

USDA - FOREST SERVICE
Stewardship: N

REPORT OF TIMBER SALE
APPRAISAL SUMMARY CCF

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

Region: 06
Forest: 06 Mt Hood
District: 05 Clackamas River
Salvage: N

Sale Name: Slow Dxp
Sale Number: 51604
Appraise to: Odell, OR
Appraiser: A. Tierney

Appraisal Date: 06/07/16
Base Period Ending: 03/31/16
Competition Factor: 40%
Essential KV Cost: 0

SELLING PRICES	1	2	3	4	5	6	7	Average	Total
1. Species	GBCvNS								
2. Species Code	2								
3. Product/Unit	20-03								
4. Volume	35,640								35,640
5. Base Period Price	52.64*							52.64	
6. Base Period Index	78.00							78.00	
7. Current Index	78.00							78.00	
8. Rapid Market Adj									
9. Market Adj BP Price	52.64							52.64	
10. Unusual Adjustment									
11. GBCv-Nonsaw Adj	-184.26							-184.26	
12. Product Quality Adj									
13. Adj Base Period Price	-131.62							-131.62	-4,690,936.80

COSTS	Zone Avg Cost/UM	Est Sale Cost/UM	Adj to BP Cost	ROADS	Km	Miles	Cost
14. Stump to Truck	122.35	72.89	49.46	Specified Road Con			
15. Haul/Scale	33.99	55.39	-21.40	Specified Road Rec	28.72	17.84	145,743
16. Road Maintenance	14.16	5.81	8.35	Temporary Road Con	11.91	7.40	88,866
17. Contract	5.59	.45	5.14	Haul Miles		69	
18. Development & Other	5.19	2.49	2.70				
19. Road Const & Recon		4.09	-4.09				
20. Total (lines 14-19)	181.28	141.12	40.16	DEPOSITS:	Br Disp/UM .34	Rd Mtc/UM 3.56	C(T)5.213#

ADVERTISED RATES	1	2	3	4	5	6	7	Average	Total
21. Predicted Bid Rate	-91.46							-91.46	-3,259,634.40
22. Competition Adjustment	-36.58							-36.58	-1,303,711.20
23. Property Value									
24. Indicated Adv Rate	-54.88							-54.88	-1,955,923.20
25. Base Rate	.25							.25	8,910.00
26. Adjustment	55.13							55.13	1,964,833.20
27. Advertised Rate	.25							.25	8,910.00

CCF to MBF Rate Factors: 1.9445
 CCF to MBF Volume Factors: .5143
 MBF to CCF Index Factors: .52
 CCF Base Index for A(T)5a:
 CCF Wtd Avg Del Log Price:
 MBF Volume: 18,329
 Total Tons Removed: 61,502

Net CCF to Tons Conversion Factor for C8.3#(Option 1) or K-I.3.1#: 1.7256 DEPOSITS/Ton BD: .20 RM: 2.06

VOLUME SUMMARY SHEET

Date: **03/31/16**

Sale: **SLOW DxP**

Volume type: **TON**

Cutting Unit #	Unit Acres	Species or Species Groups						Total Saw Volume	Total Nonsaw Volume	Total Unit Volume TON
		Lodgepole pine		W. hemlock		grand fir				
		saw	n-saw	saw	n-saw	saw	n-saw			
1	63	0	2,832	0	146	0	23	0	3,001	3,001
2	21	0	943	0	49	0	8	0	1,000	1,000
4	60	0	2,697	0	139	0	22	0	2,858	2,858
6	205	0	9,217	0	475	0	74	0	9,766	9,766
8	117	0	5,261	0	271	0	42	0	5,574	5,574
10	86	0	3,867	0	199	0	31	0	4,097	4,097
11	10	0	449	0	23	0	4	0	476	476
12	48	0	2,159	0	111	0	17	0	2,287	2,287
13	16	0	719	0	37	0	6	0	762	762
14	9	0	405	0	21	0	3	0	429	429
16	80	0	3,597	0	185	0	29	0	3,811	3,811
18	209	0	9,398	0	484	0	75	0	9,957	9,957
20	80	0	3,597	0	185	0	29	0	3,811	3,811
22	45	0	2,024	0	104	0	16	0	2,144	2,144
24	162	0	7,285	0	375	0	58	0	7,718	7,718
26	30	0	1,348	0	70	0	11	0	1,429	1,429
28	30	0	1,348	0	70	0	11	0	1,429	1,429
29	6	0	270	0	14	0	2	0	286	286
30	4	0	181	0	9	0	1	0	191	191
31	7	0	314	0	16	0	3	0	333	333
32	3	0	135	0	7	0	1	0	143	143
Total	1,291	0	58,046	0	2,990	0	466	0	61,502	61,502

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #1	ROAD ACCESSES UNIT(S):		Existing from RD 4230 Unit1&2	
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:		<u>2549</u>	(Feet)
EXCAVATION	\$ <u>2,000.00</u>	Per Mile x <u>0.48</u> Miles =	\$ <u>960.00</u>	
CLEARING	\$ <u>1,800.00</u>	Per Mile x <u>0.48</u> Miles =	\$ <u>864.00</u>	
SPOT ROCK	\$ <u>40.00</u>	Per Yard x <u>0</u> Yards =	\$ <u>-</u>	
HAUL		Per CuYd x _____ Haul Miles x _____ \$ per Mile =	\$ <u>-</u>	
PLACE AND PROCESS		Per Mile x _____ Miles =	\$ <u>-</u>	
PILING		Per Mile x _____ Miles =	\$ <u>-</u>	
OTHER	Mobilization		\$ <u>100.00</u>	
SUBTOTAL			\$ <u>1,924.00</u>	
OH & DEP	<u>0.13</u>	(Factor) x \$ <u>1,924.00</u> Subtotal =	\$ <u>250.12</u>	
TEMP ROAD CLOSURES	<u>1</u>	X \$ <u>300</u> each =	\$ <u>300.00</u>	
OTHER			\$ <u>-</u>	
REHABILITATION (Scarification)	\$ <u>123.00</u>	Per Hour x <u>300</u> Feet per Hour=	\$ <u>1,045.09</u>	
Overhead and depreciation are included in the costs per mile.			TOTAL COST : \$ <u>3,519.21</u>	

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #2	ROAD ACCESSES UNIT(S):		New Unit 1	
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:		<u>2844</u>	(Feet)
EXCAVATION	\$ <u>3,400.00</u>	Per Mile x <u>0.54</u> Miles =	\$ <u>1,836.00</u>	
CLEARING	\$ <u>2,500.00</u>	Per Mile x <u>0.54</u> Miles =	\$ <u>1,350.00</u>	
SPOT ROCK	\$ <u>40.00</u>	Per Yard x <u>0</u> Yards =	\$ <u>-</u>	
HAUL		Per CuYd x _____ Haul Miles x _____ \$ per Mile =	\$ <u>-</u>	
PLACE AND PROCESS		Per Mile x _____ Miles =	\$ <u>-</u>	
PILING		Per Mile x _____ Miles =	\$ <u>-</u>	
OTHER	Mobilization- included Rd#1		\$ <u>-</u>	
SUBTOTAL			\$ <u>3,186.00</u>	
OH & DEP	<u>0.30</u>	(Factor) x \$ <u>3,186.00</u> Subtotal =	\$ <u>955.80</u>	
TEMP ROAD CLOSURES	<u>0</u>	X \$ <u>300</u> each =	\$ <u>-</u>	
OTHER			\$ <u>-</u>	
REHABILITATION (Scarification)	\$ <u>123.00</u>	Per Hour x <u>300</u> Feet per Hour=	\$ <u>1,166.04</u>	
Overhead and depreciation are included in the costs per mile.			TOTAL COST : \$ <u>5,307.84</u>	

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #3	ROAD ACCESSES UNIT(S):	New Unit 2
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:	723 (Feet)
EXCAVATION	\$ 3,400.00 Per Mile x 0.14 Miles =	\$ 476.00
CLEARING	\$ 2,500.00 Per Mile x 0.14 Miles =	\$ 350.00
SPOT ROCK	\$ 40.00 Per Yard x 0 Yards =	\$ -
HAUL	 Per CuYd x Haul Miles x \$ per Mile =	\$ -
PLACE AND PROCESS	 Per Mile x Miles =	\$ -
PILING	 Per Mile x Miles =	\$ -
OTHER	Mobilization included on Rd #1	\$ -
SUBTOTAL		\$ 826.00
OH & DEP	0.30 (Factor) x \$ 826.00 Subtotal =	\$ 247.80
TEMP ROAD CLOSURES	0 X \$ 300 each =	\$ -
OTHER		\$ -
REHABILITATION (Scarification)	\$123.00 Per Hour x 300 Feet per Hour=	\$296.43
Overhead and depreciation are included in the costs per mile.		TOTAL COST : \$ 1,370.23

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #4	ROAD ACCESSES UNIT(S):	Existing from 4230 Unit 4
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:	684 (Feet)
EXCAVATION	\$ 2,000.00 Per Mile x 0.13 Miles =	\$ 260.00
CLEARING	\$ 1,800.00 Per Mile x 0.13 Miles =	\$ 234.00
SPOT ROCK	\$ 40.00 Per Yard x 0 Yards =	\$ -
HAUL	 Per CuYd x Haul Miles x \$ per Mile =	\$ -
PLACE AND PROCESS	 Per Mile x Miles =	\$ -
PILING	 Per Mile x Miles =	\$ -
OTHER	Mobilization	\$ 100.00
SUBTOTAL		\$ 594.00
OH & DEP	0.30 (Factor) x \$ 594.00 Subtotal =	\$ 178.20
TEMP ROAD CLOSURES	1 X \$ 300 each =	\$ 300.00
OTHER		\$ -
REHABILITATION (Scarification)	\$123.00 Per Hour x 300 Feet per Hour=	\$280.44
Overhead and depreciation are included in the costs per mile.		TOTAL COST : \$ 1,352.64

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #5	ROAD ACCESSES UNIT(S):		New Unit 4
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:		<u>2643</u> (Feet)
EXCAVATION	\$ <u>3,400.00</u> Per Mile x <u>0.50</u> Miles =		\$ <u>1,700.00</u>
CLEARING	\$ <u>2,500.00</u> Per Mile x <u>0.50</u> Miles =		\$ <u>1,250.00</u>
SPOT ROCK	\$ <u>40.00</u> Per Yard x <u>0</u> Yards =		\$ -
HAUL	Per CuYd x Haul Miles x \$ per Mile =		\$ -
PLACE AND PROCESS	Per Mile x Miles =		\$ -
PILING	Per Mile x Miles =		\$ -
OTHER	Mobilization included with Rd #4		
SUBTOTAL			\$ 2,950.00
OH & DEP	<u>0.30</u> (Factor) x \$ <u>2,950.00</u> Subtotal =		\$ <u>885.00</u>
TEMP ROAD CLOSURES	<u>0</u> X \$ <u>300</u> each =		\$ -
OTHER			
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=		\$ <u>1,083.63</u>
Overhead and depreciation are included in the costs per mile.			TOTAL COST : <u>\$ 4,918.63</u>

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #6	ROAD ACCESSES UNIT(S):		Existing Unit 6
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:		<u>4480</u> (Feet)
EXCAVATION	\$ <u>2,000.00</u> Per Mile x <u>0.85</u> Miles =		\$ <u>1,700.00</u>
CLEARING	\$ <u>1,800.00</u> Per Mile x <u>0.85</u> Miles =		\$ <u>1,530.00</u>
SPOT ROCK	\$ <u>40.00</u> Per Yard x <u>0</u> Yards =		\$ -
HAUL	Per CuYd x Haul Miles x \$ per Mile =		\$ -
PLACE AND PROCESS	Per Mile x Miles =		\$ -
PILING	Per Mile x Miles =		\$ -
OTHER	Mobilization		\$ <u>100.00</u>
SUBTOTAL			\$ 3,330.00
OH & DEP	<u>0.30</u> (Factor) x \$ <u>3,330.00</u> Subtotal =		\$ <u>999.00</u>
TEMP ROAD CLOSURES	<u>1</u> X \$ <u>300</u> each =		\$ <u>300.00</u>
OTHER			\$ -
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=		\$ <u>1,836.80</u>
Overhead and depreciation are included in the costs per mile.			TOTAL COST : <u>\$ 6,465.80</u>

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #7	ROAD ACCESSES UNIT(S):		3 New temp spurs Unit 6
	LENGTH OF TEMPORARY ROAD CONSTRUCTION: <u>2563</u> (Feet)		
EXCAVATION	\$ <u>3,400.00</u>	Per Mile x <u>0.49</u> Miles =	\$ <u>1,666.00</u>
CLEARING	\$ <u>2,500.00</u>	Per Mile x <u>0.49</u> Miles =	\$ <u>1,225.00</u>
SPOT ROCK	\$ <u>40.00</u>	Per Yard x <u>0</u> Yards =	\$ <u>-</u>
HAUL		Per CuYd x _____ Haul Miles x _____ \$ per Mile =	\$ <u>-</u>
PLACE AND PROCESS		Per Mile x _____ Miles =	\$ <u>-</u>
PILING		Per Mile x _____ Miles =	\$ <u>-</u>
OTHER	<u>Mobilization with Road #8</u>		
SUBTOTAL	\$ <u>2,891.00</u>		
OH & DEP	<u>0.30</u> (Factor) x \$ <u>2,891.00</u>	Subtotal =	\$ <u>867.30</u>
TEMP ROAD CLOSURES	<u>0</u> X \$ <u>300</u>	each =	\$ <u>-</u>
OTHER	\$ <u>-</u>		
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=		\$ <u>1,050.83</u>
Overhead and depreciation are included in the costs per mile.			TOTAL COST : <u>\$ 4,809.13</u>

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #8	ROAD ACCESSES UNIT(S):		Existing from Rd 4220130 Unit 18
	LENGTH OF TEMPORARY ROAD CONSTRUCTION: <u>6101</u> (Feet)		
EXCAVATION	\$ <u>2,000.00</u>	Per Mile x <u>1.16</u> Miles =	\$ <u>2,320.00</u>
CLEARING	\$ <u>1,800.00</u>	Per Mile x <u>1.16</u> Miles =	\$ <u>2,088.00</u>
SPOT ROCK	\$ <u>40.00</u>	Per Yard x <u>0</u> Yards =	\$ <u>-</u>
HAUL		Per CuYd x _____ Haul Miles x _____ \$ per Mile =	\$ <u>-</u>
PLACE AND PROCESS		Per Mile x _____ Miles =	\$ <u>-</u>
PILING		Per Mile x _____ Miles =	\$ <u>-</u>
OTHER	<u>Mobilization</u> \$ <u>100.00</u>		
SUBTOTAL	\$ <u>4,508.00</u>		
OH & DEP	<u>0.30</u> (Factor) x \$ <u>4,508.00</u>	Subtotal =	\$ <u>1,352.40</u>
TEMP ROAD CLOSURES	<u>1</u> X \$ <u>300</u>	each =	\$ <u>300.00</u> RD#7
OTHER	<u>Temporary Bridge over Slow Creek (Installation, Maint., and Removal)</u> \$ <u>22,000.00</u>		
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=		\$ <u>2,501.41</u>
Overhead and depreciation are included in the costs per mile.			TOTAL COST : <u>\$30,661.81</u>

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #9	ROAD ACCESSES UNIT(S): <u>Existing from Rd 4220130 Unit 26,28,24</u>	
	LENGTH OF TEMPORARY ROAD CONSTRUCTION: <u>3435</u> (Feet)	
EXCAVATION	\$ <u>2,000.00</u> Per Mile x <u>0.65</u> Miles =	\$ <u>1,300.00</u>
CLEARING	\$ <u>1,800.00</u> Per Mile x <u>0.65</u> Miles =	\$ <u>1,170.00</u>
SPOT ROCK	\$ <u>40.00</u> Per Yard x <u>0</u> Yards =	\$ -
HAUL	Per CuYd x Haul Miles x \$ per Mile =	\$ -
PLACE AND PROCESS	Per Mile x Miles =	\$ -
PILING	Per Mile x Miles =	\$ -
OTHER	Mobilization	\$ <u>100.00</u>
SUBTOTAL		\$ <u>2,570.00</u>
OH & DEP	<u>0.30</u> (Factor) x \$ <u>2,570.00</u> Subtotal =	\$ <u>771.00</u>
TEMP ROAD CLOSURES	<u>1</u> X \$ <u>300</u> each =	\$ <u>300.00</u> RD#7
OTHER		\$ -
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=	\$ <u>1,408.35</u>
Overhead and depreciation are included in the costs per mile.		TOTAL COST : \$ <u>5,049.35</u>

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Total miles 7.40 Kilometers: 11.84
 Sale vol. (CCF) 35,568 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #10	ROAD ACCESSES UNIT(S): <u>New Unit 28</u>	
	LENGTH OF TEMPORARY ROAD CONSTRUCTION: <u>2907</u> (Feet)	
EXCAVATION	\$ <u>3,400.00</u> Per Mile x <u>0.55</u> Miles =	\$ <u>1,870.00</u>
CLEARING	\$ <u>2,500.00</u> Per Mile x <u>0.55</u> Miles =	\$ <u>1,375.00</u>
SPOT ROCK	\$ <u>40.00</u> Per Yard x <u>0</u> Yards =	\$ -
HAUL	Per CuYd x Haul Miles x \$ per Mile =	\$ -
PLACE AND PROCESS	Per Mile x Miles =	\$ -
PILING	Per Mile x Miles =	\$ -
OTHER	Mobilization with Rd #9	\$ -
SUBTOTAL		\$ <u>3,245.00</u>
OH & DEP	<u>0.30</u> (Factor) x \$ <u>3,245.00</u> Subtotal =	\$ <u>973.50</u>
TEMP ROAD CLOSURES	<u>0</u> X \$ <u>300</u> each =	\$ - RD#7
OTHER		\$ -
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=	\$ <u>1,191.87</u>
Overhead and depreciation are included in the costs per mile.		TOTAL COST : \$ <u>5,410.37</u>

TEMPORARY ROAD COST WORKSHEET

Sale Name : Slow

Sale vol. (CCF) 35,568 Total miles 7.40 Kilometers: 11.84
 Total cost all roads \$ 88,866.08 Cost per CCF \$ 2.50

Road #11	ROAD ACCESSES UNIT(S):	New Unit 24
	LENGTH OF TEMPORARY ROAD CONSTRUCTION:	<u>3970</u> (Feet)
EXCAVATION	\$ <u>3,400.00</u> Per Mile x <u>0.75</u> Miles =	\$ <u>2,550.00</u>
CLEARING	\$ <u>2,500.00</u> Per Mile x <u>0.75</u> Miles =	\$ <u>1,875.00</u>
SPOT ROCK	\$ <u>40.00</u> Per Yard x <u>0</u> Yards =	\$ <u>-</u>
HAUL	Per CuYd x Haul Miles x \$ per Mile =	\$ <u>-</u>
PLACE AND PROCESS	Per Mile x Miles =	\$ <u>-</u>
PILING	Per Mile x Miles =	\$ <u>-</u>
OTHER	Mobilization with Rd #9	\$ <u>-</u>
SUBTOTAL		\$ <u>4,425.00</u>
OH & DEP	<u>0.30</u> (Factor) x \$ <u>4,425.00</u> Subtotal =	\$ <u>1,327.50</u>
TEMP ROAD CLOSURES	<u>0</u> X \$ <u>300</u> each =	\$ <u>-</u>
OTHER		\$ <u>-</u>
REHABILITATION (Scarification)	\$ <u>123.00</u> Per Hour x <u>300</u> Feet per Hour=	\$ <u>1,627.70</u>
Overhead and depreciation are included in the costs per mile.		TOTAL COST : <u>\$ 7,380.20</u>