



State of Washington
DEPARTMENT OF FISH AND WILDLIFE

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SEPA ENVIRONMENTAL CHECKLIST FOR WDFW CAMP PROJECTS

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.

Some of the answers below have been pre-filled (underlined text). **Please review them for accuracy and edit as needed for your proposal.**

A. Background [Find help answering background questions](#)

1. Name of proposed project:

Lick Creek Culvert Replacement

2. Name of applicant:

Alex Laughtin

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

Address: 600 Capitol Way N, Olympia, WA 98501

Phone number: 360-819-3776

4. Date checklist prepared:

March 13, 2024

5. Agency requesting checklist:

Washington Department of Fish and Wildlife

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

Summer 2024

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

No further expansion or work is proposed at this time.

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

None List: ESA consultation for this project was completed by the U.S. Forest Service (USFS) under the NOAA Fisheries programmatic consultation entitled *The Endangered Species Act Section 7 Formal Programmatic Conference and Biological Opinion and Magnuson-Stevens Fishery Conservation and Management Act Fish Habitat Consultation for Aquatic Restoration Activities in the States of Oregon and Washington* (ARBO II); and under the U.S. Fish and Wildlife Service (USFWS) under *The Endangered Species Act Section 7 Consultation Programmatic Biological Opinion for Aquatic Restoration Activities in the States of Oregon, Washington, and portions of California, Idaho, and Nevada* (ARBO II). Also, the USFS permitted this project with the U.S. Army Corps of Engineers (USACE) under permit NWS-2004-189: Regional General Permit (RGP) 8 which authorizes the discharge of dredged or fill material into waters of the U.S. for the construction and implementation of restoration activities designed to maintain, enhance, and restore watershed functions that affect aquatic species within or immediately adjacent to National Forest Units.

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.

No Yes, explain:

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

- A SEPA threshold determination.
- A WDFW Hydraulic Project Approval.
- A WDFW Fish Habitat Enhancement Exemption.
- A WA Dept. of Natural Resources Aquatic Use Authorization.
- A USACE Clean Water Act (CWA) Section 404 – discharges to navigable waters.
- A USACE CWA Section 10 – work in navigable waters.
- A WA Dept. of Ecology CWA Section 401 Water Quality Certification.
- Local Jurisdiction – County/city:
 - Shoreline Substantial Development permit.
 - Critical Areas Permit.
 - Other:
- Other permits:

- 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.**

The Washington Department of Fish and Wildlife (WDFW) proposes to realign National Forest Road 351 (NF-351) at the junction with NF-41/Lickfork Rd, replace two 36" culverts diverting Lick Creek under NF-351 with a pre-engineered bridge, and restore the creek's aquatic habitat. The project is located within the Asotin Wildlife Area which is owned and managed by WDFW. This project was designed in collaboration with the United States Forest Service (USFS) as part of the Aquatic Organism Passage Program to improve fish and other aquatic organism passage in Lick Creek.

- 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.**

Project address or location description: Junction of NF-351 and NF-41/Lickfork Rd on the WDFW Asotin Wildlife Area.

County: Asotin

Township, Range, and Section: T09N R43E Sec 13

GPS coordinates (optional): 46.259536° N, -117.359472° W

B. Environmental Elements

1. Earth [Find help answering earth questions](#)

- a. General description of the site:** The project site is located in a gulch between hilly terrain.

Check one: Flat, Rolling, Hilly, Steep slopes, Mountainous, Other:

- b. 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.**

Soils onsite consist of rocky, dry, well-drained soils typical of eastern Washington. Creek materials consist of cobbly silt loam to silty clay loam. The NRCS Web Soil Mapper identified three main soil types within the project area: Gwin-Rockly-Rock outcrop complex, 20 to 50 percent slopes, 32.8% of the AOI; Gwin-Klickson-Kettenbach complex, 60 to 90 percent slopes, 0.1% of the AOI; and Anatone-Getaway-Rock outcrop complex, 45 to 90 percent slopes, 67.1 %of the AOI.

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

No Yes, describe:

- d. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

Purpose	Type (fill, excavate, grade)	Cubic Yards (CY)	Total Area (sqft, acre)
Realign NF-351	Excavate – native material/road fill	712 CY	330 linear feet
Bridge Structure	Excavation	29 CY	
Structural Backfill	Fill	35 CY	
Rip Rap	Fill	10 CY	
Streambed material	Fill	6 CY	
Channel rock	Fill	40 CY	

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

No Yes, describe: Erosion could occur from removal of the culverts and placement of the bridge. Heavy construction equipment onsite has the potential to cause erosion as well.

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

Less than 1%.

g. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Construction activities will be conducted following a temporary erosion and sediment control plan. Appropriate BMPs such as silt fences and straw wattles will be placed along the limits of construction to control sediment erosion. The contractor will be responsible for establishing specific erosion and runoff BMPs per the plans, specs, and agency standards.

2. Air [Find help answering air questions](#)

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.

Construction of the proposed project will likely increase dust and vehicle emissions on-site during the construction phase. However, it would not result in any additional emissions once construction is complete.

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

No Yes, describe:

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

Equipment and construction will be limited to the amount necessary to complete the project. Appropriate BMPs will be implemented, as needed.

3. Water [Find help answering water questions](#)

a. Surface Water: [Find help answering surface water questions](#)

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.**

No Yes, describe: Lick Creek flows through the project area. Lick Creek is a tributary to North Fork Asotin Creek 4.5 miles downstream.

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.**

No Yes, describe: Two 36" culverts will be removed from Lick Creek and replaced with a pre-engineered bridge. The creek bed will be restored using rock and native material following removal of the culverts.

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.**

Approximately 29 CY will be excavated from the banks of Lick Creek to prepare the area for the bridge. Approximately 91 CY of fill will be used to backfill the bridge structure, riprap the banks, and restore the creek bed.

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

No Yes, describe: If water is flowing in Lick Creek at the time of construction the creek will be diverted using coffer dams and a bypass pipe. Any water pooled in the construction area will be pumped upland through a filter bag and allowed to flow overland back into the creek. Following construction, the diversion will be removed and the creek restored to its natural flow.

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

No Yes, describe:

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.**

No Yes, describe:

b. Ground Water: [Find help answering ground water questions](#)

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.**

No Yes, describe:

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.

No waste materials will be discharged into groundwater.

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.

Runoff will be conveyed through a drainage dip alongside the dirt forest road and discharged into Lick Creek. Any runoff will be filtered through rip rap before flowing into the creek.

2. Could waste materials enter ground or surface waters? If so, generally describe.

No Yes, describe: Waste materials, such as tire dust and other vehicle waste, have the potential to enter surface waters through stormwater runoff.

3. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No Yes, describe:

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

BMPs necessary to control runoff during construction will be installed. Following construction stormwater will be collected in a drainage dip and discharged over rip rap before entering the creek.

4. Plants [Find help answering plants questions](#)

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 or altered. The site is sparsely vegetated.

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

Species: Spalding's catchfly (*Silene spaldingii*)

Information obtained from: USFWS IPaC list (03/12/2024)

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

None. Yes, describe:

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

None known.

5. Animals [Find help answering animal questions](#)

a. Circle or 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 *animal* species known to be on or near the site.

Species: Yellow-billed Cuckoo (*Coccyzus americanus*) – Threatened

Bull Trout (*Salvelinus confluentus*) – Threatened

Monarch Butterfly (*Danaus plexippus*) – Candidate

Steelhead (*Oncorhynchus mykiss*) - Threatened

Information obtained from: USFWS IPaC list (03/12/2024), NOAA Fisheries Protected Resources App (03/12/2024).

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

No Yes, describe: Protected birds in the area under the Migratory Bird Treaty Act include Lewis's Woodpecker (*Melanerpes lewis*), Olive-sided Flycatcher (*Contopus cooperi*), and Rufous Hummingbird (*Selasphorus rufus*).

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

The project will enhance the aquatic habitat and provide fish passage by removing two 36" culverts, replacing it with a creek-spanning bridge, and restoring the creek bed.

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

No invasive animals are known to occur at this site.

6. Energy and Natural Resources [Find help answering energy and natural resource questions](#)

- 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.**

Machinery used in construction will require the use of fuel and/or diesel and may include construction equipment, generators, and temporary trailers. Post construction the project site will not require any energy.

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

No Yes, describe:

- 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.**

No energy conservation features are included for this proposal as no permanent energy sources will exist on site.

7. Environmental Health [Find help with answering environmental health questions](#)

- 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.**

No Yes, specify: Fuel spills or vehicle/machinery leaks are possible during construction. The risk of a spill or leak is not likely, but spill kits will be available on site if a spill should occur.

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

No known contaminants on site as of March 2024 according to the Dept. of Ecology's Water Quality Atlas tool.

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.**

No existing hazardous conditions have been identified.

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.**

Oil and fuel may be stored on site during construction for use in construction machinery. Post construction the project will not require the storage of any toxic or hazardous chemicals.

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

No special emergency services are anticipated. If needed, appropriate emergency services will be contacted.

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

Fueling of vehicles and machinery will be completed upland at least 50 feet away from any waters or wetlands 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

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

No existing noise will affect this 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)?**

Noise levels will be elevated short term during construction due to the use of heavy machinery and increase in traffic and large trucks entering and exiting the project site. Construction equipment is anticipated to run during normal working hours of operation (7 a.m. to 7 p.m., Monday through Friday). Long term noise levels are not expected to increase as a result of this project.

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

Noise from construction would be limited to typical working hours of 7 a.m. to 7 p.m.

8. Land and Shoreline Use [Find help answering land and shoreline use questions](#)

- 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.**

The site is located on a dirt forest road on the WDFW Asotin Wildlife Area. Surrounding properties are undeveloped and are either a part of the Wildlife Area or the Umatilla National Forest. The project will not change or affect current uses of the site 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 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 Yes, describe:

- 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 Yes, how:

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

Existing structures on site include dirt forest roads and the existing culverts in Lick Creek. No buildings or other structures are present on or near the project site.

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

No Yes, specify: The NF-351 road approach and existing culverts will be demolished for realignment and placement of the bridge across Lick Creek.

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

Recreation/Open Space

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

N/A

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

N/A. Lick Creek is not under the Shoreline Master Program jurisdiction.

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

No Yes, specify:

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.

No measures are proposed.

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

No measures are proposed.

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

No measures are proposed.

9. Housing [Find help answering housing questions](#)

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

N/A. No housing will be built.

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

N/A. No housing exists on site.

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

No measures are proposed.

10. Aesthetics [Find help answering aesthetics questions](#)

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

N/A. No buildings exist on site or will be built as part of this project.

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

No views in the immediate vicinity will be obstructed or altered as a result of this project.

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

No measures are proposed.

11. Light and Glare [Find help answering light and glare questions](#)

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

No light glare will result as a part of this project.

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

No Yes, specify:

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

There are no off-site sources of light or glare that could affect this project.

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

No measures are proposed.

12. Recreation [Find help answering recreation questions](#)

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

No designated recreational opportunities exist on site; however, the project is located on forest service roads on a state wildlife area that is open to the public.

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

No Yes, specify:

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

No measures are proposed.

13. Historic and Cultural Preservation [Find help answering historic and cultural preservation questions](#)

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.

No previously identified historic structures within project APE or within 1-mile of APE.

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.

One previously identified archaeological site within 1 mile of APE:

45AS458- an historic communication line with collapsed power poles and associated artifacts.

- 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.**

Two previously conducted cultural resource surveys within one mile of project area:

A Cultural Resources Report for the Sunrise Vegetation and Fuels Restoration Survey, Pomeroy Ranger District, Umatilla National Forest

Pomeroy East Planning Area II Cultural Resource Inventory Report

US Forest Service funded project, Tribal and DAHP consultation under NHPA Section 106 by USFS.

- 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.**

WDFW Inadvertent discovery plan will be in place.

14. Transportation [Find help with answering transportation questions](#)

- 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.**

Public roads serving the project location include forest service roads NF-41 and NF-351.

- 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?**

No Yes, specify: The project is located in a remote rural area on a wildlife area, no public transit exists near the site.

- 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).**

No Yes, specify: Dirt Forest Service road NF-351 will be realigned to match the bridge location.

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

No Yes, specify:

- 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?

No vehicular trips per day will be generated by the completed project.

- 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.

No Yes, specify:

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

No measures are proposed.

15. Public Services [Find help answering public service questions](#)

- 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.

No Yes, specify:

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

No measures are proposed.

16. Utilities [Find help answering utilities questions](#)

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

No utilities exist on 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.

No utilities are proposed as part of this project.

C. Signature [Find help about who should sign](#)

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.

X  _____

Typed/printed name of signee: Alex Laughtin

Position and agency/organization: WDFW

Date submitted: 3/19/2024

Individuals who need to receive this information in an alternative format, language, or who need reasonable accommodations to participate in WDFW-sponsored public meetings or other activities may contact the Title VI/ADA Compliance Coordinator by phone at 360-902-2349, TTY (711), or email (Title6@dfw.wa.gov).