

# 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)

TO: 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 an 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).

**Description of the Proposed Action:** 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.

**Analysis:** 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.

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John Howington  
Physical Scientist – KEPR-4

CONCUR: \_\_\_\_\_  
Thomas C. McKinney  
NEPA Compliance Officer

DATE: \_\_\_\_\_

Attachments

**Right-of-Way Maintenance Detail Sheets**  
**Eugene Region: North Bend District**

**ADNO: 7492/7494**

**LINE NAME: Wendson-Tahkenitch #1 & #2 (ref #1)**

	LOCATION	WIDTH	LENGTH	SELECT CUT <sup>1</sup> ACRES	LOW CUT <sup>2</sup> ACRES	ACCESS ROAD ACRES	CHIP ACRES	SIDE LIMB	TOWER SITES	NOTES
From:	1\1 - 100'	125	835		2.4					
To:	1\2	<b>WT2</b>								
From:	Wend. Sub	100	1990		4.6	0.6				Also low-cut Wendson Tie from SUB to 1\2
To:	1\4 + 125'	<b>WT1</b>								
From:	2\1 - 250'	150'	375	1.3		0.4				
To:	2\1+ 125'									
From:	2\2 - 250'	237.5	375	2.0		0.5				
To:	2\2 + 125'									
From:	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 trees--add on if necessary
To:	2\5 + 700'									
From:	2\6 - 250'	237.5	425	2.3						May need to cut more canyon trees--add on if necessary
To:	2\6 + 175'									Chip any debris visible from roadway
From:	3\1 - 300'	237.5	350	1.9						<b>NO HERBICIDES from 3\1 - 324' to 3\1 - 124'</b>
To:	3\1 + 50'									Chip any debris visible from roadway
From:	3\2 - 100'	237.5	400	2.2						<b>NO HERBICIDES from 3\2 + 96' to 196'</b>
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						<b>Siuslaw National Forest: NO HERBICIDES</b>
To:	4\1 + 200'									May need to cut more canyon trees--add on if necessary
From:	4\2 - 300'	237.5	600	3.3						<b>Siuslaw National Forest: NO HERBICIDES</b>
To:	4\2 + 300'									
From:	4\3 - 300'	237.5	3360	18.3		1.1				<b>Siuslaw National Forest: NO HERBICIDES</b>
To:	5\1 + 650'									
From:	5\1 + 650'	237.5	2358	12.9		0.4				Property Owner: <b>Terry Libby</b> (spoke w/in person 10\25\01)
To:	5\5									Wants a long-term OW eradication program for SB.
										Includes: WT#1 5\5 to 6\2 + 100' <b>541-997-5375</b>
										WT#2 5\1 + 650' TO 6\2 + 875'







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**Eugene Region: North Bend District**

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From:	18\2	237.5	350	1.9						
To:	18\2 + 350'									
From:	18\3 - 425'	237.5	625	3.4						<b>NO HERBICIDES from 18\2 + 820' to 890' and from 18\2 + 1100' to 1170'</b>
To:	18\3 + 200'									
From:	19\1 - 550'	237.5	2760	15.0						
To:	19\3 + 650'									
From:	19\4 - 150'	237.5	1460	8.0						
To:	19\5 + 400'									
From:	19\6 - 400'	237.5	1072	5.8						
To:	20\1 + 275'									
From:	20\1 + 930'	237.5	120	0.7						
To:	20\1 + 1050'									
From:	20\2 - 200'	237.5	1245	6.8						
To:	20\3 + 150'									
From:	20\4 - 150'	237.5	150	0.8						<b>LINES SPLIT</b>
To:	20\4									<b>NO HERBICIDES from 20\3 + 745' to 815'</b>
From:	20\4	100	525	1.2						<b>NO HERBICIDES from 20\4 + 295' to 365'</b>
To:	20\4 + 525'	<b>WT1</b>								
From:	20\5 - 200'	100	400	0.9						
To:	20\5 + 200'	<b>WT1</b>								
From:	21\1 - 250'	100	389	0.9						
To:	21\2	<b>WT1</b>								
From:	20\3	125	175	0.5						
To:	20\3 + 175'	<b>WT2</b>								
From:	20\4 - 275'	125	1791	5.1	???					May add-on as low cut if possible
To:	Tahk. Sub	<b>WT2</b>								<b>NO HERBICIDES from 20\5 + 727' to 797'</b>
<b>TOTALS</b>				<b>372.0</b>	<b>9.0</b>	<b>23.0</b>				

**Right-of-Way Maintenance Detail Sheets**  
**Eugene Region: North Bend District**

**ADNO: 7485**

**LINE NAME: Tahkenitch-Reedsport #1**

	LOCATION	WIDTH	LENGTH	SELECT CUT <sup>1</sup> ACRES	LOW CUT <sup>2</sup> ACRES	ACCESS ROAD ACRES	CHIP ACRES	SIDE LIMB	TOWER SITES	DT's	NOTES
From:	Tahk. Sub										Listed on Tahkenitch-Gardiner sheet
To:	1\1 + 235'										
From:	1\4 - 300'	100	1325	3.0							<b>NO HERBICIDES from 1\5 + 65' to 135'</b>
To:	1\6 + 200'										<b>NO HERBICIDES from 1\6 + 328' to 398'</b>
From:	1\7 - 150'	100	300	0.7		0.2					
To:	1\7 + 150'										
From:	2\1 - 100'	100	1615	3.7		1.7					May need to add on canyon trees @ 2\3 AOL midspan
To:	2\3 + 200'										<b>NO HERBICIDES from 2\1 + 40' to 110' and + 285' to 355'</b>
											<b>NO HERBICIDES from 2\2 + 200' to 270'</b>
From:	2\4 - 300'	100	1480	3.4							<b>NO HERBICIDES from 2\5 + 307' to 377'</b>
To:	2\6 + 300'										
From:	3\1	100	525		1.2						<b>Use Garlon 3A for spot/stump treatment in this area</b>
To:	3\1 + 525'										<b>(Can spray upto edge)</b>
From:	3\2 - 350'	100	550	1.3							
To:	3\2 + 200'										
From:	3\3 - 100'	100	200	0.5					3\4		<b>Use Garlon 3A for spot/stump treatment on tower sites</b>
To:	3\3 + 100'								4\22		<b>(Can spray upto edge)</b>
From:	3\5	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:											
<b>TOTALS</b>				<b>13.3</b>	<b>1.2</b>	<b>1.9</b>				<b>2</b>	

**Right-of-Way Maintenance Detail Sheets**  
Eugene Region: North Bend District

**ADNO: 7480**

**LINE NAME: Tahkenitch-Gardiner #1**

	LOCATION	WIDTH	LENGTH	SELECT CUT <sup>1</sup> ACRES	LOW CUT <sup>2</sup> ACRES	ACCESS ROAD ACRES	CHIP ACRES	SIDE LIMB	TOWER SITES	NOTES
From:	Tahk. Sub	200	375	1.7						Remove all scotchbroom from around Substation
To:	1\1 + 235'									
From:	1\2 - 400'	200	600		2.8					Machine mow all areas possible--hand-cut draws where machine cannot reach
To:	1\2 + 200'									
From:	1\2 + 200'	100	3426		7.9	2.0				Machine mow all areas possible--hand-cut draws where machine cannot reach
To:	1\7 + 450'									
										<b>NO HERBICIDES from 1\4 + 143' to 245'</b> <b>NO HERBICIDES from 1\5 + 125' to 195' and 680' to 750'</b>
From:	2\1 - 150'	100	500	1.1		1.0				
To:	2\1 + 350'									
From:	2\2 - 400'	100	400		0.9	5.5				Machine mow all areas possible--hand-cut draws where machine cannot reach
To:	2\2									
From:	2\2	100	300	0.7		0.5				Will need to cut 5-10 canyon trees in 2 spots midspan
To:	2\2 + 300									
From:	2\3 - 600'	100	800	1.8			yes			Chip any debris visible from Hwy. 101
To:	2\3 + 200'									
From:										
To:										
From:										
To:										
From:										
To:										
From:										
To:										
From:										
To:										
From:										
To:										
<b>TOTALS</b>				<b>5.4</b>	<b>11.6</b>	<b>9.0</b>				