

# 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:*** [\[help\]](#)

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: [\[help\]](#)  
**Chief Joseph Wildlife Area – Access Road Repair**
2. Name of applicant: [\[help\]](#)  
**Washington Department of Fish and Wildlife (WDFW)**

3. Address and phone number of applicant and contact person: [\[help\]](#)  
**600 Capitol Way N, Olympia WA 98501; Anna Sample, WDFW Environmental Planner 3**  
360-790-0868

4. Date checklist prepared: [\[help\]](#)  
**8/5/2021**

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

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)  
**This project is anticipated to begin in the summer of 2022. In-water construction elements of the projects will be conducted during approved work windows included in state and federal agency approvals.**

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. [\[help\]](#)

- **Biological Assessment to support Endangered Species Act consultation with federal agencies**
- **Wetland Survey**
- **Cultural Resource Survey**

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. [\[help\]](#)  
**We are not aware of any other applications pending for government approvals.**

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

- **Asotin County Shoreline Approval**
- **Hydraulic Project Approval from WDFW**
- **U.S. Army Corps of Engineers Approval (Rivers and Harbors Section 10 and CWA 404)**
- **Washington Department of Ecology CWA 401 water quality certification form**

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

**WDFW proposes to create a long-term solution to an eroding bank of Joseph Creek, which**

threatens a single lane gravel access road to the WDFW Wildlife Area Headquarters Building and public access to the Chief Joseph Wildlife Area.

Using a bio-engineering approach, a design is proposed to provide erosion control to the Green Gulch access road running along Joseph Creek. The basis of the design comes from the living crib wall design from the USACE design manual. This proposal includes the installation of a wooden crib wall structure below the ordinary high-water mark (OHWM) to prevent further loss of the bank. This structure will be 50 ft long, 9 ft wide, and 9 ft in depth, protruding into the stream (120 SF of fill material below OHWM). The footprint of fill material above OHWM will be 161 SF. The crib wall structure will cut 62 CY of material below OHWM and will add 18 cubic yards CY of fill material below OHWM. Above OHWM, 8 CY will be excavated, and 48 CY of fill will be added. These quantities do not reflect woody material (logs/root wads) as fill, only the streambed cobble/soil mix material. The structure will be lined with a fine mesh, bio-degradable material (coconut husk fiber wrap) and back-filled with a cobble/soil. The fine mesh material will act to hold in fine soils. The crib wall structure will be planted with native willow stakes to provide additional stabilization (450 SF).

Four root wads (3 ft x 3 ft, 14"-18" DBH) will be incorporated into the crib wall structure within one layer of the crib wall lateral logs below OHWM. The root wads will be positioned perpendicular to the face of the crib wall to roughen the face, slowing the stream flow to create pools, provide refugia and collect and retain sediment and natural materials.

#### Fish Exclusion, Sediment Control

A sandbag coffer dam will be installed for the duration of work in water while excavating and installing the crib wall structure. This will exclude the creek bank location from fish as well as contain sediment. A CAMP Environmental Planner will be present on site during the installation of the coffer dam and will remove all fish from within the excluded area prior to any equipment working in water. This will require the use of seine nets, pushing fish downstream and out of the excluded area. This will occur at least three consecutive times and until no fish are visibly present within the excluded coffer dam.

#### Phase 1 – October 2019

An emergency, temporary bank support project was applied in October 2019. This temporary bank support consisted of an anchored series of logs at the base of the eroded bank. A jute mat wrap was applied to the rest of the bank and keyed into the top with sandbags lining the top. All work was completed above OHWM.

The existing logs will remain in place and only moved to install the crib wall. Some logs may be incorporated into the crib wall.

#### Wetlands

A wetland reconnaissance survey was completed in February 2021, in the project area and no wetlands were identified.

## Mitigation

The crib wall fill material will add 18 CY and 120 SF below OHWM. Adding root wads to the crib structure design will offset the impact of adding fill (dirt/rock) material below OHWM. Each root wad trunk will be 14"-18" DBH.

3 ft across x 3 ft beyond crib wall face = 9 SF per root wad x 4 root wads = 28 SF

The top of the structure will be planted with native willow stakes at 4 ft on center. This will be 450 SF mitigation to offset the fill material. This is 478 SF of mitigation (4:1). (450 SF + 28 SF = 478 SF)

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. [\[help\]](#)

46.029436, -117.015873

Chief Joseph Wildlife Area – Washington Department of Fish and Wildlife  
Joseph Creek Rd, Rogersburg WA  
Asotin County, T06N, R46E, S2

## **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)? [\[help\]](#)

**The steepest approximate slope in the work area is the eroding bank, which is 44% slope.**

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. [\[help\]](#)

**There are two main soil types within the Project area. The gravel road and creek bank are made up of gravel fill and sandy, cobbly soils. The creek bed area is very cobbly with little silt. The National Resource Conservation Service (NRCS) identifies the soils as Bridgewater extremely stony loam, 0-15% slopes. The NRCS Farmland classification is 'Not prime farmland'.**

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

**There are no indications or history of unstable soils within the Project area.**

- 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. [\[help\]](#)

**This structure will be 50 ft long, 9 ft wide, and 9 ft in depth, protruding into the stream (120 SF of fill material below OHWM). The footprint of fill material above OHWM will be 161 SF. The crib wall structure will cut 62 CY of material below OHWM and will add 18 cubic yards CY of fill material below OHWM. Above OHWM, 8 CY will be excavated, and 48 CY of fill will be added. These quantities do not reflect woody material (logs/root wads) as fill, only the streambed cobble/soil mix material.**

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

**Excavating the creek banks and adding fill could cause temporary erosion or sedimentation in the creek. Sediments from this activity will be contained with a sandbag coffer dam excluding the work area from fish and containing any sediment.**

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

**There will be no new impervious surface as a result of this project.**

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

**Construction activities will be conducted in accordance with a temporary erosion and sediment control plan. The Contractor will monitor conditions and ensure that these practices and preventive measures are undertaken. Any necessary BMPs needed to reduce risk of erosion, such as straw wattles or silt fence will be implemented.**

## **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. [\[help\]](#)

**No emissions to the air would result from this Project other than exhaust from equipment during construction.**

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

**We are not aware of any off-site sources of emissions or odors that would affect the site.**

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

**BMPs would be used to control temporary air pollutant emissions in the construction area. Those will consist of requiring proper maintenance of construction equipment, avoiding**

**prolonged idling of vehicles as well as use of standard emission control converters and mufflers by construction vehicles.**

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. [\[help\]](#)

**Joseph Creek (a tributary of the Grande Ronde River) is directly adjacent to the project site and is identified as a Shoreline of Statewide significance by WA Dept of Natural Resources.**

- 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. [\[help\]](#)

**The entire project will occur within 200 ft of the ordinary high-water mark (OHWM) of Joseph Creek. The installation of the log crib wall will occur partially (120 SF) in the water, below OHWM.**

- 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. [\[help\]](#)

**The crib wall structure will cut 62 CY of material below OHWM and will add 18 cubic yards CY of fill material below OHWM. Above OHWM, 8 CY will be excavated, and 48 CY of fill will be added. These quantities do not reflect woody material (logs/root wads) as fill, only the streambed cobble/soil mix material.**

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

**A sandbag coffer dam will be installed for the duration of work in water while excavating and installing the crib wall structure, approximately 100 ft long. This will exclude the creek bank location from fish as well as contain sediment. A CAMP Environmental Planner will be present on site during the installation of the coffer dam and will remove all fish from within the excluded area prior to any equipment working in water. This will require the use of seine nets, pushing fish downstream and out of the excluded area. This will occur at least three consecutive times and until no fish are visibly present within the excluded coffer dam.**

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

**Yes, this section of Joseph Creek is indicated as a flood hazard area by FEMA.**

- 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. [\[help\]](#)

**The proposed Project will not involve any discharges of waste materials to surface waters (Joseph Creek).**

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. [\[help\]](#)

**There will be no groundwater withdrawn from a well as part of the proposed Project.**

- 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. [\[help\]](#)

**There will be no waste material discharged into the ground from septic tanks or other sources as a part 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 be collected in a ditch along the existing gravel road and flow through the geotextile fabric underlayment of the existing erosion control logs placed in October, 2019.**

- 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)  
**Yes, storm water runoff could contain chemicals from vehicles or fine sediments that are not completely captured through infiltration of the ditch or geotextile fabric. During construction, temporary BMPs will be implemented to reduce erosion and runoff.**

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

**The proposed Project will include minimal grading and will not alter drainage patterns.**

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

**The proposed Project will reduce turbidity and increase water quality by reducing sedimentation caused by erosion from sloughing of the bank.**

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 (**Himalayan Blackberry**)

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 (**Sagebrush**)

b. What kind and amount of vegetation will be removed or altered? [\[help\]](#)  
**Himalayan blackberry will be removed from the bank in the location of the proposed crib wall to create a visible and uniform slope.**

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)  
**Spalding's Catchfly - *Silene spaldingii* (Threatened)**

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)  
**The crib wall fill material will add 18 CY and 120 SF below OHWM. Adding root wads to the crib structure design will offset the impact of adding fill (dirt/rock) material below OHWM. Each root wad trunk will be 14"-18" DBH.**

**3 ft across x 3 ft beyond crib wall face = 9 SF per root wad x 4 root wads = 28 SF**

**The top of the crib wall structure will be planted with native willow stakes at 4 ft on center. This will be 450 SF mitigation to offset the fill material. This is 478 SF of mitigation (4:1). (450 sf + 28 sf = 478 sf)**

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

**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. [\[help\]](#)

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. [\[help\]](#)  
**Yellow-billed Cuckoo (*Coccyzus americanus*) – Threatened**  
**Bull Trout (*Salvelinus confluentus*) – Threatened**  
**Steelhead Trout (*Oncorhynchus mykiss*) – Threatened**  
**Chinook Salmon (*Oncorhynchus tshawytscha*) - Threatened**

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



**Yes, the Snake River is designated critical habitat for steelhead and bull trout. Chinook salmon are identified as a Distinct Population Segment (DPS) in the Snake River Basin. Joseph Creek is a tributary to the Grande Ronde River, which flow unimpeded to the Snake River.**

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

**A fish exclusion will be installed prior to any work performed in the creek. This will be a sandbag coffer dam excluding the entire length of the work site. Fish will be removed by seining the area within the coffer dam and pushing fish out of the work area before work in water begins.**

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

**No invasive animal species are known to be on or near the site.**

## **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. [\[help\]](#)

**None are proposed.**

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

**The proposed Project will not affect any 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 measures are proposed or necessary.**

## **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. [\[help\]](#)

**There is possible risk of fuel or vehicle/machinery fluid spills or leaks due to the fact that construction machinery will be operating in the work area. The risk of a spill or leak is not likely and spill kits are available at the project site if a spill should occur. Fueling of vehicles and machinery is completed upland and away from the water body.**

1) Describe any known or possible contamination at the site from present or past uses. [\[help\]](#)

**No sources of contamination are known at this site.**

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. [\[help\]](#)

**We are not aware of any existing hazardous chemicals/conditions that would affect the Project development.**

- 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. [\[help\]](#)

**Typical construction of this Project will use gasoline or diesel-powered equipment and some hand tools. The finished project will not require any source of toxic or hazardous chemicals. Best Management Practices will be used during construction to protect any introduction of foreign substances to the construction area.**

- 4) Describe special emergency services that might be required. [\[help\]](#)  
**No special emergency services are anticipated.**

- 5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)

**Fueling of vehicles and machinery is completed upland and away from the water body to prevent any source of fuel from entering surface waters. A spill kit will be available on site in the event of an accidental spill.**

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

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

**The primary noise sources at the Project site are those resulting from rural traffic.**

- 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. [\[help\]](#)

**The Project will only generate noise from construction vehicles during construction.**

**Otherwise, the Project will not generate any long-term noise.**

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

**Short- term noise will be created from machines used during construction, limited to typical working hours of 7 a.m. to 5 p.m.**

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 site is currently used as a WDFW owned Wildlife Area which includes WDFW Staff buildings and agricultural fields as well as undeveloped land used for wildlife management and public recreation. The adjacent property is privately owned rural. The proposal will not affect current land uses by nearby 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? [\[help\]](#)

**No, the Project site has not been used as working farmlands or forestlands.**

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 proposal will not affect or be affected by the surrounding working farm or forest land.**

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

**The only structure on the site is a single lane gravel access road. This road allows WDFW Staff access to headquarters building approximately 550 ft south of the project 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? [\[help\]](#)

**The Project site is mapped as Agricultural under Asotin County Zoning.**

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

**The Project site is mapped as Agricultural under the Asotin County Comprehensive Plan.**

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

**The Project site is located on a shoreline of statewide significance.**

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

**The Asotin County VSP Map for Critical Areas shows the following critical area designations within the project area: Wetlands-Freshwater Forested/Shrub Wetland, Frequently Flooded Area, Geologically Hazardous Area**

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

**No people would reside or work at the completed Project.**

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

**The completed Project would not displace any people.**

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

**The proposed Project will not affect existing or projected land uses or plans.**

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

**The proposed Project will not affect existing or projected land uses or plans.**

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

**The proposed project will have no effect to agricultural or 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 is proposed by the Project.**

- 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: [\[help\]](#)

**None needed.**

## 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? [\[help\]](#)

**The tallest height of the proposed structures would be the log crib wall, which will measure no more than nine feet above OHWM. The structure will be keyed into the bank.**

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

**No views in the immediate vicinity would be altered or obstructed.**

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

**No measures are proposed or necessary.**

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

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

**This project will not produce any light or glare.**

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

**There will be no light or glare produced by this Project.**

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

**No existing off-site light or glare will affect the proposal.**

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

**No measures are proposed or needed.**

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

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

**The Project location exists on WDFW owned Chief Joseph Wildlife Area, which is used by the public for hunting, fishing, hiking and other recreational activities.**

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

**The propose Project will allow WDFW Staff and Public access to continue to exist along the gravel access road and onto the Wildlife Area.**

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

**No additional measures are proposed.**

### 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 ? If so, specifically describe. [\[help\]](#)

**Two previously reported archaeological sites reported in DAHP records as 45AS5 a cave site and 45AS303 a pre contact camp are within 1-mile (1.6 km) of the proposed project.**

**DAHP records indicate two prior negative cultural resource surveys in the project area, Baird 2012 and Sanderson 2010.**

- 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. [\[help\]](#)

**No built environment features within 1-mile (1.6 km) of project area.**

- 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. [\[help\]](#)

**Consultation with tribes and DAHP under Executive Order 05-05. Site visit, review of previous archaeological surveys.**

- 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. [\[help\]](#)

**Archaeological monitoring of ground disturbing activities during project implementation.**

### 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 site is accessed from Joseph Creek Rd.**

- 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 not served by public transit. There is no public transit within 20 miles of the Project site.**

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

**This Project proposal does not include any creation or demolition of any parking spaces.**

- d. 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). [\[help\]](#)

**This Project proposes to maintain the existing gravel access road by reducing further erosion to the creek bank located directly adjacent. This road provides public and WDFW staff access to the Wildlife Area.**

- 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 Project is located in/near Joseph Creek. Some small recreational boating (such as small drift boats or kayaks) may be affected by this proposal.**

- 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? [\[help\]](#)

**This Project proposes to maintain the existing access road to the WDFW owned Chief Joseph WLA headquarters building and continue to provide public recreational access. WDFW Staff vehicles are permitted to use this road. This project would only maintain the existing use of this road by WDFW Staff vehicles and public foot traffic. Use of this road is not expected to increase as a result 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. [\[help\]](#)

**The proposal will maintain access to the WLA Headquarters building and agricultural fields managed by WDFW.**

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

**This Project is proposed to maintain existing transportation to access the Chief Joseph WLA.**

#### 15. Public Services [\[help\]](#)

- 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. [\[help\]](#)

**The Project will not result in an increased need for public services.**

- b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

**No measures are needed or proposed.**

#### 16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site: [\[help\]](#)  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other \_\_\_\_\_

**None of these utilities are currently available at the 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. [\[help\]](#)

**No utilities will be needed for this project.**

### **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: Anna Sample

Name of signee Anna Sample

Position and Agency/Organization Environmental Planner 3/WDFW

Date Submitted: 8/5/21