

United States Government

Department of Energy

Bonneville Power Administration

# memorandum

DATE: February 10, 2005

REPLY TO  
ATTN OF: KEP-4

SUBJECT: Supplement Analysis for the Transmission System Vegetation Management Program FEIS  
(DOE/EIS-0285/SA-241) Ostrander-Troutdale No.1 **Project #: V-O-05/07**

to: Ed Tompkins  
Natural Resource Specialist-TFO/Ross

**Proposed Action:** Vegetation Management along the Ostrander-Troutdale No.1, 500 kV Transmission Line Corridor from structures: 5/2 to 25/2 of the reference line (Ostrander-Troutdale No. 1) and along the Big Eddy-Troutdale No. 1, 230 kV Transmission Line Corridor from structures 61/4 to 65/3.

**Location:** The project line is located in Clackamas and Multnomah County, Oregon, in BPA's Olympia Region.

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

**Description of the Proposal:** BPA proposes to remove tall growing and noxious vegetation from the right of way and access roads that can potentially interfere with the operation, safety, maintenance, and reliability of the transmission lines. Unwanted tall growing and noxious vegetation, and reclaim trees will be removed and/or controlled inside the ROW using selective and nonselective methods that may include hand cutting and herbicidal treatment. Vegetation management work will occur between structures 5/2 to 25/2 of the reference transmission line (Ostrander-Troutdale No. 1) and between structures 61/4 to 65/3 of the Big Eddy-Troutdale No. 1. This proposal covers approximately 722 acres of land.

**Analysis:** A Vegetation Management Checklist was completed for this project in accordance with the requirements identified in the Bonneville Power Administrations Transmission System Vegetation Management Program FEIS (DOE/EIS-0285).

The subject corridor traverses public and private lands in Clackamas and Multnomah County, Oregon, consisting of rural forest, pastures and farmland, municipal watershed forest, and commercial nurseries. No tribal lands are involved.

Section 3 of the checklist identifies the natural resources present in the area of the proposed work. The following summarizes natural resources occurring in the project area along with applicable mitigation measures.

Water Resources: Water bodies (streams, rivers, lakes, wetlands) occurring in the project area are listed in section 3.1 of the Vegetation Management Checklist. Trees in riparian zones will be selectively cut to include only those that are within 50 feet of the conductor at maximum sag. Trees will be topped where shrubs are not present to provide shade and a silt buffer. No ground disturbing vegetation management methods will be implemented thus minimizing the risk for soil erosion and sedimentation near the streams. The following herbicide buffers will be implemented for the project. Outside a 100' buffer from any T&E listed steam, pond, or wetland or a 35' buffer from any other steam, ponds, or wetlands Triclopyr BEE (common formulations, Garlon 4 & Tahoe 4E) may be applied. Formulations of Triclopyr TEA (common formulations Garlon 3A & Tahoe 3A) may be applied for spot or localized applications up to one yard of the waters edge for T&E listed streams ponds, or wetlands or up to the waters edge of any other water body or sensitive habitat. For any initial or follow up broadcast treatment with Triclopyr TEA on sprouting stumps or brush a 35' buffer will be maintained from any steam, ponds, wetlands, or sensitive areas.

Threatened and Endangered Species/Essential Fish Habitat: Pursuant to its obligations under the Endangered Species Act, BPA has made a determination of whether its proposed project will have any effects on any listed species. A species list was received from the United States Fish and Wildlife Service (USFWS) on February 7, 2004, identifying threatened and endangered species and Critical Habitat Units potentially occurring in the project area. In addition a review of species under the jurisdiction of NOAA Fisheries was conducted. A determination of "No Effect" was made for all ESA listed species and designated critical habitat for the project. A determination of "No Effect" was made for Essential Fish Habitat waters that occur in the project area.

Cultural Resources: No cultural resources are known for the project area. If a site is discovered during the course of vegetation control, work will be stopped in the vicinity and the appropriate tribe, the BPA Environmental Specialist, and the BPA archeologist will be contacted.

Monitoring: The entire project will be inspected during the work period. Additionally the line will be patrolled annually after treatment to monitor the effectiveness of the treatment and any issues associated with the project.

**Findings:** 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. This Supplement Analysis also finds the proposed actions will not affect threatened or endangered species. Therefore, no further NEPA documentation is required.

/s/ Aaron Shurtliff

Aaron Shurtliff  
Physical Scientist

CONCUR: /s/ Thomas C. McKinney  
Thomas C. McKinney  
NEPA Compliance Officer

DATE: 2/14/2005

Attachment:  
Vegetation Management Checklist

cc:

L. Croff – KEC-4  
T. McKinney – KEC-4  
J. Meyer – KEP-4  
J. Sharpe – KEPR-4  
A. Shurtliff – KEPR-4  
G. Tippetts – KEPR/Olympia  
H. Adams – LC-7  
J. Hilliard Creecy – T-DITT  
M. Johnson – TF/DOB-1  
D. Krauss – TFO/Olympia  
D. Swanson – TFOP/LMT  
Environmental File – KEC-4  
Official File – KEP (EQ-14)

**Vegetation Management Checklist  
Ostrander-Troutdale #1 Transmission line corridor**

**PROJECT #: V-O-05/07**

**Ed Tompkins  
Natural Resource Specialist**

# 1. IDENTIFY FACILITY AND THE VEGETATION MANAGEMENT NEED

## 1.1 Describe Right-of-way.

| Corridor Name             | Corridor Length & kV | Easement width | Miles of Treatment     |
|---------------------------|----------------------|----------------|------------------------|
| Ostrander-Troutdale No. 1 | 500KV                | 150 Feet       | 5/2 to Troutdale Sub.  |
| Hanford-Ostrander No. 1   | 500KV                | 150 Feet       | 173/4 to 180/4         |
| Big Eddy-Troutdale No.1   | 230 KV               | 125 Feet       | 61/4 to Troutdale Sub. |

### Right Of Way:

Right-of-Way – clearing in right-of-way

Transmission Structures – clearing around.

Reclaim C-Trees

Clearing Access Roads to the ROW

## 1.2 Describe the vegetation needing management.

### Vegetation Types:

|                 |                |
|-----------------|----------------|
| Douglas-fir     | Red Alder      |
| Cottonwood      | Big Leaf Maple |
| Western Hemlock | Willow         |
| Blackberries    | Scotchbroom    |

## 1.3 List measures you will take to help promote low-growing plant communities. If promoting low-growing plants is not appropriate for this project, explain why.

Vegetation that can grow tall will be selectively eliminated before it reaches a height or density to begin competing with low-growing species. Cut-stump and follow-up foliar herbicide treatments on sprouting-type species will be carried out to ensure that the plants are killed. Low-growing species are left untreated if they are not a threat to line integrity.

## 1.4 Describe overall management scheme/schedule.

**Initial entry** – All tall growing vegetation, as identified in the control prescription, will be cut, and sprouting stumps chemically treated to prevent re-sprouting. Access roads, right-of-way roads and structure sites are to be cut and treated. A follow-up chemical treatment will occur on all treated areas in the summer of 2005.

**Subsequent entries** – Every 3-4 years, a maintenance contract will be necessary to treat newly established trees. The use of herbicides on this entry and subsequent cycles should reduce the quantity and cost of work.

**Future cycles** – Same as above.

**2. IDENTIFY SURROUNDING LAND USE AND LANDOWNERS/MANAGERS**

**2.1 List the types of landowners and land uses along your corridor.**

**Landowners/Managers/Uses:**

- Rural forestland
- Pasture lands, farmland
- Municipal Watershed Forest
- Commercial Nurseries

**2.2 Describe method for notifying right-of-way landowners and requesting information (i.e., door hanger, letter, phone call, e-mail, and/or meeting). Develop landowner mail list, if appropriate.**

Olympia will send letters to the property owners about 3 weeks prior to cutting the brush. Door to door contact will be made where it is warranted. Door hangers have been used at properties where special treatments are anticipated. Conversations with property owners on site, emails, and phone calls are all used.

**2.3 List the specific land owner/land use measures — determined from the handbook or through your consultations with the entities — that will be applied.**

| Span  |                        | Landowner/use                | Specific measures to be applied  |
|---|------------------------|------------------------------|--|
| From  | To                     |                              |  |
| 5/2<br>61/4   | Troutdale Sub.<br>65/3 | Rural areas,<br>wooded areas | Cut, Lop, Scatter tall-growing veg.<br>Clearing structures, access roads, ROW roads. |
| 6/2, 9/2-3,<br>10/2-3, 12/2,<br>12/3, 61/4,<br>62/2, 62/4,<br>63/1, 64/3-4,<br>70/1, 72/3,<br>73/3. |                        | Rural residential            | Cut & chip. Spread or pile chips.  |

**2.4 Review any existing landowner agreements (e.g. tree/brush Permits or Agreements). List in table above any provisions that need to be followed and where they are located.**

N/A

**2.5 List any known casual informal use of the right-of-way by non-owner publics. List any constraints or measure’s to take due to the informal use.**

N/A

**2.6 List other potentially affected people, agencies, or tribes (that are not landowners/managers) that need to be notified or coordinated with. Describe method of notification and coordination.**

None

**3. IDENTIFY NATURAL RESOURCES**

**3.1 List any water resources (streams, rivers, lakes, wetlands) that may be impacted by vegetation control activities. For each water body describe the control methods and requirements or mitigation measures that will be used.**

| Span                           |           | Water body              | T&E | Method                             | Herbicide | Application Technique                                 | Buffer  |
|--------------------------------|-----------|-------------------------|-----|------------------------------------|-----------|---|---|
| To                             | From      |                         |     |                                    |           |   |   |
| Ostrander-Troutdale<br>5/5+750 | 5/5+ 1000 | South Fork Tickle Creek | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 6/2+700                        | 6/2+ 850  | No Name                 | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 6/3+300                        | 6/3+350   | No Name                 | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 7/1+750                        | 7/1+800   | Tickle Creek            | Yes | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters+1 yard to 100 feet |
| 9/5+130                        | 9/5+900   | No Name                 | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 10/3+300                       | 10/3+800  | Sandy River             | Yes | Skip                               |           |   |   |
| 11/1+300                       | 11/1+350  | No Name                 | No  | Skip                               |           |   |   |

| Span                                |            | Water body           | T&E | Method                                    | Herbicide | Application Technique   | Buffer  |
|-------------------------------------|------------|----------------------|-----|---|-----------|---|---|
| To                                  | From       |                      |     |   |           |   |   |
| 11/2+ 1000                          | 11/2+ 1200 | Bull Run River       | Yes | Skip                                      |           |   |   |
| <b>BE-TRT</b><br>62/1+920           | 62/1+ 1100 | Sandy River          | Yes | Skip                                      |           |   |   |
| 62/3+490                            | 62/1+510   | No Name              | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 62/4+150                            | 62/4+170   | No Name              | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 62/5+250                            | 62/5+450   | No Name              | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 63/5+170                            | 63/5+210   | Canal                | No  | Skip                                      |           |   |   |
| 63/5+ 1500                          | 63/5+ 1700 | Bull Run River       | Yes | Skip                                      |           |   |   |
| 64/1+400                            | 64/1+420   | Laughing Water Creek | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 64/5+570                            | 64/5+620   | Deer Creek           | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 66/1+750                            | 66/1+ 1140 | Walker Creek         | No  | Skip                                      |           |   |   |
| Ostrander-<br>Troutdale<br>13/1+800 | 13/1+ 1000 | Walker Creek         | No  | Skip                                      |           |   |   |

| Span               |            | Water body      | T&E | Method                                    | Herbicide | Application Technique   | Buffer  |
|--------------------|------------|-----------------|-----|---|-----------|---|---|
| To                 | From       |                 |     |   |           |   |   |
| BE-TRT<br>66/6+680 | 66/6+720   | No Name         | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 67/4+ 150          | 67/4+350   | No Name         | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 67/5+600           | 67/5+700   | Trout Creek     | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 68/2+330           | 68/2+350   | No Name         | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 68/3+330           | 68/3+370   | No Name         | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |
| 68/5+ 1150         | 68/5+ 1250 | Gordon<br>Creek | Yes | Skip                                      |           |   |   |
| 69/1+ 1000         | 69/1+ 1200 | Buck Creek      | Yes | Skip                                      |           |   |   |
| 69/2+320           | 69/2+420   | No Name         | No  | Skip                                      |           |   |   |
| 69/3+600           | 69/3+800   | No Name         | No  | Skip                                      |           |   |   |
| 70/1+480           | 70/1+600   | No Name         | No  | Skip                                      |           |   |   |
| 70/2+320           | 70/2+840   | No Name         | No  | Skip                                      |           |   |   |
| 70/6+700           | 70/6+750   | Big Creek       | No  | Cut, Lop,<br>Scatter tall-<br>growing veg | Garlon 3A | Chemically<br>treat cut<br>stumps<br>immediately<br>after cutting | Spot treat<br>with<br>Garlon 3A<br>waters<br>edge to 35<br>feet |

| Span     |          | Water body                         | T&E | Method                             | Herbicide | Application Technique                                 | Buffer  |
|----------|----------|------------------------------------|-----|------------------------------------|-----------|---|---|
| To       | From     |                                    |     |                                    |           |   |   |
| 71/4+330 | 71/4+380 | No Name                            | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 71/5+380 | 71/5+430 | No Name                            | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 72/1+600 | 72/1+850 | Smith Creek                        | No  | Skip                               |           |   |   |
| 72/6+650 | 72/6+700 | No Name                            | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 73/1+480 | 73/1+520 | No Name                            | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 73/3+830 | 73/3+850 | No Name                            | No  | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters edge to 35 feet    |
| 76/1+50  | 76/1+450 | No Name                            | Yes | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters+1 yard to 100 feet |
| 77/1+0   | 77/1+500 | Sandy River                        | Yes | Skip                               |           |   |   |
| 77/1+500 | 77/5+ 0  | Sandy River and associated sloughs | Yes | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters+1 yard to 100 feet |

| Span                          |        | Water body                         | T&E | Method                             | Herbicide | Application Technique                                 | Buffer  |
|-------------------------------|--------|------------------------------------|-----|------------------------------------|-----------|---|---|
| To                            | From   |                                    |     |                                    |           |   |   |
| Ostrander-Troutdale<br>24/2+0 | 25/2+0 | Sandy River and associated sloughs | Yes | Cut, Lop, Scatter tall-growing veg | Garlon 3A | Chemically treat cut stumps immediately after cutting | Spot treat with Garlon 3A waters+1 yard to 100 feet |

**3.2 If planning to use herbicides, list locations of any known irrigation source, wells, or springs (landowners maybe able to provide this info if requested).**

N/A

**3.3 List below the areas that have Threatened or Endangered Plant or Animal Species and the name of the species, and any special measures that need to be taken due to their presence. Attach any BAs, T&E maps, or letters from US Fish and Wildlife.**

| Span        |              | T&E Species  | Method/mitigation or avoidance measures  |
|-------------|--------------|--|--|
| From        | To           |  |  |
| 5/2<br>61/4 | 25/2<br>71/5 | Spring, Summer, & Fall Run Chinook Salmon. Gordon, Bull Run, Sandy Rivers. | Selective cutting of trees in riparian zone and/or cutting trees tops that are within 50' of the conductor at max sag. Herbicide treatments within 100' up to 1 Yard of waters edge with only practically non-toxic (to Aquatic species) chemicals (Garlon 3A / Tahoe 3A). No chemical treatment within one yard of the waters edge. Top trees when shrubs are not present to provide shade and a silt buffer. |
| 5/2<br>61/4 | 25/2<br>71/5 | Summer & Winter run Steelhead Gordon, Buck Creek, Sandy, Bull Run Rivers.  | Same as listed above.  |
| 5/2<br>61/4 | 25/2<br>71/5 | Winter Run Steelhead Gordon Creek  | Same as listed above.  |

**3.4 List any other measures to be taken for enhancing wildlife habitat or protecting species.**

| Span        |              | Species                                    | Measures   |
|-------------|--------------|--|--|
| From        | To           |  |  |
| 5/2<br>61/4 | 25/2<br>71/5 | Anadromous fish and other aquatic species. | Selective cutting of trees in riparian zone and/or cutting trees tops that are within 50' of the conductor at max sag. Herbicide treatments within 100' up to 1 Yard of waters edge with only practically non-toxic (to Aquatic species) chemicals (Garlon 3A / Tahoe 3A). No chemical treatment within one yard of the waters edge. Top trees when shrubs are not present to provide shade and a silt buffer. |

**3.5 List any visually sensitive areas and the measures to be taken at these areas.**

| Span         |              | Describe sensitivity                      | Method/mitigation measures   |
|--------------|--------------|---|--|
| From         | To           |   |  |
| 20/3<br>73/4 | 25/2<br>71/5 | Columbia River Gorge National Scenic Area | The project will occur on the previously disturbed Transmission line ROW and involves removal of small brush and trees under the lines only. Effects to the scenic area will be indiscernible from the existing ROW. |

**3.6 List areas with cultural resources and the measures to be taken in those areas.**

No known sites. No ground disturbing activities will be implemented.

**3.7 List areas with steep slopes or potential erosion areas and the measure and methods to be applied in those areas.**

All natural vegetation that is not tall growing will be left undisturbed for erosion control. Less than 5 percent of all vegetation ground cover will be treated in this activity.

**3.8 List areas of spanned canyons and the type of cutting needed.**

N/A

**4. DETERMINE VEGETATION CONTROL METHODS**

**4.1 List Methods that will be used in areas not previously addressed in steps above.**

| Span        |              | Methods, including herbicide active ingredient, trade name, application technique   |
|-------------|--------------|---|
| From        | To           |   |
| 5/2<br>61/4 | 25/2<br>71/5 | For non-sensitive areas, cut-stump/basal treatment uses 25% Garlon 4 (triclopyr) and 75% water/ forest crop oil. Summer foliar application on re-sprouts uses 3% Garlon 4 and 97% water, and dye. For areas near water, Garlon 3A is substituted for Garlon 4. For non-sensitive areas (spans) cut stump/basal treatment with 25% Garlon 4/Tahoe 4E and 75% Forest Crop Oil (FCO). A 50/50 % mixture of Garlon 3A/Tahoe 3A and/or 5% of Arsenal and water for stump treatment will be used in the non-T&E listed creek riparian zones and within the 100' buffer up to one yard of the high water mark of a T&E listed creek. A late spring and early summer follow-up foliar treatment with Garlon 3A/Tahoe 3A and Escort on all hardwood species except the use of Arsenal on Big Leaf Maple, Wild Cherries and Cottonwood sprouting stumps and/or brush in non-T&E/EFH buffers. Initially, foliar treat Scotch broom as well as a follow up treatment in the spring-summer |

**5. DETERMINE DEBRIS DISPOSAL AND REVEGETATION**

**5.1 Describe the debris disposal methods to be used and any special considerations.**

**Debris Disposal:**

**Lop and Scatter:** Branches of a fallen tree are cut off (lopped) by ax or chainsaw, so the tree trunk lies flat on the ground. The trunks are usually cut to 10-15 foot lengths. The cut branches and trunks are then scattered on the ground to a depth of 2-3 feet, and left to decompose.

**Mulch:** Mulching is a debris treatment that falls between chipping and lop-and-scatter. The debris is cut into 1-to-2-ft. lengths, scattered on the right-of-way and left to decompose. This method is used when terrain and conditions do not allow the use of mechanical chipping equipment.

**5.2 List areas of reseeded or replanting (those areas not already described in steps 1, 2, or 3).**

N/A

Native grasses and shrubs are present on the entire right-of-way and are expected to seed into the areas that will have lightly disturbed soil predominately located on the right-of-way roads. BPA expects 2-3 vehicles of the brush contractor and 1 contract inspector’s vehicle will be present on the site.

**5.3 If not using native seed/plants, describe why.**

N/A

**5.4 Describe timing and any follow-up that will need to take place to ensure germination/success of seeding/planting.**

N/A

**6. DETERMINE MONITORING NEEDS**

**6.1 Describe the follow-up/monitoring cycle that will be used to evaluate the effectiveness of the vegetation control methods used.**

Monitoring of the effectiveness of the cutting and initial herbicide treatment will begin in the spring and early summer. Monitoring the follow-up herbicide treatment will be in the mid to late summer.

**6.2 Describe any follow-up or monitoring needed to determine if mitigation measures were effective.**

Annually patrol the transmission line by the line crew and the Natural Resource Specialist will periodically monitor the right-of-way for effective mitigation measures.

**7. PREPARE APPROPRIATE ENVIRONMENTAL DOCUMENTATION**

**7.1 Describe any potential project impacts or project work that are different than those disclosed in the Transmission System Vegetation Management Program EIS. Describe how those differences impact natural resources and if the differences are “substantial”.**

All proposed brush cutting and chemical treatment activities on this corridor is noted in the EIS.

**7.2 Is there a need for additional NEPA documentation (i.e. Forest Service requirement, Record of Decision, supplemental EIS)? If so, attach.**

No