USDA - FOREST SERVICE
Stewardship: N

REPORT OF TIMBER SALE
APPRAISAL SUMMARY CCF

R6-FS-2400-17 (04/10)
Version 1621 (TEA 05-16)

Region:	06	Sale Name:	Soda CS	Appraisal Date:	06/30/16
Forest:	18 Willamette	Sale Number:	20165	Base Period Ending:	03/31/16
District:	03 Sweet Home	Appraise to:	Springfield	Competition Factor:	10%
Salvage:	N	Appraiser:	Joan Schmidgall	Essential KV Cost:	18,614

SELLING PRICES	1	2	3	4	5	6	7	Average	Total
1. Species	D-fir								
2. Species Code	205								
3. Product/Unit	01-03								
4. Volume	6,227								6,227
5. Base Period Price	12.08*							12.08	
6. Base Period Index	190.53							190.53	
7. Current Index	192.70							192.70	
8. Rapid Market Adj	5.20							5.20	
9. Market Adj BP Price	19.45							19.45	
10. Unusual Adjustment	-3.00							-3.00	
11. GBCv-Nonsaw Adj									
12. Product Quality Adj	9.33							9.33	
13. Adj Base Period Price	25.78							25.78	160,532.06

COSTS	Zone Avg Cost/UM	Est Sale Cost/UM	Adj to BP Cost	ROADS	Km	Miles	Cost
14. Stump to Truck	98.71	80.05	18.66	Specified Road Con			
15. Haul/Scale	36.86	51.93	-15.07	Specified Road Rec	14.65	9.10	169,216
16. Road Maintenance	12.31	9.94	2.37	Temporary Road Con	.51	.32	5,458
17. Contract	15.20	15.72	-.52	Haul Miles		72	
18. Development & Other	4.30	.88	3.42				
19. Road Const & Recon		27.17	-27.17		Br Disp/UM	Rd Mtc/UM	C(T)5.213#
20. Total (lines 14-19)	167.38	185.69	-18.31	DEPOSITS:	9.93	5.90	16,520.00

ADVERTISED RATES	1	2	3	4	5	6	7	Average	Total
21. Predicted Bid Rate	7.47							7.47	46,515.69
22. Competition Adjustment	.75							.75	4,670.25
23. Property Value									
24. Indicated Adv Rate	6.72							6.72	41,845.44
25. Base Rate	3.24							3.24	20,175.48
26. Adjustment									
27. Advertised Rate	6.72							6.72	41,845.44

CCF to MBF Rate Factors:	1.9393	1.9393	
CCF to MBF Volume Factors:	.5157	.5157	
MBF to CCF Index Factors:	.52		
CCF Base Index for A(T)5a:			
CCF Wtd Avg Del Log Price:	312.69		
MBF Volume:	3,211		3,211
Total Tons Removed:	19,807		19,807

Net CCF to Tons Conversion Factor for C8.3#(Option 1) or K-I.3.1#: 3.1808 DEPOSITS/Ton BD: 3.12 RM: 1.85

USDA Forest Service R6-2420-125 (8/70)

TIMBER SALE EROSION CONTROL PLAN AND APPRAISAL

Willamette	Sweet Home	Soda CS
(Forest)	(Ranger District)	(Sale Name)

	6,227	C Cubic feet to be cut	71	ac skyline	49	Landings
(3)	3,211	M board feet to be cut	0	ac heli	0	Heli Landings
(4)	0.00	miles permanent road	90	ac tractor	0.32	miles temp

(5) Work will be done by purchaser.

		Job	Acres	Number	Wages	COST Material	COST Total
(6)		**PERMANENT ROAD STABILIZATION**					
	a.	Seed, mulch, fertilize	0.00		$178.00	$870.00	$0.00
(7)	25' width	**TEMP. ROADS (put to bed)**					
	a.	Remove culverts & bridges					
	b.	Outsloping					
	c.	Waterbarring		17	$20.00		$340.00
	d.	Scarifying	0.97		$166.00		$161.02
	e.	Barriers					
	f.	Seed	0.97		$89.00	$435.00	$508.28
(8)		**SKIDDING & TRAILS (3%)**					
	a.	Remove culverts & bridges					
	b.	Waterbars & Cross drains					
	c.	Brush dams					
	d.	Seed	2.70		$89.00	$435.00	$1,414.80
(9)		**FIRELINE STABILIZATION**					
	a.	Waterbars & Cross drains					
	b.	Seed, mulch, fertilize					
(10)	40 x 40	**LANDINGS**					
	a.	Drainage Ditches					
	b.	Scarifying	1.80		$166.00		$298.80
	c.	Seed	1.80		$89.00	$435.00	$943.20
(11)		**DISTURBED MEADOWS**					
	a.	Land treatment					
	b.	Seed, mulch, fertilize					
(12)		**CHANNEL CLEARING**		(Miles)			
	a.	By hand					
	b.	By machine					
(13)		**MAINTAIN EROSION STRUCTURES**		(Number)			
(14)		**OTHER (Seed Collection)**					
	a.	$.02 per ton					$434.46
(15)		Total Cost					$4,100.56
(16)		**TOTAL + OH & Dep ***					$4,100.56
(17)		Cost per CCF					$0.66
		***Above costs includes overhead and depreciation**					

TIMBER SALE EROSION CONTROL PLAN AND APPRAISAL

INSTRUCTIONS

(1) To be prepared as part of the appraisal of every timber sale on which requirement for erosion control measures is needed, (FSM 2456.6). Guidelines for planning the work are found in FSH 2482.2. Prepare one plan for work which you would not do cooperatively and one for work which you would do. All erosion control work should be shown on a plan, but cost estimates should be omitted (or shown in parentheses and not included in the totals) where the costs are included in other items such as skidding, road construction, road maintenance, or are included in other plans such as the BD Plan or the KV SAB Plan.

(3) Show total volume to be cut. Sum of acres to be logged should be equal to the total of area to be logged, exclusive of road right-of-way.

(5) Cross out words in parentheses if you will not assume work.

(6)-(11) Seed, mulch, fertilize - Cross out work not planned. For example, if only seeding is to be done, cross out "mulch, fertilize." Cross ditching, waterbars, etc. - Normally hand work will be undertaken cooperatively and machine work will not. If both kinds of work are estimated on one form, show separate cost estimates for each on an attached sheet.

(13) Cost estimate for maintenance of erosion control structures such as waterbars, diversion ditches, etc. during the life of the sale.

(14) Include a summary of work necessary because of disturbance from Forest Service BD and SAB activities. Do not enter cost in Totals for these activities.

(15) Do not include overhead on work which will not be undertaken cooperatively.

(16) Line (14) divided by total volume. If two estimates are made use total in appraisal.

(17) Line (15) divided by total volume. Does not apply to work not to be handled cooperatively.

Prepared:	Joann Schmidgall (name)	6/5/16 date
Approved:	(name)	6/5/16 date
Approved:	(name)	6/14/16 date