

Categorical Exclusion Determination

Bonneville Power Administration

Department of Energy



Proposed Action: NOAA Sockeye Salmon Captive Broodstock Program Routine Maintenance

Project No.: 2007-402-00

Project Manager: Jonathan McCloud, EWU-4

Location: Kitsap County, Washington

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B1.3 Routine Maintenance

Description of the Proposed Action: BPA proposes to provide funding to the National Oceanic and Atmospheric Administration (NOAA) to conduct general maintenance of facilities at the Manchester Research Station, located approximately one mile north of Manchester, Washington, and at the Burley Creek Hatchery, located approximately two miles north of the town of Burley, Washington. Manchester Research Station and Burley Creek Hatchery are facilities operated by NOAA's Northwest Fisheries Science Center and are part of the Snake River sockeye captive broodstock program, co-managed by the Idaho Department of Fish and Game and NOAA. BPA provides funding to the Snake River Sockeye Captive Broodstock Program as in partial fulfillment of its obligations under the Pacific Northwest Electric Power Planning and Conservation Act.

Activities would include maintaining grounds (moving grass, maintaining pavement, removing snow, etc.); providing routine equipment services involving installation and replacement of parts, maintaining wells, chillers, generators, disinfection equipment, alarms, pumps, plumbing, electrical equipment, rearing vessels, fish culture equipment, and changing light bulbs; and repairing pumps, generators, broken waterlines, etc.

Maintenance activities would also involve resurfacing a portion of the existing roadway that runs along the southern boundary of the Burley Creek Hatchery. The road is approximately 10 feet wide, and approximately 500 feet of roadway would be resurfaced. The preferred methodology would include leaving as much existing surface material in place as feasible, and laying new asphalt down on top of it. In some places, it may be necessary to remove some of the existing surface material, regrade that portion, and then resurface. Heavy equipment including dump trucks, a small asphalt paver, small roller, and small grader may be used. Access would be limited to existing roads, and all equipment would be staged in the existing parking area at the hatchery complex.

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/ Jenna Peterson

Jenna Peterson

Environmental Protection Specialist

Concur:

/s/ Sarah T. Biegel

Date: April 6, 2016

Sarah T. Biegel

NEPA Compliance Officer

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

Maintenance activities would take place at the Manchester Research Station, located approximately one mile north of Manchester, Washington, and at the Burley Creek Hatchery, located approximately two miles north of the town of Burley, Washington. Both facilities are owned and operated by the National Oceanic and Atmospheric Administration (NOAA), and are part of the BPA-funded Snake River Sockeye Salmon Captive Broodstock Program. Manchester Research Station is located on the banks of Clam Bay in Puget Sound and consists of a fish culture research facility that includes administrative buildings, a floating marine net-pen complex, semi-natural fish-rearing structures, and a quarantine facility. This is a mixed-use area that historically served as fortification to protect the Puget Sound Naval Shipyard, and later as a Navy fuel depot.

Burley Creek Hatchery is located adjacent to Burley Creek and is a fish culture research facility comprised of administrative and fish-rearing structures, five water wells, a concrete settling basin, and earthen drainage channel. The surrounding landscape consists of a mixture of undeveloped forested and riparian areas, pasture and agricultural lands, as well as single-family residential.

Evaluation of Potential Impacts to Environmental Resources

Environmental Resource Impacts	No Potential for Significance	No Potential for Significance, with Conditions
1. Historic and Cultural Resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> Facility maintenance activities would be limited to existing, non-historic structures. Washington Department of Archaeology and Historic Preservation concurrence on no effect determination for the road resurfacing activities on April 4, 2016. Suquamish Tribe of the Port Madison reservation, Muckleshoot Indian Tribe of the Muckleshoot Reservation, Puyallup Tribe of the Puyallup Reservation, and the Squaxin Island Tribe of the Squaxin Island Reservation consulted. Concurrence received from Squaxin Island Tribe on March 31, 2016..		
2. Geology and Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> Minimal soil disturbance, for road resurfacing activities appropriate erosion control measures would be used.		
3. Plants (including federal/state special-status species)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> All work would take place within existing hatchery facilities or on existing roadway; no plants present/disturbed.		
4. Wildlife (including federal/state special-status species and habitats)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> No special-status species are known to occur within the project area.		

5. **Water Bodies, Floodplains, and Fish**
(including federal/state special-status
species and ESUs)



Explanation: At the Burley Creek Hatchery facility, floodplains are limited to the easternmost portion of the property along the riparian corridor of Burley Creek. The FEMA Flood Insurance Rate Map (FIRM) Panel Number 460 of Kitsap County Map 53035C0460E (FEMA 2012) identifies the easternmost portion of the facility in the 100-year floodplain of Burley Creek. The road resurfacing project assumes a floodplain elevation of 133.75 feet mean lower low water based on FIRM mapping in the project area (Rolluda 2012). All flood waters have been limited to the riparian corridor of Burley Creek over the past 10 years and have not extended to upland areas consistent with the FIRM (Rolluda 2012). Typical erosion control BMPs would be implemented and no riparian habitat would be affected.

Maintenance activities at the Manchester Research Station would take place within the existing hatchery facilities. No floodplains present.

6. **Wetlands**



Explanation: With mitigation measures, project work would avoid on-site wetlands present at the Burley Creek Hatchery. All equipment involved in road resurfacing activities would be limited to existing roadbed and identified staging areas (existing parking lot), and typical erosion control BMPs would be implemented.

Maintenance activities at the Manchester Research Station would take place within the existing hatchery facilities. No wetlands present.

7. **Groundwater and Aquifers**



Explanation: No ground disturbance anticipated.

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



Explanation: All maintenance work would take place at existing hatchery facilities. At Burley Creek Hatchery, road resurfacing activities would be limited to the existing roadway and parking area.

9. **Visual Quality**



Explanation: Routine maintenance activities at existing facilities; at Burley Creek Hatchery road resurfacing would not appear noticeably different than previous road surface.

10. **Air Quality**



Explanation: Small amount of dust and vehicle emission would occur as part of road resurfacing at Burley Creek Hatchery.

11. **Noise**



Explanation: At Burley Creek Hatchery, temporary construction noise would occur during daylight hours. Operational noise would not change.

12. **Human Health and Safety**



Explanation: No areas of soil contamination or hazardous conditions are known within the project area.

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

Landowner Notification, Involvement, or Coordination

Description: Affected landowners will be notified by NOAA prior to Burley Creek Hatchery road resurfacing.

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

Signed: /s/ Jenna Peterson
Jenna Peterson

Date: April 6, 2016