



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Dry Creek
Sale TL-541-2024-W00959-01

District: Tillamook

Date: March 08, 2023

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,184,410.36	\$148,377.46	\$1,332,787.82
		Project Work:	(\$239,190.00)
		Advertised Value:	\$1,093,597.82



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Timber Description

Location: Section(s) 25 & 36 of T3N R9W W.M., and Section 30 of T3N, R8W, W.M., Tillamook County, Oregon

Stand Stocking: 60%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	17	0	95
Western Hemlock / Fir	23	0	100
Sitka Spruce	12	0	100
Alder (Red)	15	0	100

Volume by Grade	2S	3S & 4S 6"-11"	8" - 9"	10" - 11"	12"+	Total
Douglas - Fir	1,620	1,857	0	0	0	3,477
Western Hemlock / Fir	134	81	0	0	0	215
Sitka Spruce	24	45	0	0	0	69
Alder (Red)	0	0	667	241	14	922
Total	1,778	1,983	667	241	14	4,683

Comments:

Pond Values Used: January 2023

Region: Astoria, Forest Grove, and Tillamook

Western red cedar and other cedars stumpage price = \$1,380/MBF - \$518/MB = \$862/MBF

FUEL COST ALLOWANCE = \$5.00/Gallon

HAULING COST ALLOWANCE = \$1,200/Day

Other costs with profit and risk added:

BRAND AND PAINT ALLOWANCE = \$2.00/ MBF

4,683 MBF x \$2.00/MBF = \$9,366.00

Heliport Construction: \$500/unit x 3 units = \$1,500.00

Unit 1 landing #2 Tailhold spur: 1 x \$400/spur = \$400.00

Unit 3 Landing construction: 1 x \$1,000/landing = \$1,000.00

Move-in Machine Cleaning: \$1,000/machine x 2 machines x 2 seasons = \$4,000.00

TOTAL Other Costs with profit and risk to be added = \$16,266

Other Costs without Profit and Risk Added:

Slash piling and sorting (Cable Settings): \$5/ac x 191 ac. = \$955.00

Unit 1 landing slash pullback/sorting: \$12/ac x 46 ac. = \$552.00

Ditch Cleaning and Bank Sluff Removal:

Mobilization: two times – dump truck w/ tilt bed & small excavator: \$900 x 2 = \$1,800.00

Small excavator (Cat 312 or equivalent): 40 hours @ \$145/ hour = \$5,800.00

Dump truck: 40 hours @ \$95/ hour = \$3,800.00

TOTAL Other Costs without Profit and Risk added = \$12,907.00

ROAD MAINTENANCE:

Spot Rocking: 20cy/MMBF/mile x 4.683MMBF x \$35/cy x 5.95 miles /4,683 MBF = \$4.17/MBF

Interim Grading: \$1,150/mile x 5.95 miles x 2 times/ 4,683 MBF = \$2.92/MBF

Final Maintenance Grading: \$1,500/mile x 5.95 miles/ 4,683 MBF = \$1.91/MBF

Final Maintenance Compaction: \$900/mile x 5.95 miles/4,683 MBF = \$1.14/MBF

Total Road Maintenance: = \$10.14/MBF



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Logging Conditions

Combination#: 1

Douglas - Fir	92.00%
Western Hemlock / Fir	92.00%
Sitka Spruce	92.00%
Alder (Red)	92.00%

Logging System: Cable: Large Tower >=70 **Process:** Stroke Delimber
yarding distance: Long (1,500 ft) **downhill yarding:** No
tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF
loads / day: 7 **bd. ft / load:** 4200
cost / mbf: \$267.00
machines: Log Loader (A)
Stroke Delimber (A)
Tower Yarder (Large)

Combination#: 2

Douglas - Fir	8.00%
Western Hemlock / Fir	8.00%
Sitka Spruce	8.00%
Alder (Red)	8.00%

Logging System: Shovel **Process:** Stroke Delimber
yarding distance: Short (400 ft) **downhill yarding:** No
tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF
loads / day: 14 **bd. ft / load:** 4200
cost / mbf: \$127.56
machines: Stroke Delimber (B)



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District: Tillamook

Date: March 08, 2023

Logging Costs

Operating Seasons: 2.00	Profit Risk: 12%
Project Costs: \$239,190.00	Other Costs (P/R): \$16,266.00
Slash Disposal: \$0.00	Other Costs: \$12,907.00

Miles of Road

Road Maintenance: \$10.14

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	3.6
Western Hemlock / Fir	\$0.00	3.0	4.6
Sitka Spruce	\$0.00	2.0	3.6
Alder (Red)	\$0.00	2.0	3.8



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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 - Fir									
\$255.84	\$10.65	\$7.43	\$182.29	\$3.47	\$55.16	\$0.00	\$2.00	\$2.76	\$519.60
Western Hemlock / Fir									
\$255.84	\$10.14	\$7.43	\$90.58	\$3.47	\$44.10	\$0.00	\$2.00	\$2.76	\$416.32
Sitka Spruce									
\$255.84	\$10.14	\$7.43	\$173.61	\$3.47	\$54.06	\$0.00	\$2.00	\$2.76	\$509.31
Alder (Red)									
\$255.84	\$10.14	\$7.43	\$164.47	\$3.47	\$52.96	\$0.00	\$2.00	\$2.76	\$499.07

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$848.16	\$328.56	\$0.00
Western Hemlock / Fir	\$0.00	\$602.97	\$186.65	\$0.00
Sitka Spruce	\$0.00	\$536.52	\$27.21	\$0.00
Alder (Red)	\$0.00	\$660.00	\$160.93	\$0.00



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Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00
Sitka Spruce	0	\$0.00	\$0.00
Alder (Red)	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	3,477	\$328.56	\$1,142,403.12
Western Hemlock / Fir	215	\$186.65	\$40,129.75
Sitka Spruce	69	\$27.21	\$1,877.49
Alder (Red)	922	\$160.93	\$148,377.46

Gross Timber Sale Value

Recovery: \$1,332,787.82

Prepared By: Haakon Smith

Phone: 503-842-2545



PROJECT SUMMARY SHEET

Sale: Dry Creek

CONSTRUCTION

Point	G to H	3+15	stations =	\$7,081.47
Point	K to L	20+25	stations =	\$60,635.19
Point	M to N	2+40	stations =	\$2,411.82
SUBTOTAL CONSTRUCTION				\$70,128.48

IMPROVEMENT

Point	A to B	314+35	stations =	\$43,553.97
Point	C to D	22+85	stations =	\$31,536.12
Point	E to F	23+90	stations =	\$36,693.25
Point	I to J	1+65	stations =	\$4,320.17
SUBTOTAL IMPROVEMENT				\$116,103.51

RECONSTRUCTION

Point	O to P	10+75	stations =	\$22,433.04
Point	Q to R	6+30	stations =	\$11,772.99
SUBTOTAL RECONSTRUCTION				\$34,206.03

SPECIAL PROJECTS

Brush	6.9	miles of road		\$8,038.50
SUBTOTAL SPECIAL PROJECTS				\$8,038.50

MOVE IN

\$10,713.48

GRAND TOTAL

\$239,190.00

SUMMARY OF CONSTRUCTION COST

Sale: **Dry Creek** Road: **A to B**

<u>Construction -</u>	0+00	stations	<u>Improvement -</u>	314+35	stations	<u>Reconstruction -</u>	0+00	stations
	0.00	miles		5.95	miles		0.00	miles

IMPROVEMENT: EXCAVATION -
 Pull ditch/Dip culverts - 8 hours @ \$280.00 per hour = \$2,240.00
TOTAL EXCAVATION \$2,240.00

IMPROVEMENT: ENDHAUL -
 Pull ditch/Dip culverts - Endhaul 30 cy. @ \$1.27 per c.y. = \$38.10
 Spread & compact - Ditch material 30 cy. @ \$0.55 per c.y. = \$16.50
TOTAL ENDHAUL \$54.60

CULVERTS - MATERIALS & INSTALLATION

<u>Culverts</u>		40	LF of 18"	\$1,010.00	105	LF of 24"	\$4,016.25
		40	LF of 30"	\$2,000.00			
				\$3,010.00			\$4,016.25
<u>Half Rounds</u>					20	LF of 30"	\$502.40
							\$502.40
<u>Culvert Stakes & Markers</u>		4	stakes	\$36.00			
		16	markers	\$144.00			
TOTAL CULVERTS							\$7,708.65

ROCK

239+55 to 243+55	90	cy. of	Crushed	@	\$35.57 per c.y.=	\$3,201.30	
Culvert Bedding/Backfill 5 Locations	100	cy. of	Crushed	@	\$28.77 per c.y.=	\$2,877.00	
Landing Rock 4 Locations	360	cy. of	Jaw-Run	@	\$21.12 per c.y.=	\$7,603.20	
Spot Rock 0+00 to 314+35	200	cy. of	Crushed	@	\$34.35 per c.y.=	\$6,870.00	
Rock Ditch Filter 192+00, 284+60	10	cy. of	Drain Rock	@	\$38.73 per c.y.=	\$387.30	
Energy Dissipator 3 Locations	20	cy. of	Riprap	@	\$21.62 per c.y.=	\$432.40	
TOTAL ROCK							\$21,371.20

SPECIAL PROJECTS

Construct landings at 243+05, 263+10 -	2.00	@	\$400.00	each	\$800.00	
Construct landings at 272+45, 281+20 -	2.00	@	\$800.00	each	\$1,600.00	
Grade and shape road -	314.35	stations @	\$24.40	per station	\$7,670.14	
Construct jump-up landing at station 224+90 -	1.00	@	\$1,200.00	each	\$1,200.00	
Remove culverts from state lands	5.00	@	\$803.70	total	\$803.70	
Grass seed and fertilize -	0.14	acres @	\$310.00	per acre	\$43.40	
Mulching -	0.072	acres @	\$865.00	per acre	\$62.28	
TOTAL SPECIAL PROJECTS						\$12,179.52

GRAND TOTAL **\$43,553.97**

SUMMARY OF CONSTRUCTION COST

Sale: **Dry Creek**

Road: **C to D**

Construction -	0+00	stations	Improvement -	22+85	stations	Reconstruction -	0+00	stations
	0.00	miles		0.43	miles		0.00	miles

IMPROVEMENT: CLEARING AND GRUBBING -

Widening	0.127	acres @	\$955.00	per acre =	\$121.29
Scattering	0.127	acres @	\$1,415.00	per acre =	\$179.71
TOTAL CLEARING AND GRUBBING					\$301.00

IMPROVEMENT: EXCAVATION -

Widening	668	cy. @	\$2.20	per c.y.=	\$1,469.60
Landing Construction - Ripping	145	cy. @	\$3.30	per c.y.=	\$478.50
Landing Construction - Load Trucks	145	cy. @	\$1.20	per c.y.=	\$174.00
TOTAL EXCAVATION					\$2,122.10

IMPROVEMENT: ENDHAUL -

Widening	0+00	to	3+70	668	cy. @	\$1.68	per c.y.=	\$1,122.24
Landing Construction - Endhaul	10+15	to	10+45	145	cy. @	\$1.98	per c.y.=	\$287.10
Spread & compact				813	cy. @	\$0.55	per c.y.=	\$447.15
TOTAL ENDHAUL								\$1,856.49

ROCK

0+00 to	22+85	770	cy. of	Crushed	@	\$26.39	per c.y.=	\$20,320.30
Landing Rock	10+45, Point D	200	cy. of	Jaw-Run	@	\$22.14	per c.y.=	\$4,428.00
Junction Rock	0+00	20	cy. of	Crushed	@	\$35.37	per c.y.=	\$707.40
TOTAL ROCK								\$25,455.70

SPECIAL PROJECTS

Grade and shape road -	22.85	stations @	\$24.40	per station	\$557.54
Construct landings at station 10+45 and Point D -	2.00	@	\$400.00	each	\$800.00
Roll subgrade w/ vibratory roller prior to rocking -	22.85	stations @	\$19.40	per station	\$443.29
TOTAL SPECIAL PROJECTS					\$1,800.83

GRAND TOTAL **\$31,536.12**

SUMMARY OF CONSTRUCTION COST

Sale:

Dry Creek

Road:

E to F

Construction -	0+00	stations	Improvement -	23+90	stations	Reconstruction -	0+00	stations
	0.00	miles		0.45	miles		0.00	miles

IMPROVEMENT: CLEARING AND GRUBBING -

Widening	0.017	acres @	\$955.00	per acre =	\$16.24	
TOTAL CLEARING AND GRUBBING						\$16.24

IMPROVEMENT: EXCAVATION -

Widening	181	cy. @	\$2.20	per c.y. =	\$398.20	
Landing Construction 20+85 - Ripping	800	cy. @	\$3.30	per c.y. =	\$2,640.00	
Landing Construction 20+85 - Load Trucks	800	cy. @	\$1.20	per c.y. =	\$960.00	
TOTAL EXCAVATION						\$3,998.20

IMPROVEMENT: ENDHAUL -

Widening	0+00	to	0+50	181	cy. @	\$1.84	per c.y. =	\$333.04	
Landing Construction - Endhaul	20+25	to	20+85	800	cy. @	\$1.92	per c.y. =	\$1,536.00	
Spread & compact				981	cy. @	\$0.55	per c.y. =	\$539.55	
TOTAL ENDHAUL									\$2,408.59

ROCK

0+00 to	23+90	860	cy. of	Crushed	@	\$26.48	per c.y. =	\$22,772.80	
Landing Rock	12+90, 20+85	180	cy. of	Jaw-Run	@	\$22.23	per c.y. =	\$4,001.40	
Junction Rock	0+00	20	cy. of	Crushed	@	\$35.46	per c.y. =	\$709.20	
Corner Widening	0+00 to 0+50	60	cy. of	Jaw-Run	@	\$22.23	per c.y. =	\$1,333.80	
TOTAL ROCK									\$28,817.20

SPECIAL PROJECTS

Grade and shape road -	23.90	stations @	\$24.40	per station	\$583.16	
Construct Landing at 12+90 -	1.00	@	\$400.00	each	\$400.00	
Roll subgrade w/ vibratory roller prior to rocking -	23.90	stations @	\$19.40	per station	\$463.66	
Grass seed and fertilize -	0.02	acres @	\$310.00	per acre	\$6.20	
TOTAL SPECIAL PROJECTS						\$1,453.02

GRAND TOTAL

\$36,693.25

SUMMARY OF CONSTRUCTION COST

Sale: Dry Creek Road: G to H

Construction - <u>3+15</u> stations <u>0.06</u> miles	Improvement - <u>0+00</u> stations <u>0.00</u> miles	Reconstruction - <u>0+00</u> stations <u>0.00</u> miles
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CONSTRUCTION: CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

Station	to	Station	Avg. Sideslope	Avg. Dist. To W.A. (mi.)	Outslope/Ditch Crown	Cost per Station	=		
0+00		2+95	45%			\$414	=	\$1,221.30	
								TOTAL	\$1,221.30

ROCK

0+00	to	2+95	140	cy. of	Jaw-Run	@	\$22.38	per c.y.=	\$3,133.20
Landing Rock		Point H	80	cy. of	Jaw-Run	@	\$22.13	per c.y.=	\$1,770.40
								TOTAL ROCK	\$4,903.60

SPECIAL PROJECTS

Construct Landing at Point H -	1.00	@	\$800.00	each	\$800.00	
Grade and shape road -	3.15	stations @	\$24.40	per station	\$76.86	
Roll subgrade w/ vibratory roller prior to rocking -	3.15	stations @	\$19.40	per station	\$61.11	
Grass seed and fertilize -	0.06	acres @	\$310.00	per acre	\$18.60	
					TOTAL SPECIAL PROJECTS	\$956.57

GRAND TOTAL **\$7,081.47**

SUMMARY OF CONSTRUCTION COST

Sale: Dry Creek Road: I to J

Construction - $\frac{0+00}{0.00}$ stations miles	Improvement - $\frac{1+65}{0.03}$ stations miles	Reconstruction - $\frac{0+00}{0.00}$ stations miles
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IMPROVEMENT: CLEARING AND GRUBBING -
Scattering

0.060 acres @ \$1,415.00 per acre = \$84.90
TOTAL CLEARING AND GRUBBING \$84.90

ROCK

0+00 to	1+65	60 cy. of	Crushed	@	\$26.45 per c.y.=	\$1,587.00	
Landing Rock	Point J	80 cy. of	Jaw-Run	@	\$22.20 per c.y.=	\$1,776.00	
						TOTAL ROCK	\$3,363.00

SPECIAL PROJECTS

Construct landing at Point J -	1.00	@	\$800.00	each	\$800.00		
Grade and shape road -	1.65	stations @	\$24.40	per station	\$40.26		
Roll subgrade w/ vibratory roller prior to rocking -	1.65	stations @	\$19.40	per station	\$32.01		
						TOTAL SPECIAL PROJECTS	\$872.27

GRAND TOTAL \$4,320.17

SUMMARY OF CONSTRUCTION COST

Sale: **Dry Creek** Road: **K to L**

Construction -	20+25 0.38	stations miles	Improvement -	0+00 0.00	stations miles	Reconstruction -	0+00 0.00	stations miles
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CONSTRUCTION: CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

Station	to	Station	Avg. Sideslope	Avg. Dist. To W.A. (mi.)	Outslope/Ditch	Cost per Station	=	
0+00		2+15	50%		Ditch	\$1,002	=	\$2,154.30
2+15		3+00	45%		Crown	\$414	=	\$351.90
3+00		3+45	45%		Ditch	\$565	=	\$254.25
3+45		4+10	45%		Crown	\$414	=	\$269.10
4+10		5+25	45%		Ditch	\$565	=	\$649.75
5+25		7+00	45%		Crown	\$414	=	\$724.50
7+00		8+70	45%		Ditch	\$565	=	\$960.50
8+70		9+40	45%		Crown	\$414	=	\$289.80
9+40		20+25	45%		Outslope	\$414	=	\$4,491.90
TOTAL								\$10,146.00

CULVERTS - MATERIALS & INSTALLATION

<u>Culverts</u>	30	LF of 24"	\$1,147.50
<u>Culvert Stakes & Markers</u>			
1 markers			\$9.00
TOTAL CULVERTS			\$1,156.50

ROCK

0+00 to	20+25	1,050	cy. of	Jaw-Run	@	\$22.71 per c.y.=	\$23,845.50
Culvert Bedding	10+85	10	cy. of	Crushed	@	\$28.21 per c.y.=	\$282.10
Landing Rock	Point L	150	cy. of	Jaw-Run	@	\$22.46 per c.y.=	\$3,369.00
TOTAL ROCK							\$27,496.60

SPECIAL PROJECTS

Landing construction and endhaul at Point L -	1.00	@	\$7,378.00	each	\$7,378.00
Fill construction @ 0+00 to 3+00 -	1.00	@	\$11,680.00	each	\$11,680.00
Grade and shape road -	20.25	stations @	\$24.40	per station	\$494.10
Roll subgrade w/ vibratory roller prior to rocking -	20.25	stations @	\$19.40	per station	\$392.85
Remove large stumps -	1.00	lump sum @	\$1,760.00		\$1,760.00
Grass seed and fertilize -	0.37	acres @	\$310.00	per acre	\$114.70
Mulching -	0.019	acres @	\$865.00	per acre	\$16.44
TOTAL SPECIAL PROJECTS					\$21,836.09

GRAND TOTAL **\$60,635.19**

SUMMARY OF CONSTRUCTION COST

Sale: Dry Creek Road: M to N

<u>Construction -</u>	<u>Improvement -</u>	<u>Reconstruction -</u>
<u>2+40</u> stations 0.05 miles	<u>0+00</u> stations 0.00 miles	<u>0+00</u> stations 0.00 miles

CONSTRUCTION: CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

<u>Station</u>	<u>to</u>	<u>Station</u>	<u>Avg. Sideslope</u>	<u>Avg. Dist.</u> <u>To W.A. (mi.)</u>	<u>Outslope/Ditch</u>	<u>Cost per Station</u>	=		
0+00		2+40	45%		Crown	\$414	=	\$993.60	
								TOTAL	\$993.60

ROCK									
0+00	to	0+50	30	cy. of	Jaw-Run	@	\$22.69 per c.y.=	\$680.70	
								TOTAL ROCK	\$680.70

SPECIAL PROJECTS

Construct landing -	1.00	@	\$400.00	each	\$400.00	
Grade and shape road -	2.40	stations @	\$24.40	per station	\$58.56	
Roll subgrade w/ vibratory roller prior to rocking -	2.40	stations @	\$19.40	per station	\$46.56	
Remove large stumps -	1.00	lump sum @	\$220.00		\$220.00	
Grass seed and fertilize -	0.04	acres @	\$310.00	per acre	\$12.40	
					TOTAL SPECIAL PROJECTS	\$737.52

GRAND TOTAL **\$2,411.82**

SUMMARY OF CONSTRUCTION COST

Sale: **Dry Creek** Road: **O to P**

<u>Construction -</u>	0+00	stations		<u>Improvement -</u>	0+00	stations		<u>Reconstruction -</u>	10+75	stations
	0.00	miles			0.00	miles			0.20	miles

RECONSTRUCTION: CLEARING AND GRUBBING -

Widening	0.109	acres	@	\$955.00	per acre =	\$104.10	
Scattering	0.490	acres	@	\$1,415.00	per acre =	\$693.35	
TOTAL CLEARING AND GRUBBING							\$797.45

RECONSTRUCTION: EXCAVATION -

Road Earthwork	10.75	sta.	@	\$100.00	per sta. =	\$1,075.00	
Fill construction for road alignment at 0+00 to 0+55	0.5	sta.	@	\$400.00	per sta. =	\$200.00	
Widening	572	cy.	@	\$2.20	per c.y. =	\$1,258.40	
Landing construction - Excavation	800	cy.	@	\$2.20	per c.y. =	\$1,760.00	
Landing Construction - Load Trucks	800	cy.	@	\$1.20	per c.y. =	\$960.00	
TOTAL EXCAVATION							\$5,253.40

RECONSTRUCTION: ENDHAUL -

Widening	5+45	to	10+20	572	cy. @	\$1.27	per c.y. =	\$726.44
Landing Construction - Endhaul	10+25	to	10+75	800	cy. @	\$1.27	per c.y. =	\$1,016.00
Spread & compact				1372	cy. @	\$0.55	per c.y. =	\$754.60
TOTAL ENDHAUL								\$2,497.04

ROCK

0+00 to	10+75	510	cy. of	Jaw-Run	@	\$22.77	per c.y. =	\$11,612.70
Landing Rock	Point P	80	cy. of	Jaw-Run	@	\$22.52	per c.y. =	\$1,801.60
TOTAL ROCK								\$13,414.30

SPECIAL PROJECTS

Grade and shape road -	10.75	stations	@	\$24.40	per station	\$262.30	
Roll subgrade w/ vibratory roller prior to rocking -	10.75	stations	@	\$19.40	per station	\$208.55	
TOTAL SPECIAL PROJECTS							\$470.85

GRAND TOTAL **\$22,433.04**

SUMMARY OF CONSTRUCTION COST

Sale: **Dry Creek**

Road: **Q to R**

Construction - $\frac{0+00}{0.00}$ stations miles	Improvement - $\frac{0+00}{0.00}$ stations miles	Reconstruction - $\frac{6+30}{0.12}$ stations miles
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RECONSTRUCTION: CLEARING AND GRUBBING -

Scattering	0.290	acres @	\$1,415.00 per acre =	\$410.35	
			TOTAL CLEARING AND GRUBBING		\$410.35

RECONSTRUCTION: EXCAVATION -

Road Earthwork	6.30	sta. @	\$100.00 per sta. =	\$630.00	
			TOTAL EXCAVATION		\$630.00

ROCK

0+00 to	6+30	300	cy. of	Jaw-Run	@	\$23.42 per c.y. =	\$7,026.00	
Landing Rock	Point R	80	cy. of	Jaw-Run	@	\$23.17 per c.y. =	\$1,853.60	
Leveling	0+00	50	cy. of	Jaw-Run	@	\$23.17 per c.y. =	\$1,158.50	
						TOTAL ROCK		\$10,038.10

SPECIAL PROJECTS

Construct Landing at Point R-	1.00	@	\$400.00 each	\$400.00	
Grade and shape road -	6.30	stations @	\$24.40 per station	\$153.72	
Roll subgrade w/ vibratory roller prior to rocking -	6.30	stations @	\$19.40 per station	\$122.22	
Grass seed and fertilize -	0.06	acres @	\$310.00 per acre	\$18.60	
			TOTAL SPECIAL PROJECTS		\$694.54

GRAND TOTAL	\$11,772.99
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Move-In Calculations for Project Work not Involving Rocking/Pit Work

Sale: **Dry Creek**

LOWBOY HAUL (Round Trip)		
DIST. (mi)	ROADWAY	AVE SPEED (mph)
44.0	Pavement	30
3.2	Main Lines	7
7.0	Steep Grades	2

No.	EQUIPMENT DESCRIPTION	Move in Cost	Pilot Cars	Within Area Move (\$/mile)	Begin Mileage	End Mileage	Total Miles	Within Area Cost	Total Cost
1	Brush Cutter	\$972.50		\$4.50	0.00	0.00	0	\$0.00	\$972.50
1	Graders	\$1,126.93		\$11.00	0.00	2.32	2.32	\$25.52	\$1,152.45
1	Rollers (smooth/grid) & Compactors	\$739.50		\$5.50	0.00	2.32	2.32	\$12.76	\$752.26
1	Excavators (Med.)	\$1,222.32		\$39.50	0.00	2.32	2.32	\$91.64	\$1,313.96
1	Excavators (Large)	\$1,351.73	1	\$50.00	0.00	2.32	2.32	\$116.00	\$1,467.73
1	Tractors (D6)	\$1,355.01	2	\$8.00	0.00	2.32	2.32	\$18.56	\$1,373.57
1	Tractor (D8)	\$1,449.26	2	\$16.75	0.00	2.32	2.32	\$38.86	\$1,488.12
2	Dump Truck (10 cy +)	\$561.06		\$3.25	0.00	2.32	2.32	\$15.08	\$576.14
1	Dump Truck (Off Hiway)	\$1,319.85	1	\$5.25	0.00	2.32	2.32	\$12.18	\$1,332.03
1	Water Truck (1500 Gal)	\$277.76		\$3.00	0.00	2.32	2.32	\$6.96	\$284.72
TOTAL MOVE-IN COSTS:								\$10,713.48	

ROCK PIT DEVELOPMENT AND CRUSHING COST SUMMARY

Pit: Commercial Source
 Sale: Dry Creek

Road: 5510 c.y.
 Stockpile: c.y.
 Total Truck Loads: 5510 c.y.

1 1/2"-0" \$18.25
 3"-0" \$16.50
 3"-1" Drain Rock \$25.00
 Jaw-Run \$12.50
 Riprap \$13.00 Per Cu.Yd.

TOTAL PRODUCTION COSTS	\$0.00
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Road Segment	Haul Cost \$/cu.yd.	Proc Cost \$/cu.yd.	Base Cost. \$/cu.yd.	Cost \$/cu.yd.	Number Cu. Yds	ROCK COST	
A to B 23955 24355 (Crushed)	13.77	3.55	18.25	35.57	90	\$3,201.30	
A to B Culvert Bedding/Backfill (Crushed)	6.97	3.55	18.25	28.77	100	\$2,877.00	
A to B Landing Rock (Jaw-Run)	6.97	1.65	12.50	21.12	360	\$7,603.20	
A to B Spot Rock (Crushed)	12.55	3.55	18.25	34.35	200	\$6,870.00	
A to B Rock Ditch Filter (Drain Rock)	10.18	3.55	25.00	38.73	10	\$387.30	
A to B Energy Dissipator (Riprap)	6.97	1.65	13.00	21.62	20	\$432.40	
C to D 0 2285 (Crushed)	7.99	1.90	16.50	26.39	770	\$20,320.30	
C to D Landing Rock (Jaw-Run)	7.99	1.65	12.50	22.14	200	\$4,428.00	
C to D Junction Rock (Crushed)	13.57	3.55	18.25	35.37	20	\$707.40	
E to F 0 2390 (Crushed)	8.08	1.90	16.50	26.48	860	\$22,772.80	
E to F Landing Rock (Jaw-Run)	8.08	1.65	12.50	22.23	180	\$4,001.40	
E to F Junction Rock (Crushed)	13.66	3.55	18.25	35.46	20	\$709.20	
E to F Corner Widening (Jaw-Run)	8.08	1.65	12.50	22.23	60	\$1,333.80	
G to H 0 295 (Jaw-Run)	7.98	1.90	12.50	22.38	140	\$3,133.20	
G to H Landing Rock (Jaw-Run)	7.98	1.65	12.50	22.13	80	\$1,770.40	
I to J 0 165 (Crushed)	8.05	1.90	16.50	26.45	60	\$1,587.00	
I to J Landing Rock (Jaw-Run)	8.05	1.65	12.50	22.20	80	\$1,776.00	
K to L 0 2025 (Jaw-Run)	8.31	1.90	12.50	22.71	1050	\$23,845.50	
K to L Culvert Bedding (Crushed)	8.31	1.65	18.25	28.21	10	\$282.10	
K to L Landing Rock (Jaw-Run)	8.31	1.65	12.50	22.46	150	\$3,369.00	
M to N 0 50 (Jaw-Run)	8.29	1.90	12.50	22.69	30	\$680.70	
O to P 0 1075 (Jaw-Run)	8.37	1.90	12.50	22.77	510	\$11,612.70	
O to P Landing Rock (Jaw-Run)	8.37	1.65	12.50	22.52	80	\$1,801.60	
Q to R 0 630 (Jaw-Run)	9.02	1.90	12.50	23.42	300	\$7,026.00	
Q to R Landing Rock (Jaw-Run)	9.02	1.65	12.50	23.17	80	\$1,853.60	
Q to R Leveling (Jaw-Run)	9.02	1.65	12.50	23.17	50	\$1,158.50	
Total C.Y.					5510	Sub Total	\$135,540.40

TOTAL ROCKING COSTS	\$135,540.40
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OREGON DEPARTMENT OF FORESTRY

CRUISE REPORT

Dry Creek

1. Type of Sale

Regeneration harvest, Recovery

2. Legal Description

Section(s) 25 & 36 of T3N R9W W.M., and Section 30 of T3N, R8W, W.M., Tillamook County, Oregon.

3. Sale Acreage

Sale acreage was determined by GPS, LIDAR, and orthophotographs along with GIS.

	<u>ACRES</u>	
	<u>Gross</u>	<u>Net</u>
Unit 1 (Modified Clearcut)	56	45
Unit 2 (Modified Clearcut)	135	102
Unit 3 (Modified Clearcut)	86	64
Total	278	211

Gross Acres

Area within the Timber Sale Boundary signs

Net acres

Used for calculating the advertised volume.

Gross acres, less green tree retention, roads, Non-required thinning areas, and riparian areas classified as Special Stewardship in LMCS inside the sale boundary.

4. Cruising Procedures

A. Cruise Method

Timber sale units 1, 2 and 3 were cruised using variable plot sampling. Both units were cruised by ODF staff between September and October of 2022. All conifers 8” DBH and greater containing 20 board feet and all hardwoods 10” DBH and greater containing 30 board feet were recorded on all plots. Species, DBH (to nearest inch), merchantable bole length (to nearest foot), form factor, and defect were recorded for all measured trees. Merchantable heights were recorded to 6” and 7” outside bark for conifers and hardwoods, respectively.

B. Plot size

Unit	BAF	Spacing
1	27.78	330’ x 330’
2	27.78	330’ x 330’
3	33.61	330’ x 330’

C. Grading System

All trees were graded according to Columbia River Log Scaling and Grading Rules. Log lengths favored 40' lengths.

5. Computation Procedure

Plot data was entered into SuperAce for computation of basal area, advertised volume, volume summary, log stock table, and stand table for each species and type.

Net sale acreage was used for volume calculation.

Unit	Cruise Statistics (Board Foot Volumes)			
	Acres	Number of Plots	SE (%)	CV (%)
1	45	16	5.8	22.5
2	102	36	8.5	51.3
3	64	23	9.4	44.2
Project Total	211	75	7.9	39.33

6. Hidden Defect and Breakage

A 5% reduction for Douglas-fir, 2% reduction for western hemlock, 1% reduction for spruce and a 1-2% reduction for hardwood volumes were applied for hidden defect and breakage.

7. Timber Description

Units 1, 2 and 3 are modified clearcuts.

Unit 1 is a Douglas-fir dominant stand with a smaller component of western hemlock and red alder. Unit 1 has no prior management.

Unit 2 is comprised of Douglas-fir and red alder with a smaller component of western hemlock and minor elements of miscellaneous conifer like scattered Sitka spruce and noble fir, as well as a small number of bigleaf maple. Unit 2 has no prior management.

Unit 3 is a Douglas-fir dominant stand with a smaller component of red alder and Sitka spruce and minor elements of bigleaf maple. Unit 3 has no prior management.

The timber sale area previously burned in the 1933 Tillamook Burn and the 1945 Wilson River/Salmonberry fire.

Sale Unit	Age	Species	DBH	Merchantable Bole Height (feet)	Merchantable top (inches inside bark)
1	66	Douglas-fir	18.3	71	5
		Western hemlock	24.3	85	5
		Red alder	14.5	33	6
2	60	Douglas-fir	16.0	58	5
		Western hemlock	23.1	62	5
		Red alder	15.7	43	6
3	65	Douglas-fir	16.6	66	5
		Sitka Spruce	12.1	24	5
		Red alder	14.5	39	6

Above data derived from statistics (type) reports using SuperAce 2008, developed by Atterbury Consultants, Inc.

8. Cruiser /Dates

ODF staff cruised both units between September and October of 2022.

9. Revenue Distribution

BOF – 100%

Tax Code: 5601

Deed Numbers: 35, 70

10. Attachments

Volume Summary Table (3)

Log Stock Tables (3)

Species, Sort, Grade Table (3)

Logging Plan (1)

11. Stand and Log Stock Tables Species Key

DF – Douglas-fir take

DL – Douglas-fir leave

RA – red alder take

BM – bigleaf maple leave

WH – western hemlock

SS – Sitka spruce take

SL –Sitka spruce leave
NL – noble fir leave
OC – other conifer

T03N R09W S25 T0100										T03N R09W S25 T0100				
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt					
03N	09W	25	UNIT1	0100	45.00	16	127	S	W					

S Twp	So Rge	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre		
				Def%	Gross	Net		Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf			
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99							
DF	CO	2	51	1.3	9,920	9,795	441			54	46				100	40	16	406	2.25	24.1		
DF	CO	3	41	.7	7,884	7,829	352			90	10			2	1	97	39	9	112	0.83	69.8	
DF	CO	4	8		1,460	1,460	66	71	29					25	43	32	25	5	29	0.37	51.0	
DF	Totals		78	.9	19,264	19,083	859	5	39	32	24			3	4	94	34	9	132	0.99	144.9	
RA	H	4	100	3.5	1,631	1,574	71			94	6			18	9	20	52	30	7	45	0.68	35.0
RA	Totals		6	3.5	1,631	1,574	71			94	6			18	9	20	52	30	7	45	0.68	35.0
WH	CO	2	63	1.3	2,502	2,471	111			53	47				100	40	15	352	2.35	7.0		
WH	CO	3	32		1,220	1,220	55			27	49	24			100	40	10	164	1.15	7.4		
WH	CO	4	5		192	192	9	29	71					15	85		22	6	38	0.58	5.0	
WH	Totals		16	.8	3,915	3,883	175	1	12	49	37			1	4	95	35	11	199	1.54	19.5	
Type Totals				1.1	24,810	24,541	1,104	4	38	33	24			3	4	1	91	34	9	123	1.00	199.4

TC		Stand Table Summary														
TSTNDSUM		Project MCP														
T03N R09W S25 T0100											T03N R09W S25 T0100					
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page:	1							
03N	09W	25	UNIT1	0100	45.00	16	127	Date:	01/18/2021							
								Time:	9:05:58AM							
S Spc	T	Sample		Av	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals			
		DBH	Trees	FF 16'				Ht Tot	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF
DF		11	1	78	43	5.069	3.35	5.07	11.5	30.0	1.67	59	152	75	26	7
DF		12	2	82	71	8.519	6.69	8.52	19.6	60.0	4.77	167	511	215	75	23
DF		13	2	77	50	7.259	6.69	10.89	11.7	36.7	3.62	127	399	163	57	18
DF		15	4	83	82	10.905	13.38	19.08	21.2	72.9	11.52	404	1,390	518	182	63
DF		16	3	83	100	7.188	10.04	14.38	24.3	88.3	9.94	349	1,270	447	157	57
DF		17	5	81	104	10.612	16.73	23.35	24.7	90.0	16.46	578	2,101	741	260	95
DF		19	1	82	95	1.699	3.35	3.40	33.5	110.0	3.24	114	374	146	51	17
DF		20	4	83	101	6.134	13.38	13.80	35.6	127.8	14.02	492	1,763	631	221	79
DF		21	3	85	110	4.173	10.04	9.74	40.3	151.4	11.18	392	1,474	503	177	66
DF		22	3	84	110	3.802	10.04	8.87	45.3	172.9	11.47	402	1,533	516	181	69
DF		23	1	85	119	1.160	3.35	3.48	40.4	166.7	4.00	140	580	180	63	26
DF		25	3	86	114	2.944	10.04	7.85	50.7	211.2	11.34	398	1,659	510	179	75
DF		27	1	80	128	.841	3.35	2.52	57.2	216.7	4.11	144	547	185	65	25
DF		29	1	83	129	.729	3.35	2.19	67.6	293.3	4.22	148	642	190	67	29
DF		30	3	84	116	2.045	10.04	5.45	63.7	286.3	9.90	347	1,561	445	156	70
DF		31	2	86	142	1.277	6.69	3.83	87.4	401.7	9.54	335	1,538	429	151	69
DF		32	1	82	136	.599	3.35	1.80	85.0	396.7	4.35	153	713	196	69	32
DF		41	1	92	135	.365	3.35	.73	205.2	1200.0	4.27	150	876	192	67	39
DF		Totals	41	82	90	75.319	137.16	144.94	33.8	131.7	139.62	4,899	19,083	6,283	2,205	859
WH		18	1	85	110	2.526	4.46	5.05	36.1	135.0	5.83	182	682	262	82	31
WH		21	1	81	80	1.856	4.46	3.71	40.2	115.0	4.78	149	427	215	67	19
WH		24	1	81	67	1.421	4.46	2.84	45.6	110.0	4.15	130	313	187	58	14
WH		25	1	82	109	1.310	4.46	2.62	69.2	260.0	5.80	181	681	261	82	31
WH		27	1	83	128	1.123	4.46	3.37	61.3	256.7	6.61	207	865	298	93	39
WH		31	1	71	114	.852	4.46									
WH		36	1	78	138	.632	4.46	1.89	114.2	483.3	6.92	216	916	312	97	41
WH		Totals	7	81	102	9.720	31.25	19.49	54.7	199.2	34.10	1,066	3,883	1,534	479	175
RA		10	1	71	17	3.854	2.10	3.85	5.6	20.0	.59	21	77	27	10	3
RA		11	2	80	86	6.369	4.20	6.37	18.4	60.0	3.22	117	382	145	53	17
RA		12	1	75	46	2.676	2.10	2.68	13.3	30.0	.98	35	80	44	16	4
RA		13	2	77	66	4.560	4.20	4.56	22.6	50.0	2.84	103	228	128	46	10
RA		14	2	73	32	3.932	4.20	3.93	16.7	35.0	1.81	66	138	81	30	6
RA		15	1	77	59	1.713	2.10	1.71	31.9	60.0	1.50	55	103	68	25	5
RA		16	3	73	44	4.516	6.31	4.52	21.4	40.0	2.66	97	181	120	43	8
RA		18	3	73	52	3.568	6.31	3.57	23.2	36.7	2.28	83	131	102	37	6
RA		19	2	70	22	2.135	4.20	2.13	22.7	60.0	1.34	49	128	60	22	6
RA		21	1	76	53	.874	2.10	.87	59.8	90.0	1.44	52	79	65	24	4
RA		22	1	71	61	.796	2.10	.80	29.5	60.0	.65	23	48	29	11	2
RA		Totals	19	75	51	34.993	39.93	34.99	20.0	45.0	19.28	701	1,574	868	316	71
OC		20	1	80	53	.796	1.74									
OC		27	1	84	33	.437	1.74									
OC		30	1	83	74	.354	1.74									
OC		Totals	3	82	52	1.586	5.21									
Totals			70	80	79	121.618	213.56	199.42	33.4	123.1	193.00	6666	24,541	8,685	3,000	1,104

TC		TLOGSTVB		Log Stock Table - MBF														
Project:										MCP								
T03N R09W S25 T0100										T03N R09W S25 T0100								
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	1									
03N	09W	25	UNIT1	0100	45.00	16	127	Date	1/17/2023									
									Time	6:58:43AM								
Spp	T	So	Gr	Log	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
DF		CO	2	40	446	1.3	441	51.3				71	118	103	121		27	
DF		CO	3	20	8		8	.9				8						
DF		CO	3	27	2		2	.2										
DF		CO	3	40	345	.7	343	39.9			81	103	125	15	19			
DF		CO	4	12	1		1	.1		1	0							
DF		CO	4	13	1		1	.1		1								
DF		CO	4	14	2		2	.2		2								
DF		CO	4	15	2		2	.2		1		1						
DF		CO	4	16	6		6	.7			5	1						
DF		CO	4	17	1		1	.1		1								
DF		CO	4	19	2		2	.3		2								
DF		CO	4	20	1		1	.2			1							
DF		CO	4	21	1		1	.1			1							
DF		CO	4	22	1		1	.2				1						
DF		CO	4	23	2		2	.3			2							
DF		CO	4	25	4		4	.4			4							
DF		CO	4	26	8		8	.9		7		2						
DF		CO	4	29	8		8	1.0		7		1						
DF		CO	4	30	3		3	.4		3								
DF		CO	4	36	3		3	.4		3								
DF		CO	4	38	9		9	1.0		9								
DF		CO	4	40	10		10	1.1		4	6							
DF		Totals			867		859	77.8		46	94	111	133	86	138	103	121	27
RA	H	4	13		1		1	1.9			1							
RA	H	4	15		10		10	14.7			3	3		4				
RA	H	4	19		1		1	1.5			1							
RA	H	4	22		1		1	2.0			1							
RA	H	4	23		2		2	2.3			2							
RA	H	4	27		4		4	5.1			4							
RA	H	4	31		4		4	5.0			4							
RA	H	4	32		3		3	4.8			3							
RA	H	4	34		5	20.0	4	5.8			4							
RA	H	4	35		3		3	4.8			3							
RA	H	4	37		2		2	3.0			2							
RA	H	4	40		36	4.3	35	49.0			31	4						
RA		Totals			73	3.5	71	6.4		60	6		4					
WH		CO	2	40	113	1.3	111	63.6					36		50	25		
WH		CO	3	40	55		55	31.4			8	7		27	13			
WH		CO	4	15	1		1	.7			1							
WH		CO	4	23	2		2	1.2			2							
WH		CO	4	26	3		3	1.4		3								
WH		CO	4	28	3		3	1.6					3					
WH		Totals			176		175	15.8		3	11	7	3	62	63	25		
Total All Species					1,116	1.1	1,104	100.0		49	166	124	135	153	138	167	146	27

T TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1								
Project: MCP												Date 3/7/2023								
												Time 9:38:42AM								
T03N R08W S30 T00MC										T03N R08W S30 T00MC										
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt											
03N	08W	30	UNIT2	00MC	102.00	36	221	S	W											
Spp	So	Gr	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre
				Def%	Gross	Net		Log Scale Dia.				Log Length				Ln	Dia	Bd	CF/Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft		
DF	CO	2	42	1.9	5,155	5,058	516			64	36		2		98	39	15	368	2.14	13.7
DF	CO	3	38	1.6	4,556	4,485	457		96	4				1	99	40	9	123	0.91	36.4
DF	CO	4	20	.7	2,307	2,290	234	72	28			4	24	22	50	30	5	37	0.42	61.1
DF	Totals		64	1.5	12,018	11,833	1,207	14	42	29	15	2	5	5	89	35	8	106	0.85	111.2
RA	H	2	2		137	137	14			100					100	40	15	360	3.23	.4
RA	H	3	34	1.3	2,081	2,054	210		41	51	9				100	40	12	208	1.61	9.9
RA	H	4	64	1.9	3,895	3,822	390		100			2	15	11	72	33	7	58	0.69	65.6
RA	Totals		32	1.6	6,113	6,013	613		78	20	3	1	9	7	82	34	7	79	0.85	75.9
SL	CO	2	46	10.1	86	78	8			100			57		43	21	15	142	3.37	.5
SL	CO	3	27		46	46	5				100		100			20	24	500	7.13	.1
SL	CO	4	27		44	44	4	75	25					100		26	5	30	0.61	1.5
SL	Totals		1	4.9	177	168	17	19	7	46	28	54	26		20	24	9	80	1.47	2.1
WH	CO	2	58		254	254	26			100					100	40	23	974	5.27	.3
WH	CO	3	39		165	165	17		100						100	40	9	129	1.31	1.3
WH	CO	4	3		12	12	1	100				100				17	5	20	0.29	.6
WH	Totals		2		431	431	44	3	38	59		3		97		34	10	202	1.74	2.1
NL	CO	2	84		120	120	12			100					100	40	24	1010	5.51	.1
NL	CO	3	16		21	21	2		100						100	40	11	180	1.90	.1
NL	Totals		1		141	141	14		15	85				100		40	18	595	3.70	.2
Type Totals				1.6	18,879	18,586	1,896	9	53	25	13	2	6	5	87	34	8	97	0.87	191.6

TC		TSTNDSUM		Stand Table Summary												
Project														MCP		
T03N R08W S30 T00MC										T03N R08W S30 T00MC						
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page:	1							
03N	08W	30	UNIT2	00MC	102.00	36	221	Date:	03/07/2021							
								Time:	9:34:13AM							
S Spc	T	Sample		Av	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals			
		DBH	Trees	FF 16'				Ht Tot	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF
DF		8	1	69	17	4.209	1.47									
DF		9	2	79	53	6.651	2.94	6.65	7.5	30.0	1.43	50	200	146	51	20
DF		10	1	67	21	2.693	1.47	2.69	5.5	20.0	.42	15	54	43	15	5
DF		11	2	77	49	4.452	2.94	4.45	12.3	30.0	1.57	55	134	160	56	14
DF		12	3	79	58	5.611	4.41	5.61	17.0	43.3	2.72	95	243	277	97	25
DF		13	3	76	45	4.781	4.41	4.78	16.5	33.3	2.24	79	159	229	80	16
DF		14	3	84	96	4.123	4.41	8.25	18.0	70.0	4.24	149	577	432	152	59
DF		15	5	81	86	5.986	7.35	10.77	21.3	71.1	6.55	230	766	668	234	78
DF		16	9	83	96	9.469	13.22	17.89	25.3	90.0	12.88	452	1,610	1,314	461	164
DF		17	4	83	96	3.728	5.88	7.46	27.1	95.0	5.76	202	708	588	206	72
DF		18	6	81	85	4.988	8.81	9.14	30.7	93.6	8.00	280	856	816	286	87
DF		19	4	84	100	2.984	5.88	6.72	31.0	108.9	5.94	208	731	606	213	75
DF		20	2	84	110	1.347	2.94	2.69	41.3	137.5	3.17	111	370	323	114	38
DF		21	3	82	116	1.832	4.41	4.28	41.1	147.1	5.00	176	629	510	179	64
DF		22	3	83	112	1.670	4.41	3.90	45.2	170.0	5.02	176	662	512	180	68
DF		23	5	86	102	2.546	7.35	6.11	44.9	171.7	7.82	274	1,049	797	280	107
DF		24	4	84	107	1.870	5.88	4.68	47.6	182.0	6.35	223	851	648	227	87
DF		26	2	83	100	.797	2.94	1.99	49.2	212.0	2.79	98	422	285	100	43
DF		27	1	80	98	.369	1.47	.74	69.9	235.0	1.47	52	174	150	53	18
DF		30	1	86	71	.299	1.47	.30	123.3	460.0	1.05	37	138	107	38	14
DF		33	1	92	138	.247	1.47	.74	98.1	520.0	2.07	73	386	212	74	39
DF		36	1	91	154	.208	1.47	.62	131.5	770.0	2.34	82	480	238	84	49
DF		41	1	80	115	.160	1.47	.32	182.2	710.0	1.66	58	228	170	60	23
DF		42	1	86	153	.153	1.47	.46	173.3	886.7	2.26	79	406	231	81	41
DF		Totals	68	80	76	71.174	99.90	111.24	29.3	106.4	92.75	3,254	11,833	9,460	3,319	1,207
RA		10	1	83	56	3.197	1.74	3.20	10.4	30.0	.91	33	96	93	34	10
RA		11	3	73	50	7.927	5.23	5.28	10.8	45.0	1.58	57	238	161	58	24
RA		12	2	69	56	4.441	3.49	4.44	16.8	40.0	2.05	74	178	209	76	18
RA		13	7	72	56	13.244	12.21	11.35	22.6	58.3	7.05	256	662	719	261	68
RA		14	5	79	54	8.157	8.72	8.16	23.2	58.0	5.20	189	473	531	193	48
RA		15	2	68	64	2.842	3.49	2.84	30.4	50.0	2.37	86	142	242	88	14
RA		16	6	80	74	7.494	10.46	11.24	27.6	82.2	8.54	311	924	871	317	94
RA		17	10	79	65	11.064	17.44	13.28	29.9	90.0	10.91	397	1,195	1,113	405	122
RA		18	3	84	82	2.961	5.23	4.93	34.1	110.0	4.63	168	543	473	172	55
RA		20	1	80	92	.799	1.74	1.60	39.5	120.0	1.74	63	192	177	64	20
RA		21	3	76	63	2.175	5.23	2.90	44.9	102.5	3.58	130	297	365	133	30
RA		22	2	82	65	1.321	3.49	1.98	50.2	136.7	2.73	99	271	279	101	28
RA		24	1	83	78	.555	1.74	1.11	52.4	160.0	1.60	58	178	163	59	18
RA		25	1	82	73	.512	1.74	.51	48.2	120.0	.68	25	61	69	25	6
RA		26	1	75	62	.473	1.74	.47	101.2	200.0	1.32	48	95	134	49	10
RA		29	3	81	75	1.141	5.23	1.90	70.1	194.0	3.67	133	369	374	136	38
RA		31	1	72	70	.333	1.74	.67	85.8	150.0	1.57	57	100	160	58	10
RA		33	1	71	58	.294	1.74									
RA		Totals	53	76	62	68.929	92.43	75.87	28.8	79.3	60.13	2,187	6,013	6,133	2,230	613
WH		17	1	83	73	.592	.93	1.18	22.6	70.0	.86	27	83	88	27	8
WH		20	1	77	70	.428	.93	.43	56.9	120.0	.78	24	51	80	25	5
WH		34	1	83	102	.148	.93	.30	125.1	495.0	1.19	37	147	121	38	15
WH		39	1	82	99	.113	.93	.23	162.0	665.0	1.17	36	150	119	37	15
WH		Totals	4	81	78	1.281	3.73	2.13	58.4	201.8	3.99	125	431	407	127	44
SL		14	1	72	34	1.092	1.17	1.09	16.3	30.0	.57	18	33	58	18	3

TC		TSTNDSUM		Stand Table Summary												
Project														MCP		
T03N R08W S30 T00MC										T03N R08W S30 T00MC						
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page:	2		Date:	03/07/2022				
03N	08W	30	UNIT2	00MC	102.00	36	221	Time:	9:34:13AM							
Spc	T	Sample		Av	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals			
		DBH	Trees	FF 16'				Ht Tot	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF
SL		24	1	66	51	.371	1.17	.74	23.1	75.0	.55	17	56	56	17	6
SL		35	1	83	51	.175	1.17	.17	152.1	190.0	.85	27	33	87	27	3
SL		48	1	68	28	.093	1.17	.09	142.6	500.0	.50	13	46	51	14	5
SL		Totals	4	72	39	1.731	4.67	2.10	35.5	80.0	2.47	75	168	251	76	17
NL		38	1	83	100	.119	.93	.24	148.2	595.0	.84	35	141	86	36	14
NL		Totals	1	83	100	.119	.93	.24	148.2	595.0	0.84	35	141	86	36	14
BM		17	1	77	44	1.185	1.87									
BM		Totals	1	77	44	1.185	1.87									
OC		22	1	80	18	.354	.93									
OC		24	2	81	69	.594	1.87									
OC		Totals	3	81	50	.948	2.80									
Totals			134	78	68	145.365	206.33	191.58	29.6	97.0	160.18	5675	18,586	16,338	5,789	1,896

TC		TLOGSTVB		Log Stock Table - MBF															
Project:										MCP									
T03N R08W S30 T00MC										T03N R08W S30 T00M									
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	1										
03N	08W	30	UNIT2	00MC	102.00	36	221	Date	3/7/2023										
								Time	9:37:39AM										
Spp	T	So	Gr	Log	Gross	% Def	Net	% Spc	Net Volume by Scaling Diameter in Inches										
									MBF	MBF	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23
DF	CO	2	16		10		10	.8							10				
DF	CO	2	40		516	1.9	506	41.9				115	122	144	31	72	24		
DF	CO	3	32		2		2	.2			2								
DF	CO	3	34		2		2	.2		2									
DF	CO	3	39		3		3	.2		3									
DF	CO	3	40		457	1.6	450	37.3		32	159	241	18						
DF	CO	4	10																
DF	CO	4	12		1		1	.0		1									
DF	CO	4	13		1		1	.1			1								
DF	CO	4	14		1		1	.1		1	1								
DF	CO	4	16		5		5	.5		5									
DF	CO	4	20		2		2	.1		2									
DF	CO	4	22		5		5	.4		5									
DF	CO	4	23		5		5	.4		5									
DF	CO	4	24		26		26	2.2		19	7								
DF	CO	4	25		2		2	.1		2									
DF	CO	4	27		4	20.7	3	.3		3									
DF	CO	4	28		4		4	.3		4									
DF	CO	4	29		9		9	.8		7	2								
DF	CO	4	30		4		4	.3		4									
DF	CO	4	31		4		4	.3		4									
DF	CO	4	32		23		23	1.9		23									
DF	CO	4	33		13		13	1.0		13									
DF	CO	4	34		9	9.9	8	.6		4	3								
DF	CO	4	35		4		4	.3		4									
DF	CO	4	36		34		34	2.8		34									
DF	CO	4	38		3		3	.3		3									
DF	CO	4	40		78		78	6.5		26	6	46							
DF	Totals				1,226	1.5	1,207	63.7		167	56	209	241	133	122	153	31	72	24
RA	H	2	40		14		14	2.3					14						
RA	H	3	40		212	1.3	210	34.2				86	80	26	18				
RA	H	4	12		1		1	.2			1								
RA	H	4	16		5		5	.8		4	1								
RA	H	4	19		2		2	.3		2									
RA	H	4	22		2		2	.4		2									
RA	H	4	23		8		8	1.3		8									
RA	H	4	24		10		10	1.6		10									
RA	H	4	26		6		6	1.0		6									
RA	H	4	27		1		1	.2		1									
RA	H	4	28		20		20	3.3		20									
RA	H	4	29		5		5	.8		5									
RA	H	4	30		6	25.0	4	.7		4									
RA	H	4	31		8		8	1.3		8									
RA	H	4	32		17		17	2.8		17									
RA	H	4	34		17		17	2.7		17									
RA	H	4	36		41		41	6.6		41									
RA	H	4	37		12	16.7	10	1.6		10									
RA	H	4	38		4		4	.7		4									
RA	H	4	40		232	1.8	228	37.1		71	119	37							

T03N R08W S30 T00MC **T03N R08W S30 T00M**
Twp Rge Sec Tract Type Acres Plots Sample Trees **Page 2**
03N 08W 30 UNIT2 00MC 102.00 36 221 **Date 3/7/2023**
Time 9:37:39AM

SPP	S	So	Gr	Log	Gross	% Def	Net	% Spc	Net Volume by Scaling Diameter in Inches											
									T	rt	de	Len	MBF	MBF	2-3	4-5	6-7	8-9	10-11	12-13
RA	Totals				624	1.6	613	32.4			232	121	123	80	40	18				
SL	CO	2	12		5		5	26.5							5					
SL	CO	2	40		4	20.8	3	19.7					3							
SL	CO	3	20		5		5	27.6											5	
SL	CO	4	22		1		1	6.6			1									
SL	CO	4	27		3		3	19.5			3									
SL	Totals				18	4.9	17	.9			3	1		3		5				5
WH	CO	2	40		26		26	58.9										13		13
WH	CO	3	40		17		17	38.3			12	4								
WH	CO	4	17		1		1	2.8			1									
WH	Totals				44		44	2.3			1	12	4					13		13
NL	CO	2	40		12		12	84.9												12
NL	CO	3	40		2		2	15.1				2								
NL	Totals				14		14	.8				2								12
Total All Species					1,926	1.6	1,896	100.0			172	289	342	370	216	162	176	43	102	24

T03N R08W S30 T00MC										T03N R08W S30 T00MC				
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt					
03N	08W	30	UNIT3	00MC	64.00	23	162	S	W					

Spp	So	Gr	%	Bd. Ft. per Acre			Total	Percent Net Board Foot Volume								Average Log				Logs Per /Acre				
								Net	Gross	Net	Net MBF	Log Scale Dia.				Log Length					Ln	Dia	Bd	CF/Lf
												Def%	4-5	6-11	12-16	17+	12-20	21-30	31-35					
DF	CO	2	46	.3	11,741	11,709	749			64	36			1			99	40	15	339	2.01	34.6		
DF	CO	3	37	1.1	9,178	9,074	581			94	6				1	0	99	40	9	123	0.85	74.0		
DF	CO	4	17		4,143	4,143	265	60	40					17	12	10	62	30	5	37	0.41	111.2		
DF	Totals		82	.5	25,061	24,925	1,595	10	41	32	17			4	2	2	93	35	8	113	0.87	219.8		
RA	H	3	13	5.6	590	557	36										100	40	10	150	1.41	3.7		
RA	H	4	87	.9	3,461	3,430	220							11	6	17	66	31	7	58	0.71	59.1		
RA	Totals		13	1.6	4,051	3,987	255							10	6	14	71	31	7	64	0.76	62.8		
SS	CO	2	33		368	368	24										100	40	16	400	3.49	.9		
SS	CO	4	67		722	722	46	96	4					32	47	20		23	5	25	0.43	28.5		
SS	Totals		4		1,091	1,091	70	64	3	34				21	31	14	34	23	5	37	0.60	29.5		
SL	CO	4	100		66	66	4	100									100	30	5	30	0.77	2.2		
SL	Totals		0		66	66	4	100									100	30	5	30	0.77	2.2		
BM	H	4	100		157	157	10										100	44	6	160	1.08	1.0		
BM	Totals		1		157	157	10										100	44	6	160	1.08	1.0		
Type Totals				.7	30,427	30,227	1,934	11	48	28	14			5	4	4	87	33	8	96	0.83	315.3		

TC		TSTNDSUM											Stand Table Summary			
Project														MCP		
T03N R08W S30 T00MC											T03N R08W S30 T00MC					
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page:	1		Date: 01/17/2021					
03N	08W	30	UNIT3	00MC	64.00	23	162	Time:	7:34:43AM							
S Spc	T	Sample		Av	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals			
		DBH	Trees	FF 16'				Ht Tot	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF
DF		9	1	79	49	5.988	2.65	5.99	3.9	20.0	.66	23	120	42	15	8
DF		10	2	75	42	9.701	5.29	9.70	7.5	25.0	2.07	73	243	133	47	16
DF		11	3	83	71	12.026	7.94	12.03	13.5	36.7	4.62	162	441	296	104	28
DF		12	4	82	71	13.473	10.58	16.84	15.1	44.0	7.25	255	741	464	163	47
DF		13	6	81	80	17.220	15.87	25.83	16.2	48.9	11.96	419	1,263	765	268	81
DF		14	1	83	92	2.475	2.65	4.95	16.2	55.0	2.29	80	272	147	51	17
DF		15	1	82	106	2.156	2.65	4.31	21.9	80.0	2.69	94	345	172	60	22
DF		16	5	83	100	9.473	13.23	18.95	25.4	97.0	13.70	481	1,838	877	308	118
DF		17	7	83	99	11.748	18.52	23.50	28.7	102.1	19.20	674	2,400	1,229	431	154
DF		18	5	82	109	7.485	13.23	11.98	36.7	131.3	12.51	439	1,572	801	281	101
DF		19	2	85	117	2.687	5.29	6.72	30.4	112.0	5.82	204	752	372	131	48
DF		20	8	83	112	9.701	21.16	23.04	34.4	121.6	22.57	792	2,801	1,445	507	179
DF		21	5	82	120	5.499	13.23	13.20	40.2	150.0	15.10	530	1,980	967	339	127
DF		22	6	86	125	6.013	15.87	16.03	41.5	174.4	18.97	666	2,796	1,214	426	179
DF		23	2	85	125	1.834	5.29	4.58	46.9	198.0	6.13	215	908	393	138	58
DF		24	1	85	127	.842	2.65	2.53	47.4	203.3	3.41	120	514	218	77	33
DF		26	1	80	95	.718	2.65	1.44	41.9	155.0	1.71	60	222	110	38	14
DF		27	2	84	120	1.331	5.29	3.99	56.0	233.3	6.38	224	931	408	143	60
DF		28	1	78	118	.619	2.65	1.86	59.2	223.3	3.13	110	415	201	70	27
DF		29	2	83	137	1.153	5.29	3.46	69.7	306.7	6.87	241	1,061	440	154	68
DF		30	3	82	131	1.617	7.94	4.85	71.6	316.7	9.89	347	1,536	633	222	98
DF		31	1	85	130	.505	2.65	1.51	79.8	363.3	3.44	121	550	220	77	35
DF		32	1	82	129	.474	2.65	1.42	84.2	393.3	3.41	120	559	218	77	36
DF		36	1	85	139	.374	2.65	1.12	115.5	593.3	3.70	130	666	237	83	43
DF	Totals		71	82	90	125.110	187.83	219.82	29.9	113.4	187.50	6,579	24,925	12,000	4,210	1,595
RA		10	2	68	59	8.883	4.84	8.88	9.8	35.0	2.41	87	311	154	56	20
RA		11	2	72	62	7.341	4.84	7.34	16.2	55.0	3.27	119	404	209	76	26
RA		12	3	72	59	9.253	7.27	6.17	21.4	60.0	3.63	132	370	232	84	24
RA		13	2	76	71	5.256	4.84	5.26	28.5	90.0	4.12	150	473	263	96	30
RA		14	1	70	53	2.266	2.42	4.53	9.1	25.0	1.14	41	113	73	26	7
RA		15	1	69	55	1.974	2.42	1.97	20.7	30.0	1.12	41	59	72	26	4
RA		16	5	76	68	8.674	12.11	8.67	34.1	80.0	8.14	296	694	521	189	44
RA		17	2	75	69	3.074	4.84	4.61	23.0	60.0	2.92	106	277	187	68	18
RA		18	4	75	53	5.483	9.69	6.85	26.6	70.0	5.01	182	480	320	116	31
RA		19	4	74	68	4.921	9.69	7.38	37.3	86.7	7.58	276	640	485	176	41
RA		20	1	78	81	1.110	2.42	1.11	61.3	150.0	1.87	68	167	120	44	11
RA		23	1	69	57	.840	2.42									
RA	Totals		28	73	62	59.074	67.83	62.78	23.9	63.5	41.19	1,498	3,987	2,636	959	255
SS		9	1	77	52	10.235	4.52	10.24	5.2	20.0	1.38	53	205	89	34	13
SS		11	2	74	49	13.703	9.04	13.70	9.4	25.0	3.33	128	343	213	82	22
SS		15	1	77	62	3.685	4.52	3.68	23.2	40.0	2.22	85	147	142	55	9
SS		30	1	79	83	.921	4.52	1.84	77.2	215.0	3.70	142	396	237	91	25
SS	Totals		5	76	53	28.544	22.61	29.47	13.9	37.0	10.64	409	1,091	681	262	70
BM		18	1	78	79	.984	1.74	.98	47.6	160.0	1.24	47	157	80	30	10
BM	Totals		1	78	79	.984	1.74	.98	47.6	160.0	1.24	47	157	80	30	10
SL		17	1	81	36	2.207	3.48	2.21	23.0	30.0	1.40	51	66	89	32	4
SL	Totals		1	81	36	2.207	3.48	2.21	23.0	30.0	1.40	51	66	89	32	4
Totals			106	79	77	215.919	283.48	315.26	27.2	95.9	241.96	8583	30,227	15,486	5,493	1,934

TC		TLOGSTVB		Log Stock Table - MBF				Project: MCP										
T03N R08W S30 T00MC								T03N R08W S30 T00M										
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	1									
03N	08W	30	UNIT3	00MC	64.00	23	162	Date	1/17/2023									
								Time	7:34:41AM									
Spp	T	So	Gr	Log	Gross	% Def	Net	% Spc	Net Volume by Scaling Diameter in Inches									
									MBF	MBF	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19
DF	CO	2	16		11		11	.7							11			
DF	CO	2	40		740	.3	738	46.3				214	241	160	96	28		
DF	CO	3	25		2		2	.1			2							
DF	CO	3	29		2		2	.2			2							
DF	CO	3	32		3		3	.2			3							
DF	CO	3	40		581	1.1	574	36.0		81	113	345	24	11				
DF	CO	4	13		1		1	.1		1								
DF	CO	4	14		3		3	.2		3								
DF	CO	4	15		2		2	.1		2								
DF	CO	4	16		18		18	1.1		17	1							
DF	CO	4	17		8		8	.5		8								
DF	CO	4	18		1		1	.1		1								
DF	CO	4	19		5		5	.3		5								
DF	CO	4	20		8		8	.5		8								
DF	CO	4	21		1		1	.1		1								
DF	CO	4	22		3		3	.2		2	1							
DF	CO	4	23		1		1	.1		1								
DF	CO	4	24		7		7	.4		4	3							
DF	CO	4	26		2		2	.1		2								
DF	CO	4	27		2		2	.1		2								
DF	CO	4	28		9		9	.6		9								
DF	CO	4	29		2		2	.1		2								
DF	CO	4	30		3		3	.2		3								
DF	CO	4	32		8		8	.5		8								
DF	CO	4	33		5		5	.3		5								
DF	CO	4	35		13		13	.8		13								
DF	CO	4	36		10		10	.6		10								
DF	CO	4	38		7		7	.5		7								
DF	CO	4	39		4		4	.3		4								
DF	CO	4	40		142		142	8.9		46	82	14						
DF	Totals				1,604		1,595	82.5		158	167	138	347	238	252	171	96	28
RA	H	3	40		38	5.6	36	14.0				36						
RA	H	4	12		1		1	.6		1								
RA	H	4	13		2		2	.8		2								
RA	H	4	14		2		2	.7		2								
RA	H	4	15		6		6	2.2		6								
RA	H	4	16		8		8	3.1		8								
RA	H	4	19		6		6	2.3			6							
RA	H	4	21		2		2	.9		2								
RA	H	4	24		4		4	1.7			4							
RA	H	4	26		4		4	1.5		4								
RA	H	4	30		4		4	1.4		4								
RA	H	4	33		14		14	5.6		14								
RA	H	4	34		22		22	8.7		22								
RA	H	4	37		6		6	2.3		6								
RA	H	4	38		7		7	2.6		7								
RA	H	4	40		91	2.2	89	34.8		14	63	12						
RA	H	4	52		21		21	8.3		21								
RA	H	4	56		22		22	8.6		22								
RA	Totals				259	1.6	255	13.2		134	73	47						

Log Stock Table - MBF

Project: MCP

T03N R08W S30 T00MC

T03N R08W S30 T00M

Twp Rge Sec Tract
03N 08W 30 UNIT3

Type Acres Plots Sample Trees
00MC 64.00 23 162

Page 2
Date 1/17/2023
Time 7:34:41AM

Spp	T	S	So	Gr	Log	Gross	% Def	Net	% Spc	Net Volume by Scaling Diameter in Inches									
										MBF	MBF	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19
SS		CO	2	40		24		24	33.8						24				
SS		CO	4	17		2		2	2.5				2						
SS		CO	4	18		13		13	18.8		13								
SS		CO	4	21		9		9	12.6		9								
SS		CO	4	26		13		13	18.8		13								
SS		CO	4	34		9		9	13.5		9								
SS		Totals				70		70	3.6		44		2		24				
SL		CO	4	30		4		4	100.0		4								
SL		Totals				4		4	.2		4								
BM		H	4	44		10		10	100.0		10								
BM		Totals				10		10	.5		10								
Total All Species						1,947		1,934	100.0		207	312	213	395	238	252	194	96	28



"STEWARDSHIP IN FORESTRY"

Dry Creek

Volume Summary

Unit 1-Modified Clearcut				
45 acres				
SPECIES	Cruised Net	Cruised Net	Hidden	Net Sale
	MBF/ Acre	MBF	D&B	MBF
Douglas-fir	19.08	859	5%	816
Hemlock	3.88	175	2%	172
Spruce		0	1%	0
Noble Fir		0	1%	0
Alder	1.57	71	2%	70
TOTAL	24.53	1105.0		1058

Unit 2-Modified Clearcut				
102 acres				
SPECIES	Cruised Net	Cruised Net	Hidden	Net Sale
	MBF/ Acre	MBF	D&B	MBF
Douglas-fir	11.83	1207	5%	1147
Hemlock	0.43	44	2%	43
Spruce		0	1%	0
Noble Fir		0	1%	0
Alder	6.01	613	2%	601
TOTAL	18.27	1864		1791

Unit 3- Modified Clearcut				
64 acres				
SPECIES	Cruised Net	Cruised Net	Hidden	Net Sale
	MBF/ Acre	MBF	D&B	MBF
Douglas-fir	24.93	1595	5%	1515
Hemlock		0	2%	0
Spruce	1.09	70	1%	69
Noble Fir		0	1%	0
Alder	3.99	255	2%	250
TOTAL	30.01	1920		1834

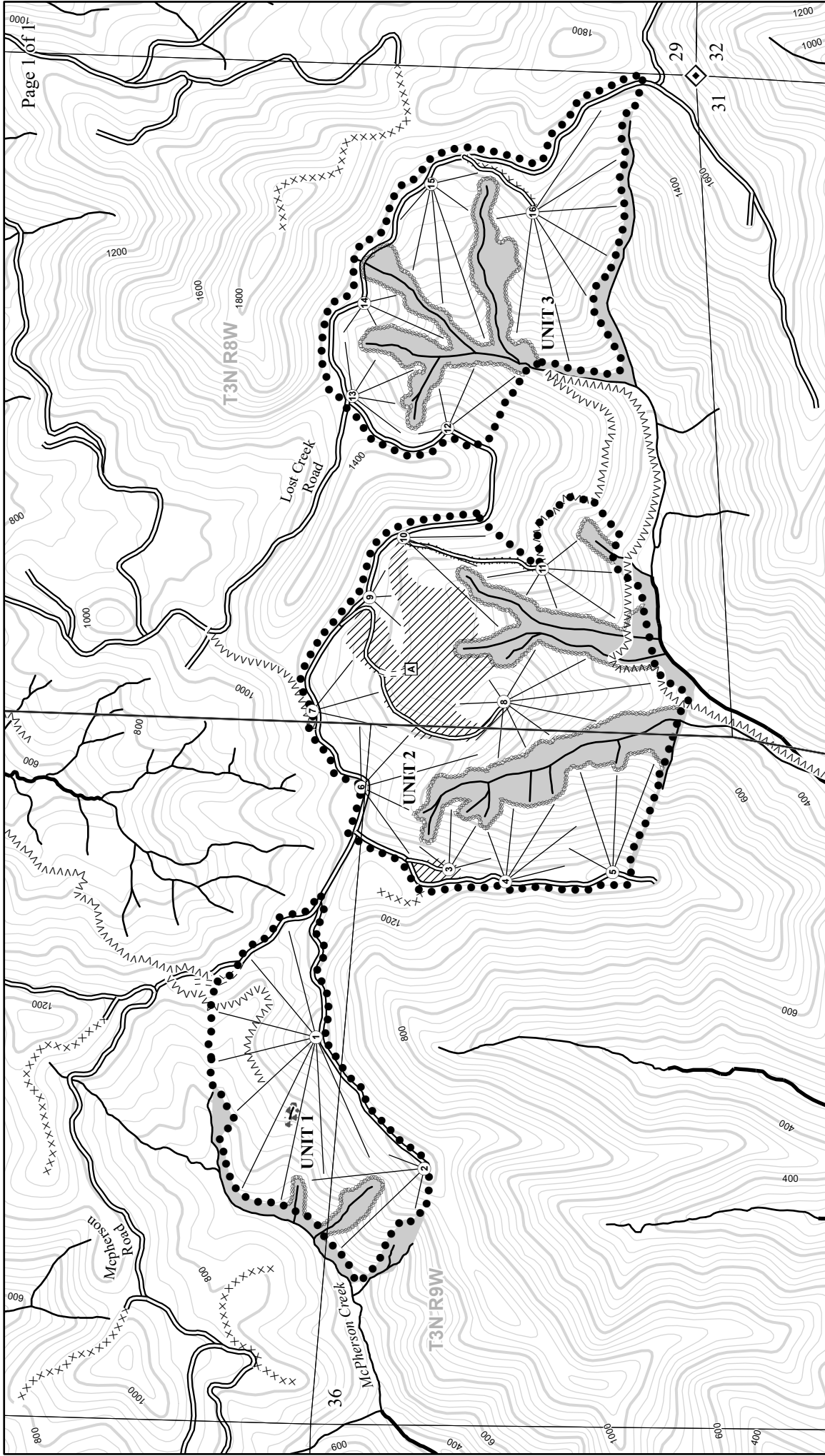


"STEWARDSHIP IN FORESTRY"

Dry Creek

Volume Summary

TOTAL SALE VOLUME		211	acres
SPECIES	Cruised Net (MBF)	Net Sale (MBF)	
Douglas-fir	3661	3477	
Hemlock	219	215	
Spruce	70	69	
Noble Fir	0	0	
Red Alder	939	922	
TOTAL	4889	4683	



- Legend**
- ◆ Corners
 - Cable Landing
 - Tractor Landing
 - ▨ Cable Logging
 - ▨ Ground Based
 - ▨ Surfaced Road
 - ▨ Unsurfaced Road
 - xxx Blocked Road
 - v v v v Abandoned Road
 - Type-F Stream
 - Type-N Stream
 - ▨ Green Tree Retention
 - Sections
 - 200' Contour
 - 40' Contour
 - ▨ Riparian Boundary
 - Timber Sale Boundary

LOGGING PLAN

FOR TIMBER SALE CONTRACT TL-341-2024-W00959-01
 DRY CREEK

PORTIONS OF SECTIONS 25, 36 of T3N R9W &
 SECTION 30 of T3N, R8W, W.M.
 TILLAMOOK COUNTY, OREGON

Tillamook District GIS
 FEBRUARY, 2023

This product is for informational use and may not be
 suitable for legal, engineering, or surveying purposes.

NET ACRES			
	GROUND	CABLE	TOTAL
UNIT 1	0	45	45
UNIT 2	19	82	102
UNIT 3	0	64	64
TOTAL	19	191	211

1 inch = 1,000 feet
 0 1,000 2,000 Feet