



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Salt West Blowdown
Sale 343-14-704

District: Western Lane

Date: June 06, 2013

cost summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$54,906.94	\$0.00	\$54,906.94
Project Work:			\$0.00
Advertised Value:			\$54,906.94



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timber description

Location: Portions of Section 2, T18S, R7W, W.M., Lane County, Oregon.

Stand Stocking: 60%

SpecieName	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	17	0	96

Volume by Grade	2S	3S	4S	Total
Douglas - Fir	84	83	20	187
Total	84	83	20	187



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comments: Pond Values Used: 1st Quarter Calendar Year 2013.

Western Hemlock and Other Conifers Stumpage Price = Pond Value
minus Logging Cost:
 $\$208.02/\text{MBF} = \$522.47/\text{MBF} - \$314.45/\text{MBF}$

Western redcedar and Other Cedars Stumpage Price = Pond Value
minus Logging Cost:
 $\$755/\text{MBF} = \$1,000/\text{MBF} - \$245/\text{MBF}$

Red Alder Stumpage Price = Pond Value minus Logging Cost:
 $\$288.21/\text{MBF} = \$533.21/\text{MBF} - \$245.00/\text{MBF}$

Big Leaf Maple and Other Hardwoods Stumpage Price = Pond Value
minus Logging Cost:
 $\$288.21/\text{MBF} = \$533.21/\text{MBF} - \$245.00/\text{MBF}$

SCALING COST ALLOWANCE = \$5.00/MBF

FUEL COST ALLOWANCE = \$4.00/Gallon

HAULING COST ALLOWANCE
Hauling costs equivalent to \$780 daily truck cost.

Other Costs (with Profit & Risk to be added):
None.

Other Costs (No Profit & Risk added):
(See attached sheet)
Rockware Fees = \$516
Final Road Maintenance = \$2,000
TOTAL Other Costs (No Profit & Risk added) = \$2,516



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logging conditions

combination#:	1	Douglas - Fir	100.00%
yarding distance:	Short (400 ft)	downhill yarding:	No
logging system:	Cable: Medium Tower >40 - <70	Process:	Manual Delimbing
tree size:	Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF		
loads / day:	5.0	bd. ft / load:	4,200
cost / mbf:	\$164.76		
machines:	Log Loader (A) Tower Yarder (Medium)		



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logging costs

Operating Seasons:	1.00	Profit Risk:	20.00%
Project Costs:	\$0.00	Other Costs (P/R):	\$0.00
Slash Disposal:	\$0.00	Other Costs:	\$2,516.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	2.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	4.0



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logging costs breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
Douglas - Fir									
\$164.76	\$2.12	\$23.45	\$56.34	\$0.00	\$49.33	\$0.00	\$5.00	\$13.45	\$314.45

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$608.07	\$293.62	\$0.00



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summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	187	\$293.62	\$54,906.94

Gross Timber Sale Value

Recovery: \$54,906.94

Prepared by: Jason Hayzlett

Phone: 541-935-2283

Cruise Report

Salt West Blowdown

343-14-704

Sale Area: A portion of T18S, R7W, Sec. 2 of the W.M. The gross and net acreage is 9 acres. Acres were determined by using a combination of aerial photos, GPS, GIS, and topographic maps.

Stand Description: Sale is a blown down stand of 75 year old Douglas-fir with a small amount of Western Hemlock. Approximately half of the trees either blew over or are root sprung. The majority of the sale will require cable logging. The removal specs include all Douglas-fir that are blown down or are leaning more than 10 degrees from perpendicular.

Cruise Method: The Sale was not cruised. Volume is based off 40% of the cut out volume from the adjacent stand. Adjacent stand (Salt West Timbersale) cut out at 52MBF/acre.

Prepared By: Jason Hayzlett