



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pollouza
Sale FG-343-2020-W00801-01

District: Forest Grove

Date: January 30, 2020

Cost Summary

| | Conifer | Hardwood | Total |
|-------------------------|-------------|-------------------|-------------|
| Gross Timber Sale Value | \$99,780.00 | \$0.00 | \$99,780.00 |
| | | Project Work: | \$0.00 |
| | | Advertised Value: | \$99,780.00 |



Timber Sale Appraisal
Pollouza
Sale FG-343-2020-W00801-01

District: Forest Grove

Date: January 30, 2020

Timber Description

Location: Portions of Sections 16 & 17, T3N, R5W, W.M., Washington County, Oregon.

Stand Stocking: 20%

| Specie Name | AvgDBH | Amortization (%) | Recovery (%) |
|---------------|--------|------------------|--------------|
| Douglas - Fir | 23 | 0 | 98 |

| Volume by Grade | 2S | 3S & 4S 6"-11" | Total |
|-----------------|-----|----------------|-------|
| Douglas - Fir | 213 | 37 | 250 |
| Total | 213 | 37 | 250 |

Comments: Pond Values Used: Local Pond Values, October 2019.

Western Hemlock and Other Conifers Stumpage Price = Pond Value minus Logging Cost:
\$248.04/MBF = \$520/MBF - \$271.96/MBF

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost:
\$849.04/MBF = \$1,121/MBF - \$271.96/MBF

Red Alder and Other Hardwoods Stumpage Price = Pond Value minus Logging Cost:
\$248.04/MBF = \$520/MBF - \$271.96/MBF

BRANDING AND PAINTING COST ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$3.00/Gallon

HAULING COST ALLOWANCE
Hauling costs equivalent to \$950 daily truck cost.

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

Other Costs (No Profit & Risk added):
Machine time to block/waterbar roads, and skid trails:
6 Hours @ \$150/Hr. = \$900
Equipment Cleaning: 1 x \$1,000/Machine = \$1,000
Fire Season Equipment: \$1,000
TOTAL Other Costs (No Profit & Risk added) = \$2,900

ROAD MAINTENANCE
Move-in: \$800
General Road Maintenance: 3.1 miles x \$300/mile = \$930
TOTAL: \$1,730/ 250 MBF = \$6.92/MBF



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pollouza
Sale FG-343-2020-W00801-01

District: Forest Grove

Date: January 30, 2020

Logging Conditions

| | | |
|---|---------------|----------------------------------|
| Combination#: 1 | Douglas - Fir | 100.00% |
| Logging System: Shovel | | Process: Manual Delimbing |
| yarding distance: Short (400 ft) | | downhill yarding: No |
| tree size: Mature / Partial Cut (900 Bft/tree), 3-5 logs/MBF | | |
| loads / day: 8 | | bd. ft / load: 5000 |
| cost / mbf: \$83.19 | | |
| machines: Shovel Logger | | |



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pollouza
Sale FG-343-2020-W00801-01

District: Forest Grove

Date: January 30, 2020

Logging Costs

| | |
|-------------------------|---------------------------|
| Operating Seasons: 1.00 | Profit Risk: 25% |
| Project Costs: \$0.00 | Other Costs (P/R): \$0.00 |
| Slash Disposal: \$0.00 | Other Costs: \$2,900.00 |

Miles of Road

Road Maintenance: \$6.92

| 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 | 4.9 |



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pollouza
Sale FG-343-2020-W00801-01

District: Forest Grove

Date: January 30, 2020

Logging Costs Breakdown

| Logging | Road Maint | Fire Protect | Hauling | Other P/R appl | Profit & Risk | Slash Disposal | Brand & Paint | Other | Total |
|---------------|------------|--------------|---------|----------------|---------------|----------------|---------------|---------|----------|
| Douglas - Fir | | | | | | | | | |
| \$83.19 | \$7.06 | \$17.56 | \$98.88 | \$0.00 | \$51.67 | \$0.00 | \$2.00 | \$11.60 | \$271.96 |

| Specie | Amortization | Pond Value | Stumpage | Amortized |
|---------------|--------------|------------|----------|-----------|
| Douglas - Fir | \$0.00 | \$671.08 | \$399.12 | \$0.00 |



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pollouza
Sale FG-343-2020-W00801-01

District: Forest Grove

Date: January 30, 2020

Summary

Amortized

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

Unamortized

| Specie | MBF | Value | Total |
|---------------|-----|----------|-------------|
| Douglas - Fir | 250 | \$399.12 | \$99,780.00 |

Gross Timber Sale Value

Recovery: \$99,780.00

Prepared By: Kenton Burns

Phone: 503-359-7477

TIMBER SALE SUMMARY
Pollouza
Contract No. FG-343-2020-W00801-01

1. **Location:** Portions of Sections 16 and 17, T3N, R5W, W.M., Washington County, Oregon.
2. **Type of Sale:** This timber sale is 97 net acres of Moderate Partial Cut. The timber will be sold on a recovery basis at a sealed bid auction.
3. **Revenue Distribution:** 100% BOF, Washington County.
4. **Sale Acreage:** Acres are net of stream buffers and road prisms. Acreage was determined using ESRI ArcMap GIS software.
5. **Cruise:** Volume projections for this sale were derived from cruise data from the Mega Lou Mania timber sale cruised in March 2017. From this cruise data, the saw log grades were adjusted to favor the 2-saw log grade.
6. **Timber Description:** The Timber Sale Area consists of an 80 year old Douglas-fir stand. The stand has an average of 196 ft² of basal area all species, and an average Douglas-fir DBH of 23 inches.
7. **Volume Summary:**

| SPECIES | | 2 SAW | 3 SAW | 4 SAW | TOTAL |
|-------------|------------------|-------|-------|-------|-------|
| Douglas-fir | Cruise Volume | 217 | 26 | 12 | 255 |
| | Hidden D&B (2%) | (4) | (1) | (0) | (5) |
| | NET TOTAL | 213 | 25 | 12 | 250 |
| | % of Total | 85 | 10 | 5 | |

8. **Topography and Logging Method:** Slopes within the sale areas range from 5% to 40%, but are generally less than 35%, and variable in aspect. The timber sale is 100% ground-based yarding. The average horizontal skid trail length is approximately 300 feet and the maximum is approximately 500 feet.
9. **Access:** From Forest Grove, travel north on Highway 47 through Banks then merge onto Highway 26 westbound and continue for approximately 11.5 miles to Timber Road. Turn left and proceed south on Timber Road 0.7 of a mile to Lousignont Road. Turn Right and continue approximately 0.6 of a mile to the South Lousignont Road. Turn left and continue on South Lousignont Road 0.25 of a mile to Morgan Creek Road. Turn right and continue west on Morgan Creek Road 0.5 a mile to the Timber Sale Area.

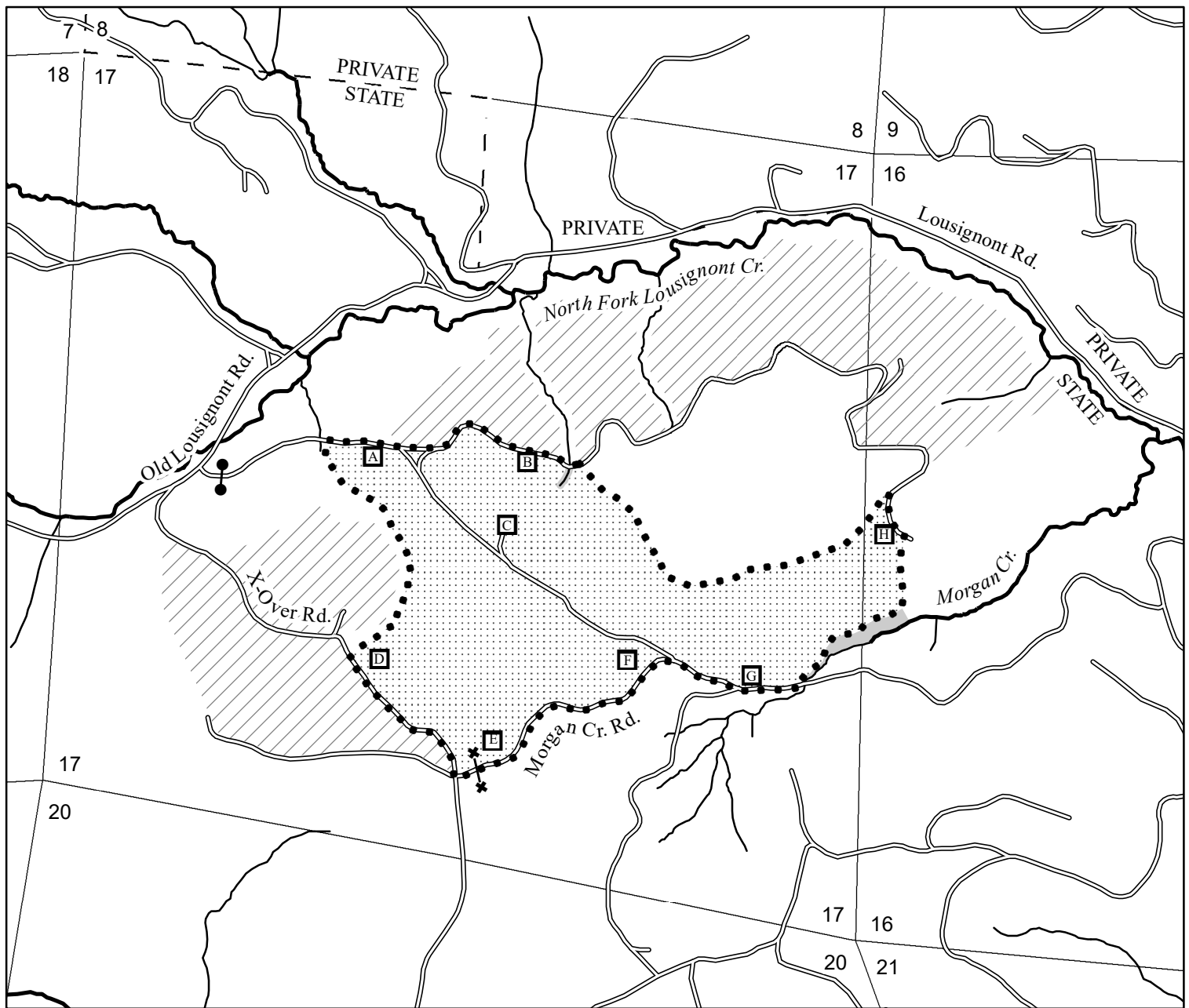
VOLUME SUMMARY
(Shown in MBF)
Pollouza
FG-343-2020-W00801-01
January 2020

Timber Sale Area: PC (97 ACRES)

| SPECIES | | 2 SAW | 3 SAW | 4 SAW | TOTAL |
|----------------|------------------|--------------|--------------|--------------|--------------|
| Douglas-fir | Cruise Volume | 217 | 26 | 12 | 255 |
| | Hidden D&B (2%) | (4) | (1) | (0) | (5) |
| | NET TOTAL | 213 | 25 | 12 | 250 |
| | % of Total | 85 | 10 | 5 | |

SALE TOTAL

| SPECIES | 2 SAW | 3 SAW | 4 SAW | TOTAL |
|----------------|--------------|--------------|--------------|--------------|
| Douglas-fir | 213 | 25 | 12 | 250 |
| Total | 213 | 25 | 12 | 250 |



LOGGING PLAN

Legend

- ● ● ● Timber Sale Boundary
- — — ODF Ownership Boundary
- — — Surfaced Road
- — Gate
- ✕ — ✕ Road Blockage
- Type-F Stream
- Type-N Stream
- Stream Buffer
- Tractor Yarding Area
- Tractor Landing
- Reforested Area
- Section Lines

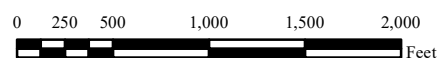
FOR TIMBER SALE CONTRACT #FG-343-2020-W00801-01
 POLLOUZA
 PORTIONS OF SECTIONS 16 & 17, T3N, R5W, W.M.,
 WASHINGTON COUNTY, OREGON

Forest Grove District GIS
 January, 2020

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

1:12,000

1 inch = 1,000 feet



APPROXIMATE NET ACRES

| | TRACTOR | CABLE |
|-------|---------|-------|
| TOTAL | 97 | 0 |