

2450

NORTHERN REGION - R-1

FOREST = 14 - Kootenai *

DISTRICT 01 - Rexford *

Expiration Date = April 1, 2014

V13.2

TIMBER SALE AND TRANSACTION EVIDENCE APPRAISAL REPORT

Sullivan CD Blowdown (SALE NAME)

Select Contract Type

TIM # 13106

TYPE 4 - Contract Form 2400-4 UOM CCF

Prepared by (Signature)

(Date)

Prepared by (Signature)

(Date)

Approved by (Signature)

(Date)

Reviewed by (Signature)

(Date)

All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and the applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Certification Reports for Gates 3 and 4 from TIM are attached to this timber sale report.

Timber Sale Final Package Approved By:

(Date)

TIMBER SALE INFORMATION

TIM, Gate 3, Create Timber Sale (Prep101)

Sale Area Description:

Primary County Name (FIPS Code): *

Sale Area Legal Description (short T & R):

Sale Area Legal Description (long):

The format that the description is entered here and inputted to TIM is exactly the way it will print out in the Contract, Ad and prospectus at Gate 4.

Compartment (s):

Environmental Documentation:

Project Association: List NEPA Project(s) that approved the timber sale.

<u>NEPA Document Name</u>	<u>Percentage of Sale Volume (CCF)</u>
<input type="text" value="Gold Boulder Sullivan EIS"/>	<input type="text" value="100"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

The above NEPA Document(s) shall be included in the Prospectus, General Narrative, TIM Gate 4 - Prospectus (ADVR115). Include the following statement in the Prospectus: The environmental document(s) that approved this sale:_____

Briefly describe additions or changes made to project design during timber sale preparation.

SALVAGE SALE FUND INFORMATION

TIM, Gate 4, Salvage Sale Fund Plan (ADVR112)

Reference to FSH 2409.19 - 71.12 - for assistance with SSF collections

https://fs.usda.gov/FSI_Directives/wo_2409.19_70.doc

SSF Silviculture Treatment Type (Pick one)

Salvage Component with Sanitation, Stand Improvement, or Regeneration *
(Use for all other sales - stand(s) that include a salvage component)

SSF Volume (CCF): % of total volume

FUNDING SOURCE

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source ---SSSS (Salvage Fund) %

(Contact SO for percentage to enter into Funding Source form. Funding Source percentage must be equal to or less than % of salvage in the SSF Plan.)

CRUISE INFORMATION

CRUISE: # CHECK CRUISE:
Date of Cruise Date of Check:
Cruisers:

Cruisers:

Method: Results:
SE%:

Method of determining ROW volume:

Basis for Percent Defect:

TSPIRS INFORMATION, SALE OBJECTIVES

TIM, Gate 3, Create Timber Sale (Prep101)

<u>Purpose (TIM -PREP101)</u>	<u>Activity</u>	<u>% of Sale Volume - CCF (TIM - PREP101)</u>
TC - Timber Commodity Purpose *	01 - Timber Purpose *	100
*		
*		

KOOTENAI SALE PURPOSE CODING INSTRUCTIONS

www.fs.fed.us/im/directives/fsh/2409.18/2409.18_20.doc

<u>Management Areas</u>	<u>Sale Purpose Code</u>	<u>Type of sale</u>
All suitable MA's (MA 11,12,14,15,16,17)	TC/01	All sawtimber, non-sawtimber and fuelwood sales on all contract forms including permits.
Non suitable MA's	FS/___	All sawtimber sales, select the most appropriate activity based on documented sale purpose.
<i>In the absence of documented sale purpose reasons for nonsuitable MA'S, the following codes, based on stated goals and objectives in the Forest Plan, will be used.</i>		
MA 3, 5, 19	FS/10	General salvage
MA 6	FS/20	Hazard tree removal
MA 10	FS/30	Wildlife Habitat Improvement
MA 18	FS/90	Test Regen Techniques

Percentage: The percentage distribution will be 100% EXCEPT when an individual sale includes a mix of suitable and nonsuitable MA's. In this circumstance, the percentage split between TC and FS coding will be based on the sawtimber volume in the MA's. DO NOT distribute the percentage for nonchargeable product volume that may be included on sawtimber sales in suitable MA's. Code these as 100% TC/01.

Convertible product permits and non timber commercial sale contracts or permits.	FS/70/100%	Commercial sale of post, poles, Christmas trees, mushrooms, etc.
Firewood or Christmas Permits	PP/80/100%	Intent is personal use.

SPECIES VOLUME SUMMARY

TREE MEASUREMENT SALES - UOM - CCF

Enter species by volume to reflect how Contract Species will be assigned in **TIM Gate 3 – Prep 105**. Species can be grouped in NCS (Report R101) to reflect Contract Species grouping required for input to Species Volume Summary.

Species Sawtimber	Total Defect	Total Volume
AF	0	0
C	0	0
DF	20	24
GF	0	0
H	0	0
L	33	27
LP	0	0
PP	32	9
S	0	0
WP	0	0
CS	0	0

Total Sawtimber	Average 28	60 <i>Appraisal Volume</i>
Total Non-Sawtimber	Average 0	0
Total Volume <i>(Sawtimber + Non-Sawtimber)</i>	Average 28	60 <i>A(T) 2 - Rd. Maint. Vol.</i>
Net MBF/CCF Ratio For Sawtimber From NCS Report CS1		0.5537
Net MBF/CCF Ratio For Non-Sawtimber From NCS Report CS1		0.0000

ASSIGN CONTRACT SPECIES

TIM Gate 3 - Prep 105

Contract Species Association

Contract species shall be grouped to reflect differences in utilization and/or how species shall be grouped in A(T) 2 of the Timber Sale Contract.

All Non-sawtimber shall be grouped as Combined Softwood (CS) under Contract Species

UTILIZATION STANDARDS

TIM Gate 4 - Contract Prep Information ADVR114

Fill out Minimum Specifications below to reflect how sawtimber & non-sawtimber were cruised.

Contract Species (Major Species Group)	Full Name for Contract	Conversion Factors (only applicable to weight scale sales) (Enter from Species Volume Summary)		Minimum Specifications					
		MBF	CCF	DBH	Number of Pieces	Length	DIB	Merch. Factor	
		<input checked="" type="checkbox"/> F & C	Live and Dead Sawlog	0.55369	1.000	7	1	8.0	5.6
<input type="checkbox"/>									
<input type="checkbox"/> #	CS	0	1.000	4	1	8.0	2.5	N/A	
<input type="checkbox"/>									

NON-SAWTIMBER is not included in this sale

NON-SAWTIMBER ADJUSTMENTS

DATA INPUT

Delivered Log Price (\$/Ton, Nonsawtimber material)			
Average Yarding Distance(Feet)			
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	0		
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	0		
Tons / CCF for nonsawtimber material	#DIV/0!	0.00	Adjustment
Total Appraised Sawlog Volume (CCF)	60		
Total One Way Weighted Haul Miles	81		Adjustment

Logging System	All Ground Based	All Cable	Forwarder
Nonsawtimber Primary Product (CCF)			
Net MBF / Acre Harvested for nonsawtimber primary product	0.0	0.0	0
Average DBH Harvested for nonsawtimber primary product			
Average Yarding Distance (Feet)	765	0	0
Nonsawtimber Primary Product (Tons)	#DIV/0!	#DIV/0!	#DIV/0!
Net Tons / Acre Harvested for nonsawtimber primary product	#DIV/0!	#DIV/0!	#DIV/0!

Nonsawtimber Adjustment	
Final Nonsawtimber Value (\$/CCF) A positive number is a negative value.	#VALUE!
Final Nonsawtimber Adjustment to enter into TE appraisal program (\$/CCF)	\$0.00

Non-Sawtimber is not included in this sale.

ROAD MAINTENANCE

(From Road Maintenance Appraisal Summary, sheets are attached)

Check Box to use Small Sale RM Rates.

Check Box to use Small Sale RM Rates plus Kooconusa Bridge

Contract Rates

Total Performance Recurrent Maintenance (Part A)	\$/CCF	\$/TON	
C(T)5.31 - Recurrent Maintenance	\$0.00	\$0.00	
C(T)5.312 - Reconditioning	\$0.00	\$0.00	
Total Performance (Part A)	\$0.00	\$0.00	(A)

Total Required Deposits (Recurrent and Deferred) (Part B)
(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADV105)

C(T)5.32# - Total Required Deposits (Part B)	\$3.64	\$0.00	(B)
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C(T)5.314 - Total Dust Abatement (Part C)	\$0.00	\$0.00	(C)
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TOTAL MAINTENANCE COST (Parts A-B-C)	\$3.64	\$0.00	
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Small Sale RM Rates are being used.

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	\$ 3.64	CCF
Total Road Maintenance Costs (Performance + Deposits)	\$ 3.64	CCF

**Refer to Road Maintenance Appraisal for Road Reconditioning cost per road segment.
(Attach worksheets with road costs)**

BRUSH DISPOSAL

From FACTS - Detailed Listing of BD and Purchaser Slash Treatment Activities

Appraisal Rates for 2400-17 (Applied to Sawtimber only)

Forest Service Rate (Fund Code BDBD) Total \$ (a) CCF

Purchaser Rate (Fund Code PPPP) Total\$ (b) CCF

TOTAL: (a) + (b) = CCF

Contract Rates (Applied to All Products)

Forest Service Rate Per CCF (Fund Code BDBD) CCF

EROSION CONTROL

Include seed mix and fertilizer in Other Conditions 6.

Site specific areas, such as gravel pits and very dry sites may call for more and/or different species in the mix. Document below the rationale for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
-----------------	-----------------

Winter Wheat	18
Hard Fescue	6
Orchard Grass	6

TOTAL	30
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Type of Fertilizer	Pounds per Acre
--------------------	-----------------

25-10-10 or 27-12-12 or 34-16-10	240
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TOTAL	240
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Crossdrains

Installation of crossdrains on temporary roads, skid trails and firelines are included in their respective cost allowance.

Scarification

acres @ per acre =

Seed and Fertilizer

If Temp Road seeding is not included in Temp Road worksheet then enter here

Temporary Roads feet = acres

Firelines feet = acres

Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer. acres X % = acres

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer. acres X % = acres

Landings

Number of landings X acres per landing = acres

TOTAL acres

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder
Acres	65	0	0	0	0

Seed mix, fert., labor costs:

	<u>Lbs / Acre</u>		<u>\$ / Lb</u>	=	<u>\$ per Acre</u>
Winter Wheat	18	X	\$2.00	=	\$36.00
Hard Fescue	6	X		=	\$0.00
Orchard Grass	6	X	\$2.00	=	\$12.00
0	0	X		=	\$0.00
0	0	X	\$2.00	=	\$0.00
Fertilizer	240	X		=	\$0.00
*Labor per Acre				=	
				\$ per acre	\$48.00

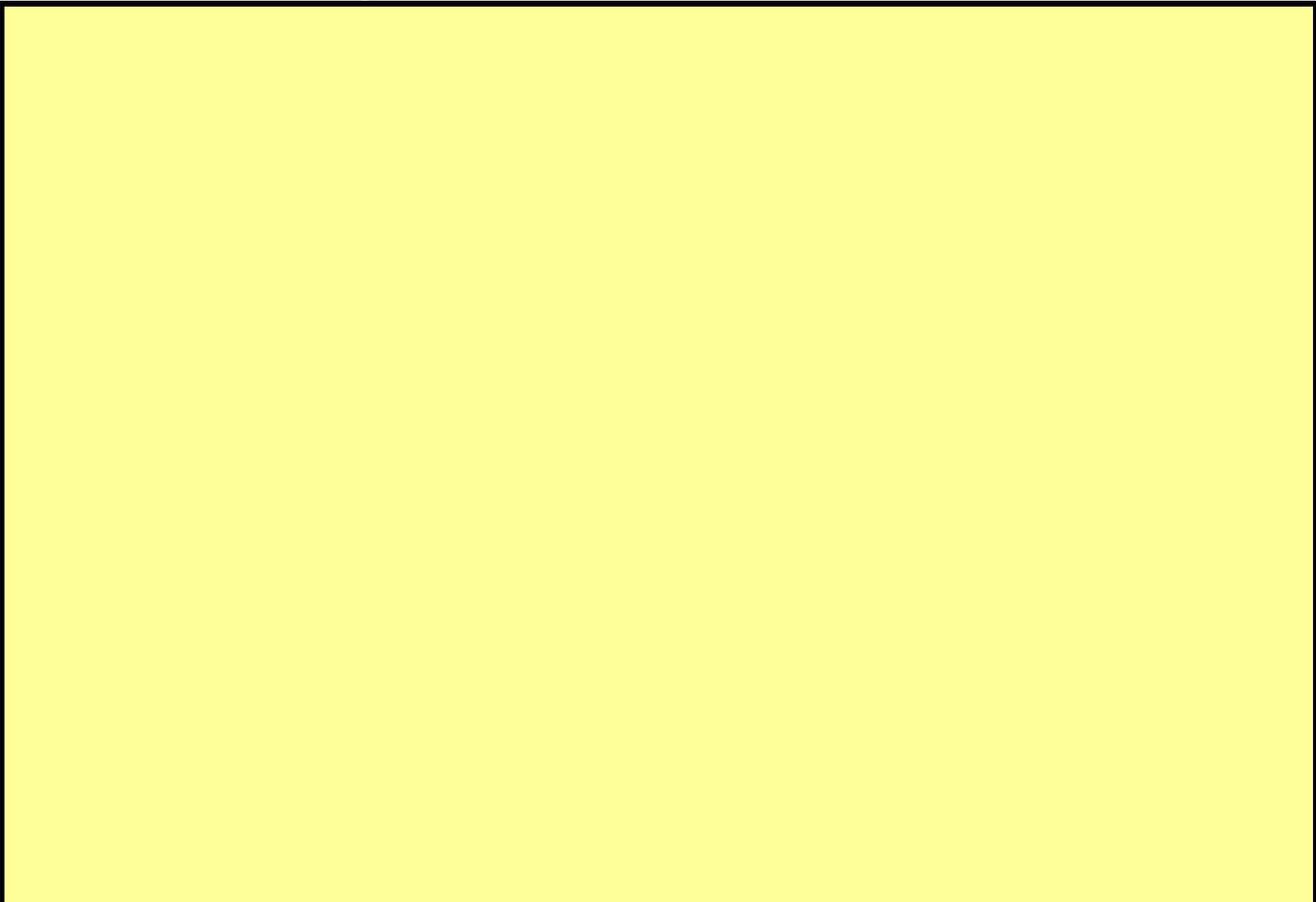
Total cost for

SEEDING	0.5	acres	X	\$48.00	\$/acre	=	\$24.00
FERTILIZER	0.5	acres	X	\$0.00	\$/acre	=	\$0.00
LABOR	0.5	acres	X	\$0.00	\$/acre	=	\$0.00
SCARIFICATION							\$0.00
TOTAL							\$24.00

\$24.00 COST / **60** CCF = **\$0.40** PER CCF

* Engineers estimate Page 114 of the Cost Guide Item Labor Rates.

Document Rational for Changes to Standard Seed Mix.



OTHER CONTRACTUAL REQUIREMENTS (A)

**Other - Include Contractual Obligations Requiring Performance Bond Coverage
(Road closure, Barriers, Trail Restoration, etc.)**

ITEM	#	X	COST	=	TOT COST
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

\$0.00 Cost / **60** CCF = **\$0.00** CCF

Subtotal Other Contractual Requirements (A) = \$0.00 CCF

MISCELLANEOUS CONTRACTUAL REQUIREMENTS (C)

(Contractual Obligations That Would Not Require Coverage Under The Performance Bond)

Stump Shoveling (Not required under normal operating/winter conditions. Include if clippers not allowed)

stumps X per stump =

Cost / CCF = CCF

Snow Plowing

miles X per mile X # plowings =

Cost / CCF = CCF

Miscellaneous: (Helicopter Landing Construction, Traffic Control etc...)

ITEM	#	X	COST	TOT COST
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>

Cost / CCF = CCF

Subtotal Miscellaneous Contractual Requirements (C) CCF

Total Other Contractual Requirements (A+B+C)	<input type="text" value="\$0.00"/> CCF
Brush Disposal (Purchaser and FS)	<input type="text" value="\$0.00"/> CCF
Total Environmental Protection Cost	<input type="text" value="\$0.00"/> CCF

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Approximate Award Date: mm/dd/yy

Contract Termination Date: mm/dd/yy

TIM - Input at Gate 4 - Prospectus, Bid and Misc. Information - Page 1 (ADVR115)

FIRE LIABILITY CALCULATION (ADVR114, Page 4)

5 CCF / man day --- 120 operating days / year --- 600 CCF / man year --- 12 hrs / shift --- 5 shifts / week.
AD-C Firefighter wage is updated yearly, ~March (FSH 5109.34 Chp 10). Link below to directive.

- (A) Total Volume = CCF
- (B) Sale Duration = YEARS (Calculated from Award Date to Termination Date)
- (C) Operating Days in Sale = (Sale Duration X 120 days.)
- (D) CCF Per Day = (Total Volume / Operating Days in Sale)
- (E) Men Needed to Log Sale = (CCF Per Day / 5 CCF)
- (F) Liability = (Wage Rate AD-C) X (hrs/shift) X (# shifts) X

http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htr

(# men) = TOTAL LIABILITY =

Round up to nearest \$50.00 up to \$200.00, then round up to nearest \$100.00

ROUNDED TOTAL =

Create New Sales

Forest No **14 - Kootenai**
 District No **01 - Rexford**
 Sale No **13106**
 Sale Name **Sullivan CD Blowdown**

Basic Information

Advertised Sale Number **13106**
 State **MT - Montana** *
 County Code **053 - Lincoln**
 Compartment No **5**
 Legal Description **Sec 19 and 30 T36N R28W**

Appraisal Date
 Contract Date
 Term Date **8/15/2014**
 Bid Date
 Modified By
 Modified Date

Size Class
 Sale Status
 SBA Code
 Appraisal Type
 Salvage Code
 Pricing Method
 SAI Collection
 Contract No
 Contract Form
 CO Authority
 Sale Method
 Regulation Code

7 - \$1,000,000.01 thru \$5,000,000 *
7030 - Pending 14i SBO *
W - Set Aside Not Requiring 30/70 Split *
TE - Transaction Evidence *
2 - Salv Sale or Salv Component in Regular Program *
100D - Escalated 100% up, 100%down *
4 - Contract Form 2400-4
R - Regional Forester *
S - Sealed Bids *
12 - 36 CFR 223.86 *

Area & Volume

Sale Acres	65	Cut Acres	65
Clearcut Acres		Clearcut Volume	
Seed Tree Acres		Seed Tree Volume	
Right Of Way Acres		Right Of Way Volume	
Final Seed Tree Acres		Final Seed Tree Volume	
Shelter Wood Acres		Shelter Wood Volume	
Cedar Poles: Volume			
Count			
Length			
Percent Salvage	100%		

Costs / CCF

Slash FS	
Slash Total	
Erosion	\$0.40
Snag	
Misc	
Temp Roads	
Other Temp Dev	
Unusual Cond Adj	
Road Maint Dep	\$3.64
Road Maint Total	\$3.64
Small Product Adj	

Comments

Blank
Includes other (A), weeds (B), Misc ©
Blank
Includes Tons/CCF Adjustment

Roads

Construction Miles	
Reconstruction Miles	
Appraisal Point	Cfalls
Total Haul Miles	81
Temp Road Const Miles	
Contributed Funds	
Timber Property Value	

Costs	
Costs	
State	Montana
Paved Miles	81.2
Costs	

Logging Systems

	Acres	CCF	Distance(ft)
Tractor	65	60	765
Horse			
Ground Lead			
Skyline			
Heli			
Swing			
Forwarder			

Use this sheet to calculate advertised value and to convert \$/CCF to \$/Tons.

Attach this sheet to the 2400-17 for Documentation.

Sawtimber Rate from the 2400-17 \$3.30

Conversion to Tons

	<u>Adv. Rate</u>	<u>CCF Vol</u>	<u>Tons</u>	<u>Advertised Rate per Ton</u>
Sawtimber	\$3.30	60	187	NOT USED
Non_Saw	\$0.00	0	0	NOT USED
Base Rate (Sawtimber)	\$3.30	60	187	NOT USED

Total Advertised Value \$198.00

If FACTS information is available then use FACTS COSTS here and on BD and REGEN Base Rate pages.

BRUSH DISPOSAL

Purchaser

Inflation c

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	# Units	Co
1140	Fireline Const	AF_Hand Type I	Mile	\$8,800		
		AF_Hand Type II	Mile	\$6,600		
		AF_Hand Type III	Mile	\$3,000		
		AF_Exc Type I	Mile	\$4,700		
		AF_Exc Type II	Mile	\$2,400		
		AF_Exc Type III	Mile	\$800		
1153	Piling Fuels	AF_HP Type I	Acre	\$825		
		AF_HP Type II	Acre	\$670		
		AF_HP Type III	Acre	\$360		
		AF_Exc Type I	Acre	\$300		
		AF_Exc Type II	Acre	\$200		
		AF_Exc Type III	Acre	\$165		
		AF_Landing Clean Up	Each	\$60		
		AF_System Road Clean Up ROW	Mile	\$125		
1154	Chipping of Fuels	Activity Fuels	Acre	\$350		
		AF_Landing Cleanup	Each	\$0		
1150	Rearrangement of Fuels	AF_Type I	Acre	\$240		
		AF_Type II	Acre	\$160		
		AF_Type III (Skyline)	Acre	\$80		
		AF_Type III (tractor)	Acre	\$40		
		AF_Fell Damaged Residual	Acre	\$25		
		AF_Lop/Scatter	Acre	\$75		
1180	Fuel Break	AF_Hand Type I	Mile	\$6,543		
		AF_Hand Type II	Mile	\$4,950		
		AF_Hand Type III	Mile	\$2,180		
		AF_Exc Type I	Mile	\$2,311		
		AF_Exc Type II	Mile	\$1,177		

BRUSH DISPOSAL

Forest Service

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	% BD	# Units	Comments
1100	Fuel Inventory	N/A	Acre	\$9			

1111	Fuels Burn BB	AF_Type I	Acre	\$400			
	Fuels Burn BB	AF_Type II	Acre	\$300			
	Fuels Burn BB	AF_Type III - N/A	Acre	\$0			
1112	Jackpot Burning	AF_Type I	Acre	\$160			
	Jackpot Burning	AF_Type II	Acre	\$80			
1113	Fuels UB	AF_SUB Type I	Acre	\$500			
	Fuels UB	AF_SUB Type II	Acre	\$350			
	Fuels UB	AF_SUB Type III -N/A	Acre	\$0			
	Fuels UB	AF_SUB Type IV-N/A	Acre	\$0			
1130	Burn Fuel Piles	AF_HP Type I	Acre	\$200			
	Burn Fuel Piles	AF_HP Type II	Acre	\$100			
	Burn Fuel Piles	AF_Exc Type I	Acre	\$100			
	Burn Fuel Piles	AF_Exc Type II	Acre	\$50			
	Burn Fuel Piles	AF_Exc Type III-N/A	Acre	\$0			
	Burn Fuel Piles	AF_Landings	Each	\$90			
5010	Air Quality Monit	Libby district	Acre	\$3			
		Rest of Forest	Acre	\$2			

REQUIRED KV FOR REGENERATION F

KV SITE PREP

FACTS ID	Description	Local Qualifier	UOM	Cost/Unit	% KV	# Units	Comments
4471/4491	Burn Site Prep	BB_Type I	Acre	\$400			
	Burn Site Prep	BB_Type II	Acre	\$300			
	Burn Site Prep	BB_Type III-N/A	Acre	\$0			
4471/4491	Burn Site Prep	JP_Type I	Acre	\$160			
	Burn Site Prep	JP_Type II	Acre	\$80			
4471/4491	Burn Site Prep	SUB_Type I	Acre	\$500			
	Burn Site Prep	SUB_Type II	Acre	\$350			
	Burn Site Prep	SUB_Type III-N/A	Acre	\$0			
	Burn Site Prep	SUB_Type IV-N/A	Acre	\$0			

1130	Burn Fuel Piles	NF_HP Type I	Acre	\$200			
	Burn Fuel Piles	NF_HP Type II	Acre	\$100			
	Burn Fuel Piles	NF_Exc Type I	Acre	\$100			
	Burn Fuel Piles	NF_Exc Type II	Acre	\$50			
	Burn Fuel Piles	NF_Exc Type III-N/A	Acre	\$0			

Regeneration

Activity	UOM	Cost/Unit	# Units	Co
Planting	Acre			
Regen Exams	Acre			
Animal Damage Control	Acre			
Chemical Site	Acre			

Total Required Regen Cost

calculation

2

Comments	Inflation	Total Activity \$
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Subtotal - Purchaser	\$0.00	>>>>
\$/CCF	\$0.00	

Composite Rate = 1.8136

	Inflation	Composite %	Tot. Activity \$
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Subtotal -- FS (Deposits)	\$0.00	>>>
 \$/CCF	\$0.00	

Total BD Allowance	\$0.00
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Total Appraisal Allowance (\$/CCF)	\$0.00
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HARVEST

Composite Rate =

1.5452

	Inflation	Composite %	Tot. Activity \$
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Total Site Prep	\$0.00
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Comments	Inflation	Composite %	Tot. Activity \$

Total Regeneration	\$0.00
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\$0.00	>>>
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