DOE F 1325.8 e Electronic Form Approved by CGIR - 01/20/95
(8-89)

United States Government **Department of Energy**

Bonneville Power Administration

memorandum

DATE: January 16, 2003

REPLY TO ATTN OF: KEP/CSB-2

SUBJECT: Supplement Analysis for the Transmission System Vegetation Management Program FEIS (DOE/EIS-0285/SA-117- (Ross Complex)

TO: Paul Martin
TFHV/CSB2

Proposed Action: Vegetation Management for the non-electric portions of the Bonneville Power Administration's Ross Complex

Location: The Ross Complex is located at 5411 NE Highway 99, Vancouver, Clark County, Washington in the BPA Olympia Region.

Proposed by: Bonneville Power Administration (BPA).

Description of the Proposal: BPA proposes to manage and maintain grounds and landscaping in the non-electrical portions of the Ross Facility. Vegetation management at the Facility shall include: 1) bare ground management of graveled storage areas, perimeter roads and parking areas; 2) mechanical and/or spot herbicide control of some broad leafs and noxious weeds; 3) mowing, fertilizing, and broadleaf control of landscaped lawn areas; 4) weed control in ornamental shrub areas; and 4) areas requiring only mechanical control to manage unwanted grasses, and shrubs.

Analysis: Please see the attached file, which contains a detailed checklist, drawings, aerial photographs, and topographic maps for the resources present and the mitigation measures to be applied.

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. Therefore, no further NEPA documentation is required.

/s/ Elaine Stratton
Elaine Stratton
Environmental Protection Specialist

CONCUR:*/s/ Thomas C. McKinney* DATE:01/24/2003
Thomas C. McKinney
NEPA Compliance Officer

Attachment

L. Croff – KEC-4
T. McKinney – KEC-4
M. Hermeston – KEP-4
J. Meyer – KEP-4
E. Stratton – KEP/Ross
J. Sharpe – KEPR-4
P. Key – LC-7
D. Hollen – TF/DOB-1
J. McGhee – TFH-OPP-3
D. Kraus – TFO/Olympia
S. Martin – TFO/Olympia
Environmental File – KEC
Official File – KEP-4 (EQ-14)

Estratton:es:4722:1/17/2003 (KEP-KEP/CSB-2-W:\EP\2002 & 2003 FILES\EQ\EQ-14\FEIS-0285-SA-117-Ross Complex.doc

ELECTRIC YARD AND NON-ELECTRIC FACILITY CHECKLIST

1. IDENTIFY FACILITY AND THE VEGETATION MANAGEMENT NEED

1.1 Describe facility: (More than one facility may be listed and analyzed.)

Substation/Facility Name	Size of Area To be Treated (Acres)	Nearest 1/4 Section Township/Range or GPS Coordinates	County	State
Ross Complex 5411 NE Hwy 99 Vancouver, WA Olympia Region	Approx. 250 acres	Latitude: 45 39 41.8 N Longitude: 122 39 29.2 W	Clark	WA

1.2 Describe vegetation needing management:

] Bare ground management
] Mechanical control and spot herbicide treatment of broadleaf and noxious weeds
] Landscaped lawn requiring fertilizer and broadleaf control
] Ornamental shrubs requiring weed control.

2. IDENTIFY SURROUNDING LAND USE AND LANDOWNERS/MANAGERS

2.1 List the types of landowners and land uses around your facility.

The Ross Complex is bounded to the west by Highway 99 and a lightly populated residential district; and to the north by Cold Creek and the Hazel Dell residential community; to the east by the Minnehaha residential community; and to the south by the Burnt Bridge Creek and a residential area.

2.2 Determine if there is a need to notify surrounding landowners of vegetation management activities. If so, why and how?

No notifications required
Two individuals in the Vancouver area are registered on the Department of Agriculture's list of pesticide sensitive individuals (case # 148 and case # 156). However, each resides greater than ½ mile from the Complex.

2.3 List any specific measures to be taken based on surrounding landowners/use.

NA

3. IDENTIFY NATURAL RESOURCES

3.1 Water Resources

List or describe any water resources (streams, rivers, lakes, wetlands, undeveloped springs, etc.) near the facility.
Cold Creek – North 100 feet
Burnt Bridge Creek – Southwest 2400 feet
Vancouver Lake – West 2 miles

Does the substation/facility drainage have a direct pathway to the water body?

Yes.
There are a total of 12 outfalls at the Complex. Six outfalls discharge into the Cold Creek drainage bordering the Complex. Cold Creek joins Burnt Bridge Creek, which ultimately flows, into Vancouver Lake. One outfall ties into a pipe carrying Burnt Bridge Creek west under highway 99. The remaining five outfalls flow into surface drainage systems and pooling areas.

What measures will you take to limit potential impacts to water resources? As appropriate, list any buffers that will be applied.

Apply 6-foot buffers around facility catch basins when using any herbicide having a ground/surface water advisory, or, if moderately,/highly/very highly toxic to any aquatic vertebrate or invertebrate. For other herbicides hand application techniques up to edge of the drainage feature.

3.2 Herbicide Use Near Irrigation Sources and Domestic and Public Drinking Water Supplies

List or describe any irrigation or domestic/public water source.

There are no Domestic or Public drinking water intakes on the Facility. However, there are approximately 20 active environmental monitoring wells located on the Complex. The City of Vancouver has designated all property within the City Boundary (all of the Ross Complex falls within the City boundary) as a Critical Aquifer Recharge Area. As such, the Complex is required by City Ordinance to ensure that no harmful substances are discharged to either a surface or groundwater source. In addition, the Complex is located just to the Northeast of Vancouver Municipal Water Supply Well Number 1. The Complex falls just outside the additional Special Protection Area of 1900 feet which applies to this well.

Does the substation/facility drainage have a pathway to the water supply?

No direct pathway

What measures will you take to limit potential impacts to irrigation and drinking water supplies? As appropriate, list any buffers that will be applied.

Due to the sensitivity of the Vancouver aquifer, herbicide free buffers will be applied around all groundwater monitoring and testing wells located on the Facility. A 164-foot radius will be used for any herbicide having a ground/surface water advisory and a 50-foot radius will be used for all other herbicides.

3.3 Threatened and Endangered Plant or Animal Species

Are there any T&E species in the area that could be affected? List if necessary.

No

What measures will you take to limit potential impacts to each T&E species? As appropriate, list any buffers that will be applied.

NA

3.4 Steep Slopes/ Unstable Slopes (Soils)

Will herbicide treatment be occurring on any steep slopes?

No

As appropriate, list any buffers, reseeding and/or ground disturbing restrictions that will be applied.

NA

3.5 Attach drawing showing location of all required buffers.

See attached Facility drawings for locations of surface water drainage features and groundwater wells around which buffers described above will be applied.

4. DETERMINE VEGETATION CONTROL METHODS

4.1 Describe overall vegetation management scheme and schedule:

Initial:
A licensed contractor or facility maintenance worker will be responsible for herbicide application within and around the Complex as detailed in the Ross Complex Herbicide SOW and Contract. The contract contains specific language to ensure that herbicide application is consistent with BPA's Transmission System Vegetation Management Program EIS.

Subsequent:
Re-application will be on an as-needed basis during any particular calendar year.

Future:
Herbicides will be applied on an as needed basis.

5. DETERMINE DEBRIS DISPOSAL AND REVEGETATION

5.1 Describe debris disposal and revegetation, if any.

Debris disposal will be by compost or mulching.

6. DETERMINE MONITORING NEEDS

6.1 Describe evaluation of BPA/contractor treatment practices to ensure vegetation management measures are working.

COTR will inspect work and evaluate for reapplications as necessary.

6.2 Is there a need to monitor adjacent areas for potential herbicide movement/contamination? If so, describe monitoring plan. *(Unless monitoring for other reasons, this section should be consistent with BPA*-systemwide herbicide monitoring plan not yet finalized.)

No

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".

NA

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

No