

SEPA ENVIRONMENTAL CHECKLIST

JUNE 2015

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

Flaming Geyser State Park Beaver Creek Barrier Culvert Replacement and Restoration

2. Name of applicant: [\[help\]](#)

Deborah Petersen, Environmental Planner
Washington State Parks and Recreation Commission
360-902-8634

3. Address and phone number of applicant and contact person: [\[help\]](#)

Washington State Department of Parks and Recreation Commission
P.O. Box 42650
Olympia, WA 98504-2650

4. Date checklist prepared: [\[help\]](#)

4/5/2016

5. Agency requesting checklist: [\[help\]](#)

WDFW

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

June 16, 2016 – September 30, 2016

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

A Biological Assessment has been prepared for review by USFWS and NMFS.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [\[help\]](#)

No, there are not any applications pending governmental approvals of other proposals.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

An HPA and Corps permit will be required.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [\[help\]](#)

This project will abandon a current culvert location on Beaver Creek and reroute the stream back to its original alignment, installing a new bridge where the stream will connect to the Green River. A new 30' span bridge will

be installed downstream of the current crossing. The realignment of the stream will add 810 lineal feet of habitat and will make over 6 acres of rearing habitat accessible to coho, steelhead, sea run cutthroat and resident trout.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [\[help\]](#)

This project is located in Flaming Geyser State Park
237000 SE Flaming Geyser Rd
Auburn, WA 98092

From Highway 18 take exit to SE Auburn-Black Diamond Rd exit. Take SE Green Valley Road to 228th Pl SE/SE Flaming Geyser Road. Turn right into the Park. 23700 Southeast Flaming Geyser.

In King County. WRIA 9.

Abbreviated Legal Description: T21N R 06E S27
Tax parcel number 272106-9005

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth [\[help\]](#)

a. General description of the site: [\[help\]](#)

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

2%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [\[help\]](#)

Gravel, cobble, gravelly sandy loam, fine sandy loam, Seattle muck.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

No

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)

There are two wetlands that will have material removed and a stream mix substrate added:

Activity (fill, drain,	Wetland Name1	Wetland type and rating	Impact area (sq. ft. or
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excavate, flood, etc.)	category2	Acres)
Excavate	Wetland I	II, Palustrine forested 1,410 cy
Fill	Wetland I	II, Palustrine forested 741 cy
Excavate	Wetland J2	III, Palustrine forested 31 cy
Fill	Wetland J2	III, Palustrine forested 741 cy

The work done in these wetlands will result with the wetland being reconnected to Beaver Creek and the Green River. Minimal excavation and fill is necessary to connect the wetlands to each other and to Beaver Creek. In Wetland I 741 cubic yards of streambed material will be added to the wetland on the downstream end of the project area. Material will be added after excavation to hold the grade of the channel and prevent a head cut. 5 pieces of LWD will also be added to the channel. The total impact area of wetland I is 0.20 acres.

In Wetland J2 22 cubic yards of streambed material will be added to the wetland on the downstream end of the wetland. The streambed material will be added to the newly cut channel to connect the wetlands together. 15 cubic yards of native material excavated from the site will be used to construct a berm along the edge of Wetland J2. The purpose of the berm is to provide some road and utility line protection in the case of extreme high flows. The berm will then be planted with native material. The total impacted area of Wetland J2 is 0.02 acres. Streambed fill materials will be obtained from an approved local quarry. A streambed mix will be used for all stream work in the newly aligned channel.

1 Part 4" cobbles

2 Parts Streambed Sediment:

2 1/2" to 4" – 15%

1" to 2 1/2" – 35%

1/8" to 1" – 35%

< 1/8" – 15%

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

Yes, erosion could occur as a result of project ground breaking and excavation activities.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? [\[help\]](#)

None

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

Best Management Practices will be used. The project will limit the footprint of impact on the site. This work will be conducted within the approved work windows and in compliance with all permit regulations. Project elements will be sequenced in an order to have the least amount of impact. Work will be completed in a timely manner to ensure a minimal impact on any species present.

Landward erosion control methods shall be used to prevent silt-laden water from entering any waters. These may include but are not limited to, straw bales, filter fabric, pea gravel bags or other material. Immediate mulching and planting of exposed areas (seasonally appropriate) will be done to prevent effects from erosion. If high flow

conditions causing siltation are encountered during this project, work shall stop and best management practices installed until flow subsides.

2. Air [\[help\]](#)

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

Typical emissions will be generated from construction equipment. No source of emissions will be generated from the completed project.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

No off site sources of emissions or odors are expected to affect this proposal.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

None are proposed.

3. Water [\[help\]](#)

- a. Surface Water:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [\[help\]](#)

The proposed project will work on Beaver Creek at tributary to the Green River. Beaver Creek is composed of several large wetlands.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [\[help\]](#)

Yes, work will take place in Beaver Creek. Please refer to attached plans.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)

Please see 1.e. Fill material will come from a local quarry and will be approved by WDFW biologist and engineer.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

Yes, the entire project is within the 100-year floodplain.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. [\[help\]](#)

No

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

Groundwater will not be withdrawn from a well. No water will be discharged to groundwater

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. [\[help\]](#)

No waste materials will be discharged to the ground from septic tanks or any other source as a result of this project.

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [\[help\]](#)

Stormwater will infiltrate through natural ground surface before eventually returning to Beaver Creek.

- 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

Best Management Practices (BMPs) are used to prevent any source of waste materials from entering surface water. Fueling of machines will be done away from any source of surface water. Spill kits will be available on site. No source of waste material will come from the completed project.

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)

The historic channel of Beaver Creek will be reconnected to current Beaver Creek and the Green River. Beaver Creek will no longer run through a ditched channel entering the Green River. It will

now be connected to a wetland to the north before entering the Green River ~450 feet downstream.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)

Construction will happen between June 16, 2016 and September 30, 2016 when water levels will be the lowest. Best Management Practices will be used. The project will limit the footprint of impact on the site. Straw wattles and silt fences will be installed at the edge of construction.

Landward erosion control methods shall be used to prevent silt-laden water from entering any waters. These may include but are not limited to, straw bales, filter fabric, pea gravel bags or other material. Immediate mulching and planting of exposed areas (seasonally appropriate) will be done to prevent effects from erosion. If high flow conditions causing siltation are encountered during this project, work shall stop and best management practices installed until flow subsides.

Wastewater from project activities and water removed from within the work area, if any, shall be routed to an area landward of the ordinary high water line in an upland retention site to allow removal of fine sediment and other contaminants prior to being discharged into the unnamed creek. All waste materials such as construction debris, silt, and excess dirt resulting from this project will generally be deposited in an upland disposal site.

4. Plants [\[help\]](#)

a. Check the types of vegetation found on the site: [\[help\]](#)

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- Orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

b. What kind and amount of vegetation will be removed or altered? [\[help\]](#)

Understory brush and shrubs will be removed only where necessary for construction. Several small deciduous trees may need to be removed. Any vegetation that is removed will be cut off at ground level and no grubbed. Restoration plantings will be done at project conclusion. Invasive blackberry will be removed. See attached plans for planting plan detail.

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

No known threatened or endangered plant species on or near the site.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

Revegetation areas will help restore the area around the project. Plantings will be broken down into upper and lower bank plantings. Disturbed area planting will cover 13,800 square feet and there will be another 12,700 square feet of invasive management planting. Control seeding and shrub and small tree plantings will be done. Large woody debris will also be placed in the lower channel upstream of the bridge. Species to be planted include western red cedar, thimbleberry, nootka rose, big leaf maple, red alder, sword fern, salmonberry, and vine maple.

- e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)

Himalayan blackberry is located near the project area. An invasive management plan has been established to remove and replant the area with native species.

5. Animals [\[help\]](#)

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [\[help\]](#)

birds: hawk, heron, eagle, waterfowl, songbirds

mammals: deer, bear, beaver

fish: bass, salmon, trout

- b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

Species	ESU/Region/DPS	Federal Status	Critical Habitat?
Chinook <i>Oncorhynchus tshawytscha</i>	Puget Sound	Threatened	Yes
Steelhead trout <i>Onchorhynchus mykiss</i>	Puget Sound	Threatened	No
Bull Trout <i>Salvelinus confluentus</i>	Coastal- Puget Sound	Threatened	Yes
Canada lynx <i>Lynx Canadensis</i>	Western DPS	Threatened	No
Gray wolf <i>Canis lupus</i>	Contiguous United States DPS	Endangered	No
Grizzly bear <i>Ursus arctos horribilis</i>	North Cascades Recovery Zone DPS	Threatened	No
Marbled murrelet <i>Brachyramphus marmoratus</i>	Pacific Region	Threatened	Yes

Northern spotted owl <i>Strix occidentalis caurina</i>	Pacific Region	Threatened	Yes
Golden paintbrush <i>Castilleja levisecta</i>	Pacific Region	Threatened	No

c. Is the site part of a migration route? If so, explain. [\[help\]](#)

The site is considered part of the Pacific Flyway used by migratory birds.

d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

The proposed project will enhance wildlife by replacing a current blockage to fish upstream migration and will add additional length of 810 feet to Beaver Creek increasing fish habitat and improve wetlands. Invasive Himalayan blackberries will also be removed and planted with native plants improving the upland habitat as well.

e. List any invasive animal species known to be on or near the site. [\[help\]](#)

There are not any known invasive animal species on or near the site. Waders, boots and any other gear used will be inspected to avoid transferring aquatic invasive species. Felt soled boots will not be used to prevent the spread of invasive species.

6. Energy and Natural Resources [\[help\]](#)

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [\[help\]](#)

No source of energy will be used by the completed project.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)

This project will not affect any potential use of solar energy by adjacent properties.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [\[help\]](#)

No energy conservation features are included in the plans for this proposal.

7. Environmental Health [\[help\]](#)

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [\[help\]](#)

- 1) Describe any known or possible contamination at the site from present or past uses. [\[help\]](#)
No known sources of contamination at the site from past or present uses are known.
- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [\[help\]](#)
No known sources of existing toxic or hazardous chemicals will affect project development of design
- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [\[help\]](#)
No known sources of existing toxic or hazardous chemicals will be stored, used or produced during the project's development or construction or at any time during the operating life of the project.
- 4) Describe special emergency services that might be required. [\[help\]](#)
No emergency services are anticipated.

- 5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)
During construction a spill kit will be available on site if there is any fuel or other hazardous types of spills. No other measures are proposed to reduce or control environmental health hazards.

b. Noise [\[help\]](#)

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)

No sources of noise are typically present at this natural site.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [\[help\]](#)

No types of noise are anticipated from the completed project.

- 3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

No measures are proposed to control noise

8. Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The current site is a State Park open to public use. The proposed project will not affect the current land use or land use on nearby or adjacent properties.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [\[help\]](#)

The land has not been working farmlands or working forest lands anytime in recent history.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: [\[help\]](#)

The proposed project will not affect surrounding working farm or forest land.

- c. Describe any structures on the site. [\[help\]](#)

There are not any structures surrounding the site.

- d. Will any structures be demolished? If so, what? [\[help\]](#)

No structures will be demolished.

- e. What is the current zoning classification of the site? [\[help\]](#)

RA-10

- f. What is the current comprehensive plan designation of the site? [\[help\]](#)

The current comprehensive plan is Parks and Wilderness.

- g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

The current shoreline master program designation of the site is Conservancy.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

Yes, aquatic area and buffer.

- i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

None.

- j. Approximately how many people would the completed project displace? [\[help\]](#)

None.

- k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

N/A

- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

This proposal supports the WRIA 9 Salmon Habitat Plan by fully restoring stream functions, habitat and riparian. The channel will be placed back into its original alignment and reconnecting isolated wetlands to Beaver Creek and the Green River.

- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

No additional measures have been taken to ensure that this project is compatible with nearby agricultural and forest lands.

9. Housing [\[help\]](#)

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

No housing units will be provided.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

No housing units will be eliminated.

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

No housing units will be eliminated.

10. Aesthetics [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [\[help\]](#)

No structures will be built as part of this project.

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

No views will be altered or obstructed.

- b. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

No measures are proposed to reduce or control aesthetic impacts.

11. Light and Glare [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

No glare is anticipated.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

No safety hazards are anticipated.

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

No existing off-site sources of light or glare are anticipated that would affect this proposal.

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

No measures to reduce or control light and glare impacts are proposed.

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

The project is located in Flaming Geyser State Park. Inside the park there are opportunities for picnicking, hiking, interpretive walks, model-airplane flying, softball and other lawn games, and equestrian use.

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

No.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

N/A

13. Historic and cultural preservation [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [\[help\]](#)

No.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

[\[help\]](#)

An archaeological survey was performed in September 2015 to identify and evaluate cultural resources within the project APE. A report has been prepared for this project and sent to the Office of Archaeology and Historic Preservation. There were no cultural resources noted during this investigation.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

The project is subject to Section 106 of the National Historic Preservation Act because a federal permit is involved. Informal consultation with the Muckleshoot Tribe is occurring as part of the planning process, and representatives from the tribe have been part of the planning team. Formal consultation will be required under Section 106 (US Army Corps will be the lead federal agency). A determination of the probability for cultural resources to be located within the project area was performed based largely upon review and analysis of past environmental and cultural contexts and previous cultural resource studies and sites and tribal consultation. Research conducted for this assessment included review of environmental and cultural contexts from a variety of sources including the Washington State Department of Archaeology and Historic Preservation (DAHP), Washington Information System for Architectural and Archaeological Records Data (WISAARD), Bureau of Land Management's General Land Office (GLO) Survey Records database, History Link, Historic May Works, University of Washington's Digital Collection, and Washington State University's Early Washington Maps Collection. Consultation with interested tribes and field review will be initiated upon request from the Army Corps of Engineers.

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. [\[help\]](#)

A cultural review of the project has been done without any impact determined. In the event that the project encounters archaeological deposits or features, WDFW's Inadvertent Discovery Plan should be enacted. All work will stop and the State Park Archaeologist will be contacted immediately. Contractors and WDFW staff will be briefed on the plan prior to the project initiation.

14. Transportation [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

The project is in King County. Access to the site is gained by US HWY 18 take exit to SE Auburn-Black Diamond Rd exit. Take SE Green Valley Road to 228th Pl SE/SE Flaming Geyser Road. Turn right into the Park. 23700 Southeast Flaming Geyser.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

The site is currently not served by public transit. The closest public transit is off of HWY 18 at a park and ride.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

No parking spaces will be created or eliminated.

- c. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [\[help\]](#)

No improvements will be required to existing roads, streets, pedestrian, bicycle or state transportation facilities.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [\[help\]](#)

The proposed project will not use water, rail or air transportation.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [\[help\]](#)

No additional vehicle trips will be made because of the completion of this project.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. [\[help\]](#)

No interference with the movement of agricultural or forest products on roads or streets in the area is anticipated.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

No measures are proposed.

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

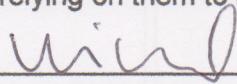
6. How would the proposal be likely to increase demands on transportation or public services and utilities?

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

C. Signature [\[help\]](#)

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Name of signee Melissa Erkel

Position and Agency/Organization Fish Passage and Screening Biologist/WDFW

Date Submitted: 4/13/2016

D. supplemental sheet for nonproject actions [\[help\]](#)

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.