#### **Bonneville Power Administration**

### memorandum

DATE: August 11, 2003

REPLY TO

ATTN OF: KEP-4

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

(DOE/EIS-0285/SA-169 CJ-Monroe No.1 from 80/1 to 121/4 and CJ-Snohomish No. 3 & 4

from 80/3 to 81/1 & 100/3 to 105/1)

то: Don Atkinson

Natural Resource Specialist - TFN/SNOHOMISH

**Proposed Action:** Vegetation Management for portion of the CJ-Monroe No.1 from 80/1 to 121/4 and CJ-Snohomish No. 3 & 4 from 80/3 to 81/1 and 100/3 to 105/1

**Location:** Project location is within King and Snohomish Counties, Washington.

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

<u>Description of the Proposal</u>: BPA proposes to clear targeted vegetation within the right-of-way. BPA proposes to clear along access roads and remove danger trees outside the right-of-way where appropriate. Project is to remove vegetation that may impede the operation and maintenance of the subject transmission line. See Section 1.1 through 1.4 of the attached checklists for a complete description of the proposed action.

<u>Analysis</u>: Please see the attached checklist for the resources present. Applicable findings and mitigation measures are discussed below.

#### **Planning Steps:**

#### 1. Identify facility and the vegetation management need.

Work will take place along portions of the Chief Joseph-Monroe No.1 from 80/1 to 121/4 and Chief Joseph-Snohomish No. 3 & 4 from 80/3 to 81/1 and 100/3 to 105/1 transmission lines. The Chief Joseph-Monroe easement is from 225 to 800 feet, the Chief Joseph-Snohomish No. 3 and 4 is from 125 to 330 feet. A total project area consists of approximately 1413 acres. It is estimated that approximately 1397 acres will need treatment, and approximately 45 miles of access roads and 401 tower sites.

Tall growing vegetation of the types listed in Section 1.2 of the attached checklist are present in the ROW and will soon pose a hazard to the lines. Project involves clearing tall growing vegetation and treatment of the associated stumps and re-spouts with approved herbicides to ensure that the roots are killed.

Vegetation on access roads and around tower sites that impede the operation and maintenance of the transmission line will also be cleared and/or treated.

All off right-of-way trees (danger trees) that are marked as potentially unstable, or trees that are identified that well fall within the minimum approach distance or into the safety zone of the power line will be cut as part of this project. Danger trees may be treated to prevent resprouting.

A follow-up chemical foliar treatment is scheduled within the next growing season. Control methods and requirements, as outlined in Sections 3 of the attached Vegetation Management checklist, will be employed to mitigate any environmental effects to natural resources or to Threatened or Endangered species habitat. This vegetation management program is designed to provide a 3-5 maintenance free interval after the follow-up treatment.

#### 2. Identify surrounding land use and landowners/managers and any mitigation.

The subject corridor traverses a mixture of private and public owned lands. Mostly rural residential, grazing and private forest lands, Washington Department of Natural Resources and the Mt. Baker-Snoqualmie National Forest lands.

A letter will be sent by mail to notify landowners in proximity to the project transmission lines prior to vegetation control activities. Personal contact along with door hangers may also be employed to notify landowners. The Prescription / Cut Sheets will be modified as needed based on input received during the project. A listing of current Landowner Agreements along the ROW can be found in Section 2.4 of the attached checklist.

Timing and treatments standards within the jurisdictional boundaries of the WA. Dept of Natural Resources lands will be coordinated with appropriate DNR personal.

All project areas that fall within the jurisdictional boundaries of the Mt Baker-Snoqualmie National Forest, the Project Manger is to coordinate with and apply forest service specific mitigation measures. No herbicides are to be used within the boundaries of the Mt. Baker-Snoqualmie National Forest.

#### 3. Identify natural resources and any mitigation.

Section 3 of the attached checklist identifies the natural resources present in the area of the proposed work. The following cites resources found with applicable mitigation measures:

#### **Riparian Habitat:**

Includes all wetlands, streams, creeks and ponds meeting the definition of riparian habitat. Riparian areas were identified which may include essential fish habitat. See Section 3.1 of the attached checklist for a complete listing of identified water resources.

#### **Riparian Habitat Mitigation:**

• County or private lands, within 30.5 m (100 ft.) of a stream or open water. Available: all manual, spot and localized herbicide, and biological treatments, except grazing. On slopes less than 20% there will be no ground-disturbing mechanical methods employed within 35 ft. of the stream or wetland. On slopes greater than 20% there will be no ground-disturbing mechanical methods employed within the buffer.

• Within 50 ft. to edge of surface water only cut-stump and localized or spot chemical treatments using practically non-toxic to slightly toxic formulations of glyphosate, triclopyr (TEA) formulation, imazapyr, and metsulfuron-methyl (Escort). Highly toxic to very highly toxic herbicides (to aquatic species) or those herbicides containing a groundwater or surface water label advisory will not be used in this zone. Triclopyr (Garlon 4) may be used only more than 100 ft. from streams or water.

#### **Irrigation Source, Wells, or Springs:**

Includes water sources, springs, wells and other sensitive lands within 100 ft. of sensitive riparian areas or water sources. See Section 3.2 of the attached checklist for a complete listing.

#### **Irrigation Source, Wells, or Springs Mitigation:**

Herbicides will not be applied within 100 ft. of any irrigation water source, well, spring, or
other sensitive riparian area. Only hand cutting methods are permitted within this buffer.
Herbicide use is limited to those that do not have ground or surface water advisories
between 100 and 165 ft of wellhead. Approved herbicides include: glyphosate, imazapyr,
tryclopyr, Escort.

#### T & E Species/ Essential Fish Habitat:

Section 3.3 of the attached checklist presents any Threatened or Endangered Species identified in the area of the proposed work. See attached USFWS species list.

#### **T & E Species Mitigation:**

- **Listed Anadromous Fish/Bull Trout:** See checklist for identified critical habitat. No herbicides will be applied within 400 ft. of the waters edge of any T&E or Essential Fish Habitat listed water bodies. On slopes less than 20%, there will be no disturbance with 35 ft. of the stream or water source. On slopes greater than 20%, there will be no disturbance within 400 ft of the stream or water source. Project Manager is to select cut, top or trim trees within the buffer limits to maintenance stream shade producing vegetation.
- **Bald Eagle Nesting Areas:** During nesting season activities with ¼ mile of the known site will be suspended from January 1<sup>st</sup> to August 15<sup>th</sup>. If maintenance activities are required within the buffer during this period then the Wildlife Species Coordinator will be contacted for directions on how to proceed. If perching birds or large nest (more than 24 inches in diameter) is seen within the project area, especially around or on the transmission towers discontinue the activity and contact the Regional Environmental Protection Specialist and the USFWS.

- Marbled Murrelet: See checklist for identified critical habitat. Mitigation measures are as follows:
  - o No tree greater than 32 inches at breast height is to be removed. If a tree needing removal is greater than 32 inches diameter at breast height and has suitable nest tree characteristics, initiate consultation with the USFWS and Forest Service as warranted.
  - During core breeding season, from April 1-August 5, do not carry out maintenance activities that produce noise levels above ambient noise levels, within 0.25 miles of known habitat or occupancy.
  - O During late breeding season, from August 6 September 15, do not carry out maintenance activities using motorized equipment within 0.25 miles of habitat or occupancy within two hours after sunrise or within two hours before sunset.
- **Northern Spotted Owl:** See checklist for identified critical habitat. Mitigation measures are as follows:
  - Where opportunity exists, suspend vegetation management activities with 0.25 miles of spotted owl habitat between March 1 and June 30, unless the owls are shown noted to be nesting.
  - Examine any large trees that need to be removed in Spotted Owl habitat for evidence of owls. If a tree has evidence of owl nesting activity, conduct consultation with the USFWS and the Forest Service if warranted.
  - o In case of an emergency danger tree removal---a tree suddenly becoming an imminent threat to the line, posing a danger to life and property---immediately examine the felled tree for evidence of nesting. If such evidence is found, start emergency consultation with USFWS and the Forest Service if warranted. If the situation occurs during off-duty hours, conduct after-the-fact emergency consultation the next business day.
- **Grizzly Bear:** Grizzly bears are not habituated to human activities. The project area falls within and along the Washington State Highway 2 corridor, with very high density of traffic and human activates (both residential and recreational) throughout the year. Dens sites usually occur well away from development and human activity. Grizzly bear are not expected in the project area.

#### **Cultural Resources:**

Vegetation management typically does not involve ground-disturbing activities, and no known cultural resources are present along the ROW.

#### **Cultural Resources Mitigation:**

If a site is discovered during the course of vegetation control, work will be stopped in the vicinity and the local tribe will be contacted as well as the BPA Environmental Specialist.

#### **Steep Slopes:**

See Section 3.7 of the attached checklist for areas having a steep slope requiring vegetation management. Manual, herbicide, and biological treatments are available for treatment. Ground disturbing mechanical equipment is not allowed to clear on slopes greater than 20% except for treatment on access roads and around structures.

#### **Spanned Canyons:**

Includes areas in the corridor with a greater than 125 ft. vertical distance between the ground surface and transmission lines. Removal is periodically required of individual trees that could encroach into the transmission corridor danger zone. See Section 3.8 of the attached checklist for a listing of such areas along the ROW.

#### 4. Determine vegetation control and debris disposal methods.

No herbicides will be applied on the Mt. Baker-Snoqualmie National Forest and/or within mitigation buffers zones. Only herbicides currently on the BPA approved list are to be applied in all others areas.

Vegetation will be removed using manual, mechanical, and chemical methods, see checklist for treatment zones.

Debris will either be disposed on-site or trucked off-site using either chip, lop and scatter, or mulch techniques as described in Section 5 of the attached checklists.

#### 5. Determine revegetation methods, if necessary.

Re-vegetation is not planned for this project. However, if soil disturbance occurs during the project, the area will be reseeded.

#### 6. Determine monitoring needs.

The project area will be inspected during treatment. In addition, it will be reviewed during routine patrols by the line crew and within one year by the NRS.

#### 7. Prepare appropriate environmental documentation.

<u>Findings:</u> 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 that with the mitigation measures as mentioned above that the proposed actions will not affect threatened or endangered species. Therefore, no further NEPA or ESA documentation is required.

DATE: <u>08/15/2003</u>

/s/ Mark Martin

Mark Martin

**Environmental Protection Specialist** 

CONCUR: /s/ Thomas C. McKinney\_

Thomas C. McKinney NEPA Compliance Officer

#### Attachment

cc:

L. Croff - KEC-4

T. McKinney – KEC-4

J. Meyer – KEP-4

E. Stratton – KEP/PSB-2

M. Martin - KEPR/COVINGTON

P. Key - LC-7

J. Hilliard Creecy – T-DITT2

D. Hollen – TF/DOB-1

L. Alvarez – TFN/SNOHOMISH

A. De La Cruz – TFN/SNOHOMISH

R. Sweet – TFNF/SNOHOMISH

Environmental File – KEC-4

Official File – KEP (EQ-14)

Mmartin:mm:4722:8/12/2003 (KEP-KEPR/COVINGTON-W:\EP\2002 & 2003 FILES\EQ\EQ-14\FEIS-0285-SA-169-CJ-Monroe - CJ-Snoho.doc)

### **Vegetation Management Checklist**

Chief Joseph – Monroe No.1 80/1 to 121/4 mile Chief Joseph – Snohomish No. 3 & 4 80/3 to 81/1 & 100/3 to 105/1 mile

Prepared By: Don Atkinson

Natural Resource Specialist This checklist is to be used to help:

#### 1. IDENTIFY FACILITY AND THE VEGETATION MANAGEMENT NEED

#### 1.1 Describe Right-of-way.

See Handbook — <u>List of Right-of-way Components</u> for checkboxes and the requirements for the components <u>Rights-of-way</u>, <u>Access Roads</u>, <u>Switch Platforms</u>, <u>Danger Trees</u>, and <u>Microwave Beam paths</u>.

Corridor Name	Corridor Length & kV	Easement width	Miles of Treatment
Chief Joseph-Monroe No. 1	80/1 to 121/4	225' to 800'	Approx. 41miles
	500kv		
Chief Joseph-Snohomish No. 3 & 4	80/3 to 81/1 & 100/3 to 105/1 345kv	125' to 330'	Approx. 5 miles

#### 1.2 Describe the vegetation needing management.

See handbook — List of Vegetation Types, Density, Noxious Weeds for checkboxes and requirements.

#### **Vegetation Types:**

Western Red Cedar

Douglas fir

Grand fir

Hemlock

Alder

Sitka Alder

Noble fir

Pacific Silver fir

Willows – mid span or where ground to conductor clearance is low

Cottonwoods

**Scotchbroom** – along access roads and around structures or mid span where ground to conductor clearance is low

**Blackberries** - along access roads and around structures or mid span where ground to conductor clearance is low

**Density:** The density is variable through the project and ranges from Low (50 stems or less per acre) to as High (250 + stems per acre).

# 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. See Handbook — for requirements and checkboxes.

Vegetation that will grow tall will be selectively eliminated *before* it reaches a height or density to begin competing with low-growing species. Desirable low-growing plants will not be disturbed. Only selective vegetation control methods that have little potential to harm non-target vegetation will be used.

Cut-stump or follow-up spot herbicide treatments on species that re-sprout will be carried out to ensure that the roots are killed (follow-up treatment may take place during the next growing

season). Herbicides will not be applied using high volume methods to ensure that non-target species are not treated.

#### 1.4 Describe overall management scheme/schedule.

See Handbook - Overall Management Scheme/Schedule.

<u>Description of the Proposed Action</u>: The project consists of clearing targeted vegetation within and/or adjacent to the right-of-way, around structures, and along access roads that may impede the operation and maintenance of the subject transmission line. All work will be in accordance with the National Electrical Safety Code and BPA standards. It is the goal of this project to remove the tall growing vegetation that is currently or will soon be a hazard to the transmission line. The overall long-term goal is to develop low-growing plant communities within the right-of-way. The current action consists of 4 primary treatment zones:

- <u>Right-Of-Way</u> The total project area consists of approximately 1413.1 acres. It is estimated that approximately 1396.9 acres of the project area will be cut.
- Access Road Clearing Approximately 45 miles of access roads will be cleared.
- <u>Transmission Structures</u> Approximately 401 tower sites will be treated.
- <u>Danger Trees (off right-of-way):</u> All off-right-of-way trees (danger trees) that are marked as potentially unstable, or trees that are identified during the project, that would fall within the minimum approach distance (MAD) or into the safety zone of the power line, will be cut as part of this project. As site conditions allow danger trees may be treated with herbicides to prevent re-sprouting.

Maintenance will include treatments to manage the target vegetation. Maintenance activities in the ROW could occur every year for the first Maintenance Cycle. Normally, the vegetation would be treated every 3 to 4 years. Three general control methods are being considered. They can be used individually or in combination to control vegetation including noxious weeds. The project prescription cut sheet documents exactly which treatment is proposed on a site-specific location.

- Manual methods
- Mechanical methods
- Chemical methods

**Manual Control Methods** – are the control/management of vegetation by pulling or cutting with hand tools including the following techniques:

- **Pulling** Physically pulling vegetation from the soil.
- **Cutting** using shears, clippers, chainsaws, brush saws and axes to sever the above ground vegetation (including topping, pruning and side -trimming). The most common cutting prescription is "cut lop and scatter". This is defined as cutting the vegetation from the stump, lopping or cutting the limbs from it to ensure contact with the ground, and hand scattering the cut limbs to avoid concentrations of debris.

• **Girdling** – cutting a ring completely around the trunk of the tree, sufficiently deep into the cambium layer to kill the tree, but leave it standing.

**Mechanical Control Methods** – are the control/management of vegetation by cutting it with mowing type equipment, mounted on rubber-tired or track-type tractors, including the following types of equipment:

- **Mowers** with rotary heads or rotating drums mounted on rubber tired or track-type tractors (track hoe).
- **Feller Bunchers**, track-mounted machines that grab the trees, cut them at the base, remove branches, cut to length, and then move them to a desired location. The feller buncher could be used during the removal of C-Trees (large trees within the right-of-way) or Danger Trees off the right of way.

**Chemical Methods** - include spot treatment (stump or stubble treatment, basal treatment, and/or spot foliar), or localized treatments (including broadcast application and cut stubble treatments with Garlon 4 to ensure that the roots are killed preventing new sprouts and selectively eliminating vegetation that prevents access to the power lines. If we are unable to treat the stumps during the project, we will wait until the next growing season and do a localized foliar treatment. In areas where the trees are less than 6ft. tall and the density is light we may do a localized basal treatment.

#### **Critical Design Elements**

#### **Streams and Wetlands**

#### Buffer zones have been established for all aquatic resources as follows:

- For T&E streams a 400-foot (on each side of stream) no herbicide buffer.
- For non T&E streams and wetlands a 100-foot (on each side) no herbicide buffer.
- For other water resource buffers (springs, well and irrigation) see section 3.2
- On slopes less than 20% there will be no disturbance within 35ft. of the stream or wetland.
- On slopes greater than 20% there will be no disturbance within the identified buffer.

#### **Threatened and Endangered Species Areas:**

#### **Aquatic Species**

- For T&E fish streams a 400-foot (on each side of stream) no herbicide buffer.
- No mechanical treatments within the buffer except along access roads and around structures

#### **Spotted Owl**

- During the nesting season, from March 1 to July 1, no danger trees within ¼ mile of known northern spotted owl nest sites will be removed. If any owl nesting activity is found the NRS will contact the Regional Environmental Specialist and a determination will be made regarding formal consultation with the USFWS.
- Herbicides will not be used in spotted owl critical habitat

#### Marbled Murrelet

- During the core-breeding season of marbled murrelets, from April 1 August 5, activities that produce noise above ambient levels will not occur within ¼ mile of potential suitable habitat of the marbled murrelet.
- During the late breeding season, from August 6 September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.
- Herbicides will not be used in suitable marbled murrelet habitat

#### **Steep Slopes and Spanned Canyons**

- Do not use ground disturbing mechanical equipment on slopes over 20%.
- Perform mechanical clearing when the ground is dry enough to sustain heavy equipment.
- Areas with the potential for erosion may be re-seeded with low-growing vegetation or grasses if there is limited vegetation for re-establishment of the site.
- Any areas in the corridor with greater than 38.1 m (125 ft.) vertical distance between the ground surface and transmission lines will have selective tree removal. Individual trees that could encroach into the conductor danger zone will be identified and selected for removal in each management entry

#### Specific Measures to be implemented during the project:

- When chainsaws are used, conifers will be cut below the lowest live limb to eliminate continued growth of the lateral branches.
- Control all tree and brush species within about 30 ft. of transmission structures. Cut stumps are not to be taller than 2 4 inches.
- Pull all debris and slash out of the 30-ft. area around transmission structures.
- Access Road Clearing Requirements: (there are approximately 41 miles of machine and hand cutting)
- Control all vegetation except grasses, to enable safe driving.
- The access road is to be 14 to 25 ft. wide with a 15-ft.- high clearance. Limbs should not hang down into the access road.
- Cut stumps are not to be taller than 2-4 inches in the roadbed.
- Cut stumps horizontal to the ground to prevent personal injuries and tire puncture.
- Trim limbs back as flush to the trunk as possible when trees are rooted outside of the access road.
- Pull all debris back from the access road as prescribed. Cut stumps horizontal to the ground to prevent personal injuries and tire puncture.
- Areas may be re-seeded with low-growing vegetation or grasses if there is limited vegetation for re-establishment of the site.
- as flush to the trunk as possible when trees are rooted outside of the Areas where vegetation densities are high, or that have high densities of scotchbroom and /or blackberries will be moved using a track mounted moving head.

- All access roads and structure sites will also be moved and chemically treated off-National Forest Lands.
- Trim limbs back access road.
- Pull all debris back from the access road as prescribed

<u>Subsequent entries</u> – Follow-up/re-treatment, within the right-of-way, around structure sites, and along access roads, is planned within the next growing season. This will be done with herbicides in areas that were not treated due to adverse weather conditions, there was not a good kill, or that were not treated in the initial entry.

<u>Future cycles</u> – This area is being managed on a 3 to 5 year maintenance free cycle for brush and danger trees. During routine patrol, the right-of-way will be examined for tall growing trees on the right-of-way and danger trees (DT's) off the right-of-way. The overall vegetation management scheme will be to cut and treat all encumbering vegetation on the right-of-way using a combination of manual, mechanical and herbicide treatments as outlined in the project description every 3 to 5 years.

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

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

See Handbook —  $\underline{\text{Landowners/Managers/Uses}}$  for requirements, and  $\underline{\text{List of Landowners/Managers/Uses}}$  for a checkbox list.

Mt. Baker/Snoqualmie National Forest, City of Index Watershed, Washington State Parks, Washington Dept. of Natural Resources, and private landowners (rural residential, farms, grazing land).

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.

See Handbook — Methods for Notification and Requesting Information for requirements.

Letters or Personal contact by BPA and/or the Contractor along with door hangers will be used to notify the landowners. This will be done before and during the project. The Prescription/Cut Sheets will be modified as needed based on any input received during the project.

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.

See handbook — <u>Requirements and Guidance for Various Landowners/Uses</u> for requirements and guidance, also <u>Residential/Commercial</u>, <u>Agricultural</u>, <u>Tribal Reservations</u>, <u>FS-managed lands</u>, <u>BLM -managed lands</u>, <u>Other federal lands</u>, <u>State/ Local Lands</u>..

- Within all Forest Service lands and the City of Index watershed no herbicides will be used.
- Timing and treatments within the Wallas Falls State Park will be coordinated with the Park Ranger.

### 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

See handbook — Landowner Agreements for requirements.

Chief Joseph – Monroe No. 1 (See attached maps for locations)

Spa	an	Landowner/use	Specific measures to be applied
From	То		
105/3 + 150	105/3 + 230	Tree & Brush Agreement	Landowner will maintain
105/3 + 410	106/2 + 2167	Town of Index Watershed	No Spray Area
109/4 + 230	109/4 + 500	Tree & Brush Agreement	Landowner will maintain
110/6 + 320	110/6 + 630	Tree & Brush Agreement	Landowner will maintain
114/1 + 90	114/1 + 410	Tree & Brush Agreement	Landowner will maintain
116/4 + 590	116/5 + 80	Tree & Brush Agreement	Landowner will maintain
116/5 + 120	117/1 + 230	Tree & Brush Agreement	Landowner will maintain
120/6 + 00	120/6 + 200	Tree & Brush Agreement	Landowner will maintain
121/1 + 00	121/1 + 590	Tree & Brush Agreement	Landowner will maintain
121/1 + 980	121/1 + 1140	Tree & Brush Agreement	Landowner will maintain

## 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.

See handbook — Casual Informal Use of Right-of-way for requirements.

Day hikers use a portion of the right-of-way within Wallace Falls State Park, timing and treatments within the State Park will be coordinated with the Park Ranger.

# 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.

See handbook — Other Potentially Affected Publics for requirements and suggestions

The following tribes were sent letters: Colville, Yakima, Tulalip, Sauk Suiattle, Stillaguamish, and Swinomish.

#### 3. IDENTIFY NATURAL RESOURCES

See Handbook — <u>Natural Resources</u>

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.

See Handbook — Water Resources for requirements for working near water resources including buffer zones.

STC - Select tree cut (Trees < 75 feet tall will not be cut)

C, L & S – Cut Lop and Scatter

Chief Joseph – Monroe No. 1 (See attached maps for locations)

Sı	pan	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
80/4 + 2170	80/4 + 2680	Tunnel Creek	No	STC	None	N/A	FS - No Herbicide	
81/3 + 450	81/3 + 828	Unnamed Creek	No	STC	None	N/A	FS No Herbicide	
81/4 + 510	81/6 + 624	8 Unnamed Intermittent Creeks	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
81/7 + 180	81/7 + 380	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
82/1 + 20	82/1 + 700	Wetland & Unnamed Creeks	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
82/2 + 80	82/2 + 530	Wetland & Creeks	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
82/3 + 500	82/3 + 720	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
82/3 + 820	82/3 + 1030	Creek Unnamed	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
82/3 + 820	82/3 + 1030	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
82/4 + 380	82/4 + 617	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	FS & Private Lands
82/5 + 100	82/5 + 480	Unnamed Creeks	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	
82/7 + 930	82/7 + 1170	Unnamed Intermittent Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	

Sı	oan	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
83/1 + 00	83/1 + 400	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
83/1 + 500	83/1 + 730	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
83/2 + 340	83/2 + 1490	Surprise Creek	Yes	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish
83/3 + 320	83/3 + 520	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
83/4 + 280	83/4 + 480	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
84/1 + 40	84/1 + 1300	7 Unnamed Intermittent Creeks	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
84/3 + 90	84/3 + 490	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
84/4 + 380	84/4 + 700	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
84/5 + 200	84/5 + 400	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
84/6 + 440	85/1+ 00	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
85/1 + 280	85/2 + 180	2 Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS No Herbicide	
85/2 + 230	85/3 + 00	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
85/4 + 330	85/4 + 1100	Deception Creek	Yes	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish
85/5 + 680	85/5 + 890	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
85/6 + 250	85/6 + 450	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	

Sı	pan	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
85/6 + 830	85/6 + 1030	Intermittent Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
85/7 + 400	85/7 + 600	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
85/7 + 850	85/7 + 1050	Intermittent Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
86/2 + 400	86/2 + 630	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	Fs & Private Lands
86/3 + 120	86/3 + 440	Wetland	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
86/4 + 00	86/4 + 510	Wetland	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
86/4 + 740	86/4 + 1110	Unnamed Creeks	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
86/5 + 500	86/5 + 730	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
87/1 + 1120	87/1 + 1330	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
87/2 + 890	87/4 + 1030	Tye River	Yes	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish
88/1 + 730	88/2 + 60	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
88/2 + 430	88/3 + 460	Unnamed Creek & Wetlands	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
88/4 + 450	88/4 + 1240	Pond & Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
88/5 + 810	88/5 + 1170	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
89/1 + 100	89/1 + 860	Tye River	Yes	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish

Sı	pan	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
89/5 + 400	89/5 + 620	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
89/5 + 1000	89/5 + 1380	Wetland	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
89/6 + 390	89/6 + 990	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
89/6 + 1150	90/1 + 590	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
90/2 + 560	90/3 + 650	Unnamed Creek	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
90/4 + 410	90/4 + 1100	2 Unnamed Creeks	No	Cut, Lop & Scatter	None	N/A	FS - No Herbicide	
91/1 + 40	91/1 + 250	Unnamed Creeks	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
91/2 + 280	91/2 + 570	3 Unnamed Creeks	No	Cut, Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
91/3 + 210	91/3 + 900	3 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
91/4 + 00	91/4 + 850	Beckler River	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anadromous Fish – Private Lands
92/4 + 450	92/4 + 650	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
92/5 + 30	92/5 + 290	Wetland	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
93/4 + 00	93/4 + 400	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
93/5 + 130	93/5 + 340	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
94/1 + 300	94/1 + 640	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
94/1 + 890	94/1 + 1110	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
94/1 + 1310	94/1 + 1710	Wetland	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	

Sı	oan	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
94/2 + 150	94/2 + 620	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
94/4 + 260	94/4 + 550	4 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
94/4 + 690	94/4 + 1020	4 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
94/4 + 1120	94/4 + 1370	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
95/4 + 370	95/4 + 900	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
95/5 + 180	95/5 + 510	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
96/1 + 490	96/1 + 780	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
96/2 + 660	96/3 + 70	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
96/3 + 270	96/3 + 540	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
96/4 + 200	96/4 + 940	4 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
96/5 + 560	97/1 + 200	3 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
97/2 + 200	97/2 + 840	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS FS - No Herbicide	
97/3 + 750	97/3 + 960	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
98/1 + 60	98/1 + 260	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
98/4 + 840	98/4 + 1370	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
99/1 + 370	99/1 + 780	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
99/2 + 290	99/3 + 510	2 Unnamed Creeks & Wetland	No	Cut Lop & Scatter	None	See below	FS - No Herbicide	

Sr	oan	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
99/3 + 510	99/4 = 270	Unnamed Creek & Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
99/4 + 750	99/5 + 1170	Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
100/3 + 800	100/3 + 1030	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
100/5 + 220	100/5 + 550	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
100/5 + 680	101/1 + 450	South Fork Skykomish River	Yes	Cut Lop & Scatter	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish
101/2 + 40	101/2 + 930	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
102/1 + 190	102/1 + 400	Unnamed Creek	No	Select Tree Cut	None	N/A	FS - No Herbicide	
102/2 + 750	102/2 + 990	Unnamed Creek	No	Select Tree Cut	None	N/A	FS - No Herbicide	
102/3 + 310	102/3 + 600	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
102/4 + 250	102/4 + 540	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
102/4 + 720	102/4 + 930	Unnamed Creek	No	Select Tree Cut	None	N/A	FS - No Herbicide	
102/5 + 150	102/5 + 850	3 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
102/5 + 1100	102/5 + 1390	2 Unnamed Creeks	No	Select Tree Cut	None	N/A	100 ft. each side	State & Pvt. Lands
103/1 + 250	103/1 + 570	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
103/2 + 90	103/2 + 320	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
103/2 + 490	103/2 + 690	Unnamed Creek	No	Select Tree Cut	None	N/A	FS - No Herbicide	
103/3 + 90	103/3 + 500	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	

Sp	an	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	To	Type	Species?	Method	Product	Application Technique	Width (Feet)	
103/4 + 330	103/4 + 1110	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
104/1 + 460	104/1 + 660	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
104/1 + 750	104/1 + 1050	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
104/2 + 270	104/2 + 2540	South Fork Skykomish River	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anadromous Fish
104/3 + 1000	105/1 + 600	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
105/2 + 90	105/3 + 610	Skykomish River	Yes	Cut Lop & Scatter	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish
105/2 + 610	105/3 + 720	North Fork Skykomish River	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anadromous Fish
105/5 + 300	105/5 + 1170	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
106/2 + 750	106/2 + 980	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
107/1 + 670	107/1 + 880	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
107/2 + 190	107/2 + 400	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
107/5 + 90	107/5 + 810	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
107/6 + 440	107/6 + 770	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
108/1 + 240	108/1 + 440	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
108/1 + 690	108/1 + 890	Unnamed Creek	No	Select Tree Cut	None	N/A	100 ft. each side	State & Pvt. Lands
108/2 + 70	108/2 + 270	Unnamed Creek	No	Select Tree Cut	None	N/A	100 ft. each side	State & Pvt. Lands

Sp	an	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
109/3 + 450	109/5 + 170	East Fork May Creek	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anadromous Fish St & Pvt
110/5 + 420	110/5 + 670	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
110/6 + 420	110/6 + 1150	Wallace River	Yes	Cut Lop & Scatter	None	N/A	100 ft. each side	Bull Trout & Anadromous Fish St & Pvt
111/2 + 870	111/2 + 1120	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/2 + 00	112/2 + 400	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/3 + 50	112/3 + 280	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/3 + 420	112/3 + 630	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/4 + 460	112/4 + 755	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/5 + 770	112/5 + 980	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/6 + 115	112/6 + 320	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
112/6 + 880	112/6 + 1100	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
113/1 + 210	113/1 + 510	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
113/2 + 410	113/2 + 1560	Olney Creek	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anadromous Fish
113/3 + 630	113/3 + 950	Unnamed Creek	No	Select Tree Cut	None	N/A	100 ft. each side	State & Pvt. Lands
114/1 + 210	114/1 + 660	2 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands

Sp	an	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Type	Species?	Method	Product	Application Technique	Width (Feet)	
114/3 + 250	114/3 + 610	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
114/4 + 280	114/4 + 480	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
115/1 + 550	115/1 + 760	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
115/2 + 900	115/2 + 1110	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
115/3 + 610	115/3 + 820	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
115/4 + 860	15/4 + 1070	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
116/1 + 40	116/1 + 300	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
116/1 + 430	116/1 + 630	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
116/2 + 440	116/2 + 690	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
116/3 + 00	116/4 + 40	7 Unnamed Creeks, wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
116/4 + 290	116/4 + 720	2 Unnamed Creeks, wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
117/1 + 1220	117/1 + 1475	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	State & Pvt. Lands
117/2 + 540	117/2 + 1020	3 Unnamed Creeks, wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands
118/3 +450	118/3 + 830	Pond and Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands
118/3 + 1030	118/3 + 2171	Ponds, wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands

Sp	an	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Туре	Species?	Method	Product	Application Technique	Width (Feet)	
118/4 + 240	118/4 + 1250	Sultan Rive, wetland	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anatropous Fish, Pvt land
119/1 + 410	119/1 + 750	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands
119/2+ 500	119/2+ 1040	Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands
120/4 + 300	120/4 + 530	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands
120/6 + 160	120/6 + 420	Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. Lands
120/6 + 600	121/1 + 560	Wetland & Woods Creek	Yes	Cut Lop & Scatter	None	N/A	400 ft. each side	Bull Trout & Anadromous Fish, Pvt land
121/2 + 340	121/2 + 970	Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. & Fee Lands
121/2 + 1210	121/3 + 140	Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. & Fee Lands
121/3 + 930	121/4 + 240	Wetland	No	Cut Lop & Scatter	None	N/A	100 ft. each side	Pvt. & Fee Lands

Chief Joseph – Snohomish No. 3 & 4 (See attached maps for locations)

Sp	an	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Туре	Species?	Method	Product	Application Technique	Width (Feet)	
80/3 + 340	80/3 + 2830	5 Unnamed Creeks	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
100/3 + 125	100/3 + 1100	4 Unnamed Creeks	No	Select Tree Cut	None	N/A	FS - No Herbicide	
100/3 + 1430	100/3 + 1630	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
100/4 + 100	100/4 + 300	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
100/4 + 625	100/4 + 825	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	

Sp	an	Waterbody	T&E	Cut	Herbicide	Herbicide	Buffer	Other
From	То	Туре	Species?	Method	Product	Application Technique	Width (Feet)	
101/1 + 150	101/1 + 710	Barclay Creek	No	Select Tree Cut	None	N/A	FS - No Herbicide	
101/2 + 220	101/2 + 420	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
101/2 + 600	101/2 + 800	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
101/4 + 375	101/4 + 780	2 Unnamed Creeks	No	Select Tree Cut	None	N/A	FS - No Herbicide	
101/4 + 1460	101/4 + 1700	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
102/1 + 330	102/1 + 560	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
104/6 + 360	104/6 + 1160	Unnamed Creek	No	Cut Lop & Scatter	None	N/A	FS - No Herbicide	
104/8 + 00	104/8 + 1248	South Fork Skykomish River	Yes	Riparian T&E	None	N/A	FS - No Herbicide	Bull Trout & Anadromous Fish

## 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).

See Handbook — <u>Herbicide Use Near Irrigation</u>, <u>Wells or Springs</u> for buffers and herbicide restriction

Chief Joseph – Monroe No. 1 (See attached maps for locations)

Sp	an	Wells, Irrigation	Treatment Zone	Buffer
From	To	or Springs		
105/3 + 410	106/2 + 2167	Town of Index Watershed	Non Herbicide Area	Whole right-of-way as shown on the Plan & Profile
109/3 + 220	109/3 + 390	Well	Hand Cutting Methods only, no Herbicides allowed within buffer	100 ft. radius around well head
118/1 + 290	118/1 +440	Well	Hand Cutting Methods only, no Herbicides allowed within buffer	100 ft. radius around well head

# 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.

See Handbook — T&E Plant or Animal Species for requirements and determining presence.

Chief Joseph – Monroe No. 1 (See attached maps for locations)

Sı	oan	Threatened or Endangered	Method/mitigation measures		
To	From	Plant or Animal Species			
81/7 + 250	86/3	Marbled Murrelet	During the core-breeding season of marbled murrelets, from April 1 – August 5, activities that produce noise above ambient levels will not occur within ¼ mile of potential suitable habitat of the marbled murrelet. During the late breeding season, from August 6 – September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.		
83/2 + 340	83/2 + 1490	Anadromous Fish & Bull Trout – Tye River	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).		
84/2 + 100	98/1	Spotted Owl	During the nesting season, from March 1 to July 1, no danger trees within ¼ mile of known northern spotted owl nest sites will be removed. If any owl nesting activity is found the NRS will conduct formal consultation with the USFWS.		
96/4+600	98/1+1 200	Marbled Murrelet	During the core-breeding season of marbled murrelets, from April 1 – August 5, activities that produce noise above ambient levels will not occur within ¼ mile of potential suitable habitat of the marbled murrelet. During the late breeding season, from August 6 – September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.		

S	pan	Threatened or Endangered	Method/mitigation measures
To	From	Plant or Animal Species	
85/4 +	85/4 +	Anadromous Fish & Bull	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
330	1100	Trout – Deception Creek	
87/2 +	87/4 +	Anadromous Fish & Bull	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
890	1030	Trout – Tye River	
89/1 +	89/1 +	Anadromous Fish & Bull	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
100	860	Trout – Tye River	

Sı	pan	Threatened or Endangered	Method/mitigation measures		
To	From	Plant or Animal Species			
91/4 + 00	91/4 + 850	Anadromous Fish & Bull Trout – Beckler River	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).		
99/5+900	101/1+ 100	Marbled Murrelet	During the core-breeding season of marbled murrelets, from April 1 – August 5, activities that produce noise above ambient levels will not occur within ¼ mile of potential suitable habitat of the marbled murrelet. During the late breeding season, from August 6 – September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.		
100/5 + 680	101/1 + 450	Anadromous Fish & Bull Trout – South Fork Skykomish River	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).		
102/5+ 500	103/2+ 500	Marbled Murrelet	During the core-breeding season of marbled murrelets, from April 1 – August 5, activities that produce noise above ambient levels will not occur within ½ mile of potential suitable habitat of the marbled murrelet.  During the late breeding season, from August 6 – September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.		

Sı	oan	Threatened or Endangered	Method/mitigation measures
To	From	Plant or Animal Species	
104/2 + 270	104/2 + 2540	Anadromous Fish & Bull Trout – South Fork Skykomish River	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
105/2 + 90	105/3 + 720	Anadromous Fish & Bull Trout – Skykomish River	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
106/3+ 1000	111/1	Marbled Murrelet	During the core-breeding season of marbled murrelets, from April 1 – August 5, activities that produce noise above ambient levels will not occur within ¼ mile of potential suitable habitat of the marbled murrelet. During the late breeding season, from August 6 – September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.
109/3 + 450	109/5 + 170	Anadromous Fish & Bull Trout – East Fork Hay Creek	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).

Sı	oan	Threatened or Endangered	Method/mitigation measures
To	From	Plant or Animal Species	
110/6	110/6 +	Anadromous Fish & Bull	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
+ 420	1150	Trout – Wallace River	
112/2	113/4 + 450	Marbled Murrelet	During the core-breeding season of marbled murrelets, from April 1 – August 5, activities that produce noise above ambient levels will not occur within ¼ mile of potential suitable habitat of the marbled murrelet. During the late breeding season, from August 6 – September 15, activities utilizing motorized equipment within ¼ mile of marbled murrelet habitat will not occur within two hours after sunrise or within two hours before sunset.
113/2	113/2 +	Anadromous Fish & Bull	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
+ 410	1560	Trout – Olney Creek	
118/4	118/4 +	Anadromous Fish & Bull	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).
+ 240	1020	Trout – Sultan River	

Sı	pan	Threatened or Endangered	Method/mitigation measures
To	From	Plant or Animal Species	
120/6 + 600	121/1 + 560	Anadromous Fish & Bull Trout – Woods Creek	For T&E streams within a 400-foot buffer (on each side of the stream) <b>no herbicides</b> are to be used. No mechanical treatment within the buffer except along access roads and around structures. Exception may be made on slopes less than 20%, with high concentration of tall growing brush (tree) to reduce fuel loading. The primary objective is to maintain a low growing plant community including tall shrubs and low growing trees such as Vine Maple and Willow to provide shade along the stream. When cutting large CT's or DT's along the edges of the ROW, they will be evaluated for their potential as large woody debris (LWD).

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

See Handbook — <u>Protecting Other Species</u> for requirements.

None mapped. Also, any areas in the corridor with ground to conductor clearances greater than 38.1 m (125 ft.) vertical distance will be select tree cut. This will help provide shade for salmon and other fish.

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

See Handbook — <u>Visual Sensitive Areas</u> for requirements.

The project is located within the I-90 corridor, which has a variety of objectives: partial retention, scenic, general forest, late success ional reserve. All the methods identified in section 1.1 above are appropriate for controlling vegetation in visually sensitive areas.

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

See Handbook – <u>Cultural Resources</u> for requirements.

At this time, there are NO known Cultural Resources within the right-of-way. Letters have been sent to the following Tribes:

- Coville
- Sauk Suiattle
- Stillaguamish
- Swinimish
- Tulalip
- Yakima

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

See Handbook – <u>Steep/Unstable Slopes</u> for requirements. See attached maps for exact locations.

Chief Joseph – Monroe No. 1 (See attached maps for locations)

	pan	Describe sensitivity			
From	То				
80/1 + 190	80/3 + 380	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
80/3 + 1050	80/4 + 270	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
80/4 + 2770	81/2 + 340	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
81/3 + 00	81/3 + 290	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
81/3 + 720	81/6 + 624	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
82/3 + 00	87/1 + 440	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
88/4 + 1180	88/5 + 630	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
89/1 + 400	89/5 + 440	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
89/5 + 1240	91/3 + 870	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
91/3 + 1530	91/3 + 1570	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		
91/4 + 320	91/4 + 370	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.		

Sı	pan	<b>Describe sensitivity</b>	Method/mitigation measures
From	To		
91/4 + 1510	99/1 + 1549	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
100/1 + 00	100/5 + 350	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
101/2 + 815	101/2 + 1180	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
101/3 + 1050	107/2 + 340	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
107/3 + 00	108/3 + 450	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
110/5 + 430	110/6 + 1400	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
111/1 + 800	117/4 + 825	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
118/1 + 90	118/1 + 500	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
118/1 + 1140	118/1 + 1340	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
118/3 + 00	118/3 + 1170	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
118/4 + 130	119/1 + 950	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
119/2 + 850	119/2 + 1302	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.

Chief Joseph – Snohomish No. 3 & 4 (See attached maps for locations)

Sp	oan	<b>Describe sensitivity</b>	Method/mitigation measures
From	To		
80/3 + 00	80/3 + 340	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
80/3 + 3140	81/1 + 860	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
100/3 + 00	101/1 + 150	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
101/1 + 710	101/4 + 375	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.
101/4 + 780	104/8 + 1248	Steep slope	Slopes > 20 % No mechanical treatment on Right of Way. Garlon 4: Cut Stump or Basal, except within riparian buffer.

# 3.8 List areas of spanned canyons and the type of cutting needed. See Handbook – <u>Spanned Canyons</u> for requirements.

Chief Joseph – Monroe No. 1 (See attached maps for locations)

Span		Describe sensitivity	Method/mitigation measures
From	To		
80/3 + 380	80/3 + 1050	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.
80/4 + 270	80/4 + 2770	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.
81/3 + 290	81/3 + 720	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.
113/3 + 700	113/3 + 1115	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.

Chief Joseph – Snohomish No. 3 & 4 (See attached maps for locations)

Span		Describe sensitivity	Method/mitigation measures
From	To		
80/3 + 340	80/3 + 3140	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.
101/1 + 150	101/1 + 710	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.
101/4 + 375	101/4 + 780	Spanned Canyon	Select Tree Cut and/or top selected trees, and herbicides will not be used within these areas.

#### 4. DETERMINE VEGETATION CONTROL METHODS

See Handbook — Methods

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

See Handbook — Manual, Mechanical, Biological, and Herbicides for requirements for each of the methods.

**MANUAL:** Manual control methods include the following: cutting with shears, clippers, or chainsaws; and girdling by cutting a ring around the tree. When chainsaws are used cut conifers below the lowest live limb to eliminate continued growth of the lateral branches and cut all stumps flat where possible.

**MECHANICAL:** Mechanical methods include the use of brush mowers and feller bunchers. Ground-disturbing mechanical equipment will not be used on slopes over 20% or in riparian areas (Refer to 3.1). Work will be done when the ground is sufficiently dry enough to sustain heavy equipment and minimize excessive rutting.

**HERBICIDES:** The herbicide treatment prescribed for the project area is spot stump treatment, localized basal treatment and /or localized foliar treatments. If we are unable to treat the stumps during this project, they will be treated the next growing season using a localized foliar treatment. In areas where the tress are greater than 6 feet tall the trees will either be re-cut and stump treated or basal treated.

See the RIGHT-OF-WAY MAINTENANCE CONTROL PRESCRIPTION (cut sheet) for the location of the Control Methods along the ROW.

#### 5. DETERMINE DEBRIS DISPOSAL AND REVEGETATION

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

See Handbook — **Debris disposal** for a checkbox list and requirements.

**Mulching/Mowing** – This will be done on access roads and around structure sites.

**Lope and Scatter** – These areas are identified in the VEGETATION CONTROL PRESCRIPTION as Cut, Lope, and Scatter.

Some areas may require that the brush be chipped. These areas are identified in the VEGETATION CONTROL PRESCRIPTION as cut and treat as needed, and will depend on the requirements of the landowners.

5.2 List areas of reseeding or replanting (those areas not already described in steps 1, 2, or 3). See Handbook — Reseeding/replanting for requirements.

Not planned at this time. However, if soil disturbance occurs during the project the area will be reseeded.

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

Native seed will be considered in all mixes. Introduced species may be more competitive against invading tree species, noxious weeds, and protecting against erosion.

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

Not planned at this time. However, if reseeding is necessary it will take place in the fall just before the fall rains.

#### 6. DETERMINE MONITORING NEEDS

See handbook — Monitoring for requirements.

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

The project area will be inspected during treatment. In addition, it will be reviewed during routine patrols by the line crew and within one year by the NRS.

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

Will review during line patrol by the line crew and within one year by the NRS.

#### 7. PREPARE APPROPRIATE ENVIRONMENTAL DOCUMENTATION

See handbook — Prepare Appropriate Environmental Documentation for requirements.

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".

The Effects of this project are expected to be the same or less than those described in the Vegetation Management EIS.

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

Additional information may be required on Cultural Resources, and Forest Service Listed plant species which are not on the Endangered Species List.(ESL)