

# SEPA ENVIRONMENTAL CHECKLIST

## **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**

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

**1. Name of proposed project, if applicable:**

Fallert Creek Intake Downstream Stabilization Project

**2. Name of applicant:**

P. Frank Stevick, Environmental Planner

**3. Address and phone number of applicant and contact person:**

P. Frank Stevick  
Capital and Asset Management Program  
Washington Department of Fish and Wildlife  
600 Capital Way N  
Olympia, WA 98501

frank.stevick@dfw.wa.gov

**4. Date checklist prepared:**

May 9, 2023

**5. Agency requesting checklist:**

Washington Department of Fish and Wildlife

**6. Proposed timing or schedule (including phasing, if applicable):**

Summer of 2024

**7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**

There are no future additions, expansions, or further activities related to or connected with this proposal.

**8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

The proposed project will require a mitigation plan and a wetland review of the area has been completed by WDFW.

**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.**

None that WDFW is aware of.

**10. List any government approvals or permits that will be needed for your proposal, if known.**

The following environmental permits will be required for the proposed project:

- U.S. Army Corps of Engineers permit
- 401 Water Quality Certification
- Hydraulic Project Permit
- County Shoreline Permit

**11. Give a 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.)**

During a flood on January 6th, 2022, approximately 100 linear feet of riverbank was eroded directly downstream of the Fallert Creek Hatchery intake structure on the east side of Fallert Creek (also referred to as Hatchery Creek). The eroded streambank is located next to the hatchery's intake access road, and further erosion would deem the road unusable which would adversely affect the hatchery's ability to operate the intake. To achieve the objectives of long-term erosion protection as well as creating fish habitat, WDFW proposes to use a combination of rip rap and anchored logs. The rip rap will provide long-term durability for the riverbank against future erosion, and the logs, which have root wads, will provide fish habitat. The full design consists of the following elements:

- Geotextile fabric to stabilize existing riverbank, placed underneath riprap.
- Appropriately sized and graded riprap placed with proper machine installation techniques. Slope of the finished bank will target a 50% grade, however some cross sections near the intake require a steeper grade, which will be closer to a 100% grade adjacent to the concrete wing of the intake structure.
- Large logs (approximately 15-30 feet long with root wads) will be placed, and anchored with large manta ray anchors and anchor piles. Three longer logs will be placed parallel to the bank at the toe of the slope, and three shorter logs will be placed perpendicular to the riverbank. Perpendicular logs will be anchored together using standard chain connections.
- Revegetate as possible above ordinary high water (OHW) line.

- Project impact area: Approximately 930 square feet of shoreline

**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.**

Address of Fallert Creek Hatchery: 1401 Kalama River Rd, Kalama WA 98625.

GPS Location Lat/Long: 46.04592/-122.80373

PLSS: S34 T7N R1W

Cowlitz County Parcel Number: WD3409001

## **B. Environmental Elements**

### **1. Earth**

#### **a. General description of the site:**

The project is located on the banks of small stream adjacent to an access road within a riparian area.

Circle or highlight one: **Flat**, rolling, hilly, steep slopes, mountainous, other:

#### **b. What is the steepest slope on the site (approximate percent slope)?**

According to the U.S. Department of Agriculture's (USDA) Natural Resources Conservation Services (NRCS) web database the mapped soil type for the area is Schneider-Rock outcrop complex with slopes ranging from 60 to 90 percent.

#### **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.**

According to the U.S. Department of Agriculture's (USDA) Natural Resources Conservation Services (NRCS) web database the mapped soil type for the area is Schneider-Rock outcrop complex with slopes ranging from 60 to 90 percent. No soils will be removed from the site.

#### **d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

There are no surface indications or history of unstable soils in the immediate vicinity of the project.

- 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.**

The project site will impact approximately 930 square feet of shoreline along the bank of Hatchery Creek (also reference as Fallert Creek) below the OHWM. No excavation or grading is anticipated for this project. WDFW is anticipating to bring in approximately 90 cubic yards of fill sourced locally from a licensed vendor if available.

- f. Could erosion occur because of clearing, construction, or use? If so, generally describe.**

The project is located on the bank of Hatchery Creek below OHWM (Also referred to as Fallert Creek) . The project has been designed to minimize erosion and to stabilize the shoreline. However, erosion from storm events and high flows from the creek could cause erosion of the newly construction and stabilized bank. Erosion from clearing, construction, and general use is not anticipated for this project. Best Management Practices (BMPs) will be put into place during the construction phase to prevent any potential erosion of the site.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

This is a bank stabilization project. There will be no changes in impervious surfaces at the project site. There is no impervious surfaces present within the project site.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.**

The proposed project will require an HPA permit. WDFW will conduct construction activities during periods of low water flows in the creek with the goal of completing construction activities in the dry to reduce environmental impacts and to minimize and reduce erosion at the site as site conditions allow. Appropriate BMPs will also be in use to reduce and control erosion a the site.

## 2. Air

- 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.**

This is a bank stabilization project. There will be no changes in emissions at the site once the project is complete. During construction BMP for air emissions will be in place, such as turning of off idling construction equipment when not in use.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

The project site is located within a forested urban area. There are no known off-site sources of emissions besides vehicles using Kalama River Rd to access the WDFW Fallert Creek hatchery.

**c. Proposed measures to reduce or control emissions or other impacts to air, if any.**

BMPs will be in use such as turning idling construction vehicles off when not in use. No other measures to reduce or control emissions or other impacts to the air are proposed by WDFW for this project

### **3. Water**

**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.**

The project is located on the bank of Hatchery Creek (also referred to as Fallert Creek). According to the Department of Natural Resources (DNR) Forest Practices Application Mapping Tool web database this stream is classified as a type F, a fish bearing stream. Hatchery Creek discharges into the Kalama River and the Kalama River discharges into the Columbia River. The Kalama and Columbia River are not located within the immediate vicinity of the project site.

- 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.**

The project is located on the bank of Hatchery Creek (also referred to as Fallert Creek). Work will be conducted below the OHWM within Hatchery Creek, within 200 feet of a water body. See attached plans for further details.

- 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.**

This is a bank stabilization project. Dredging at the project site will not occur. WDFW anticipates the use of approximately 90 cubic yards of fill below the OHWM of Hatchery Creek will be required.

- 4. Will the proposal require surface water withdrawals or diversions? Give a general description, purpose, and approximate quantities if known.**

This is a bank stabilization project surface water withdrawals or diversions will not be required for this project.

- 5. Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**

No, the project does not lie 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.**

This is a bank stabilization project. The discharge of waste materials to surface waters is not part of this proposal.

**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 a general description, purpose, and approximate quantities if known.**

This is a bank stabilization project. Groundwater will not be withdrawn for drinking water for this project or other purposes.

- 2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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.**

This is a bank stabilization project. The discharge of waste materials into the ground will not occur from septic tanks or other known sources. There are no septic tanks located within the project site and the project is located within a undeveloped forested area with very limited waste producing infrastructure.

**c. Water Runoff (including stormwater):**

- a) 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.**

The project is located within a small valley; runoff could occur from the nearby slopes of the valley and cross the gravel access road into Hatchery Creek. No methods of collection and disposal of runoff is proposed at this time. However, BMPs will be in use for runoff and the project will take place during the summer during periods of limited precipitation, reducing the potential occurrence of runoff at the project site.

- b) Could waste materials enter ground or surface waters? If so, generally describe.**

No waste materials could enter ground or surface waters as a result of this project.

- c) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.**

The proposed project will not alter or otherwise affect drainage patterns in the vicinity of the site.

**d) Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any.**

This is a bank stabilization project. Existing surface, ground, and runoff water and drainage patterns are expected to remain unaffected during the construction or as a result of this project. No mitigation measures are proposed as part of this project for these water resources.

#### 4. Plants

**a. Check the types of vegetation found on the site:**

- 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?**

No vegetation will be removed during construction or as a result of this project.

**c. List threatened and endangered species known to be on or near the site.**

U.S. Fish and Wildlife Service lists the following plant species as threatened or endangered for the vicinity of the project:

- Golden Paintbrush (*Castilleja levisecta*) - Threatened

**Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.**

The proposed project will include a mitigation plan to preserve and enhance vegetation at and in the vicinity of the project site. The mitigation plan is in progress.

**d. List all noxious weeds and invasive species known to be on or near the site.**

Knotweed is known to be present in the vicinity of the project site. The removal of knotweed will be part of the mitigation plan that is in progress.

## 5. Animals

- a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.

Examples include:

- Birds: hawk, heron, eagle, songbirds other:
- Mammals: deer, bear elk, beaver, other:
- Fish: bass, salmon, trout herring, shellfish, other:

- b. List any threatened and endangered species known to be on or near the site.

U.S. Fish and Wildlife Service, NOAA Fisheries, and the WDFW Priority Habitat and Species (PHS) database lists the following animal species as threatened or endangered for the vicinity of the project:

- Columbian White Tailed Deer (*Odocoileus virginianus leucurus*) - Threatened
- Marbled Murrelet (*Brachyramphus marmoratus*) - Threatened
- Streaked Horned Lark (*Eremophila alpestris strigata*) - Threatened
- Yellow-billed Cuckoo (*Coccyzus americanus*) - Threatened
- Monarch Butterfly (*Danaus plexippus*) - Candidate
- Northern Spotted Owl (*Strix occidentalis*) - Threatened
- Bull Trout (*Salvelinus confluentus*): a general listing for the lower 48 states by U.S. fish and Wildlife Service - Threatened

Water body specific listings:

- ESA listed fishes for Hatchery Creek:
  - Coho salmon (*Oncorhynchus Kisutch*): Lower Columbia River ESU - Threatened
  - Steelhead (*Oncorhynchus mykiss*): Lower Columbia River DPS - Threatened
- ESA listed fishes for the Kalama River:
  - Chinook salmon (*Oncorhynchus tshawytscha*): Lower Columbia River ESU - Threatened
  - Coho salmon (*Oncorhynchus Kisutch*): Lower Columbia River ESU - Threatened
  - Steelhead (*Oncorhynchus mykiss*): Lower Columbia River DPS - Threatened
  - Eulachon (*Thaleichthy pacificus*): Southern DPS - Threatened
  - Chum Salmon (*Oncorhynchus keta*): Columbia River ESU: Threatened
- ESA listed Fishes for the Columbia River at the mouth of the Kalama River:
  - Chum Salmon (*Oncorhynchus keta*): Columbia River ESU: Threatened
  - Chinook salmon (*Oncorhynchus tshawytscha*): Lower Columbia River ESU - Threatened
  - Chinook salmon (*Oncorhynchus tshawytscha*): Upper Columbia River Spring-run ESU - Endangered
  - Chinook salmon (*Oncorhynchus tshawytscha*): Upper Willamette River ESU – Threatened
  - Chinook salmon (*Oncorhynchus tshawytscha*): Snake River fall-run ESU - Threatened
  - Coho salmon (*Oncorhynchus Kisutch*): Lower Columbia River ESU - Threatened
  - Steelhead (*Oncorhynchus mykiss*): Middle Columbia River DPS - Threatened
  - Steelhead (*Oncorhynchus mykiss*): Snake River Basin DPS - Threatened
  - Steelhead (*Oncorhynchus mykiss*): Upper Columbia River DPS - Threatened

- Steelhead (*Oncorhynchus mykiss*): Upper Willamette River DPS – Threatened
- Steelhead (*Oncorhynchus mykiss*): Lower Columbia River DPS - Threatened
- Eulachon (*Thaleichthy pacificus*): Southern DPS - Threatened
- Sockeye Salmon (*Oncorhynchus nerka*): Snake River ESU - Endangered

**c. Is the site part of a migration route? If so, explain.**

Fish:

It is possible Hatchery Creek could be used for salmonid migration for spawning and outmigration of juveniles salmon. The Kalama River and its tributaries are used for salmonid migration for spawning and outmigration of juveniles salmon. The Columbia River is used as a migration route by many different species of fishes. These three water systems are connected and could be used collectively or individually by many different species of fishes.

Birds:

In general, the project site is part of the Pacific Flyway for migrating birds.

**d. Proposed measures to preserve or enhance wildlife, if any.**

This bank stabilization project includes the use of Large Woody Debris (LWD) to provide habitat for fishes in Hatchery Creek and the mitigation plan in progress will include the removal of invasive knotweed in the area.

**e. List any invasive animal species known to be on or near the site.**

The only known invasive species at or in the vicinity of the project site is knotweed, a plant.

## 6. Energy and Natural Resources

**1. 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.**

This is a bank stabilization project, when completed there will be no energy needs.

**2. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

This is a bank stabilization project in a forested area, it will not affect the potential use of solar energy of adjacent properties.

**3. 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.**

There are no energy conservation features include in this proposal.

## 7. Environmental Health

**a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur because of this proposal? If so, describe.**

This is a bank stabilization project. There are no known environmental health hazards that could occur as a result of this project.

**1. Describe any known or possible contamination at the site from present or past uses.**

There are no known sources or mapped concentrations of contaminants at the project site from current or past use.

**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.**

There are no known existing or mapped hazardous chemicals/conditions at the project site that might affect project development or 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.**

No toxic or hazardous chemicals will be stored, used, or produced during the projects development or construction or at any time during the operating life of the project.

**4. Describe special emergency services that might be required.**

No special emergency services will be required as a result or during the construction of this project.

**5. Proposed measures to reduce or control environmental health hazards, if any.**

Best Management Practices (BMP) will be in affect during the construction of this project. No specific measures to reduce or control environmental health hazardous are proposed for this project.

### **b. Noise**

**1. What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?**

This project is located in a forested area on a maintenance road, any potential natural or anthropogenic noises in the area are not antipated to affect the project.

- 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)?**

This is a bank stabilization project any potential noises during the construction of this project would come from the use of standard construction equipment such as dump trucks and excavators. Construction noises would be present during normal working hours, no night work is anticipated from this project. Noise levels prior to construction and as a result of this project will remain unchanged from current existing conditions.

- 3. Proposed measures to reduce or control noise impacts, if any.**

Best Management Practices (BMPs) will be in use during the construction of this project, such as the securing of running construction equipment when not in use. No other specific measures are proposed to reduce or control noise impacts for this project.

## **8. Land and Shoreline Use**

- 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.**

This is a bank stabilization project. The purpose of it is to preserve the access road adjacent to Hatchery Creek and to the hatchery water intake for Fallert Creek Hatchery located just upstream from the collapsed bank. The only infrastructure at the project site is the hatchery intake, the piping system for the intake and the access road. The adjacent properties are all forested parcels with no observable infrastructure on them. The proposed project will not change current use of the property or the 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 because 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?**

No the project site has not been used as working farmlands or working forest lands.

- 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?**

No the project site is not surrounded by a working forest or farmland.

- c. Describe any structures on the site.**

The only infrastructure at the project site is the hatchery intake, the piping system for the intake and the access road.

**d. Will any structures be demolished? If so, what?**

No structures will be demolished as a result of this project.

**e. What is the current zoning classification of the site?**

UZ

**f. What is the current comprehensive plan designation of the site?**

Rural

**g. If applicable, what is the current shoreline master program designation of the site?**

No designation found. Hatchery/Fallert Creek is not listed in the Cowlitz County Shoreline Master Program 2021 edition.

**h. Has any part of the site been classified as a critical area by the city or county? If so, specify.**

The project site is not classified as a critical area according to publicly available Cowlitz County resources.

**i. Approximately how many people would reside or work in the completed project?**

None

**j. Approximately how many people would the completed project displace?**

None

**k. Proposed measures to avoid or reduce displacement impacts, if any.**

None

**l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.**

The proposed project will not change the existing or future land uses, no measures to insure compatibility with existing gland use is proposed.

**m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any.**

This is a bank stabilization project. The project site and the adjacent properties are not working forests or farms. No measures are proposed to reduce impacts to working forests or farms.

## 9. Housing

- a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.**

This is a bank stabilization project. Housing will not be affected as a result of this project.

- b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

This is a bank stabilization project. Housing will not be affected as a result of this project.

- c. **Proposed measures to reduce or control housing impacts, if any.**

This is a bank stabilization project. Housing will not be affected as a result of this project. No mitigation measures are proposed.

## 10. Aesthetics

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

This is a bank stabilization project. The high of the stream bank (Hatchery Creek) that will be stabilized is approximately 5 feet in height. No additional structures are proposed for this project.

- b. **What views in the immediate vicinity would be altered or obstructed?**

Views at the project site will not be altered or obstructed as a result of this project.

- c. **Proposed measures to reduce or control aesthetic impacts, if any.**

No mitigation measures are proposed for aesthetic impacts of this project.

## 11. Light and Glare

- a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?**

This is a bank stabilization project, light and glare will not be affected by this project. The project site does not include lighting infrastructure and the proposed project does not include any lighting infrastructure.

- b. **Could light or glare from the finished project be a safety hazard or interfere with views?**

The project site does not include lighting infrastructure and the proposed project does not include any lighting infrastructure. The finished project will not be a safety hazard or interfere with current views.

**c. What existing off-site sources of light or glare may affect your proposal?**

Off site light sources will not affect the proposed project.

**d. Proposed measures to reduce or control light and glare impacts, if any.**

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

## **12. Recreation**

**a. What designated and informal recreational opportunities are in the immediate vicinity?**

Recreational activities at the project site are limited due to a user agreement between WDFW and Weyerhaeuser. Weyerhaeuser owns the parcel the project site is located on and access is, in general, limited to staff of WDFW. Thus limiting any designated and informal recreational opportunities to the project site.

**b. Would the proposed project displace any existing recreational uses? If so, describe.**

The proposed project would not displace any potential existing recreational uses from using the site.

**c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any.**

No mitigation measure are proposed to reduce or control impacts on recreation or recreation opportunities from the proposed project.

## **13. Historic and Cultural Preservation**

**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? If so, specifically describe.**

The Fallert Creek Hatchery bridge, constructed in 1943 is within 1-mile of the project area. The project will have no impact to the bridge. There are no previously recorded archaeological sites within 1-mile (1.6 km) of the undertaking.

**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.**

There are no previously recorded archaeological sites within 1-mile (1.6 km) of the undertaking. An historic property form was completed for the Fallert Creek Hatchery Bridge.

- 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.**

The project is FEMA funded and is under NHPA Section 106. Previous archaeological surveys, historic maps, and GIS data were examined.

- 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.**

Based on project description and location not being within previously identified sites, the project is likely to have a determination of No Historic Properties Effected.

## 14. Transportation

- 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.**

The project site is located on an access road that connects to Kamala River Rd at the Fallert Creek Hatchery entrance. Kalama River Rd connects to Interstate 5. See attached vicinity map for more details.

- 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?**

The site is not served by public transit.

- 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).**

The proposed project will not require and new or improvements to existing road infrastructure. This is a bank stabilization project.

- d. **Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

The proposed project will not require the use of any existing water, rail, or air transportation systems.

- e. **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?**

Vehicular traffic will remain unaffected by this project while under construction and once completed.

- f. **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.**

The proposed project will not interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area

- g. **Proposed measures to reduce or control transportation impacts, if any.**

No mitigation measures are proposed for this project to reduce or control transportation impacts.

## 15. Public Services

- a. **Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.**

The proposed project is a bank stabilization project. Public services will remain unaffected.

- b. **Proposed measures to reduce or control direct impacts on public services, if any.**

No mitigation measures are proposed for this project to reduce or control direct impacts on public services.

## 16. Utilities

- a. **Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:**

No services are available at the project site.

- 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.**

The proposed project does not include any utility work.

## C. Signature

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.

5/9/2023

X P. Frank Stevick

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Signed by: Stevick, Frank P (DFW)

**Type name of signee: P. Frank Stevick**

**Position and agency/organization: Environmental Planner at WDFW**

**Date submitted: 5/9/2023**