



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Catfish
Sale KL-341-2026-W00638-02

District: Klamath/Lake

Date: March 17, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$16,996.70	\$0.00	\$16,996.70
		Project Work:	(\$6,149.90)
		Advertised Value:	\$10,846.80



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Catfish
Sale KL-341-2026-W00638-02

District: Klamath/Lake

Date: March 17, 2026

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Ponderosa Pine	13	0	95
Lodgepole Pine	13	0	90

Volume by Grade	CR 8" - 14"	Camprun	Total
Ponderosa Pine	389	0	389
Lodgepole Pine	0	646	646
Total	389	646	1,035

Comments: Pond Values Used: Local Pond Values, May 2025
 Pulp Price: \$0.25 per ton
 Log Markets: Klamath Falls and Medford.
 Other Costs (no Profit & Risk): None
 Other Costs (with Profit & Risk to be added): None
 ROAD MAINTENANCE
 Move-in: \$400.00
 General Road Maintenance: 7.5 miles x \$270 per mile x 1 bladings = \$2,025.00
 Total Road Maintenance: \$2,425.00, \$2.34 per Mbf



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Catfish
Sale KL-341-2026-W00638-02

District: Klamath/Lake

Date: March 17, 2026

Logging Conditions

Combination#: 1	Ponderosa Pine	100.00%
	Lodgepole Pine	100.00%
Logging System:	Wheel Skidder	Process: Feller Buncher
yarding distance:	Medium (800 ft)	downhill yarding: No
tree size:	Small / Thinning 10in (90 Bft/tree), 18-20 logs/MBF	
loads / day:	12	bd. ft / load: 4200
cost / mbf:	\$198.42	
machines:	Log Loader (B) Stroke Delimber (B) Feller Buncher w/ Delimber Tire Skidder	



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Catfish
Sale KL-341-2026-W00638-02

District: Klamath/Lake

Date: March 17, 2026

Logging Costs

Operating Seasons: 1.00	Profit Risk: 10%
Project Costs: \$6,149.90	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$2.34

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

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Ponderosa Pine	\$0.00	6.0	4.2
Lodgepole Pine	\$0.00	6.0	4.2



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Catfish
Sale KL-341-2026-W00638-02

District: Klamath/Lake

Date: March 17, 2026

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Ponderosa Pine									
\$198.42	\$2.46	\$4.24	\$52.08	\$0.00	\$25.72	\$0.00	\$2.00	\$0.00	\$284.92
Lodgepole Pine									
\$198.42	\$2.57	\$4.24	\$54.56	\$0.00	\$25.98	\$0.00	\$2.00	\$0.00	\$287.77

Specie	Amortization	Pond Value	Stumpage	Amortized
Ponderosa Pine	\$0.00	\$300.00	\$15.08	\$0.00
Lodgepole Pine	\$0.00	\$305.00	\$17.23	\$0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Catfish
Sale KL-341-2026-W00638-02

District: Klamath/Lake

Date: March 17, 2026

Summary

Amortized

Specie	MBF	Value	Total
Ponderosa Pine	0	\$0.00	\$0.00
Lodgepole Pine	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Ponderosa Pine	389	\$15.08	\$5,866.12
Lodgepole Pine	646	\$17.23	\$11,130.58

Gross Timber Sale Value

Recovery: \$16,996.70

Prepared By: JAMES MONTEIL

Phone: 541-883-5681

Catfish
KL-341-2026-W00638-02

Other Costs

Road Maintenance

Move-in cost (grader):	\$400.00	Timber Sale Volume:	1,035 Mbf
Number of Miles to be Bladed:	7.5		
Number of Bladings:	1		
Total Miles:	7.5		
Miles/Hour for Equipment:	0.5		
Cost/Hour (grader with operator):	\$135.00		
Total Grading Hours:	15		
Grading Cost:	<u>\$2,025.00</u>		
Total Cost:	<u>\$2,425.00</u>		
Cost/Mbf:	\$2.34		

Catfish

KL-341-2026-W00638-02

Project Costs

Project #1 Road Improvement

Move in Cost Cat: \$500

	Points	Distance(ft)	Feet/Hour	Hours	Cost/Hour	Cost
Open/Clear/Shape	A to B	4,090	1000	4.09	\$150.00	\$613.50
Open/Clear/Shape	C to D	3,651	1000	3.65	\$150.00	\$547.65
Open/Clear/Shape	E to F	3,341	1000	3.34	\$150.00	\$501.15
Open/Clear/Shape	G to H	1,584	1000	1.58	\$150.00	\$237.60
	Total	12,666		12.67		\$1,899.90

Move In Costs	\$500.00
Maintenance Cost	\$1,899.90
Project # 1 Total	\$2,399.90
per Mbf	\$2.32

Project #1 Summary

Road Maintenance	<u>\$2,399.90</u>
Total	<u>\$2,399.90</u>
per Mbf	\$2.32

Catfish

KL-341-2026-W00638-02

Project Costs

Project #2 Landing Slash Piling

Number of Landings: 20

Cat Time: 1 Hour per Landing Cost per Hour: \$150.00 Total Cost \$3,000.00

Total **\$3,000.00**
 per Mbf \$2.90

Project #2 Summary

Slash Piling \$3,000.00
Total **\$3,000.00**
 per Mbf \$2.90

Project #3 Road Closures

5 Number of Closure Points A, C, E, F, and G
\$150.00 Cost per Hour (Cat)
\$750.00 **Total**
\$0.72 per Mbf

Cost Summary All Projects

Project No.1 - Road Improvement \$2,399.90
 Project No.2 - Landing Cleanup \$3,000.00
 Project No.3 - Road Closure \$750.00
Total Cost **\$6,149.90**
 per Mbf \$5.94

Catfish
KL-341-2026-W00638-02
Cruise Report



"STEWARDSHIP IN FORESTRY"

SALE NAME: Catfish

LEGAL DESCRIPTION:

Located in Section(s) 6 of T25S R10E, and Portions of Sections 30, 31, and 32 of T24S R10E, Willamette Meridian, Klamath County, Oregon

BOUNDARY LINES:

Unit boundaries are unmarked.

ACREAGE:

Gross Sale Acreage:	771 Acres
Exclusion Acreage:	0 Acres
Net Sale Acreage:	771 Acres

Mapping was accomplished using Avenza pdf Maps with the data processed through ArcGIS.

TREATMENT:

The Timber Sale is a single tree selection partial cut harvest. Cut trees are marked with a blue band at breast height.

CRUISE METHOD:

Variable plot cruise with a ratio of one count plot for every measure plot.

BASAL AREA FACTOR:

A basal area factor of 10 was used for all variable cruise plots.

PLOT DESIGNATION:

Plot centers were established at every plot with blue flag wire stakes with the corresponding plot number. Blue flagging was attached to the nearest available tree branch.

TREE HEIGHT:

All trees were measured to a fixed diameter outside bark. This height is usually taken as high up the bole as possible, where the cruiser can clearly see the bole, and the taper remains constant (usually 6 or 8 inches). The log segments are broken out and graded accordingly.

MINIMUM D.B.H:

9.0" DBH.

DIAMETER STANDARDS:

1" diameter class

BTR:

Standard ratios were used. See attached species tables.

FORM FACTOR:

Form factor was measured or estimated at 16' for each tree. Each tree was assigned its own FF.

FORM POINT:

All trees were sighted at DBH.

VOLUME COMPUTATION:

All cruise data was input and run at the district on Atterbury's Super Ace program.

FINAL CRUISE RESULTS:

CV%	SE%	ACRES
71.8	13.6	771

TIMBER DESCRIPTION

SAWLOG VOLUME:

This volume was obtained from the variable plot cruise. All material graded camprun. See grade table for minimum standards.

TOTAL SAWLOG VOLUME

Species	Ave. DBH	Acres	Gross Vol/Acre (bf)	Net Vol/Acre (bf)	Net Sale Vol (Mbf)
Lodgepole pine	13.4	771	864	839	646
Ponderosa pine	13.2	771	519	505	389
		Total	1383	1,344	1,035

TOTAL NET SAWLOG VOLUME: 1,035 MBF

Log Stock Table - MBF
Project: CFISH

T24S R010 S31 TORIG

T24S R010 S31 TORIG

Twp Rge Sec Tract Type Acres Plots Sample Trees Page
24S 010 31 100 ORIG 848.00 29 23 Date 7/2/2025
Time 3:53:53PM

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
LP		CR	CR		16	356	3.8	343	48.2			102		241					
LP		CR	CR		26	213	3.7	205	28.8					64	141				
LP		CR	CR		28	164		164	23.0				164						
LP		Totals				733	2.9	712	62.4			102	164	305	141				
PP		CR	CR		16	124		124	28.9			27	96						
PP		CR	CR		20	26		26	6.0				26						
PP		CR	CR		24	31		31	7.1				31						
PP		CR	CR		26	56		56	13.1				56						
PP		CR	CR		28	45		45	10.5				45						
PP		CR	CR		32	159	7.7	147	34.4				107	40					
PP		Totals				441	2.8	428	37.6			27	361	40					
Total All Species						1,174	2.9	1,140	100.0			129	525	345	141				

T24S R010 S31 TORIG										T24S R010 S31 TORIG				
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt					
24S	010	31	100	ORIG	848.00	29	23	1	E					

S Spp	So T	Gr rt ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre
								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					
LP		CR CR	100	2.9	864	839	712	80	20		48	52			20	9	59	0.79	14.3	
LP	Totals		62	2.9	864	839	712	80	20		48	52			20	9	59	0.79	14.3	
PP		CR CR	100	2.8	519	505	428	100			35	31	34		22	8	50	0.63	10.1	
PP	Totals		38	2.8	519	505	428	100			35	31	34		22	8	50	0.63	10.1	
Type	Totals			2.9	1,384	1,344	1,140	88	12		43	44	13		21	9	55	0.72	24.4	

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT	CFISH			DATE	7/2/2025	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
24S	010	31	100	ORIG	848.00	29	69	1	E	
				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
				PLOTS	TREES	TREES	TREES			
TOTAL		29	69	2.4						
CRUISE		11	23	2.1	20,730		.1			
DBH COUNT										
REFOREST										
COUNT		13	41	3.2						
BLANKS		5								
100 %										
STAND SUMMARY										
	SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
	TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
LP PINE	8	14.3	13.4	24	3.9	14.1	864	839	228	228
P PINE	15	10.1	13.2	26	2.7	9.7	519	505	141	141
TOTAL	23	24.4	13.4	25	6.5	23.8	1,384	1,344	369	369
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL:	68.1 %	COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
LP PINE		48.7	18.3	55	68	80				
P PINE		64.9	17.3	50	60	70				
TOTAL		58.0	12.4	55	63	70	141	35	16	
CL:	68.1 %	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
LP PINE		49.1	18.5	16	19	23				
P PINE		59.4	15.9	14	17	20				
TOTAL		54.7	11.6	16	18	20	125	31	14	
CL:	68.1 %	COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
LP PINE		114.9	21.7	11	14	17				
P PINE		159.4	30.1	7	10	13				
TOTAL		74.3	14.0	21	24	28	228	57	25	
CL:	68.1 %	COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
LP PINE		114.2	21.6	11	14	17				
P PINE		155.3	29.3	7	10	12				
TOTAL		72.3	13.6	21	24	27	216	54	24	
CL:	68.1 %	COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
LP PINE		113.5	21.4	659	839	1,019				
P PINE		155.2	29.3	357	505	653				
TOTAL		71.8	13.6	1,162	1,344	1,526	213	53	24	
CL:	68.1 %	COEFF	NET CUFT FT/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
LP PINE		115.0	21.7	178	228	277				
P PINE		156.8	29.6	99	141	183				
TOTAL		73.2	13.8	318	369	420	221	55	25	

Logging Plan
Of Timber Sale Contract
KL-341-2026-W00638-02
Catfish Timber Sale
Located in Portions of Sections
6, T25S R10E, and Portions of
Sections 30, 31, 32, of T24S
R10E
W.M., Klamath Country, Oregon
Net Acres: 771

- Catfish Timber Sale
- Landing
- Skid Trails
- Federal or State highway
- All weather
- Dirt
- Mainline Rd
- Blocked
- Board of Forestry Lands

