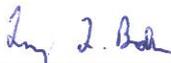


BRUSH DISPOSAL TREATMENT PLAN (Ref. FSH 2409.19)	1. Forest Willamette		2. District/Unit McKenzie River			
	3. Sale Name SNOW(29842)		4. Award Date			
5. Compartments or GIS Reference	6. Type of Plan <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final <input type="checkbox"/> Revision #	7. Purchaser		8. Contract Number		
9. List of Projects		10. Work Activity	11. Unit of Work	12. Cost Per Unit	13. No. of Units	14. Cost
Fuel Inventory		HF	Acres	\$55.96	23.0	\$1,287
Underburn - Low Intensity (Majority of Unit)		HF	Acres	\$952.53	23.0	\$21,908
Burning of Piled Material		HF	Acres	\$416.74	4.0	\$1,667
Cover brush pile for burning		CK	Acres	\$178.60	4.0	\$714
Fireline Construction		HF	Miles	\$5,280.00	0.0	\$0
Piling of Fuels, Hand or Machine		HF	Acres	\$450.00	0.0	\$0
15. Total Project Cost					\$25,576	
16. National Program Support					\$10,615	
17. Total Cost of Funded Work (Sum of line 15 and 16) (Required Bid Deposit Amount)					\$36,191	
18. Remarks: Combined Total Cost of BD Funded Work: \$36,191 Forest Collection Rate : 10.00% National Collection Rate for Program Support: 41.5% Inflation Rate: 2% Rate Remarks: Forest Rate PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.						
19. Signature(Prepared by) /s/Dirk Rogers 		Title AFMO		Date 5/11/2016		
20. Signature(Recommended by) /s/Randy Harbick 		Title FMO		Date 5/11/2016		
21. Signature (Approved by) /s/Terry Baker 		Title District Ranger		Date 05/11/16		

Snow Timber Sale
Brush Disposal Treatment Plan Narrative

All work identified in this Brush Disposal Treatment Plan is included in the NEPA documentation for the Goose EIS which is on file at the McKenzie River Ranger District office. The BD plan incorporates the following national collection rate for program support of 41.5%; and Forest collection rate for program support of 10%.

Also included in the costs is an estimate of the inflation percentage for the period between the time this plan was prepared and the time when the work will be accomplished. Annual inflation rate was calculated in the base cost figure for each project at 2%/yr.

BD Treatments:

- Fuels Inventory

Conduct post-harvest fuels inventories on all units. Also prepare the Burn Plans for prescribed burning in all units in accordance with the silvicultural prescription of the BD Plan. Fuels inventory also includes District Overhead collection of \$0.92/CCF based on individual unit harvest volumes.

$$((\$15.00/\text{ac}) + (\$32.00/\text{ac D.O.}) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.02 \text{ inf. } 2020) \times (1.1 \text{ S.O.}) \times (1.415 \text{ W.O.}) \times (23 \text{ ac}) = \$1,821$$

- Underburn

Underburn specified subdivisions to reduce fuels hazard resulting from increases slash loads from harvest operations. Cost for underburning is \$800/ac with an expected accomplishment within 2 years of harvest completion.

Subdivisions 760 - 763

$$(\$800/\text{ac}) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.02 \text{ inf. } 2020) \times (1.1 \text{ S.O.}) \times (1.415 \text{ W.O.}) \times (23 \text{ ac}) = \$31,000$$

Total Underburning = \$31,000

- Landing Pile Covering

Cover landing piles of created slash to reduce fuels hazard resulting from increased slash loading caused by harvest operations.

$$(\$150.00/\text{ac}) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.02 \text{ inf. } 2020) \times (1.1 \text{ S.O.}) \times (1.415 \text{ W.O.}) \times (4 \text{ ac}) = \$1,011$$

- Landing Pile Burning

Burn landing piles of slash in specified areas to reduce fuels hazard resulting from increased slash loads from harvest operations.

$$(\$350.00/\text{ac}) \times (1.02 \text{ inf. } 2017) \times (1.02 \text{ inf. } 2018) \times (1.02 \text{ inf. } 2019) \times (1.02 \text{ inf. } 2020) \times (1.1 \text{ S.O.}) \times (1.415 \text{ W.O.}) \times (4 \text{ ac}) = \$2,359$$

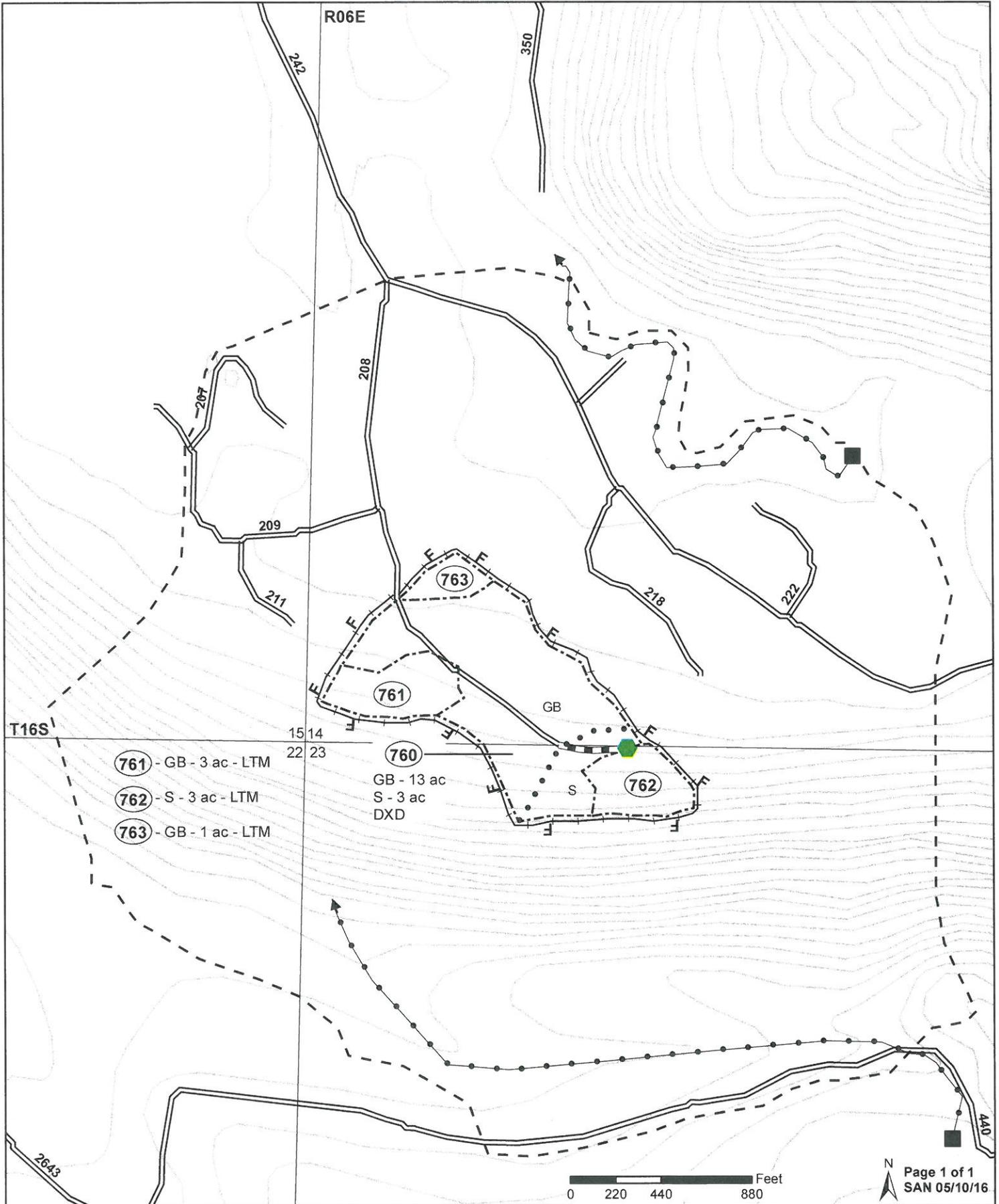
**Slash Treatment Requirements
Snow Timber Sale
Willamette National Forest
McKenzie River Ranger District**

- In accordance with Contract Provisions C6.74# (02/2000), Slash Treatment Requirements and Detailed Slash Disposal Plan
- Not with standing Contract Provision C6.74# (02/2000)

Purchaser responsibilities are as follows:

- A) **Construction and size of landing piles:** The Purchaser shall pile substantially all created slash at least 1 inch in diameter on the small end and at least 3 feet in length. Piles shall be as compact as possible and free of soil and rocks. Excessive bark that has fallen off of logs generated from logging activities on the landing shall be dispersed on the landing, not piled. Piles will be constructed with a "lift and pile" mechanism rather than a "push and pile" mechanism. Landing piles shall be a minimum of 8 feet in height and diameter at base shall not exceed height. Height of piles should not exceed 12 feet. The area around each pile shall be cleared of all created slash and bark to a minimum of 6 feet. All pieces extruding from piles shall be bucked off to facilitate covering after construction.
- B) **Location of all landing piles:** Slash piles will be located to minimize damage of standing green trees and snags during burning. Unless otherwise agreed, this will be construed to be at least 12 feet from standing green trees and snags. Piles should not be built on tree stumps or heat sinks. Piles should not be located in the bottom of draws, streams, or ditches and should not obstruct roadways. Piles should be spaced 30 feet apart unless otherwise agreed. Multiple piles may occur at site. Where multiple piles occur, spacing between piles shall not be less than average pile height. All piles shall be constructed within the subdivision.
- C) **Fire line construction:** Fire lines shall be cleared of all brush and debris for a minimum width of 10 feet with the edge of the clearing inside the subdivision boundary. Debris created from the clearing shall be scattered inside the subdivision to reduce the creation of a windrow of slash along the fire line. A continuous fire line, minimum of 18 inches wide, shall be dug to mineral soil within the outer portion of the clearing.
1. Subdivisions 760, 761, 762, and 763 shall have approximately 1.0 mile of fire line to construct. Fire line construction shall begin on the east side of road 208 and follow the eastern boundaries of subdivisions 763, 760, and 762. Continue west around the south boundary then along the southwestern and northwestern boundaries of subdivisions 762, 760, and 761 ending on the west side of road 208.
 2. Firelines for under-burning would not be constructed within Riparian Reserves. Fire would only be allowed to back into the riparian reserve buffers.

**Snow Timber Sale
Fire Working Sale Area and Disposal Map
Willamette National Forest
McKenzie River Ranger District**



Detailed listing of Brush Disposal Activities (Working Copy)	(1) Proclaimed Forest Willamette	(2) District/Unit McKenzie River
(3) Sale Name SNOW(29842)	(4) Award Date	(5) Compartment Or GIS Reference
(6) Type of Plan <input checked="" type="checkbox"/> Original <input type="checkbox"/> Final <input type="checkbox"/> Revision #	(7) Purchaser	(8) Contract Number

(9) List of Activity Fuels Treatment Projects		Local Qualifier	(10) Work Activity	(11) Unit of Work	(12) Cost Per Unit	(13) Projects by Fund Code			(14) BD Funded Projects	
a) Subunit	b) Activity					a) Fund Code	b) No. of Units	c) Total Cost	a) No. of Units	b) Total Cost
0618010007002429000	Fuel Inventory	N/A	HF	Acres	\$55.96	BDBD	23.0	\$1,287	23.0	\$1,287
0618010007002429000	Underburn - Low Intensity (Majority of Unit)	N/A	HF	Acres	\$952.53	BDBD	23.0	\$21,908	23.0	\$21,908
0618010007002429000	Burning of Piled Material	N/A	HF	Acres	\$416.74	BDBD	4.0	\$1,667	4.0	\$1,667
0618010007002429000	Cover brush pile for burning	N/A	CK	Acres	\$178.60	BDBD	4.0	\$714	4.0	\$714
Subtotal for Fund Code BDBD								\$25,577		
0618010007002429001	Fireline Construction	N/A	HF	Miles	\$5,280.00	PPPP	1.0	\$5,280		
0618010007002429000	Piling of Fuels, Hand or Machine	N/A	HF	Acres	\$450.00	PPPP	4.0	\$1,800		
Subtotal for Fund Code PPPP								\$7,080		
15. Total BD work funded										\$25,577
16. National Program Support										\$10,614
17. Total Cost of Funded Work (Sum of line 15 and 16)(Required Bid Deposit Amount)										\$36,191

18. Remarks:	Combined Total Cost of BD Funded Work: \$36,191
	Forest Collection Rate: 10.00%
	National Collection Rate for Program Support: 41.5%
	Inflation Rate: 2%
	Rate Remarks:
	PPPP does not include the Forest Collection Rate or National Collection Rate for Program Support.