## Appendix J Economic Analysis

Economic Comparisons

Alternative 1 – No Action

Since no harvesting would occur under this action, no return would occur to the Federal Treasury. No forestry related jobs would be created.

Alternative 2 - Regeneration Harvest & Canopy Retention

Under this alternative approximately 3.9 million board feet would be harvested, with a return to the Federal Treasury of $560,000. Direct employment would be 37 jobs resulting in direct income of approximately $ 1.2 million dollars.

Alternative 3 - Canopy Retention

Under this alternative approximately 3.2 million board feet would be harvested, with a return to the Federal Treasury of $450,000. Direct employment would be 30 jobs resulting in direct income of approximately $ 974,000 dollars.

Alternative 4 and 5 are variations of 2 & 3 with similar volumes and were not analyzed.

---

--Board feet estimates based on stand exam data
--Return to Federal Treasury based on following attachments
--Direct employment figures based on the Northwest Forest Plan FSEIS table 3 & 4 - 49
--Direct income figures based on Oregon Employment Department average weighted wage rates for lumber and wood products

04/14/03 SALE NAME flouncealt2 MODIFICATION NO. _____
DATE

| SPECIES | VOLUME | CODE #1 | CODE #2 | CODE #3 | CODE #4 | CODE #5 | CODE #6 | % CHECK TOTALS |
|---|---|---|---|---|---|---|---|---|
| | | LOG GRADES BY PERCENT | | | | | | |
| OG D. FIR | 3872 | | | 0.3 | 0.2 | 38.2 | 61.3 | 100 |
| SG D. FIR | 0 | | | | | | | 0 |
| P. PINE | 0 | | | | | | | 0 |
| SALV.P.P. | 0 | | | | | | | 0 |
| S. PINE | 0 | | | | | | | 0 |
| SALV.S.P. | 0 | | | | | | | 0 |
| W. FIR | 0 | | | | | | | 0 |
| W. HEM | 0 | | | | | | | 0 |
| I. CEDAR | 0 | | | | | | | 0 |
| W.R.CEDAR | 0 | | | | | | | 0 |
| P.O.CEDAR | 0 | | | | | | | 0 |

LOGGING COST PER MBF FROM LOGGING WORKSHEET $236.70
ANY MARGINAL LOG VOLUME ??? 0
ROAD MAINTENANCE & ROCKWEAR /M $0.00
PROFIT & RISK (TYPE 7 UP TO 10) 7 %

STUMPAGE COMPUTATION

DOLLARS PER MBF LOG SCALE

| SPECIES | POND VALUE | LOGGING COSTS(-) | VALUE | ROAD MAINT(-) | PROFIT &RISK % | MARG. * LOGS (+) | STUMPAGE | TOTAL VALUE |
|---|---|---|---|---|---|---|---|---|
| OG D. FIR | $409.98 | $236.70 | $173.28 | $0.00 | $28.70 | $0.00 | $144.58 | $559,819.18 |
| SG D. FIR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| P. PINE | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| SALV.P.P. | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| S. PINE | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| SALV.S.P. | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| W. FIR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| W. HEM | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| I. CEDAR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| W.R.CEDAR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| P.O.CEDAR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| | | | | | | | TOTAL MODIFICATION VALUE-- | $559,819.18 |

* MARGINAL LOG VOLUME 0 MBF X $135.15 /MBF = $0.00
MARG. LOG VALUE
$0.00 3872 MBF = $0.00

CURRENT POND VALUES BY GRADE SHORT LOG

| DOUGLAS FIR | | PONDEROSA PINE | | SUGAR PINE | | BLUE PINE ALL SPECIES | |
|---|---|---|---|---|---|---|---|
| GRADE 1 | $1,020.00 | GRADE 1 | $750.00 | GRADE 1 | $968.18 | $225.00 | |
| GRADE 2 | $892.50 | GRADE 2 | $600.00 | GRADE 2 | $774.54 | INCENSE CEDAR | |
| GRADE 3 | $658.75 | GRADE 3 | $525.00 | GRADE 3 | $619.07 | ALL GRADE | $512.50 |
| GRADE 4 | $569.50 | GRADE 4 | $325.00 | GRADE 4 | $325.00 | | |
| GRADE 5 | $537.20 | GRADE 5 | $325.00 | GRADE 5 | $325.00 | P.O.CEDAR | |
| GRADE 6 | $328.95 | WHITE FIR AND HEMLOCK | | | | GRADE 1 | $1,770.00 |
| UC | $135.15 | GRADE 3 | $450.00 | W.R. CEDAR | | GRADE 2 | $1,500.00 |
| SG S-M | $531.25 | GRADE 4 | $410.00 | GRADE 4 | $782.85 | GRADE 3 | $850.00 |
| SG-2-M | $465.80 | GRADE 5 | $375.00 | GRADE 5 | $771.80 | GRADE 4 | $700.00 |
| SG-3-M | $437.75 | GRADE 6 | $337.50 | GRADE 6 | $531.25 | GRADE 5 | $600.00 |

| | | | ALT2/ROD | | | | | |
|---|---|---|---|---|---|---|---|---|
| SEC/OI | RX | VOL/AC | CAT AC | SKY AC | HEL AC | CAT VOL | SKY VOL | HEL VOL |
| 1/003 | SGFMA | 15 | 14 | 5 | 0 | 210 | 75 | 0 |
| 4/002 | SGFMA | 15 | 14 | 0 | 0 | 210 | 0 | 0 |
| 33/003 | **SGFMA** | 15 | 58 | 0 | 0 | 870 | 0 | 0 |
| **TOTAL** | | | **86** | **5** | **0** | **1290** | **75** | **0** |
| 1/004 | SC | 8 | 3 | 0 | 0 | 24 | 0 | 0 |
| 11/001 | SC | 8 | 0 | 6 | 0 | 0 | 48 | 0 |
| 11/008 | SC | 8 | 17 | 0 | 0 | 136 | 0 | 0 |
| 31/007 | SC | 8 | 11 | 0 | 0 | 88 | 0 | 0 |
| 33/003 | SC | 8 | 13 | 0 | 0 | 104 | 0 | 0 |
| 35/005 | **SC** | 8 | 0 | 0 | 14 | 0 | 0 | 112 |
| **TOTAL** | | | **44** | **6** | **14** | **352** | **48** | **112** |
| 1/004 | DM | 5 | 0 | 0 | 10 | 0 | 0 | 50 |
| 3/003 | DM | 5 | 24 | 12 | 0 | 120 | 60 | 0 |
| 5/003 | DM | 5 | 13 | 0 | 0 | 65 | 0 | 0 |
| 8/005 | DM | 5 | 6 | 0 | 16 | 30 | 0 | 80 |
| 9/002 | DM | 5 | 19 | 0 | 0 | 95 | 0 | 0 |
| 11/010 | DM | 5 | 0 | 5 | 0 | 0 | 25 | 0 |
| 17/001 | DM | 5 | 0 | 0 | 14 | 0 | 0 | 70 |
| 19/003 | DM | 5 | 36 | 0 | 0 | 180 | 0 | 0 |
| 23/779 | DM | 5 | 30 | 6 | 0 | 150 | 30 | 0 |
| 23/005 | DM | 5 | 13 | 0 | 0 | 65 | 0 | 0 |
| 27/003 | DM | 5 | 0 | 0 | 34 | 0 | 0 | 170 |
| 32/002 | DM | 5 | 4 | 0 | 0 | 20 | 0 | 0 |
| 35/006 | DM | 5 | 0 | 0 | 19 | 0 | 0 | 95 |
| 35/007 | DM | 5 | 68 | 0 | 0 | 340 | 0 | 0 |
| 35/012S | **DM** | 5 | 10 | 0 | 0 | 50 | 0 | 0 |
| **TOTAL** | | | **223** | **23** | **93** | **1115** | **115** | **465** |
| 35/008 | NGFMA | 25 | 6 | 0 | 0 | 150 | 0 | 0 |
| 35/012N | **NGFMA** | 25 | 6 | 0 | 0 | 150 | 0 | 0 |
| **TOTAL** | | | **12** | **0** | **0** | **300** | **0** | **0** |
| GTOTAL | | | **365** | **34** | **107** | **3057** | **238** | **577** |

| | |
|---|---|
| SALETOT | 506 |
| VOLTOT | 3872 |

OR-5420-1a

(JANUARY 1997)

# TIMBER SALE SUMMARY CONTINUATION

District: Medford
ATSP Tract No.: 0
Sale Name:
FAALT2

| COSTS | $/CCF | $/MBF |
|---|---|---|
| Falling & Bucking: | $0.00 | $0.00 |
| Yard, Load, etc.: | ERR | $121.82 |
| Transportation: | ERR | $45.00 |
| Road Construction: | ERR | $0.00 |
| Road Amortization: | ERR | $0.00 |
| Road Maintenance: | ERR | $45.00 |
| Other Allowances: | | |
| Fire Protection: | $0.00 | $0.00 |
| Slash Disposal: | ERR | $24.88 |
| Site Preparation: | ERR | $0.00 |
| Miscellaneous: | ERR | $0.00 |
| | | $0.00 |
| Total Allowances: | ERR | $24.88 |
| **Cost to Utiliz. Ctr:** | **ERR** | **$236.70** |

**PROFIT & RISK ALLOWANCE**

Basic Profit and Risk: 7 %

Additional Risk:
- Low (1 %) 0
- Medium (2%) 0
- High (3%) 0

Total Profit and Risk: 7 %

**Purchaser:**

**Contract Number:** 0

**TRACT FEATURES:**

| | | | | |
|---|---|---|---|---|
| Average Log D-Fir (Bd. Ft.): | 0 | | All: | 0 |
| % Recovery D-Fir: | 0 | | All: | 0 |
| % Salvage D-Fir: | 0 | | All: | 0 |
| Average Volume per Acre: | 7.7 | MBF | | |
| Average Yarding Slope: | 0 | % | | |
| Average Yarding Distance: | 0 | Feet | | |
| Average Age: | | Years | | |
| Retention Trees Per Acre: | | Trees | | |
| % Volume Cable: | 6 | % | | |
| % Volume Ground Based: | 79 | % | | |
| % Volume Aerial | 15 | % | | |
| Utilization Center: | | | | |
| Weighted Miles to Utilization Center: | 40 | | | |

Road Construction (100' Stations):

| | | | |
|---|---|---|---|
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |

Road Improvement (100' Stations):

| | | | |
|---|---|---|---|
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |

**CRUISE**

| | | |
|---|---|---|
| Cruised By: | 0 | |
| Date: | 0 | |
| Type of Cruise: | 0% | |
| ADP Number: | 0 | 0 |

**VOLUME (MBF - Net Merch)**

| | | | |
|---|---|---|---|
| Green: | 3872 | Salvage: | 0 |
| D-Fir Sawlog: | 3853 | Peeler: | 19 |
| Export Volume: | 0 | | |

OR-110-5409-2 (Apr 1997)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

District Sale Number 0

## Appraisal Worksheet - Miscellaneous Costs

**Fire Protection Included in Logging Costs**

**Fuel Treatment: See Attached Worksheet**

| Allowances | Total Cost | | MBF | Cost per MBF |
|---|---|---|---|---|
| Hand Fireline Construction | $0.00 | ÷ | 3872 | $0.00 |
| FMZ Fireline Construction | $0.00 | ÷ | 3872 | $0.00 |
| Hand Piles and Cover | $60,745.00 | ÷ | 3872 | $15.69 |
| Hand Pile Burning | $5,356.00 | ÷ | 3872 | $1.38 |
| Slashing | $0.00 | ÷ | 3872 | $0.00 |
| Prescribed Burning | $0.00 | ÷ | 3872 | $0.00 |
| Lop and Scatter | $30,225.00 | ÷ | 3872 | $7.81 |
| Girdling | $0.00 | ÷ | 3872 | $0.00 |
| Swamper Burn | $0.00 | ÷ | 3872 | $0.00 |
| Pullback | $0.00 | ÷ | 3872 | $0.00 |

**Fuel Treatment and Reduction Total Costs =** $96,326.00 **Total per MBF** $24.88

**CO-1** Those Items Usually Included In CO-1 Appraisal Value = $0.00 X 1.18 (DSC Admin. Cost) $0.00

**Other Allowances: Summary of Costs**

| Site Prep Allowances | Total Cost | | MBF | Cost per MBF |
|---|---|---|---|---|
| Ripping | $0.00 | ÷ | 3872 | $0.00 |
| Skid Location and Construction | $0.00 | ÷ | 3872 | $0.00 |
| Water Bar Skids | $0.00 | ÷ | 3872 | $0.00 |
| Landing Cleanup | $0.00 | ÷ | 3872 | $0.00 |
| End Hauling | $0.00 | ÷ | 3872 | $0.00 |
| Temporary Spur Construction | $0.00 | ÷ | 3872 | $0.00 |
| Landing Construction and/or Improvement | $0.00 | ÷ | 3872 | $0.00 |
| Hand Seeding and/or Mulching | $0.00 | ÷ | 3872 | $0.00 |
| Gross Yarding (included in Merch Yarding) | $0.00 | ÷ | 3872 | $0.00 |
| Chipping Operation | $0.00 | ÷ | 3872 | $0.00 |
| **Site Prep Costs =** | $0.00 | **Total per MBF** | | $0.00 |

| Miscellaneous Allowances | | | | |
|---|---|---|---|---|
| Deadman Anchors | $0.00 | ÷ | 3872 | $0.00 |
| Stream and Culvert Cleaning | $0.00 | ÷ | 3872 | $0.00 |
| Barricades and/or Guardrails | $0.00 | ÷ | 3872 | $0.00 |
| Tree Blasting (Snag Replacement) | $0.00 | ÷ | 3872 | $0.00 |
| Down Woody or Snag Falling | $0.00 | ÷ | 3872 | $0.00 |
| Watering, Cleaning and/or Dust Abatement | $0.00 | ÷ | 3872 | $0.00 |
| Flaggers | $0.00 | ÷ | 3872 | $0.00 |
| Bearing Trees and/or Stump Treatment | $0.00 | ÷ | 3872 | $0.00 |
| 0 | $0.00 | ÷ | 3872 | $0.00 |
| 0 | $0.00 | ÷ | 3872 | $0.00 |
| 0 | $0.00 | ÷ | 3872 | $0.00 |
| Directional Falling | ERR | ÷ | 3872 | $0.00 |
| **Other Miscellaneous Cost Total =** | ERR | **Total per MBF** | | $0.00 |

**Total Fuel, Site Prep and Miscellaneous Costs =** ERR **Total per MBF** $24.88

**Optional Log Scaling** $ 0.75 per Minute Delay Cost for Scaling (4 minute delay). Total Cost = $11,616.00

OR-110-5409-3 (Apr 1997)

# Logging Cost Summary Sheet

District Sale Number 0

| Type of Logging | | Total Cost | Volume Yarded | Cost per MBF |
|---|---|---|---|---|
| **Cable** | 40' tower, manual falling, delimber and loader. | $0.00 | 0 | $0.00 |
| | 40' tower, manual falling and loader. | $0.00 | 0 | $0.00 |
| | 50' swing yarder, manual falling and loader. | $35,901.41 | 238 | $9.27 |
| | 70' tower, manual falling, delimber and loader. | $0.00 | 0 | $0.00 |
| | 70' tower, manual falling and loader. | $0.00 | 0 | $0.00 |
| | **Total Cable Logging Costs** | $35,901.41 | **Total per MBF** | $9.27 |
| | **Total Yarded** 238 | | | |
| **Ground Based** | 1 Harvester and 2 forwarders (load by forwarder) | $0.00 | 0 | $0.00 |
| | Shovel logger and loader, manual falling. | $0.00 | 0 | $0.00 |
| | Feller buncher, tired skid, delimber and loader. | $0.00 | 0 | $0.00 |
| | Track Skidder (2), manual falling and loader. | $0.00 | 0 | $0.00 |
| | Track Skidder (2), feller buncher, delmbr & Lder. | $0.00 | 0 | $0.00 |
| | Track Skidder (2), manual falling and loader. | $277,694.17 | 3057 | $71.72 |
| | **Total Ground Based Logging Costs** | $277,694.17 | **Total per MBF** | $71.72 |
| | **Total Yarded** 3057 | | | |
| **Helicopter** | Helicopter yarding, manual falling and 2 loaders. | $158,091.53 | 577 | $40.83 |
| | Helicopter yarder, 2 harvesters and 2 loaders. | $0.00 | 0 | $0.00 |
| | **Total Helicopter Logging Costs** | $158,091.53 | **Total per MBF** | $40.83 |
| | **Total Yarded** 577 | | | |
| | **Total Logging Costs to the Truck** | $471,687.11 | **Total per MBF** | $121.82 |
| | **Total Yarded** 3872 All Logging Systems | | | |
| **Transportation** | Miles to the Utilization Center 40 | | | |
| | RTM Miles 80 | | | |
| | **Total Hauling Costs** | $174,240.00 | **Total per MBF** | $45.00 |
| | **Total Logging Costs** | $645,927.11 | **Total per MBF** | $166.82 |
| | **Total Fuel, Site Prep and Misc. Costs** | ERR | **Total per MBF** | $24.88 |

## Cost to the Manufacturing Center ERR Total per MBF $191.70

OR-110-5409-5 (Apr 1997) Pg 1

# FUEL MANAGEMENT COST WORKSHEET



Gross Volume 0 CO-1 (Ctrl o) Date 0 Appraised By 0

Net Volume 3872 Approved By 0

| Unit Number (Ctrl a) | Unit | SGFMA | SGFMA | SCC | SCS | SCH | DMC | DMS | DMH | NGFMA |
|---|---|---|---|---|---|---|---|---|---|---|
| Acres | Acres | 86 | 5 | 44 | 6 | 14 | 223 | 23 | 93 | 12 |
| Fire Ln Cnst/Maint-Lv 1 | Ft | | | | | | | | | |
| Fire Ln Cnst/Maint-Lv 3 | Ft | | | | | | | | | |
| Fire Ln Cnst/Maint-Lv 4 | Ft | | | | | | | | | |
| FMZ Const. - Level 1 | Ac | | | | | | | | | |
| FMZ Const. - Level 2 | Ac | | | | | | | | | |
| FMZ Const. - Level 3 | Ac | | | | | | | | | |
| FMZ Const. - Level 6 | Ac | | | | | | | | | |
| Hand Pile,Cvr-Level 1 | Ac | | | | | | | | | |
| Hand Pile,Cvr-Level 2 | Ac | | | | | | | | | |
| Hand Pile,Cvr-Level 3 | Ac | | 5 | | | | | | | |
| Ex Pile ~~Hand Pile~~,Cvr-Level 6 | Ac | 86 | | | | | | | | 12 |
| Hand Pile Brn-Level 1 | Ac | | | | | | | | | |
| Hand Pile Brn-Level 2 | Ac | | | | | | | | | |
| Hand Pile Brn-Level 3 | Ac | | | | | | | | | |
| Hand Pile Brn-Level 4 | Ac | 86 | 5 | | | | | | | 12 |
| Hand Pile Brn-Level 5 | Ac | | | | | | | | | |
| Slashing - Level 1 | Ac | | | | | | | | | |
| Slashing - Level 2 | Ac | | | | | | | | | |
| Slashing - Level 3 | Ac | | | | | | | | | |
| Slashing - Level 5 | Ac | | | | | | | | | |
| Slashing - Level 6 | Ac | | | | | | | | | |
| Presc. Burn.-Level 1 | Ac | | | | | | | | | |
| Presc. Burn.-Level 2 | Ac | | | | | | | | | |
| Presc. Burn.-Level 3 | Ac | | | | | | | | | |
| Presc. Burn.-Level 4 | Ac | | | | | | | | | |
| Presc. Burn.-Level 5 | Ac | | | | | | | | | |
| Lop and Scatter-Lvl 1 | Ac | | | | | | | | | |
| Lop and Scatter-Lvl 2 | Ac | | | | | | | | | |
| Lop and Scatter-Lvl 3 | Ac | | | | | | | | | |
| Lop and Scatter-Lvl 4 | Ac | | | 44 | 6 | 14 | 223 | 23 | 93 | |
| Girdling - Level 1 | Ac | | | | | | | | | |
| Girdling - Level 2 | Ac | | | | | | | | | |
| Girdling - Level 3 | Ac | | | | | | | | | |
| Swamper Burn-Lvl 1 | Ac | | | | | | | | | |
| Swamper Burn-Lvl 2 | Ac | | | | | | | | | |
| Swamper Burn-Lvl 3 | Ac | | | | | | | | | |
| Pullback - Level 1 | Ac | | | | | | | | | |
| Pullback - Level 2 | Ac | | | | | | | | | |
| Pullback - Level 3 | Ac | | | | | | | | | |

# FUEL MANAGEMENT COST WORKSHEET



Gross Volume 0 Date 0 Appraised By 0

Net Volume 3872 **TOTALS** Approved By 0

| Unit Number Ctrl (c) | AC | | | | | | | | | | | | | | Total | Cost | Treatment | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acres | /Ft | | | | | | | | | | | | | | ft/mile | per M | Cost, ft/mi | Treatment |
| Fire Ln Cnst/Maint-Lv 1 | Ft | | | | | | | | | | | | | | 0 | $0.00 | $0.20 | $0.00 |
| Fire Ln Cnst/Maint-Lv 3 | Ft | | | | | | | | | | | | | | 0 | $0.00 | $0.49 | $0.00 |
| Fire Ln Cnst/Maint-Lv 4 | Ft | | | | | | | | | | | | | | 0 | $0.00 | $0.53 | $0.00 |
| FMZ Const. - Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $215.00 | $0.00 |
| FMZ Const. - Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $254.00 | $0.00 |
| FMZ Const. - Level 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $307.00 | $0.00 |
| FMZ Const. - Level 6 | AC | | | | | | | | | | | | | | 0 | $0.00 | $360.00 | $0.00 |
| Hand Pile,Cvr-Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $234.00 | $0.00 |
| Hand Pile,Cvr-Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $292.00 | $0.00 |
| Hand Pile,Cvr-Level 3 | AC | | | | | | | | | | | | | | 5 | $0.50 | $389.00 | $1,945.00 |
| Ex P. Ic ~~Hand Pile~~,Cvr-Level 6 | AC | | | | | | | | | | | | | | 98 | $15.19 | $600.00 | $58,800.00 |
| Hand Pile Brn-Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $24.00 | $0.00 |
| Hand Pile Brn-Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $32.00 | $0.00 |
| Hand Pile Brn-Level 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $43.00 | $0.00 |
| Hand Pile Brn-Level 4 | AC | | | | | | | | | | | | | | 103 | $1.38 | $52.00 | $5,356.00 |
| Hand Pile Brn-Level 5 | AC | | | | | | | | | | | | | | 0 | $0.00 | $59.00 | $0.00 |
| Slashing - Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $102.00 | $0.00 |
| Slashing - Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $124.00 | $0.00 |
| Slashing - Level 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $144.00 | $0.00 |
| Slashing - Level 5 | AC | | | | | | | | | | | | | | 0 | $0.00 | $144.00 | $0.00 |
| Slashing - Level 6 | AC | | | | | | | | | | | | | | 0 | $0.00 | $173.00 | $0.00 |
| Presc. Burn.-Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $50.00 | $0.00 |
| Presc. Burn.-Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $91.00 | $0.00 |
| Presc. Burn.-Level 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $175.00 | $0.00 |
| Presc. Burn.-Level 4 | AC | | | | | | | | | | | | | | 0 | $0.00 | $236.00 | $0.00 |
| Presc. Burn.-Level 5 | AC | | | | | | | | | | | | | | 0 | $0.00 | $273.00 | $0.00 |
| Lop and Scatter-Lvl 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $22.00 | $0.00 |
| Lop and Scatter-Lvl 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $27.00 | $0.00 |
| Lop and Scatter-Lvl 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $36.00 | $0.00 |
| Lop and Scatter-Lvl 4 | AC | | | | | | | | | | | | | | 403 | $7.81 | $75.00 | $30,225.00 |
| Girdling - Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $22.00 | $0.00 |
| Girdling - Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $31.00 | $0.00 |
| Girdling - Level 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $44.00 | $0.00 |
| Swamper Burn-Lvl 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $220.00 | $0.00 |
| Swamper Burn-Lvl 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $312.00 | $0.00 |
| Swamper Burn-Lvl 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $441.00 | $0.00 |
| Pullback - Level 1 | AC | | | | | | | | | | | | | | 0 | $0.00 | $37.00 | $0.00 |
| Pullback - Level 2 | AC | | | | | | | | | | | | | | 0 | $0.00 | $45.00 | $0.00 |
| Pullback - Level 3 | AC | | | | | | | | | | | | | | 0 | $0.00 | $72.00 | $0.00 |
| | | | | | | | | | | | | | | | CO-1 | Costs Enter Here | | $0.00 |
| | | | | | | | | | | | | | | Cost per M | | $24.88 | Tot. Cst. | $96,326.00 |

04/14/03 SALE NAME flouncealt3 MODIFICATION NO. _____
DATE

| SPECIES | VOLUME | CODE #1 | CODE #2 | CODE #3 | CODE #4 | CODE #5 | CODE #6 | % CHECK TOTALS |
|---|---|---|---|---|---|---|---|---|
| | | LOG GRADES BY PERCENT | | | | | | |
| OG D. FIR | 3234 | | | 0.3 | 0.2 | 38.2 | 61.3 | 100 |
| SG D. FIR | 0 | | | | | | | 0 |
| P. PINE | 0 | | | | | | | 0 |
| SALV.P.P. | 0 | | | | | | | 0 |
| S. PINE | 0 | | | | | | | 0 |
| SALV.S.P. | 0 | | | | | | | 0 |
| W. FIR | 0 | | | | | | | 0 |
| W. HEM | 0 | | | | | | | 0 |
| I. CEDAR | 0 | | | | | | | 0 |
| W.R.CEDAR | 0 | | | | | | | 0 |
| P.O.CEDAR | 0 | | | | | | | 0 |

LOGGING COST PER MBF FROM LOGGING WORKSHEET $241.63
ANY MARGINAL LOG VOLUME ??? 0
ROAD MAINTENANCE & ROCKWEAR /M $0.00
PROFIT & RISK (TYPE 7 UP TO 10) 7 %

STUMPAGE COMPUTATION

DOLLARS PER MBF LOG SCALE

| SPECIES | POND VALUE | LOGGING COSTS(-) | VALUE | ROAD MAINT(-) | PROFIT &RISK % | MARG. * LOGS (+) | STUMPAGE | TOTAL VALUE |
|---|---|---|---|---|---|---|---|---|
| OG D. FIR | $409.98 | $241.63 | $168.35 | $0.00 | $28.70 | $0.00 | $139.65 | $451,632.63 |
| SG D. FIR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| P. PINE | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| SALV.P.P. | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| S. PINE | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| SALV.S.P. | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| W. FIR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| W. HEM | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| I. CEDAR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| W.R.CEDAR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| P.O.CEDAR | $0.00 | $0.00 | $0.00 | $0.00 | $0.00 | | $0.00 | $0.00 |
| | | | | | | | TOTAL MODIFICATION VALUE-- | $451,632.63 |

* MARGINAL LOG VOLUME 0 MBF X $135.15 /MBF = $0.00
MARG. LOG VALUE
$0.00 3234 MBF = $0.00

CURRENT POND VALUES BY GRADE SHORT LOG

| DOUGLAS FIR | | PONDEROSA PINE | | SUGAR PINE | | BLUE PINE ALL SPECIES | |
|---|---|---|---|---|---|---|---|
| GRADE 1 | $1,020.00 | GRADE 1 | $750.00 | GRADE 1 | $968.18 | $225.00 | |
| GRADE 2 | $892.50 | GRADE 2 | $600.00 | GRADE 2 | $774.54 | INCENSE CEDAR | |
| GRADE 3 | $658.75 | GRADE 3 | $525.00 | GRADE 3 | $619.07 | ALL GRADE | $512.50 |
| GRADE 4 | $569.50 | GRADE 4 | $325.00 | GRADE 4 | $325.00 | | |
| GRADE 5 | $537.20 | GRADE 5 | $325.00 | GRADE 5 | $325.00 | P.O.CEDAR | |
| GRADE 6 | $328.95 | WHITE FIR AND HEMLOCK | | | | GRADE 1 | $1,770.00 |
| UC | $135.15 | GRADE 3 | $450.00 | W.R. CEDAR | | GRADE 2 | $1,500.00 |
| SG S-M | $531.25 | GRADE 4 | $410.00 | GRADE 4 | $782.85 | GRADE 3 | $850.00 |
| SG-2-M | $465.80 | GRADE 5 | $375.00 | GRADE 5 | $771.80 | GRADE 4 | $700.00 |
| SG-3-M | $437.75 | GRADE 6 | $337.50 | GRADE 6 | $531.25 | GRADE 5 | $600.00 |

| SEC/OI | RX | VOL/AC | ALT3/CR CAT AC | SKY AC | HEL AC | CAT VOL | SKY VOL | HEL VOL |
|---|---|---|---|---|---|---|---|---|
| 33-003 | **SGFMA** | **15** | **17** | **0** | **0** | **255** | **0** | **0** |
| 35-012N | **NGFMA** | **25** | **6** | **0** | **0** | **150** | **0** | **0** |
| 1-003 | SC | 8 | 14 | 5 | 0 | 112 | 40 | 0 |
| 1-004 | SC | 8 | 3 | 0 | 0 | 24 | 0 | 0 |
| 4-002 | SC | 8 | 14 | 0 | 0 | 112 | 0 | 0 |
| 11-001 | SC | 8 | 0 | 6 | 0 | 0 | 48 | 0 |
| 11-008 | SC | 8 | 17 | 0 | 0 | 136 | 0 | 0 |
| 31-007 | SC | 8 | 11 | 0 | 0 | 88 | 0 | 0 |
| 33-003 | SC | 8 | 54 | 0 | 0 | 432 | 0 | 0 |
| 35-005 | SC | 8 | 0 | 0 | 14 | 0 | 0 | 112 |
| **TOTAL** | **SC** | | **113** | **11** | **14** | **904** | **88** | **112** |
| 1-004 | DM | 5 | 0 | 0 | 10 | 0 | 0 | 50 |
| 3-003 | DM | 5 | 24 | 12 | 0 | 120 | 60 | 0 |
| 5-003 | DM | 5 | 13 | 0 | 0 | 65 | 0 | 0 |
| 8-005 | DM | 5 | 6 | 0 | 16 | 30 | 0 | 80 |
| 9-002 | DM | 5 | 19 | 0 | 0 | 95 | 0 | 0 |
| 11-010 | DM | 5 | 0 | 5 | 0 | 0 | 25 | 0 |
| 17-001 | DM | 5 | 0 | 0 | 14 | 0 | 0 | 70 |
| 19-003 | DM | 5 | 36 | 0 | 0 | 180 | 0 | 0 |
| 23-779 | DM | 5 | 30 | 6 | 0 | 150 | 30 | 0 |
| 23-005 | DM | 5 | 13 | 0 | 0 | 65 | 0 | 0 |
| 27-003 | DM | 5 | 0 | 0 | 34 | 0 | 0 | 170 |
| 32-002 | DM | 5 | 4 | 0 | 0 | 20 | 0 | 0 |
| 35-006 | DM | 5 | 0 | 0 | 19 | 0 | 0 | 95 |
| 35-007 | DM | 5 | 68 | 0 | 0 | 340 | 0 | 0 |
| 35-008 | DM | 5 | 6 | 0 | 0 | 30 | 0 | 0 |
| 35-012S | DM | 5 | 10 | 0 | 0 | 50 | 0 | 0 |
| **TOTAL** | **DM** | | **229** | **23** | **93** | **1145** | **115** | **465** |
| | | TOTALS | 365 | 34 | 107 | 2454 | 203 | 577 |

| | |
|---|---|
| SALE AC | 506 |
| VOL TOT | 3234 |

OR-5420-1a

(JANUARY 1997)

# TIMBER SALE SUMMARY CONTINUATION

District: Medford
ATSP Tract No.: 0
Sale Name:
FAALT3

| COSTS | $/CCF | $/MBF |
|---|---|---|
| Falling & Bucking: | $0.00 | $0.00 |
| Yard, Load, etc.: | ERR | $136.13 |
| Transportation: | ERR | $45.00 |
| Road Construction: | ERR | $0.00 |
| Road Amortization: | ERR | $0.00 |
| Road Maintenance: | ERR | $45.00 |
| Other Allowances: | | |
| Fire Protection: | $0.00 | $0.00 |
| Slash Disposal: | ERR | $15.50 |
| Site Preparation: | ERR | $0.00 |
| Miscellaneous: | ERR | $0.00 |
| | | $0.00 |
| Total Allowances: | ERR | $15.50 |
| **Cost to Utiliz. Ctr:** | **ERR** | **$241.63** |

## PROFIT & RISK ALLOWANCE

Basic Profit and Risk: 7 %

Additional Risk:
- Low (1 %) 0
- Medium (2%) 0
- High (3%) 0

Total Profit and Risk: 7 %

**Purchaser:**

**Contract Number:** 0

## TRACT FEATURES:

| | | | |
|---|---|---|---|
| Average Log D-Fir (Bd. Ft.): | 0 | All: | 0 |
| % Recovery D-Fir: | 0 | All: | 0 |
| % Salvage D-Fir: | 0 | All: | 0 |
| Average Volume per Acre: | 6.4 | MBF | |
| Average Yarding Slope: | 0 | % | |
| Average Yarding Distance: | 0 | Feet | |
| Average Age: | | Years | |
| Retention Trees Per Acre: | | Trees | |
| % Volume Cable: | 6 | % | |
| % Volume Ground Based: | 76 | % | |
| % Volume Aerial | 18 | % | |
| Utilization Center: | | | |
| Weighted Miles to Utilization Center: | 0 | | |

Road Construction (100' Stations):

| | | | |
|---|---|---|---|
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |

Road Improvement (100' Stations):

| | | | |
|---|---|---|---|
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |
| Class: | 0 | No. of Stations: | 0 |

## CRUISE

| | | |
|---|---|---|
| Cruised By: | 0 | |
| Date: | 0 | |
| Type of Cruise: | 0% | |
| ADP Number: | 0 | 0 |

## VOLUME (MBF - Net Merch)

| | | | |
|---|---|---|---|
| Green: | 3234 | Salvage: | 0 |
| D-Fir Sawlog: | 3234 | Peeler: | 0 |
| Export Volume: | 0 | | |

OR-110-5409-2 (Apr 1997)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

District Sale Number 0

## Appraisal Worksheet - Miscellaneous Costs

### Fire Protection Included in Logging Costs

### Fuel Treatment: See Attached Worksheet

| Allowances | Total Cost | | MBF | Cost per MBF |
|---|---|---|---|---|
| Hand Fireline Construction | $0.00 | ÷ | 3234 | $0.00 |
| FMZ Fireline Construction | $0.00 | ÷ | 3234 | $0.00 |
| Hand Piles and Cover | $12,534.00 | ÷ | 3234 | $3.88 |
| Hand Pile Burning | $1,357.00 | ÷ | 3234 | $0.42 |
| Slashing | $0.00 | ÷ | 3234 | $0.00 |
| Prescribed Burning | $0.00 | ÷ | 3234 | $0.00 |
| Lop and Scatter | $36,225.00 | ÷ | 3234 | $11.20 |
| Girdling | $0.00 | ÷ | 3234 | $0.00 |
| Swamper Burn | $0.00 | ÷ | 3234 | $0.00 |
| Pullback | $0.00 | ÷ | 3234 | $0.00 |

**Fuel Treatment and Reduction Total Costs =** $50,116.00 **Total per MBF** $15.50

**CO-1** Those Items Usually Included In CO-1 Appraisal Value = $0.00 X 1.18 (DSC Admin. Cost) $0.00

### Other Allowances: Summary of Costs

| Site Prep Allowances | Total Cost | | MBF | Cost per MBF |
|---|---|---|---|---|
| Ripping | $0.00 | ÷ | 3234 | $0.00 |
| Skid Location and Construction | $0.00 | ÷ | 3234 | $0.00 |
| Water Bar Skids | $0.00 | ÷ | 3234 | $0.00 |
| Landing Cleanup | $0.00 | ÷ | 3234 | $0.00 |
| End Hauling | $0.00 | ÷ | 3234 | $0.00 |
| Temporary Spur Construction | $0.00 | ÷ | 3234 | $0.00 |
| Landing Construction and/or Improvement | $0.00 | ÷ | 3234 | $0.00 |
| Hand Seeding and/or Mulching | $0.00 | ÷ | 3234 | $0.00 |
| Gross Yarding (included in Merch Yarding) | $0.00 | ÷ | 3234 | $0.00 |
| Chipping Operation | $0.00 | ÷ | 3234 | $0.00 |
| **Site Prep Costs =** | $0.00 | **Total per MBF** | | $0.00 |

| Miscellaneous Allowances | | | | |
|---|---|---|---|---|
| Deadman Anchors | $0.00 | ÷ | 3234 | $0.00 |
| Stream and Culvert Cleaning | $0.00 | ÷ | 3234 | $0.00 |
| Barricades and/or Guardrails | $0.00 | ÷ | 3234 | $0.00 |
| Tree Blasting (Snag Replacement) | $0.00 | ÷ | 3234 | $0.00 |
| Down Woody or Snag Falling | $0.00 | ÷ | 3234 | $0.00 |
| Watering, Cleaning and/or Dust Abatement | $0.00 | ÷ | 3234 | $0.00 |
| Flaggers | $0.00 | ÷ | 3234 | $0.00 |
| Bearing Trees and/or Stump Treatment | $0.00 | ÷ | 3234 | $0.00 |
| 0 | $0.00 | ÷ | 3234 | $0.00 |
| 0 | $0.00 | ÷ | 3234 | $0.00 |
| 0 | $0.00 | ÷ | 3234 | $0.00 |
| Directional Falling | ERR | ÷ | 3234 | $0.00 |
| **Other Miscellaneous Cost Total =** | ERR | **Total per MBF** | | $0.00 |

**Total Fuel, Site Prep and Miscellaneous Costs =** ERR **Total per MBF** $15.50

**Optional Log Scaling** $ 0.75 per Minute Delay Cost for Scaling (4 minute delay). Total Cost = $9,702.00

OR-110-5409-3 (Apr 1997)

# Logging Cost Summary Sheet

District Sale Number 0

| Type of Logging | | Total Cost | Volume Yarded | Cost per MBF |
|---|---|---|---|---|
| **Cable** | 40' tower, manual falling, delimber and loader. | $0.00 | 0 | $0.00 |
| | 40' tower, manual falling and loader. | $0.00 | 0 | $0.00 |
| | 50' swing yarder, manual falling and loader. | $32,250.91 | 203 | $9.97 |
| | 70' tower, manual falling, delimber and loader. | $0.00 | 0 | $0.00 |
| | 70' tower, manual falling and loader. | $0.00 | 0 | $0.00 |
| | **Total Cable Logging Costs** | $32,250.91 | **Total per MBF** | $9.97 |
| | **Total Yarded** 203 | | | |
| **Ground Based** | 1 Harvester and 2 forwarders (load by forwarder) | $0.00 | 0 | $0.00 |
| | Shovel logger and loader, manual falling. | $0.00 | 0 | $0.00 |
| | Feller buncher, tired skid, delimber and loader. | $0.00 | 0 | $0.00 |
| | Track Skidder (2), manual falling and loader. | $0.00 | 0 | $0.00 |
| | Track Skidder (2), feller buncher, delmbr & Lder. | $0.00 | 0 | $0.00 |
| | Track Skidder (2), manual falling and loader. | $252,186.44 | 2454 | $77.98 |
| | **Total Ground Based Logging Costs** | $252,186.44 | **Total per MBF** | $77.98 |
| | **Total Yarded** 2454 | | | |
| **Helicopter** | Helicopter yarding, manual falling and 2 loaders. | $155,825.24 | 577 | $48.18 |
| | Helicopter yarder, 2 harvesters and 2 loaders. | $0.00 | 0 | $0.00 |
| | **Total Helicopter Logging Costs** | $155,825.24 | **Total per MBF** | $48.18 |
| | **Total Yarded** 577 | | | |
| | **Total Logging Costs to the Truck** | $440,262.59 | **Total per MBF** | $136.13 |
| | **Total Yarded** 3234 All Logging Systems | | | |
| **Transportation** | Miles to the Utilization Center 0 | | | |
| | RTM Miles 0 | | | |
| | **Total Hauling Costs** | $145,530.00 | **Total per MBF** | $45.00 |
| | **Total Logging Costs** | $585,792.59 | **Total per MBF** | $181.13 |
| | **Total Fuel, Site Prep and Misc. Costs** | ERR | **Total per MBF** | $15.50 |

## Cost to the Manufacturing Center ERR Total per MBF $196.63

OR-110-5409-5 (Apr 1997) Pg 1

# FUEL MANAGEMENT COST WORKSHEET



Gross Volume 0 CO-1 (Ctrl o) Date 0 Appraised By 0

Net Volume 3234 Approved By 0

| Unit Number (Ctrl a) | Unit | SGFMA | NGFMA | SCC | SCS | SCH | DMC | DMS | DMH |
|---|---|---|---|---|---|---|---|---|---|
| Acres | Acres | 17 | 6 | 113 | 11 | 14 | 229 | 23 | 93 |
| Fire Ln Cnst/Maint-Lv 1 | Ft | | | | | | | | |
| Fire Ln Cnst/Maint-Lv 3 | Ft | | | | | | | | |
| Fire Ln Cnst/Maint-Lv 4 | Ft | | | | | | | | |
| FMZ Const. - Level 1 | Ac | | | | | | | | |
| FMZ Const. - Level 2 | Ac | | | | | | | | |
| FMZ Const. - Level 3 | Ac | | | | | | | | |
| FMZ Const. - Level 6 | Ac | | | | | | | | |
| Hand Pile,Cvr-Level 1 | Ac | | | | | | | | |
| Hand Pile,Cvr-Level 2 | Ac | | | | | | | | |
| Hand Pile,Cvr-Level 3 | Ac | | 6 | | | | | | |
| EX Pile ~~Hand Pile~~,Cvr-Level 6 | Ac | 17 | | | | | | | |
| Hand Pile Brn-Level 1 | Ac | | | | | | | | |
| Hand Pile Brn-Level 2 | Ac | | | | | | | | |
| Hand Pile Brn-Level 3 | Ac | | | | | | | | |
| Hand Pile Brn-Level 4 | Ac | | 0 | | | | | | |
| Hand Pile Brn-Level 5 | Ac | 17 | 6 | | | | | | |
| Slashing - Level 1 | Ac | | | | | | | | |
| Slashing - Level 2 | Ac | | | | | | | | |
| Slashing - Level 3 | Ac | | | | | | | | |
| Slashing - Level 5 | Ac | | | | | | | | |
| Slashing - Level 6 | Ac | | | | | | | | |
| Presc. Burn.-Level 1 | Ac | | | | | | | | |
| Presc. Burn.-Level 2 | Ac | | | | | | | | |
| Presc. Burn.-Level 3 | Ac | | | | | | | | |
| Presc. Burn.-Level 4 | Ac | | | | | | | | |
| Presc. Burn.-Level 5 | Ac | | | | | | | | |
| Lop and Scatter-Lvl 1 | Ac | | | | | | | | |
| Lop and Scatter-Lvl 2 | Ac | | | | | | | | |
| Lop and Scatter-Lvl 3 | Ac | | | | | | | | |
| Lop and Scatter-Lvl 4 | Ac | | | 113 | 11 | 14 | 229 | 23 | 93 |
| Girdling - Level 1 | Ac | | | | | | 0 | | |
| Girdling - Level 2 | Ac | | | | | | | | |
| Girdling - Level 3 | Ac | | | | | | | | |
| Swamper Burn-Lvl 1 | Ac | | | | | | | | |
| Swamper Burn-Lvl 2 | Ac | | | | | | | | |
| Swamper Burn-Lvl 3 | Ac | | | | | | | | |
| Pullback - Level 1 | Ac | | | | | | | | |
| Pullback - Level 2 | Ac | | | | | | | | |
| Pullback - Level 3 | Ac | | | | | | | | |

# FUEL MANAGEMENT COST WORKSHEET



Gross Volume 0 Date 0 Appraised By 0

Net Volume 3234 **TOTALS** Approved By 0

| Unit Number Ctrl (c) | AC | Total | Cost | Treatment | Total Cost |
|---|---|---|---|---|---|
| Acres | /Ft | ft/mile | per M | Cost, ft/mi | Treatment |
| Fire Ln Cnst/Maint-Lv 1 | Ft | 0 | $0.00 | $0.20 | $0.00 |
| Fire Ln Cnst/Maint-Lv 3 | Ft | 0 | $0.00 | $0.49 | $0.00 |
| Fire Ln Cnst/Maint-Lv 4 | Ft | 0 | $0.00 | $0.53 | $0.00 |
| FMZ Const. - Level 1 | AC | 0 | $0.00 | $215.00 | $0.00 |
| FMZ Const. - Level 2 | AC | 0 | $0.00 | $254.00 | $0.00 |
| FMZ Const. - Level 3 | AC | 0 | $0.00 | $307.00 | $0.00 |
| FMZ Const. - Level 6 | AC | 0 | $0.00 | $360.00 | $0.00 |
| Hand Pile,Cvr-Level 1 | AC | 0 | $0.00 | $234.00 | $0.00 |
| Hand Pile,Cvr-Level 2 | AC | 0 | $0.00 | $292.00 | $0.00 |
| Hand Pile,Cvr-Level 3 | AC | 6 | $0.72 | $389.00 | $2,334.00 |
| Ex Pile ~~Hand Pile~~,Cvr-Level 6 | AC | 17 | $3.15 | $600.00 | $10,200.00 |
| Hand Pile Brn-Level 1 | AC | 0 | $0.00 | $24.00 | $0.00 |
| Hand Pile Brn-Level 2 | AC | 0 | $0.00 | $32.00 | $0.00 |
| Hand Pile Brn-Level 3 | AC | 0 | $0.00 | $43.00 | $0.00 |
| Hand Pile Brn-Level 4 | AC | 0 | $0.00 | $52.00 | $0.00 |
| Hand Pile Brn-Level 5 | AC | 23 | $0.42 | $59.00 | $1,357.00 |
| Slashing - Level 1 | AC | 0 | $0.00 | $102.00 | $0.00 |
| Slashing - Level 2 | AC | 0 | $0.00 | $124.00 | $0.00 |
| Slashing - Level 3 | AC | 0 | $0.00 | $144.00 | $0.00 |
| Slashing - Level 5 | AC | 0 | $0.00 | $144.00 | $0.00 |
| Slashing - Level 6 | AC | 0 | $0.00 | $173.00 | $0.00 |
| Presc. Burn.-Level 1 | AC | 0 | $0.00 | $50.00 | $0.00 |
| Presc. Burn.-Level 2 | AC | 0 | $0.00 | $91.00 | $0.00 |
| Presc. Burn.-Level 3 | AC | 0 | $0.00 | $175.00 | $0.00 |
| Presc. Burn.-Level 4 | AC | 0 | $0.00 | $236.00 | $0.00 |
| Presc. Burn.-Level 5 | AC | 0 | $0.00 | $273.00 | $0.00 |
| Lop and Scatter-Lvl 1 | AC | 0 | $0.00 | $22.00 | $0.00 |
| Lop and Scatter-Lvl 2 | AC | 0 | $0.00 | $27.00 | $0.00 |
| Lop and Scatter-Lvl 3 | AC | 0 | $0.00 | $36.00 | $0.00 |
| Lop and Scatter-Lvl 4 | AC | 483 | $11.20 | $75.00 | $36,225.00 |
| Girdling - Level 1 | AC | 0 | $0.00 | $22.00 | $0.00 |
| Girdling - Level 2 | AC | 0 | $0.00 | $31.00 | $0.00 |
| Girdling - Level 3 | AC | 0 | $0.00 | $44.00 | $0.00 |
| Swamper Burn-Lvl 1 | AC | 0 | $0.00 | $220.00 | $0.00 |
| Swamper Burn-Lvl 2 | AC | 0 | $0.00 | $312.00 | $0.00 |
| Swamper Burn-Lvl 3 | AC | 0 | $0.00 | $441.00 | $0.00 |
| Pullback - Level 1 | AC | 0 | $0.00 | $37.00 | $0.00 |
| Pullback - Level 2 | AC | 0 | $0.00 | $45.00 | $0.00 |
| Pullback - Level 3 | AC | 0 | $0.00 | $72.00 | $0.00 |
| | | CO-1 | Costs Enter Here | | $0.00 |
| | | Cost per M | $15.49 | Tot. Cst. | $50,116.00 |