#### **Bonneville Power Administration**

#### memorandum

**DATE:** January 24, 2002

REPLY TO

ATTN OF: KEP-4

SUBJECT: Supplement Analysis for the Transmission System Vegetation Management Program FEIS

(DOE/EIS-0285/SA-38)

то: Benjamin J. Tilley – TFE/Alvey

**Proposed Action:** Vegetation Management along the Wendson – Tahkenith #1 & #2 1/1-20/4, Tahkenitch – Gardiner #1/1 - 2/3 and Tahkenitch - Reedsport #1/1-4/2 Transmission Line ROW's. The proposed work will be accomplished in the indicated sections of the transmission line corridor with and average corridor width of 100 feet.

**Location:** The ROW is located in Douglas and Lane County, OR, being in the Eugene Region.

**Proposed by:** Bonneville Power Administration (BPA).

<u>Description of the Proposed Action</u>: BPA proposes to clear unwanted vegetation in the rights-of-ways and around tower structures that may impede the operation and maintenance of the subject transmission lines and access roads, including Reclaim and Danger Trees. BPA plans to conduct vegetation control with the goal of removing tall growing vegetation that is currently or will soon be a hazard to the transmission line. BPA's overall goal is to have low-growing plant communities along the rights-of-way to control the development of potentially threatening vegetation. All work will be executed in accordance with the National Electrical Safety Code and BPA standards. A follow-up herbicide treatment will occur 6 - 12 months following the initial entry to eliminate resprouting noxious weeds and tall-growing species along access roads and tower sites.

<u>Analysis</u>: This project meets the standards and guidelines for the Transmission System Vegetation Management Program Final Environmental Impact Statement (FEIS) and Record of Decision (ROD).

The Planning steps are described in the attached checklist. See attached checklist and cut sheet.

- Vegetation herbicide treatments on sprouting-types of species ensure that the roots are killed.
   Prevention of resprouts encourages low-growing plant communities to establish themselves and flourish on the right-of-way.
- Confederated Tribes of Siletz Indians—Meeting w/ Robert Kentta, Cultural Resource Director.
   No areas of sensitive tribal resources identified.
- Water resources (streams, rivers, wetlands) will be protected with 35-100-foot buffers, (165 foot buffer for wells) together with the spot application of Garlon 4A (25%) WEB Oil (75%) outside the buffers.
- Threatened or endangered (T&E) animal species will be protected by avoiding all work in the recognized T&E habitat during core and late breeding seasons. Additionally T&E species will be protected by examining trees needing to be removed greater than 32in. DBH for evidence of

Marbled Murrelet or greater than 11in. DBH for evidence of Spotted Owls. If evidence is found the crew will stop work and begin formal consultation with the USFWS.

- Reseeding /replanting regimes have not been planned at this time. Low growing aggressive native vegetation within the right-of-way can naturally dominate with the elimination of tall growing vegetation.
- No herbicides will be used in the Siuslaw National Forest.
- No 'in stream' work is to take place without prior consultation with the appropriate government agencies and proper permits in place.
- Herbicides will be applied by licensed applicators following manufacturers' label instructions and BPA's management prescriptions.

This Supplement Analysis finds that 1) the proposed actions are substantially consistent with the Transmission System Vegetation Management Program FEIS (DOE/EIS-0285) and ROD, and; 2) there are no new circumstances or information relevant to environmental concerns and bearing on the proposed actions or their impacts. Therefore, no further NEPA documentation is required, unless Potential Spotted Owl or Marbled Murrelet habitat is removed.

John Howin Physical Sci	gton entist – KEPR-4			
CONCUR:	Thomas C. McKinney NEPA Compliance Officer	_	DATE: _	

Attachments

ADNO: 7492/7494 LINE NAME: Wendson-Tahkenitch #1 & #2 (ref #1)

NO:	7492/74	94		LINE	IAWE:	wenus	on- i a	nken	ilich #	1 & #2 (ret #1)	
				SELECT	LOW	ACCESS			-		
				CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	TOWER		
	LOCATION	WIDTH	LENGTH	ACRES	ACRES	ACRES	<b>ACRES</b>	LIMB	SITES	NOTES	
From:	1\1 - 100'	125	835		2.4						
To:	1\2	WT2									
From:	Wend. Sub	100	1990		4.6	0.6				Also low-cut Wendson Tie from SUB to 1\2	
To:	1\4 + 125'	WT1									
From:	2\1 - 250'	150'	375	1.3		0.4					
To:	2\1+ 125'										
	2\2 - 250'	237.5	375	2.0		0.5					
To:	2\2 + 125'										
	2\3 - 150'	237.5	525	2.8		0.3					
To:	2\3 + 375'										
From:	2\4 - 200'	237.5	1155	6.3		0.7				May need to cut more canyon treesadd on if necessary	
To:	2\5 + 700'										
From:	2\6 - 250'	237.5	425	2.3						May need to cut more canyon treesadd on if necessary	
To:	2\6 + 175'									Chip any debris visible from roadway	
From:	3\1 - 300'	237.5	350	1.9						NO HERBICIDES from 3\1 - 324' to 3\1 - 124'	
To:	3\1 + 50'									Chip any debris visible from roadway	
From:	3\2 - 100'	237.5	400	2.2						NO HERBICIDES from 3\2 + 96' to 196'	
To:	3\2 + 300'									Chip any debris visible from roadway	
From:	3\3 - 150'	237.5	1093	6.0							
To:	3\4 + 275'										
From:	3\4 + 275'	237.5	2505	13.6						Siuslaw National Forest: NO HERBICIDES	
To:	4\1 + 200'									May need to cut more canyon treesadd on if necessary	
From:	4\2 - 300'	237.5	600	3.3						Siuslaw National Forest: NO HERBICIDES	
To:	4\2 + 300'										
From:	4\3 - 300'	237.5	3360	18.3		1.1				Siuslaw National Forest: NO HERBICIDES	
	5\1 + 650'										
From:	5\1 + 650'	237.5	2358	12.9		0.4				Property Owner: Terry Libby (spoke w/in person 10\25\01)	
To:	<b>5</b> \5									Wants a long-term OW eradication program for SB.	
										Includes: WT#1 5\5 to 6\2 + 100' 541-997-5375	

ncludes: WT#1 5\5 to 6\2 + 100' 541-

WT#2 5\1 + 650' TO 6\2 + 875'

ADNO.	1432/14	LINL	IAIVIL.	Wends	1011-1 a	IIIKCI	iitCii #	α π2 (ιΕι π ι)		
				SELECT	LOW	ACCESS		•		
				CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	TOWER	
	LOCATION	WIDTH	LENGTH	ACRES	ACRES	ACRES	ACRES	LIMB	SITES	NOTES
From:	6\3 - 275'	100	1225	2.8						Chip any debris visible from roadway
To:	6\5 + 200'	WT1								
From:	6\6 - 200'	100	1425	3.3						
	6\8 + 150'	WT1								
From:	7\1 - 150	100	1999	4.6		1.3				NO HERBICIDES from 7\3 + 515' to 585'
	7\4	WT1								
From:	6\3 - 425'	125	775	2.2		1.2				
	6\3 + 350'	WT2								
	6\4 - 200'	125	1500	4.3						6\4 to 6\5 can be low-cut add on if necessary
	6\5 + 735'	WT2								
	7\1 - 200'	125	2032	5.8						
	7\3	WT2								
From:		237.5	2315	12.6		0.3				NO HERBICIDES from 7\4 + 405' to 475'
	7\6 + 200'									NO HERBICIDES from 7\4 + 1083' to 1313'
	8\1 - 300'	237.5	960	5.2						
	8\1 + 660'									
	8\2 - 250'	237.5	1990	10.8						NO HERBICIDES from 8\2 + 135' to 215'
	8\4 + 340'									
	8\5 - 460'	237.5	2735	14.9						NO HERBICIDES from 8\5 + 600' to 670'
	9\1 + 900'									
	9\2 - 200'	237.5	4610	25.1						NO HERBICIDES from 9\2 + 325' to 685'; 9\3 + 697' to 767
	10\3 + 100'									9\4 + 270' to 340' and 460' to 530'; 10\1 + 261' to 331'
	10\3 + 375'	237.5	275	1.5		0.6				NO HERBICIDES from 10\3 + 210' to 280'
	10\3 + 650'									
	10\4 - 150'	237.5	718	3.9						
	10\5 + 300'	007.5	4500							
	11\1 - 150'	237.5	1593	8.7						
	11\3 + 400'	227.5	000	2.0						
	11\4 - 200'	237.5	600	3.3						
10:	11\4 + 400'									

NO.	1432/14		MIVIE.	VVCIIGS	<u> </u>	111101	iitoii #	α π2 (161 π1)		
				SELECT		ACCESS		ı	I	1
		-		CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	TOWER	
	LOCATION	WIDTH	LENGTH	ACRES	<b>ACRES</b>	ACRES	<b>ACRES</b>	LIMB	SITES	NOTES
From:	11\5 - 450'	237.5	1175	6.4		1.0				
To:	11\6 + 500'									
From:	12\1 - 100'	237.5	475	2.6		1.8				
To:	12\1 + 375'									
From:	12\2 - 300'	237.5	1084	5.9						Siuslaw National ForestNO HERBICIDES
	12\3									LINES SPLIT
From:	12\3	100	3436	7.9		0.3				Siuslaw National ForestNO HERBICIDES
	13\1 + 800'	WT1								
	13\2 - 650'	100	650	1.5						Siuslaw National ForestNO HERBICIDES
	13\2	WT1								
	12\2 - 400'	125	3077	8.8		0.3				Siuslaw National ForestNO HERBICIDES
	13\1 + 1135									
	13\2 - 275'	125	275	0.8						Siuslaw National ForestNO HERBICIDES
	13\2	WT2								
From:		237.5	730	4.0		1.6				LINES COVERGE
	13\2 + 730'									
	13\3 - 300'	237.5	450	2.5		0.5	XXX			Chip brush visible from county road
	13\3 + 150'									
	13\4 - 400'	237.5	3175	17.3		2.1				NO HERBICIDES from 14\1+563' to 633'; 14\2+507' to 5
	14\3 + 600'									14\3 + 190' to 325' ; 14\3 + 615' to 685'
	14\4 - 700'	237.5	700	3.8						LINES SPLIT
	14\4									
From:		100	697	1.6		1.5				
	14\5 + 225'	WT1								
	14\6 - 500'	100	2370	5.4		0.3				NO HERBICIDES from 14\5 + 778' to 848'
	15\2	WT1								Chip any debris visible from roadway
From:		125	650	1.9						Chip any debris visible from roadway
To:	14\3 + 650'	WT2								

ADNO:	DNO: 7492/7494				LINE NAME:		011-1 a	IIKEII	iiiCii # i	0 #2 (lel #1)		
				SELECT	LOW	ACCESS						
				CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	TOWER			
	LOCATION	WIDTH	LENGTH	ACRES		ACRES	ACRES			NOTES		
From:	14\4 - 350'	125	780	2.2						Chip any debris visible from roadway		
To:	14\4 + 430'	WT2										
From:	14\4 + 715'	125	979	2.8						Chip any debris visible from roadway		
To:	15\1	WT2										
From:	15\2	237.5	2679	14.6		1.0				NO HERBICIDES from 15\2 + 173' to 243' and		
To:	15\6 + 300'									from 15\3 + 285' to 355'		
From:	15\7 - 350'	237.5	700	3.8								
To:	15\7 + 350'											
From:	16\1 - 225'	237.5	375		2.0	0.5				Very low clearancemostly scotchbroom		
	16\2 + 100'											
From:	16\2 + 100'	237.5	2040	11.1				yes		5 or so trees scattered throughout spanright side		
	16\3 + 750'									NO HERBICIDES from 16\2 + 625' to 695' and		
From:	16\4 - 175'	237.5	335	1.8						from 16\3 + 240' to 310'		
To:	16\4 + 160'											
From:	16\5 - 500'	237.5	725	4.0		1.0						
	16\5 + 225'											
	16\5 + 450'	237.5	250	1.4								
	16\5 + 700'											
	17\1 - 600'	237.5	850	4.6								
	17\1 + 260'											
	17\2 - 250'	237.5	880	4.8		0.7						
	17\3											
From:		280	400	2.6								
	17\3 + 400'											
	17\4 - 425'	280	1575	10.1		1.0				NO HERBICIDES from 17\4 - 172' to - 102'		
	17\5 + 300'											
	18\1 - 450'	280	752	4.8		2.0						
To:	18\2											

ADNO.	1 732/17	<del></del>		LINL I	/\IVIL.					I & #Z (ICI #I)
				SELECT		ACCESS			1	
				CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	<b>TOWER</b>	
	LOCATION	WIDTH	LENGTH	ACRES	ACRES	ACRES	ACRES	LIMB	SITES	NOTES
From:	18\2	237.5	350	1.9						
To:	18\2 + 350'									
From:	18\3 - 425'	237.5	625	3.4						NO HERBICIDES from 18\2 + 820' to 890' and
To:	18\3 + 200'									from 18\2 + 1100' to 1170'
	19\1 - 550'	237.5	2760	15.0						
	19\3 + 650'									
	19\4 - 150'	237.5	1460	8.0						
	19\5 + 400'									
	19\6 - 400'	237.5	1072	5.8						
	20\1 + 275'									
	20\1 + 930'		120	0.7						
	20\1 + 1050									
	20\2 - 200'	237.5	1245	6.8						
	20\3 + 150'									
	20\4 - 150'	237.5	150	0.8						LINES SPLIT
	20\4	400								NO HERBICIDES from 20\3 + 745' to 815'
From:		100	525	1.2						NO HERBICIDES from 20\4 + 295' to 365'
	20\4 + 525'	WT1	400	0.0						
	20\5 - 200'	100	400	0.9						
	20\5 + 200'	WT1	200	0.0						
	21\1 - 250' 21\2	100 <b>WT1</b>	389	0.9						
From:		125	175	0.5						
	20\3 + 175'	WT2	175	0.5						
	20\3 + 175	125	1791	5.1	???					May add-on as low cut if possible
	Tahk. Sub	WT2	1191	3.1	111					NO HERBICIDES from 20\(\frac{1}{2}\) + 727' to 797'
10.	Tank. Sub	W12								NO FIERDIGIDES HOTH 2013 + 121 to 191
TOTALS		<u> </u>	<u> </u>	372.0	9.0	23.0		<u> </u>	<u> </u>	1
·	J			01 Z.0	0.0	_0.0				

ADNO: 7485 LINE NAME: Tahkenitch-Reedsport #1

NDNO:	7485			LINEN	AIVIE:	ranke	mitch-	Ree	asport	. # 1	
				SELECT	LOW	ACCESS				_	
				CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	TOWER		
	LOCATION	WIDTH	LENGTH	ACRES	ACRES	ACRES	ACRES			DT's	NOTES
From:	Tahk. Sub										Listed on Tahkenitch-Gardiner sheet
To:	1\1 + 235'										
From:	1\4 - 300'	100	1325	3.0							NO HERBICIDES from 1\5 + 65' to 135'
	1\6 + 200'										NO HERBICIDES from 1\6 + 328' to 398'
From:	1\7 - 150'	100	300	0.7		0.2					
	1\7 + 150'										
	2\1 - 100'	100	1615	3.7		1.7					May need to add on canyon trees @ 2\3 AOL midspan
To:	2\3 + 200'										NO HERBICIDES from 2\1 + 40' to 110' and + 285' to 3
											NO HERBICIDES from 2\2 + 200' to 270'
	2\4 - 300'	100	1480	3.4							NO HERBICIDES from 2\5 + 307' to 377'
	2\6 + 300'										
From:		100	525		1.2						Use Garlon 3A for spot/stump treatment in this area
	3\1 + 525'										(Can spray upto edge)
	3\2 - 350'	100	550	1.3							
	3\2 + 200'										
	3\3 - 100'	100	200	0.5					3\4		Use Garlon 3A for spot/stump treatment on tower sit
	3\3 + 100'								4\22		(Can spray upto edge)
From:		100	335	0.8							Lots of scotchbroom and blackberries
To:	4\2										Adjacent to Hwy. 101
From:											
To:											
From:											
To:											
From:											
To:											
From: To:											
From:											
To:											
From:											
To:											
				40.0	4.0	4.0		<u> </u>	0		
<b>OTALS</b>				13.3	1.2	1.9			2		

ADNO: 7480 LINE NAME: Tahkenitch-Gardiner #1

NO.	7 700			LINEIN	AIVIL.	ranne	, i i i i i i i	1- <b>U</b> a	unici	πι
				SELECT		ACCESS			1	
				CUT <sup>1</sup>	CUT <sup>2</sup>	ROAD	CHIP	SIDE	TOWER	
	LOCATION	WIDTH	LENGTH	ACRES	ACRES	ACRES	ACRES	LIMB	SITES	NOTES
From:	Tahk. Sub	200	375	1.7						Remove all scotchbroom from around Substation
To:	1\1 + 235'									
	1\2 - 400'	200	600		2.8					Machine mow all areas possiblehand-cut draws where
To:	1\2 + 200'									machine cannot reach
From:	1\2 + 200'	100	3426		7.9	2.0				Machine mow all areas possiblehand-cut draws where
To:	1\7 + 450'									machine cannot reach
										NO HERBICIDES from 1\4 + 143' to 245'
										NO HERBICIDES from 1\5 + 125' to 195' and 680' to 7
	2\1 - 150'	100	500	1.1		1.0				
	2\1 + 350'									
	2\2 - 400'	100	400		0.9	5.5				Machine mow all areas possiblehand-cut draws where
	2\2									machine cannot reach
From:		100	300	0.7		0.5				Will need to cut 5-10 canyon trees in 2 spots midspan
	2\2 + 300									
	2\3 - 600'	100	800	1.8			yes			Chip any debris visible from Hwy. 101
	2\3 + 200'	1								
From:										
To:		1								
From:										
To:										
From:										
To:		1								
From:										
To:		1								
From:										
To:	-							<del>                                     </del>		
From: To:										
From: To:										
					4.4.6			1		
TALS				5.4	11.6	9.0				