



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Cost Summary Hill Road Alder Sale 341-05-28

District: Astoria

Date: 12/29/04

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$5,484.36	\$20,364.86	\$25,849.22
		Project Work	\$0.00
		Advertised Value	\$25,849.22



Timber Sale Appraisal

Timber Description

Hill Road Alder

Sale 341-05-28

"STEWARDSHIP IN FORESTRY"

District: Astoria

Location: Portion of Section 6, T4N, R8W, W.M., Clatsop County, Oregon.

Date: 12/29/04

Stand Stocking: 60%

Species	Avg. DBH	Amortized%	Recovery%
Douglas - Fir	21	0	97
Western Hemlock / Fir	14	0	96
Sitka Spruce	19	0	95
Alder (Red)	11	0	95

Volume by Grade	Douglas - Fir	Western Hemlock / Fir	Sitka Spruce	Alder (Red)	Total
SM	1	0	0	0	1
2S	6	4	0	8	18
3S	2	4	3	24	33
4S	0	2	0	41	43
Utility	0	0	0	40	40
Total	9	10	3	113	135

Comments: Pond Values Used: 3rd Quarter 2004 + Local Pond Values.

Log Markets: Garibaldi, Chehalis, Tillamook, Mist, Forest Grove, Warrenton.

Other Costs: (No P&R):

Slash Piling / Road Vacating 20.7 hours @ \$95/hr + Move-in = \$2,466.5

Slash Piling @ Landing: 2 hours @ \$65/hr = \$130.

Total Other Costs (No P&R) = \$2,596.50

Other Costs (Plus P&R):

Brand/Paint Logs @ \$1/MBF = \$135.

Loggers Choice Road Construction: \$170/sta. x 8 stations = \$1,360

Total Other Cost (Plus P&R) = \$1,495



Timber Sale Appraisal

Logging Conditions

Hill Road Alder

Sale 341-05-28

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Combination#: 1 Douglas - Fir 90.00%
 Western Hemlock / Fir 90.00%
 Sitka Spruce 90.00%
 Alder (Red) 90.00%

Yarding Distance: Short (400 ft) **Downhill Yarding:** No
Logging System: Cable: Medium Tower >40 - <70 **Process:** Stroke Delimber
Tree Size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF
Loads/Day: 8 **Bd. Ft./Load:** 3,500
Cost/MBF: \$117.24

Machines:

- Log Loader (A)
- Stroke Delimber (A)
- Tower Yarder (Medium)

Combination#: 2 Douglas - Fir 10.00%
 Western Hemlock / Fir 10.00%
 Sitka Spruce 10.00%
 Alder (Red) 10.00%

Yarding Distance: Short (400 ft) **Downhill Yarding:** Yes
Logging System: Track Skidder **Process:** Manual Falling/Delimiting
Tree Size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF
Loads/Day: 9 **Bd. Ft./Load:** 3,500
Cost/MBF: \$103.66

Machines:

- Log Loader (B)
- Track Skidder



Timber Sale Appraisal

Logging Costs

Hill Road Alder

Sale 341-05-28

"STEWARDSHIP IN FORESTRY"

Date: 12/29/04

Operating Seasons: 1.0

Profit & Risk: 10%

Project Costs: \$0

Other Costs (P/R): \$1,495

Slash Disposal: \$0

Other Costs: \$2,597

Miles of Road			
Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Road Maintenance: \$9.93

Hauling Costs

Species	\$/MBF	Trips/Day	MBF/Load
Douglas - Fir	\$0.00	3.0	3.5
Western Hemlock / Fir	\$0.00	3.0	3.5
Sitka Spruce	\$0.00	3.0	3.5
Alder (Red)	\$0.00	3.0	3.0

Local Pond Values

Date	Species	Grade	Value
12/29/04	Alder (Red)	2S	\$433.84
12/29/04	Alder (Red)	3S	\$433.84
12/29/04	Alder (Red)	4S	\$433.84
12/29/04	Alder (Red)	Utility	\$433.84



Timber Sale Appraisal Logging Costs Breakdown Hill Road Alder Sale 341-05-28

"STEWARDSHIP IN FORESTRY"

Costs	Douglas - Fir	Western Hemlock / Fir	Sitka Spruce	Alder (Red)
Logging	115.88	115.88	115.88	115.88
Road Maintenance	10.24	10.34	10.45	10.45
Fire Protection	20.07	20.07	20.07	20.07
Hauling	45.15	45.63	46.11	53.79
Other (P/R appl.)	11.07	11.07	11.07	11.07
Profit & Risk	20.24	20.30	20.36	21.13
Slash Disposal	0.00	0.00	0.00	0.00
Scaling	2.00	2.00	2.00	2.00
Other	19.23	19.23	19.23	19.23
Total	243.88	244.52	245.17	253.62

Amortization	0.00	0.00	0.00	0.00
Pond Value	626.11	401.00	405.00	433.84
Stumpage	382.23	156.48	159.83	180.22
Amortized	0.00	0.00	0.00	0.00



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Amortized

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

Unamortized

	Douglas - Fir	Western Hemlock / Fir	Sitka Spruce	Alder (Red)
MBF	9.00	10.00	3.00	113.00
Value	382.23	156.48	159.83	180.22
Total	3,440.07	1,564.80	479.49	20,364.86

Gross Timber Sale Value

Recovery \$25,849.22

Prepared by: Eric Perkins

Date: 12/29/04

District: Astoria

Phone: (503) 325-5451

Road Maintenance Cost Summary

Sale: Hill Road Alder
Date: 26-Jul-04
By: D. Goody

MBF: 135
\$/MBF: \$9.93

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost	Production Rates			
							Rates	Miles/day	Distance(miles)	Days
Progressive Operations 0 Entries		\$540			\$80					
		\$114			\$57		Grader	1.5		
		\$540			\$75					
					\$25					
Final Road Maintenance (1.5 mi.)	Grader 14G	\$540	1	10	\$80	\$1,340				
					\$57		Grader	1.5	1.5	1.0
					\$75					
					\$57					
					\$75					
					\$67					
	\$25									
Total										\$1,340