

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

*Weatherly Wildlife Area Forest Thinning*

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

*Washington Dept of Fish and Wildlife*

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

Washington Dept of Fish and Wildlife  
Attn: Sara Ashiglar  
1049 Port Way  
Clarkston, WA 99403

509-552-0142

4. Date checklist prepared: [\[help\]](#)  
**2/12/2019**

5. Agency requesting checklist: [\[help\]](#)  
*WA Dept of Fish and Wildlife*

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)  
*May 15-Sept 30<sup>th</sup> 2020 and/or 2021*

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. [\[help\]](#)  
*- Cultural Resource surveys and report to be completed spring/summer 2019*  
*-USDA NRCS Custom Soil Resource Report and Weatherly Wildlife Area Forest Thinning Vicinity Soil Map: 12/31/2018*  
*-Washington Department of Fish and Wildlife Priority Habitat and Species Report*

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [\[help\]](#)  
*No*

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)  
*-WA State Forest Practices*  
*- SEPA*  
*- State and Washington State Executive Order 05-05 consultation requirements (cultural resource report to occur spring/summer 2019, cultural resource sites will be avoided)*

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.) [\[help\]](#)  
*Approximately 360 acres of ponderosa pine and dry mixed conifer stands between 4000 and 4600 feet elevation will be commercially thinned. Sawlogs and pulp will be removed and slash piled and burned at landings. Existing road will be brushed, graded or reconstructed as necessary to accomodate log trucks. Logging will be done with ground-based and/or skyline cable logging systems. No new roads would be*

permanently built, though a few temp short spurs across old agricultural fields may be constructed, and orphaned road footprints may be temporarily used. Mid seral stands will be thinned to 20-40 trees per acre or to a basal area of 40-120 feet squared per acre. Younger stands will be thinned to approximately 70 trees per acre. Ponderosa pine and larch will be preferred leave-tree species. Thinning will generally remove the smaller trees and leave the largest healthiest trees on site. Clumps of trees and gaps would be incorporated into stand structure where appropriate to diversity habitat structure. Snags and hardwoods will be left on site where operationally feasible. Prescribed fire and/or tree planting may follow up thinning treatment if conditions and funding allows. Approximately 125 acres would not be thinned at this time to provide undisturbed wildlife habitat during timber harvest and prescription fire. However these acres may be treated similarly in 5-10 years after the stands harvested in 2020 recover.

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. [\[help\]](#)

*The Weatherly Forest Thinning Project is located on the Weatherly Wildlife Area in Garfield county in Township 9N Range 42E Section1 and Township 9N Range 43E Sections 4, 5, 6 &7.*

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

50%

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. [\[help\]](#)

*The Weatherly thinning units are dominated by Larkin silt loams, Klicker-Rock outcrop complex, Getaway-Snell complex, and tolo silt loams. Some soils on slopes less than 25% slope are classified by the USDA Natural Resource Conservation Service as "Farmland of Statewide Importance".*

*There is no plan to remove any soils. Soil may be temporarily displaced by machinery on skid trails or road clearing. However skid trails would be waterbarred where needed after operations and major skids and landings would be seeded after operations. Root systems of existing trees, shrubs and grass would also prevent erosion.*

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

No.

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

N/A

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

*Minor erosion from skid trails and landings could result from log truck traffic. However, this threat is minimal given the gentle topography found on most of the site and the lack of new road building.*

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

None

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

- *Equipment will not be allowed on slopes in excess of 40% or within stream equipment limitation zones except as written and approved by the WDFW Contract Administrator*
- *Skid trails on steeper slopes will be water barred appropriately following skidding operations*
- *Exposed areas on landings and skid trails will be grass seeded with certified weed free seed*
- *Drain dips and/or water bars will be installed on steeper skids post-harvest*
- *Haul operations will be suspended immediately if any delivery of sediment to typed waters is a concern*
- *Some logging slash will be distributed on landings and skid trails. Additionally, landings and the upper portions of the major skid trails will be seeded with native plants to further stabilize soils.*

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

*The proposal will involve vehicle emissions from logging and hauling equipment. There should be no significant impact to air quality. Slash or prescribed burning will be conducted in accordance with provisions contained in the DNR slash burning permit as well as any smoke management, Department of Ecology and local fire district regulations.*

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

None

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)  
*DFW will follow all Department of Ecology air quality standards and get approved burn plans from the Department of Natural Resources.*

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

*There are several small ponds on the Weatherly Wildlife Area approximately ¼ acre or less in size within or near the forest thinning area. There is also a small developed spring on the north end of the property boundary called McGilva Spring. Seasonal water that flows into Dry Gulch eventually ends up in Asotin Creek approximately 10 miles east. Seasonal water also flows into Pow Wah Kee Gulch.*

- 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 ponds in the Weatherly forest thinning area would have harvest within 200 feet. Buffers of ponds, perennial streams and fish-bearing streams would follow Forest Practices Rules. Seasonal, non-fish-bearing creeks in both the Weatherly forest thinning area may be thinned, though equipment would not be allowed within 30 feet of streambanks without prior written approval by the Contract Administrator.*

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

*None*

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

*No*

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

*No*

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

*No*

b. Ground Water:

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

*No*

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

*N/A*

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. [\[help\]](#)

Spring runoff from snow melt and rainfall runoff could occur on the forest floor and landings. Water will be dispersed back into undisturbed forest areas for natural filtration in vegetation and soil.

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

*There is the remote chance that fuel or oil associated with equipment operations could be spilled and potentially enter ground or surface waters. The contractor will be required to have an approved spill kit in each piece of equipment to contain and clean up spills if they should occur. Fuel storage is only allowed in approved areas. The contractor is required to contact the WDFW Contract Administrator and the appropriate Department of Ecology Office immediately if a spill occurs.*

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

No

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

- *Limit equipment operations to slopes less than 40%*
- *Install water bars where appropriate on skid trails after skidding operations*
- *Minimize rutting of skid trails and remove those ruts at the completion of skidding operations*
- *Apply certified weed free grass seed on exposed cut banks associated with landing construction*

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

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

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

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

*Smaller trees will be removed and larger trees will be retained. Hardwoods would remain undisturbed if present..Preference would be for undiseased larch, ponderosa pine and large Douglas-fir. Trees will be left as individuals and clumps with gaps in between to provide structural diversity.*

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

*None are located within a 3/4 mile of the thinning areas. Federally threatened bull trout and steelhead are in nearby drainages.*

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

*None. The project is intended to encourage natural development of native, healthy, dry conifer forest vegetation.*

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

*Sulphur cinquefoil, ventenata.*

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

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

birds: hawks, songbirds, woodpeckers

mammals: cows, elk, white tailed and mule deer, bear, rodents

fish: none

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

*None are located within a 3/4 mile of the thinning areas. Federally threatened bull trout and steelhead are in nearby drainages.*

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

*The site can be winter range for wild ungulate species and this thinning project will improve the habitat for those species.*

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

- *Accelerate the development of open, old-growth conditions*
- *Accelerate growth of trees to create large, fire-resistant trees and snags*
- *Restore dominance of fire, insect and disease resistant tree species*
- *Protect snags and wildlife reserve trees where feasible from a safety standpoint (both to the operator and to the public)*
- *Maintain clumps of trees for areas of canopy connectivity*
- *Seed native grasses and forbs on landings and skid trails that may be browsed by big game*

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

*None*

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

*Gas/Diesel to run harvester and skidder*

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

*No*

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

None

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

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

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

[\[help\]](#)

None

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

None

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

None except minor amounts of fuel for logging equipment, trucks and slash burning

- 4) Describe special emergency services that might be required. [\[help\]](#)

None

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

*There could be fuel spills when refueling equipment or oil spills while performing equipment maintenance. There is always the risk of fire from equipment operation in the woods. However, equipment has spark arrestors to reduce the fire risk. Burning of slash piles, resulting in temporary smoke emissions, could occur after harvest operations are completed.*

*In the event of a fuel or oil spill, the contractor will be required to immediately contact the nearest office of the Washington State Department of Ecology and the WDFW Contract Administrator. In the event of a wildfire, the contractor will be required to immediately contact the Washington State Department of Natural Resources and the WDFW Contract Administrator.*

*The contractor will be required to have an emergency plan approved by the WDFW Contract Administrator prior to commencement of timber harvest activities. This will include:*

- Contact information for the nearest office of the Washington State Department of Ecology, Washington State Department of Natural Resources and the WDFW Contract Administrator*
- Inspection of equipment for spill kits*
- Having a fire trailer and necessary fire tools on site during the closed season as required by the Washington State Department of Natural Resources*



- *Requiring the contractor to keep up to date and in compliance with the latest Industrial Forest Precaution Level (IFPL) regulations during the closed fire season*

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

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

*Regular traffic noise from wildlife area vehicle 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. [\[help\]](#)

*During harvest activities there will be some noise associated with chainsaws, skidder, loader, and trucks. Typically this would occur during daylight hours only and when weather conditions allow. Heavy equipment noise may exceed 100 decibels.*

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

*Requiring equipment operators to maintain mufflers on equipment and wear appropriate ear protection.*

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 being used for wildlife habitat and recreational activities. Adjacent properties are managed as working forests (federal ownership) and ranchlands. The proposal will not affect adjacent sites except existing USDA Forest Service roads may be used for haul. If prescription burning is used, burn permits and smoke approval will be acquired.*

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

*The area has been logged and ranched since pioneer settlement. None of the project area's forests will be converted to other uses.*

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

*No*

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

*None.*

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

*No*

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

*Agricultural—Garfield County*

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

*Maintaining forest land with an emphasis on wildlife habitat and providing for recreational opportunities.*

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

*N/A*

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

*No*

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

*An estimated 5-10 people would temporarily work in the project area.*

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

*None*

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

*Not applicable.*

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

*The proposal is consistent with the Blue Mountains Wildlife Area Management Plan and WDFW Forest Management Plan. This proposal will reduce the threat of disease and insect outbreaks and the fire risk to WDFW headquarter structures. The long term goal is to restore the property to historic tree stocking levels and species composition.*

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

*Forest thinning will not affect long-term recreational or cultural uses of this property. Roads accessing units are currently behind closed gates. Areas with active logging will be signed as closed to unauthorized vehicles, foot, bike, and horse traffic while falling trees.*

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

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

*None*

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

*None*

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

*None*

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

*Not applicable*

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

*None*

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

*None*

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

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

*There could be headlight glare in the early morning or evening hours from headlights.*

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

*No*

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

*None*

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

*None*

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

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

*Hunting, hiking, fishing, biking, wildlife viewing, horseback riding.*

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

*There will be a temporary disruption to recreational use for the duration of the project due to tree falling, equipment use and log hauling. There will also be a temporary displacement when fuels are burned. Areas may be temporarily closed as needed to protect public safety.*

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

*Signs will be in place to notify recreational users of thinning and burning activities. On occasion, roads may be temporarily closed for safety reasons.*

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

*There are some historic sites in the Weatherly Forest Thinning Area. There are two deteriorating cabins and a site where a school used to exist. These sites will be buffered out of the harvest boundaries. Cultural*

surveys are planned 2019. If additional sites are found, they will be buffered out as no-equipment no impact areas.

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

*It is assumed there was seasonal tribal use of the project area. Cultural Resource surveys will be conducted under the direction of the WDFW archaeologist in 2019. If resources are found, they will be bound out of the project area and use of equipment will be prohibited in these areas.*

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

*The project will reviewed by the WDFW archaeologist. Context for project evaluation will be derived from a review of survey and site documents available on DAHP's WISAARD database and their predictive model and consultation with local tribes. If warranted, field studies, which may include subsurface testing, will conducted by professional archaeologists.*

*WDFW will consult, as appropriate with Colville and Nez Perce tribes to identify the potential for impacts to cultural resources.*

- 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. [\[help\]](#)  
*If the cultural resource survey and tribal consultations identify sensitive cultural resources, the project will be modified as needed to avoid impacts. The primary avoidance strategy will be to exclude sensitive sites from the project footprint. The project will operate under WDFW's Inadvertent Discovery Plan, which provides the project proponent with a detail series of steps to follow upon the unanticipated discovery of archaeological or cultural materials.*

#### 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. [\[help\]](#)  
*Fitzgerald Road and Iron Springs Road are part of the log haul route. These roads are all accustomed to summer truck traffic.*

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

*No*

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

*None*

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

No

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

No

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? [\[help\]](#)

*A few log trucks per day would go to and from the project area to haul logs to the local mills. This traffic would occur between May and September.*

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

No

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

None

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

No

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

None

#### 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

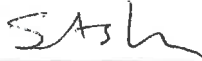
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

None

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

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

Signature: \_\_\_\_\_



Name of signee Sara Ashiqlar

Position and Agency/Organization Forester, WA Dept of Fish and Wildlife

Date Submitted: 2/13/2019 .....