



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pitter Patter Salvage
Sale WL-341-2025-W01245-02

District: Western Lane

Date: November 20, 2024

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$340,240.52	\$3,981.32	\$344,221.84
		Project Work:	(\$153,170.40)
		Advertised Value:	\$191,051.44



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District: Western Lane

Date: November 20, 2024

Timber Description

Location: T17S R9W Sec. 24 & 25

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	19	0	95
Western Hemlock / Fir	16	0	95
Alder (Red)	12	0	95

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	830	286	0	1,116
Western Hemlock / Fir	212	102	0	314
Red Cedar	0	0	0	0
Alder (Red)	0	0	118	118
Total	1,042	388	118	1,548

Comments: Pond Values Used: Local Pond Values, November 2024

Western red cedar and Other Cedars Stumpage Price = Pond Value minus Logging Costs:
 $\$849.47/\text{MBF} = \$1,285/\text{MBF} - \$435.53/\text{MBF}$

Red alder stumpage price:
 $\$33.99/\text{MBF} = \$490/\text{MBF} - \$456.01$

Bigleaf maple and Other Hardwoods = $\$0/\text{MBF}$

Pulp Price (Conifer and Hardwood) = $\$2.00/\text{TON}$

Conifer Utility SC & PC = $\$30$

Hauling Cost Allowance = $\$1,250/\text{DAY}$

Other Costs (with profit & risk to be added): None

Other Costs (No profit & risk added)

Equipment wash prior to move-in = $\$500$

Landing Slash piling = $\$2,000$

Final Road Maintenance = $\$16,292$

TOTAL Other Costs (No profit & risk added) = $\$18,792$



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Logging Conditions

Combination#: 1	Douglas - Fir	100.00%
	Western Hemlock / Fir	100.00%
	Alder (Red)	100.00%
Logging System:	Cable: Large Tower ≥ 70	Process: Harvester Head Delimbing
yarding distance:	Long (1,500 ft)	downhill yarding: No
tree size:	Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF	
loads / day:	8	bd. ft / load: 4100
cost / mbf:	\$261.55	
machines:	Log Loader (A)	
	Forwarder	
	Harvester	
	Tower Yarder (Large)	



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Logging Costs

Operating Seasons: 1.00	Profit Risk: 12%
Project Costs: \$153,170.40	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$18,792.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	5.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	4.1
Western Hemlock / Fir	\$0.00	3.0	3.8
Alder (Red)	\$0.00	3.0	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 - Fir									
\$261.55	\$5.36	\$2.84	\$106.71	\$0.00	\$45.18	\$0.00	\$2.00	\$12.14	\$435.78
Western Hemlock / Fir									
\$261.55	\$5.36	\$2.84	\$115.13	\$0.00	\$46.19	\$0.00	\$2.00	\$12.14	\$445.21
Alder (Red)									
\$261.55	\$5.36	\$2.84	\$125.00	\$0.00	\$47.37	\$0.00	\$2.00	\$12.14	\$456.26

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$723.34	\$287.56	\$0.00
Western Hemlock / Fir	\$0.00	\$506.75	\$61.54	\$0.00
Alder (Red)	\$0.00	\$490.00	\$33.74	\$0.00



Timber Sale Appraisal
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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
Alder (Red)	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	1,116	\$287.56	\$320,916.96
Western Hemlock / Fir	314	\$61.54	\$19,323.56
Alder (Red)	118	\$33.74	\$3,981.32

Gross Timber Sale Value

Recovery: \$344,221.84

Prepared By: Griffin Puls

Phone: 541-935-2283

Pitter Patter Salvage
WL-341-2025-W01245-02
Combined Project Costs

Project 1	Exisiting <u>Dirt Road</u> Rocking	\$ 119,117.73
Project 2	Road Maintenance; Grading, Spread and Compact Rock Lift	\$ 32,452.67
Project 3	Move In Equipment	\$ 1,600.00
TOTAL PROJECT COSTS		\$ 153,170.40

State Timber Sale Contract WL-341-2025-W01245-02 Pitter Patter Salvage		Road Rocking and Compaction	
Rock Source:		Commercial	
Rock Quantity (Inplace)			
Work Type	Improvement	Maintenance	
Base Rock	Beecher Creek Road	Beecher Creek Road	TOTAL
Rock Size	3'-0"	3'-0"	
Stations	51.20	217.30	268.00
Approx yds/sta	33		
Subtotal base (cu. yds)	1690	0	1690
Cap Rock	Beecher Creek Road	Beecher Creek Road	TOTAL
Rock Size	1 1/2'-0"	1 1/2'-0"	
Stations	51.20	217.30	268.00
Approx yds/sta	11		
Subtotal cap (cu. yds)	560	0	560
Landings	Beecher Creek Road	Beecher Creek Road	TOTAL
Rock Size	Pit Run	Pit Run	
# of landings	1.00		1.00
Approx yds/sta	40		
Subtotal (cu. yds)	40	0	40
Turnout/Around Rock	Beecher Creek Road	Beecher Creek Road	TOTAL
Rock Size	3'-0"	Pit Run	
Turnouts and Turn-Arounds	3		3.00
Approx cu. yds	20		
Subtotal	60	0	60
Spot and Curve Widening Rock	Beecher Creek Road	Beecher Creek Road	TOTAL
Rock Size	3'-0"	1 1/2'-0"	
Number of Points	1	40	
Approx cu. yds	40	10	
Subtotal	40	400	440
Cubic Yards	Beecher Creek Road	Beecher Creek Road	Total
Total Rock Volume	2390	400	2790
ROCK COST (Rock + Delivery)			
Road Segment/Name	Beecher Creek Road	Beecher Creek Road	TOTAL
Base Rock	3'-0"	3'-0"	
Approx cu. yds	1690	0	1690
Cost/yd (includes load/spread)	\$ 45.63	\$ 45.63	
Subtotal Cost	\$ 77,109	\$ -	\$ 77,109
Cap Rock	1 1/2'-0"	1 1/2'-0"	
Approx cu. yds	560	0	560
Cost/yd (includes load/spread)	\$ 46.33	\$ 46.33	
Subtotal Cost	\$ 25,943	\$ -	\$ 25,943
Landing Rock	Pit Run	Pit Run	
Approx cu. yds	40	0	40
Cost/yd (includes load/spread)	\$ 37.93	\$ 37.93	
Subtotal Cost	\$ 1,517.07	\$ -	\$ 1,517
Turnout/Around Rock	3'-0"	Pit Run	
Approx cu. yds	60	0	60
Cost/yd (includes load/spread)	\$ 45.63	\$ 37.93	
Subtotal Cost	\$ 2,737.60	\$ -	\$ 2,738
Spot and Curve Widening Rock	3'-0"	1 1/2'-0"	
Approx cu. yds	40	400	440
Cost/yd (includes load/spread)	\$ 45.63	\$ 46.33	
Subtotal Cost	\$ 1,825.07	\$ 18,530.67	\$ 20,356
Grand total quarry approx yds	2390	400	2790
Total Quarry Rock Cost	\$ 109,132	\$ 18,531	\$ 127,663
Compaction w/Processing (Stations)	Beecher Creek Road	Beecher Creek Road	TOTAL
Cost/cu. Yds	\$3.00	\$3.00	
Subtotal Processing	\$ 7,170	\$ 1,200	\$ 8,370
\$/yd³ rock in place & compacted	Beecher Creek Road	Beecher Creek Road	Total
Total Rock Costs	\$ 116,302	\$ 19,731	\$ 136,032
Subgrade Maintenance Treatment			
Compaction w/ Roller Surface Rock	Beecher Creek Road	Beecher Creek Road	TOTAL
Road Stations		10	10
Cost/STA	\$ 77.19	\$ 77.19	
Subtotal	\$ -	\$ 772	\$ 772
Grade and Shape (Including ditch and culvert cleaning)	Beecher Creek Road	Beecher Creek Road	TOTAL
Road Stations	51.2	217.3	268.5
Cost/STA	\$ 54.99	\$ 54.99	
Subtotal	\$ 2,816	\$ 11,950	\$ 14,766
Total Rocking, Compaction, and Maintenance Costs		\$ 151,570	
Road Rocking and Compaction Cost Split Summary			
Project 1	Existing Dirt Road Rocking	\$	119,118
Project 2	Road Maintenance	\$	32,453
Rocking Cost Total		\$	151,570

Move-in included in subgrade construction
Due to rounding, the numbers in the table above may not add up to the totals shown.

State Timber Sale Contract
Pitter Patter Salvage
WL-341-2025-W01245-02

Move-In

Move in Cost	Initial
D-7 Cat	
Dump Truck	\$ 200
Grader	\$ 800
Small Excavator	
Vibratory Roller	\$ 500
Water Truck	\$ 100
Large Excavator	

Move In Cost \$ 1,600.00

State Timber Sale Contract
 WL-341-2025-W01245-02
 Pitter Patter Salvage

Final Road Maintenance Cost Summary

Totals	Beecher Creek Road	TOTAL
Stations	268.5	
Cost/Sta	\$ 53.23	
Total Cost	\$ 14,292.31	\$ 14,292

Spot Rocking	Beecher Creek Road	TOTAL
Total Yds	200	
Rock Size	1 1/2"-0"	
\$/yd	\$46.33	
Subtotal	\$ 9,265	\$ 9,265

Grade,Shape & Pull Ditches	Beecher Creek Road	TOTAL
Stations	268.50	
\$/STA	\$ 18.35	
Subtotal	\$ 4,927	\$ 4,927

Landing clean up	Beecher Creek Road	TOTAL
Stations	1.00	
\$/STA	\$ 100.00	
Subtotal	\$ 100	\$ 100

Move In	Initial
Grader	\$800
Excavator	\$1,000
Dump Truck	\$200

Move in costs associated with one entry for the entire project

Total Final Maintenance Costs \$ 16,292

Summary of "Other Costs" for Timber Sale Appraisals

Pitter Patter Salvage WL-341-2025-W01245-02

"Other Costs" with Profit and Risk to be Added:

None

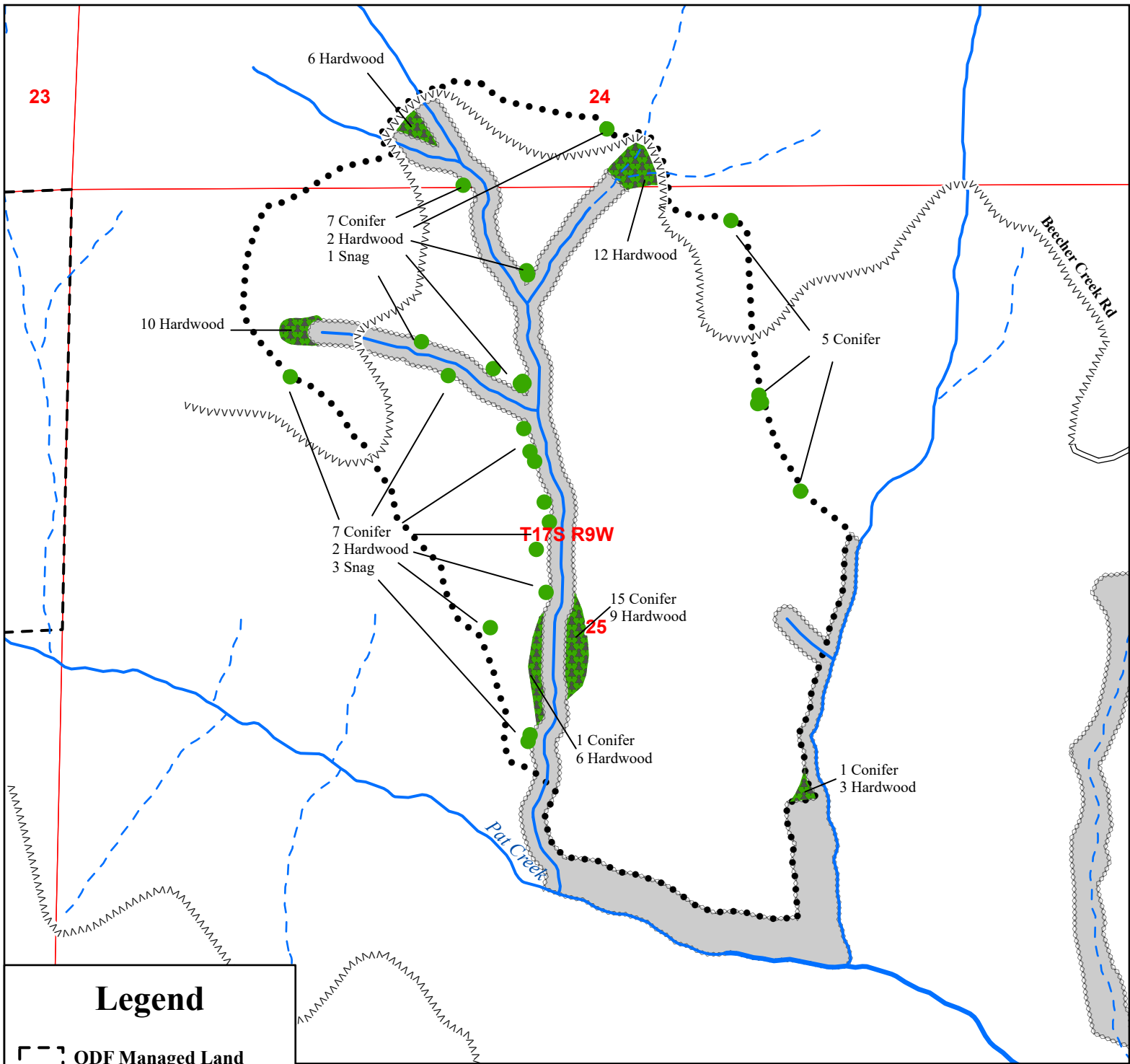
Total "Other Costs" with Profit and Risk to be Added: \$0



"Other Costs" With No Additional Profit and Risk

	<u>Units</u>	<u>Quantity</u>	<u>Cost/Unit</u>	<u>Total Cost</u>
Equipment wash prior to move-in	<u>Operation</u>			<u>\$ 500</u>
Firewood sorting and landing slash piling	<u>Operation</u>			<u>\$ 2,000</u>
Final Road Maintenance	<u>Operation</u>			<u>\$ 16,292</u>
Total "Other Costs" With No Additional Profit and Risk:				<u>\$ 18,792</u>
Cost per MBF	1,572	MBF		\$ 11.95





Legend

- ODF Managed Land
- Timber Sale Boundary
- Stream Buffer
- GTR
- Leave Trees

Roads

- All weather
- Old Road Bed-Not Drivable

Streams

- Fish, Perennial
- Non-Fish, Perennial
- Non-Fish, Seasonal

WILDLIFE TREE MAP

OF TIMBER SALE CONTRACT NO. WL-341-2025-W01245-02
PITTER PATER SALVAGE
PORTIONS OF SECTION 24 & 25 of T17S R09W, W.M.
LANE COUNTY, OREGON



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"STEWARDSHIP IN FORESTRY"
Net Acres:
Unit 1 = 47.5
Scale 1 : 4,800
1" = 400'

Sale Unit	Net Acreage	Conifer (Upland)	Hardwood (Upland)	Conifer (Buffers Outside of RMA)	Hardwood (Buffers Outside of RMA)	Conifer (GTRA)	Hardwood (GTRA)	Snags (15+ DBH)	Logger's Choice	Total Leave Trees	Green Trees Per Acre
1	47.5	19	4	16	25	1	21	4	100	190	4.00
Totals	47.5	19	4	16	25	1	21	4		190	4.00

Cruise Report

Pitter Patter Salvage
SALE #WL-341-2025-W01245-02

Sale Area: Portions of Section 24 and 25, T17S, R9W, W.M., Lane County, Oregon. This sale is a one-unit sale with approximately 47 harvestable acres. There are approximately 7 acres of stream buffers and green tree retention areas. Acres were determined using a combination of aerial photos, GPS, GIS, and topographic maps.

Stand Description: Pitter Patter is a mixture of 74-year-old Douglas fir and Western Hemlock with a hardwood component consisting of Alder and Big Leaf Maple. The fir has variable stocking throughout the unit and the hemlock is mixed in with the fir, but more concentrated on the ridges. The hardwoods are mainly concentrated in the draws, wet areas, and adjacent to the right of ways; however, there are pockets of hardwoods scattered throughout the unit.

There is blowdown and broken tops in the unit from the last few storms as well. There are pockets where the damage is more concentrated, but there is a little bit here and there throughout the unit.

The understory consists of sword fern, rhododendron, huckleberry, vine maple, salmon berry, and Oregon grape. Most of the timber sale area averages 65% slopes and will be a cable harvested unit. There is about 16 acres that will need to be downhill yarded. There is a fish stream on the southeast edge of the unit, which transitions to a non-fish stream along the southern boundary. There is one tributary off Pat Creek that also extends North through the unit.

Computation Procedures: Volume was computed by utilizing cutout data from the recent North Pat Timber Sale. It also contained similar blowdown and broken tops.

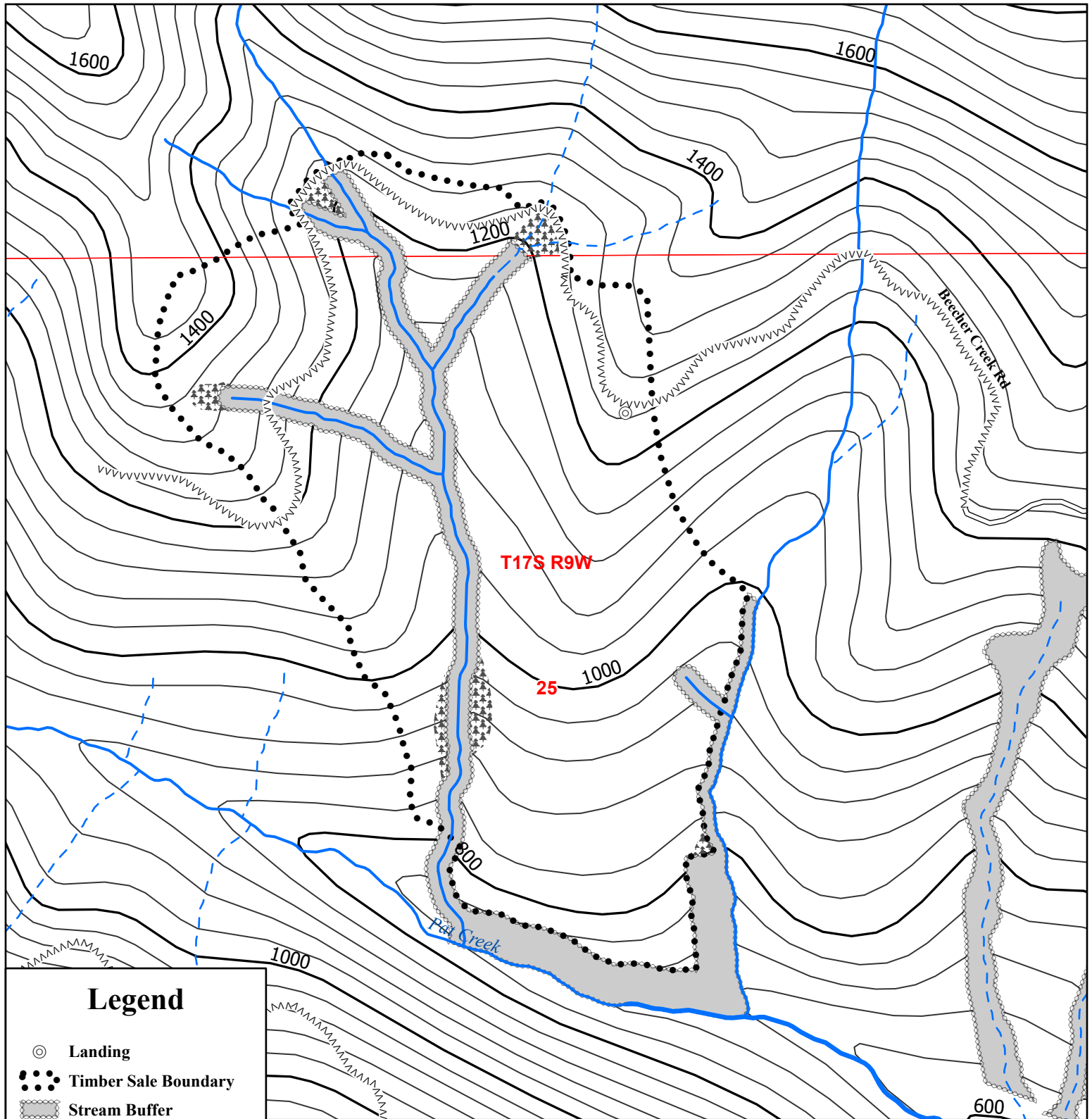
Volume Table:

Species	AVG. DBH	Total MBF	Grades by MBF			
			2S	3S	4S	Camp Run
Douglas-fir	19	1116	830	252	34	
Western Hemlock	16	314	212	90	12	
Red Alder	12	118				118
Bigleaf Maple	16	24				24
		1572				
					Total MBF	1572

Merchantable (MBF): 1572

Merchantable (MBF)/Acre: 33

*Numbers may differ due to rounding



Legend

- ⊙ Landing
- ⋯ Timber Sale Boundary
- ▨ Stream Buffer
- ▨ GTR
- - - ODF Managed Land

Roads

- All weather
- vvvv Old Road Bed-Not Drivable

Streams

- Fish, Perennial
- Non-Fish, Perennial
- - - Non-Fish, Seasonal

LOGGING MAP

OF TIMBER SALE CONTRACT NO. WL-341-2025-W01245-02
PITTER PATTER SALVAGE
PORTIONS OF SECTION 24 & 25 of T17S R09W, W.M.
LANE COUNTY, OREGON



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Yarding

Cable = 100%

Gross Acres: 54.2

Net Acres: 47.5



"STEWARDSHIP IN FORESTRY"

Scale 1:4,800

1" = 400-ft

