-W01180-01
Sale Name: Easy Wages
Date: 10/15/2024

Vegetation Type/Zone	Vegetation Type/Zone Code	Production Rate (hr/ac)	Estimated Piles/Acre	Landing Production Rate (hrs/30 acres)
Doug-fir	A	0.5	0.5	6
Hemlock/Fir	B	1.3	4.5	8
Hemlock/Spruce	C	1.8	6.0	10
Hemlock	D	1.8	6.0	8
Conifer/Hardwood	E	1.0	2.0	8
Whole Tree Yarding	F	0.5	0.5	12

Sale Area	Harvest Type	Veg Type/Zone	Ground Based Yarding Acres	Estimated Piling Hours/Area	Cost/Hour	Total Cost/Area	
1	MC	A	65	33	$145.00	$4,712.50	
				FALSE	$145.00	$0.00	
					In-unit Piling	**Sub Total =**	$4,712.50

Sale Area	Number of processor piles to be Piled	processer pile acres per area	Total Cost/Area	Number of In-Unit Piles	Material Cost/Pile	Total Cost/Area	
1	9	65	$1,885.00	41.5	$5.00	$207.50	
			FALSE	0	$5.00	$0.00	
*Cost includes separating firewood					Materials	**Sub Total =**	$207.50
					Landing Piling	**Sub Total =**	$1,885.00

Additonal Move-in allowance

Move-In Allowance	Number of Move-In's	Total Move-In Allowance		
$1,610.00	1	$1,610.00	Brush Piler	
		$0.00	Dump Truck (12cy)	
			Move-In	**Sub Total =** $1,610.00

Slash Endhaul Dump Truck hrs	Cost/Hour	Total	Loader hrs	Cost/Hour	Total	
	$89.00	$0.00		$145.00	$0.00	
					Sub Total =	$0.00
					Grand Total =	**$8,415.00**

Easy Wages
TIMBER CRUISE REPORT
FY 2025

1. **Sale Area Location:** Portions of Section 17 and 18 of T5N, R6W, W.M., Clatsop County, OR.

2. **Fund Distribution:** BOF 100% Tax Code: 8-01 (100%)

3. **Sale Acreage by Area:**

Unit	Harvest Type	Gross Acres	Stream Buffer Acres	Existing R/W Acres	Reserve Tree Area	New R/W Acres	New R/W Non-Stocked	Net Acres	Survey Method
1	Modified Clearcut	79	10	2	2	0	--	65	GIS

4. Cruisers and Cruise Dates: John Czarnecki and Michel Huffman (12/2/2024-12/04/2024)

5. Cruise Method and Computation:

Unit 1: Unit 1 was variable plot cruised with a 54.45 BAF. A total of 45 plots were sampled on a five by 3 chain spacing with a grade to count ratio of 1:2, resulting in 20 grade plots and 25 count plots. The difference between reported and mapped count and grade plots can be attributed to the measurement of a tree on a count plot, and one plot was dropped as it was located within a leave tree area which resulted in the plot numbers being out of sequence.

Data was collected on Allegro 2 data collectors and downloaded to the Atterbury SuperACE 2008 program for computing. See the attached Cruise Design for more details on the cruise method. The cruise calculations were processed in the Astoria District office.

UNIT	CRUISE	TRACT	TYPE	ACRES
1	EWAGES	U1	00MC	65

6. Timber Description:

Unit 1 is a modified clearcut with an average age of 85 years. The stand consists of Douglas-fir, western hemlock, and scattered hardwoods. The average take Douglas-fir is approximately 24 inches DBH and 92 feet to a merchantable top. The average take western hemlock is approximately 20 inches DBH and 72 feet to a merchantable top. The average take red alder is approximately 21 inches DBH and 55 feet to a merchantable top. The average take bigleaf maple is approximately 17 inches DBH and 58 feet to a merchantable top. Average net volume to be harvested per acre is 68 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point.

7. Statistical Analysis and Stand Summary:

Statistics for Stand B.F. volumes

Unit	Estimated CV	Target SE%	Actual CV	Actual SE%
1	50.0%	9.0%	44.9%	6.6%

8. Volumes by Species and Log Grade:

Volumes by Species and Grade for All Sale Areas: (MBF) Volumes do not include "in-growth."

Conifer

Species	DBH	Net Vol.	3 Peeler	Special Mill	2 Saw	3 Saw	4 Saw	% D & B	% Sale
Douglas-fir	24"	3,889	35	300	2,873	602	79	8.7%	89%
western hemlock	20"	442			351	73	18	8.7%	10%
TOTALS	--	**4,331**	**35**	**300**	**3,224**	**675**	**97**	--	--

***The defect and breakage percentage includes an 8% hidden defect deduction for both Douglas-fir and western hemlock.**

Hardwood

Species	DBH	Net Vol.	12" +	10"-11"	8"-9"	6"-7"	% D & B**	% Sale
Alder	21"	45	26	13	2	4	9.2%	1%
Big leaf maple	17	8		7		1	0.0	<1
TOTALS	--	**53**	**26**	**20**	**2**	**5**	--	1%

****The defect and breakage percentage includes an 8% hidden defect deduction for red alder.**

TOTAL VOLUME	4,384 MBF

9. Approvals:

Prepared by: John Tillotson **Date:** 12/09/2024

Unit Forester Approval: JT **Date:** 12/09/2024

10. Attachments:
Cruise Design and Map (3 pages)
Volume Report (1 page)
Statistics Report (2 pages)
Log Stock Table (2 pages)
Stand Table Summary (2 pages)

CRUISE DESIGN
ASTORIA DISTRICT

Sale Name: Easy Wages **Unit** 1

Harvest Type: CC

Approx. Cruise Acres: 70 **Estimated CV%** 50 Net BF **SE% Objective** 9 Net BF

Planned Sale Volume: 3,465 MMBF **Estimated Sale Area Value/Acre:** $ 27,500

A. **Cruise Goals:** (a) Grade minimum 80 conifer and 25 hardwood trees: (b) Sample ____ cruise plots; (c) Other goals; X Determine log grades for sale value; X Determine snag and leave tree species and sizes.

B. **Cruise Design:**
   1. **Plot Cruises:** BAF 54.44 Full point
      Cruise Line Directions 335/155
      Cruise Line Spacing 5ch / 330ft (chains/feet)
      Cruise Plot Spacing 3ch / 198ft (chains/feet)
      Grade/Count Ratio 1/2

C. **Tree Measurements:**
   1. **Diameter:** Minimum DBH to cruise is 8" for conifers and 8" or hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.

   2. **Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.

   3. **Top Cruise Diameter (TCD):** Minimum top outside bark for conifer is 7", and 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" outside bark for trees < 18" dbh and 40% of dob @ FP for trees > 18" dbh.

   4. **Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

   5. **Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch. log segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree.

6. **Species, Sort, and Grade Codes:** A. Species: Record as D (Douglas-fir); H (Western hemlock); S (Sitka Spruce); C (Western red cedar); NF (All true firs; A (Red alder); M (Bigleaf maple). For "leave trees" in partial cuts, or for marked "wildlife trees," add an "L" to the species code (such as DL, HL, CL, etc.)
   B. Sort: Use code "1" (Domestic).
   C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull ; 9 = Utility
   Hardwoods: #1 Sawmill = 12"+ scaling diameter; #2 Sawmill = 10" and 11"; #3 Sawmill = 8" and 9"; #4 Sawmill = 6" and 7"

7. **Deductions:** Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.

8. **Standard Field Procedures:** Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at intervisible points, not to exceed 100' apart. On "measure/grade" plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.
   ITS and 100% Cruises: Mark cruise "strips" with various colored flagging (not pink). Mark trees measured and graded with yellow paint.

9. **Cruising Equipment:** Relaskop, Rangefinder or Lazer, Logger's Tape (with dbh on back), Biltmore Stick, Compass, Cruise Cards or Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint.

10. **Attachments:** A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.

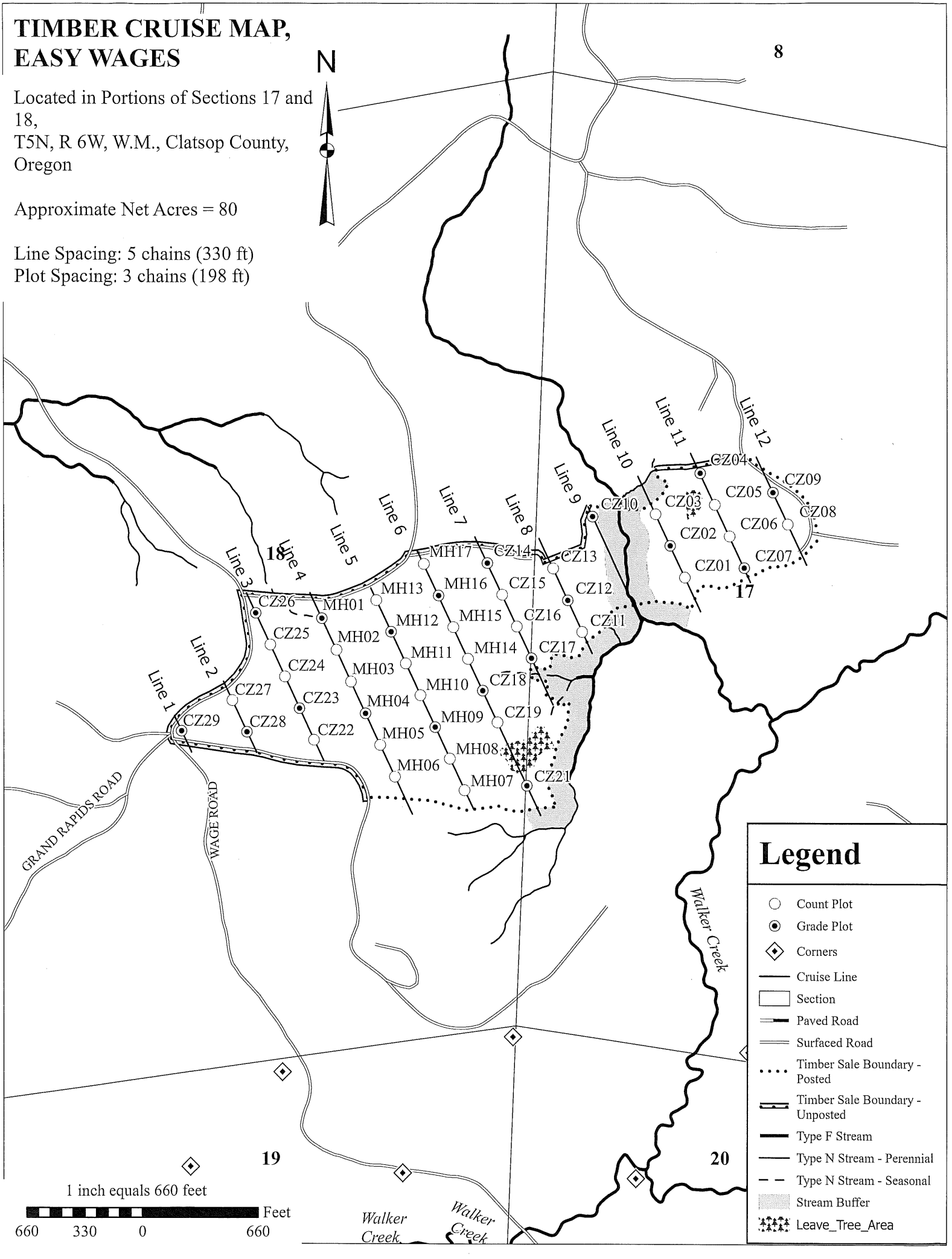
Cruise Design by: John Tillotson
Approved by: _____
Date: 11/19/2024

TIMBER CRUISE MAP, EASY WAGES

Located in Portions of Sections 17 and 18,
T5N, R 6W, W.M., Clatsop County, Oregon

Approximate Net Acres = 80

Line Spacing: 5 chains (330 ft)
Plot Spacing: 3 chains (198 ft)



T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: EWAGES

Date 12/9/2024

Time 9:59:05AM

T05N R06W S18 T00MC

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
05N	06W	18	U1	00MC	65.00	45	103	1	W

T05N R06W S18 T00MC

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
D		DO	2S	73	8.4	48,275	44,197	2,873			29	71		4	1	96	38	17	464	2.47	95.3
D		DO	3S	16	10.5	10,348	9,259	602		74	16	10	7	9	12	72	35	10	116	0.90	80.0
D		DO	4S	2	8.5	1,333	1,219	79		99	1		62	38			21	7	28	0.43	43.8
D		DO	3P	1	8.0	583	536	35				100				100	36	26	1030	4.73	.5
D		DO	SM	8	8.0	5,015	4,614	300				100	7			93	38	21	657	3.25	7.0
D	**Totals**			89	8.7	65,554	59,825	3,889		13	24	62	3	5	2	90	34	13	264	1.69	226.8
H		DO	CU														52	6		0.00	1.9
H		DO	2S	79	8.2	5,886	5,400	351			51	49	2		3	95	39	15	330	1.92	16.4
H		DO	3S	16	8.0	1,219	1,121	73		95	5		5	19		76	36	8	79	0.70	14.2
H		DO	4S	5	18.3	347	283	18		100			84	16			19	8	30	0.57	9.6
H	**Totals**			10	8.7	7,452	6,805	442		20	42	39	6	4	2	88	34	11	162	1.18	42.1
SN		DO	CU														34	14		0.00	3.3
SN	**Totals**																34	14		0.00	3.3
A		DO	CU														6	24		0.00	.6
A		DO	1S	56	7.7	434	401	26			47	53		100			25	15	218	1.96	1.8
A		DO	2S	29	14.0	233	200	13			100				100		34	13	180	1.59	1.1
A		DO	3S	5	5.0	37	35	2		100				100			26	9	57	1.13	.6
A		DO	4S	10	5.0	71	68	4		100			31	69			22	7	29	0.65	2.3
A	**Totals**			1	9.2	775	703	45 ~~46~~		15	55	30	3	69	28		24	12	108	1.31	6.5
M		DO	2S	88		115	115	7		100						100	40	10	150	1.15	.8
M		DO	4S	12		15	15	1		100			100				16	6	20	0.44	.8
M	**Totals**			0		130	130	8		100			12			88	28	8	85	0.95	1.5
Type Totals					8.7	73,911	67,464	4,384 ~~4,385~~		14	26	60	3	5	3	89	33	12	241	1.58	280.2

STATISTICS

PROJECT EWAGES

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
05N	06W	18	U1	00MC	65.00	45	270	1	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	45	270	6.0		
CRUISE	20	103	5.2	7,381	1.4
DBH COUNT					
REFOREST					
COUNT	25	160	6.4		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	80	85.7	23.7	92	53.9	262.5	65,554	59,825	14,023	12,888
WHEMLOCK	16	20.7	19.7	72	9.8	43.6	7,452	6,805	1,829	1,683
SNAG	3	3.5	25.2	156	2.4	12.1				
R ALDER	3	2.9	21.3	55	1.6	7.3	775	703	214	203
BL MAPLE	1	.8	17.0	58	0.3	1.2	130	130	41	41
TOTAL	*103*	*113.5*	*23.0*	*89*	*68.2*	*326.6*	*73,911*	*67,464*	*16,106*	*14,814*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

SAMPLE TREES - BF

CL: 68.1 % / SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	57.4	6.4	1,046	1,118	1,190			
WHEMLOCK	93.8	24.2	420	554	688			
SNAG								
R ALDER	46.4	32.1	181	266	351			
BL MAPLE								
TOTAL	*69.7*	*6.9*	*898*	*964*	*1,030*	*194*	*49*	*22*

SAMPLE TREES - CF

CL: 68.1 % / SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	50.9	5.7	219	232	245			
WHEMLOCK	77.6	20.0	101	126	152			
SNAG								
R ALDER	31.7	22.0	58	74	90			
BL MAPLE								
TOTAL	*61.9*	*6.1*	*190*	*203*	*215*	*153*	*38*	*17*

TREES/ACRE

CL: 68.1 % / SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	86.3	12.9	75	86	97			
WHEMLOCK	188.2	28.0	15	21	26			
SNAG	432.0	64.3	1	4	6			
R ALDER	338.7	50.5	1	3	4			
BL MAPLE	670.8	99.9	0	1	2			
TOTAL	*60.6*	*9.0*	*103*	*114*	*124*	*146*	*37*	*16*

BASAL AREA/ACRE

CL: 68.1 % / SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	57.7	8.6	240	263	285			
WHEMLOCK	176.0	26.2	32	44	55			
SNAG	427.9	63.7	4	12	20			
R ALDER	342.9	51.1	4	7	11			
BL MAPLE	670.8	99.9	0	1	2			
TOTAL	*34.8*	*5.2*	*310*	*327*	*344*	*48*	*12*	*5*

TC TSTATS

STATISTICS

PROJECT EWAGES

DATE 12/9/2024

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
05N	06W	18	U1	00MC	65.00	45	270	1	W

CL: 68.1%	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	58.3	8.7	54,628	59,825	65,023			
WHEMLOCK	176.8	26.3	5,013	6,805	8,597			
SNAG								
R ALDER	345.2	51.4	342	703	1,065			
BL MAPLE	670.8	99.9	0	130	261			
TOTAL	*44.5*	*6.6*	*62,996*	*67,464*	*71,933*	*79*	*20*	*9*

TC TLOGSTVB

Log Stock Table - MBF

Project: EWAGES

T05N R06W S18 T00MC

T05N R06W S18 T00M

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
05N	06W	18	U1	00MC	65.00	45	103

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Date 12/9/2024
Time 9:59:05AM

Spp	S T	So	Grade	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
D		DO	2S	24	69	8.0	63	1.6						19	30	14				
D		DO	2S	28	44	8.0	40	1.0						13	27					
D		DO	2S	32	25	8.0	23	.6						10	13					
D		DO	2S	40	3,001	8.5	2,747	70.6						131	293	1011	790	521		
D		DO	3S	16	5	14.1	4	.1					2	2						
D		DO	3S	18	6	13.9	5	.1					2	3						
D		DO	3S	20	34	8.0	31	.8				6	25							
D		DO	3S	24	23	8.0	21	.5					21							
D		DO	3S	26	10	13.0	9	.2				2		7						
D		DO	3S	28	8	17.9	7	.2								7				
D		DO	3S	30	19	8.0	18	.5			3		14							
D		DO	3S	32	71	10.2	63	1.6				12	44	8						
D		DO	3S	34	9	8.0	8	.2				8								
D		DO	3S	36	42	11.4	37	1.0			18	4	9		6					
D		DO	3S	38	5	8.0	4	.1				4								
D		DO	3S	40	442	10.7	394	10.1			24	122	122	18	18	42	17	32		
D		DO	4S	12	5	18.2	4	.1			1	1		1						
D		DO	4S	16	22	8.0	20	.5			10	5	4							
D		DO	4S	20	28	8.0	25	.7			16	9								
D		DO	4S	24	17	8.0	15	.4			13	2								
D		DO	4S	30	16	8.0	14	.4			14									
D		DO	3P	36	38	8.0	35	.9										35		
D		DO	SM	20	22	8.0	20	.5										20		
D		DO	SM	36	33	8.0	30	.8									30			
D		DO	SM	40	272	8.0	250	6.4								57	157	35		
D		Totals			4,261	8.7	3,889	88.7			102	177	243	211	388	1131	994	643		
H		DO	CU	52																
H		DO	2S	14	9	8.0	8	1.8										8		
H		DO	2S	32	10	8.0	9	2.0						9						
H		DO	2S	36	28	8.0	26	5.8										26		
H		DO	2S	40	336	8.3	308	69.7						92	33	128	27	30		
H		DO	3S	20	4	8.0	4	.9				2	2							
H		DO	3S	24	8	8.0	7	1.7					7							
H		DO	3S	26	3	8.0	2	.5				2								
H		DO	3S	28	4	8.0	4	.9							4					
H		DO	3S	38	11	8.0	10	2.4					10							
H		DO	3S	40	49	8.0	45	10.1			25	20								
H		DO	4S	12	1	8.0	1	.3				1								
H		DO	4S	16	8	38.7	5	1.1					5							
H		DO	4S	20	10	8.0	10	2.2			3	6								
H		DO	4S	24	3	8.0	3	.7			3									
H		Totals			484	8.7	442	10.1			31	32	25	101	37	128	27	63		
SN		DO	CU	34																
SN		Totals																		
A		DO	CU	6																
A		DO	1S	24	14	10.6	12	26.6							12					
A		DO	1S	28	15	5.0	14	30.4								14				

TC TLOGSTVB

Log Stock Table - MBF

Project: EWAGES

T05N R06W S18 T00MC

T05N R06W S18 T00M

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
05N	06W	18	U1	00MC	65.00	45	103

Page 2
Date 12/9/2024
Time 9:59:05AM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
A		DO	2S	34	15	14.0	13	28.5						13						
A		DO	3S	26	2	5.0	2	4.9				2								
A		DO	4S	20	1	5.0	1	3.0			1									
A		DO	4S	24	3	5.0	3	6.6			3									
A		Totals			50	9.2	46	1.0			4	2		13		12		14		
M		DO	2S	40	7		7	88.2					7							
M		DO	4S	16	1		1	11.8			1									
M		Totals			8		8	.2			1		7							
Total All Species					4,804	8.7	4,385	100.0			138	211	275	325	437	1273	1020	706		

TC TSTNDSUM

Stand Table Summary

Project EWAGES

T05N R06W S18 T00MC

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
05N	06W	18	U1	00MC	65.00	45	103

T05N R06W S18 T00MC

Page: 1
Date: 12/09/20
Time: 9:59:06AM

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
D		10	1	89	60	6.017	3.28	6.02	10.1	36.8		61	221		40	14
D		11	1	86	65	4.972	3.28	4.97	14.7	55.2		73	274		48	18
D		12	1	85	72	4.178	3.28	4.18	17.5	55.2		73	231		47	15
D		13	2	86	93	7.120	6.56	14.24	14.3	50.6		203	721		132	47
D		15	2	87	92	5.348	6.56	10.70	19.6	64.4		209	689		136	45
D		16	1	85	87	2.350	3.28	4.70	22.1	78.2		104	368		67	24
D		19	1	82	86	1.667	3.28	3.33	31.3	96.6		104	322		68	21
D		20	2	87	122	3.008	6.56	9.02	31.9	121.1		288	1,093		187	71
D		21	2	86	113	2.729	6.56	6.82	38.1	138.0		260	941		169	61
D		22	3	85	149	3.729	9.84	12.43	40.7	172.0		505	2,139		329	139
D		23	3	85	113	3.412	9.84	9.10	43.4	165.6		394	1,507		256	98
D		24	5	85	140	5.223	16.41	16.71	47.5	200.1		794	3,344		516	217
D		25	5	86	154	4.813	16.41	15.40	55.9	240.9		861	3,711		560	241
D		26	3	87	163	2.670	9.84	9.79	55.3	258.4		541	2,530		352	164
D		27	2	85	147	1.651	6.56	5.78	56.6	247.1		327	1,427		213	93
D		28	3	89	152	2.302	9.84	7.67	66.9	322.9		513	2,478		334	161
D		29	6	86	153	4.292	19.69	13.59	73.7	346.2		1,002	4,706		651	306
D		30	9	88	162	6.017	29.53	21.39	75.9	377.8		1,624	8,081		1,055	525
D		31	1	85	169	.626	3.28	2.50	74.1	370.3		185	927		121	60
D		32	6	87	162	3.525	19.69	12.93	84.2	429.1		1,089	5,546		708	360
D		33	3	85	157	1.657	9.84	5.52	90.8	427.8		502	2,364		326	154
D		34	6	86	169	3.123	19.69	11.97	92.4	473.6		1,106	5,669		719	369
D		35	3	86	154	1.473	9.84	4.91	104.8	541.0		515	2,657		335	173
D		36	3	87	162	1.393	9.84	5.57	95.4	506.8		531	2,823		345	184
D		37	2	87	149	.879	6.56	2.64	126.2	614.9		333	1,621		216	105
D		39	2	85	165	.791	6.56	2.77	130.0	657.1		360	1,820		234	118
D		40	1	83	158	.376	3.28	1.13	146.6	714.5		165	806		107	52
D		43	1	82	158	.325	3.28	.98	169.9	828.0		166	808		108	53
D		Totals	80	86	123	85.668	262.52	226.77	56.8	263.8		12,888	59,825		8,377	3,889
H		12	1	88	62	3.466	2.72	3.47	17.5	55.2		61	191		39	12
H		16	2	79	45	3.899	5.44	1.95	15.6	36.8		30	72		20	5
H		17	2	85	78	3.454	5.44	5.18	33.7	98.1		175	508		114	33
H		19	2	84	130	2.765	5.44	8.29	31.9	116.5		265	967		172	63
H		20	1	85	112	1.248	2.72	3.74	33.1	131.9		124	494		81	32
H		22	1	91	115	1.031	2.72	3.09	40.8	180.9		126	560		82	36
H		23	1	86	117	.943	2.72	2.83	44.2	184.0		125	521		81	34
H		24	1	85	126	.866	2.72	2.60	50.9	214.7		132	558		86	36
H		25	2	82	131	1.597	5.44	4.79	55.7	219.3		267	1,051		173	68
H		28	1	85	126	.637	2.72	1.91	69.3	318.9		132	609		86	40
H		34	1	89	126	.432	2.72	1.30	105.2	539.7		136	699		89	45
H		39	1	89	99	.328	2.72	.98	111.3	585.7		110	577		71	37
H		Totals	16	84	91	20.666	43.55	40.14	41.9	169.6		1,683	6,805		1,094	442
A		19	1	87	61	1.229	2.42	2.46	28.0	95.0		69	233		45	15
A		20	1	86	66	1.109	2.42	2.22	32.8	99.7		73	221		47	14
A		27	1	87	75	.609	2.42	1.22	50.3	204.2		61	249		40	16
A		Totals	3	87	66	2.946	7.26	5.89	34.4	119.4		203	703		132	46
M		17	1	83	74	.768	1.21	1.54	26.5	85.0		41	130		26	8
M		Totals	1	83	74	.768	1.21	1.54	26.5	85.0		41	130		26	8
SN		23	1	89	162	1.398	4.03									

TC TSTNDSUM

Stand Table Summary

Project EWAGES

T05N R06W S18 T00MC

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
05N	06W	18	U1	00MC	65.00	45	103

Date: 12/09/20
Time: 9:59:06AM

Spc	ST	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
SN		24	1	89	158	1.284	4.03									
SN		30	1	88	142	.822	4.03									
SN		Totals	3	89	156	3.503	12.10									
Totals			103	86	116	113.550	326.64	274.34	54.0	245.9		14814	67,464		9,629	4,385

LOGGING PLAN MAP

OF TIMBER SALE CONTRACT
NO. AT-341-2025-W01180-01
EASY WAGES
PORTIONS OF SECTIONS 17 & 18,
OF T5N, R6W, W.M.,
CLATSOP COUNTY, OREGON

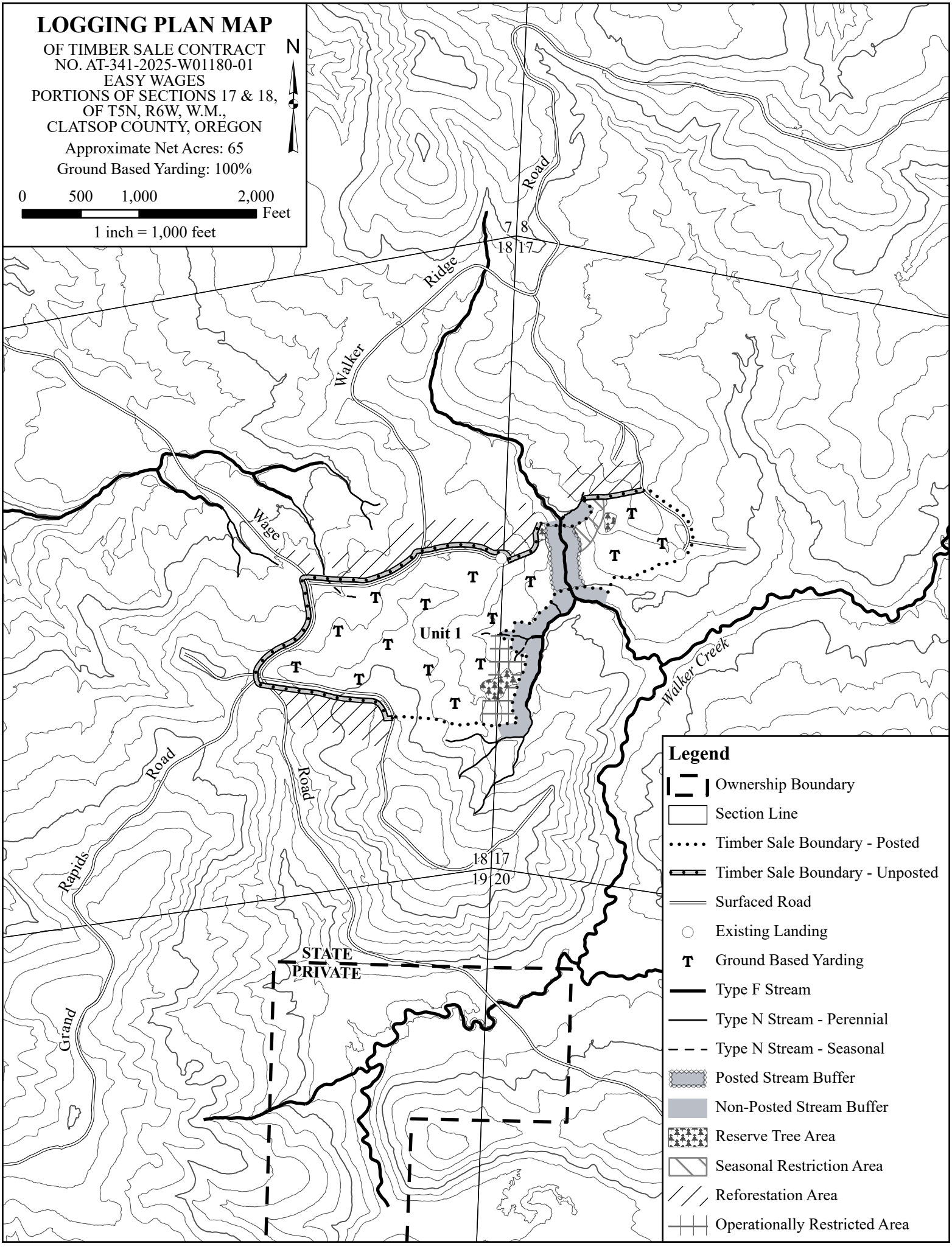
Approximate Net Acres: 65

Ground Based Yarding: 100%

0 500 1,000 2,000 Feet

1 inch = 1,000 feet

N



Legend

- Ownership Boundary
- Section Line
- Timber Sale Boundary - Posted
- Timber Sale Boundary - Unposted
- Surfaced Road
- Existing Landing
- T Ground Based Yarding
- Type F Stream
- Type N Stream - Perennial
- Type N Stream - Seasonal
- Posted Stream Buffer
- Non-Posted Stream Buffer
- Reserve Tree Area
- Seasonal Restriction Area
- Reforestation Area
- Operationally Restricted Area