

# Categorical Exclusion Determination

Bonneville Power Administration

Department of Energy



**Proposed Action:** Longview Substation Sanitary Sewer Upgrade

**Project No. :** Land Use Review Request #20140595

**Project Manager:** Allen Bell, NWM-PSB-2

**Location:** Cowlitz County, Washington

**Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021):** B4.9 Multiple use of powerline rights-of-way

**Description of the Proposed Action:** BPA proposes to allow Millennium Bulk Terminals, Inc. (Millennium) to construct a two-inch high-density polyethylene (HDPE) sanitary sewer force main at BPA's Longview Substation, located in Cowlitz County, Washington. The purpose of the project is to connect BPA to the City of Longview sanitary sewer system. Millennium would install a new sanitary pump station in the southeastern corner of the substation property. Workers would excavate a hole approximately seven feet from the control house to install a pump chamber with a diameter of four feet, at a depth of six feet. Millennium would then install the two-inch pipe within the existing four-inch cast iron gravity sewer from the new pump station extending across the southern portion of the substation property. Excavation would be necessary in the southwestern corner of the substation property to construct a bend in the HDPE force main. The excavation would be three to five feet deep and four to six feet in diameter. From this point, the new force main would be installed by trenching northward for approximately 855 feet, at a depth of three feet, along the western portion of the substation property. From this point and extending west to BPA's property line, the new force main would be installed inside existing four-inch PVC conduit. Construction equipment would be staged in the parking lot and driveway. All work on BPA property would be within the previously disturbed substation footprint.

**Findings:** In accordance with Section 1021.410(b) of the Department of Energy's (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, Apr. 24, 1992, as amended at 61 FR 36221-36243, July 9, 1996; 61 FR 64608, Dec. 6, 1996, 76 FR 63764, Nov. 14, 2011), BPA has determined that the proposed action:

- (1) fits within a class of actions listed in Appendix B of 10 CFR 1021, Subpart D (see attached Environmental Checklist);
- (2) does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal; and
- (3) has not been segmented to meet the definition of a categorical exclusion.

Based on these determinations, BPA finds that the proposed action is categorically excluded from further NEPA review.

/s/ Hannah Sharp

Hannah Sharp  
Contract Environmental Protection Specialist  
CorSource Technology Group

Reviewed by:

/s/ Gene Lynard

Gene Lynard  
Supervisory Environmental Protection Specialist

Concur:

/s/ Katherine S. Pierce

Katherine S. Pierce  
NEPA Compliance Officer

Date: March 25, 2015

Attachment(s): Environmental Checklist

## Categorical Exclusion Environmental Checklist

This checklist documents environmental considerations for the proposed project and explains why the project would not have the potential to cause significant impacts on environmentally sensitive resources and would meet other integral elements of the applied categorical exclusion.

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### Project Site Description

The project site is located at BPA’s fee-owned Longview Substation, in the City of Longview, Cowlitz County, Washington. The site consists of a control house, transmission lines and towers, substation equipment, and parking areas. Most of the site is either paved or graveled. The small amount of vegetated area is previously disturbed and hosts transmission towers. The Columbia River is approximately 0.3 miles south of the project site. The surrounding landscape includes industrial development, residential areas, and isolated patches of vegetation.

### Evaluation of Potential Impacts to Environmental Resources

Environmental Resource Impacts	No Potential for Significance	No Potential for Significance, with Conditions
1. <b>Historic and Cultural Resources</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> WA SHPO concurrence on no adverse effect determination February 11, 2015. Cowlitz Tribe consulted—no response.		
2. <b>Geology and Soils</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> Minimal ground disturbance (approximately 855 feet of trenching on previously disturbed ground).		
3. <b>Plants</b> (including federal/state special-status species)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> All work on previously disturbed substation property; no federal or state special-status species present.		
4. <b>Wildlife</b> (including federal/state special-status species and habitats)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> All work on previously disturbed substation property; no federal or state special-status species or designated habitat present.		
5. <b>Water Bodies, Floodplains, and Fish</b> (including federal/state special-status species and ESUs)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> No potential to affect floodplains or water bodies. No in-water proposed for project.		

6. **Wetlands**

Explanation: None present.

7. **Groundwater and Aquifers**

Explanation: No new wells or use of ground water proposed; maximum depth of disturbance would be approximately six feet.

8. **Land Use and Specially Designated Areas**

Explanation: All work on fee-owned substation property.

9. **Visual Quality**

Explanation: No potential to affect visual quality.

10. **Air Quality**

Explanation: Small amount of dust and vehicle emissions due to construction.

11. **Noise**

Explanation: Temporary construction noise during daylight hours. Operational noise would not change.

12. **Human Health and Safety**

Explanation: No known soil contamination or hazardous conditions at project locations.

### **Evaluation of Other Integral Elements**

The proposed project would also meet conditions that are integral elements of the categorical exclusion. The project would not:

- Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders.

Explanation, if necessary:

- Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators) that are not otherwise categorically excluded.

Explanation, if necessary:

- Disturb hazardous substances, pollutants, contaminants, or CERCLA excluded petroleum and natural gas

products that preexist in the environment such that there would be uncontrolled or unpermitted releases.

Explanation, if necessary:

- Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.

Explanation, if necessary:

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### **Landowner Notification, Involvement, or Coordination**

Description: No notification. All work on BPA fee-owned property and no visual or other effects to adjacent landowners.

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Based on the foregoing, this proposed project does not have the potential to cause significant impacts on any environmentally sensitive resources.

Signed: /s/ Hannah Sharp  
Hannah Sharp  
Contract Environmental Protection Specialist  
CorSource Technology Group

Date: March 25, 2015