

SEPA ENVIRONMENTAL CHECKLIST

JUNE 2015

Purpose of checklist:

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

Instructions for applicants:

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

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

Instructions for Lead Agencies:

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

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

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

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

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

Fence Replacement - Colockum Tarps Fire

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

Washington State Department of Fish and Wildlife

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

Washington Department of Fish and Wildlife
600 Capitol Way North
Olympia, WA 98501
Contact: Cindy Knudsen (360)902-8422
Cindy.knudsen@dfw.wa.gov

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

January 22, 2016

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

Washington State Department of Fish and Wildlife

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

Spring, 2016

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

No.

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

None.

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 pending governmental approvals of other proposals directly affecting the property or this fence line project is anticipated for this project.

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

An HPA will be required for this project.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this

page. (Lead agencies may modify this form to include additional specific information on project description.) [\[help\]](#)

This project will replace the existing burned wire fence for approximately 5 1/2 miles in the same alignment of the old fence near WDFW property boundary lines. The existing wire fence will be demolished. The project will construct a tensile wire fence 42" height, with steel posts spaced 30 feet apart. Posts will be drilled four feet in rocky areas that cannot be otherwise driven in. The steel posts and wire presently along the fence line will be removed from the site and taken to a local landfill or recycled.

Where the fence crosses creeks, an end brace will be constructed each side of the creek out of the ordinary high water line. There are some existing rockjacks along the fence line that will be dismantled. No new rockjacks will be constructed. Work will be done in dry conditions, no machines will enter the water.

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 northernmost location is accessed from Interstate 90: take Exit 115 towards Kittitas. Turn left onto S. Main Street. After 1.2 miles, turn right onto Patrick Avenue. After 4.1 miles, take the third left onto Number 81 Road (Number 81 Road is just past Clark Street). Turn right onto Brick Mill Road, go 2.1 miles. Portions are unpaved. Colockum Road is 0.7 miles past Cooke Canyon Road. Turn a sharp right onto Brewton Road (portions unpaved). Proceed 3.8 miles to the northernmost location of the fenceline.
Location: Kittitas County, T20N, R21E, S30(47.19447, -120.23877).*

*The southernmost location is accessed from Interstate 90 by taking Exit 115 toward Kittitas. Turn left onto S. Main Street. Turn Right onto Patrick Avenue. After 4.1 miles, take the third left onto Number 81 Road (Number 81 Road is just past Clark Street). After 2.1 miles turn right onto Brick Mill Road, go 2.1 miles. Portions are unpaved. Turn Left onto Colockum Road. Colockum Road is 0.7 miles past Cooke Canyon Road. Turn right onto Secret Canyon Road. Secret Canyon Road is just past Gage Road. Turn slight left onto Little Caribou Road (portions unpaved). Continet to destination. If you reach Colockum Road you have gone about 3.2 miles too far.
Location: Kittitas County, T20N, R21E, S31(47.1711, -120.23907).*

The fence will be constructed in several sections including several drop gates and 4 creek crossings. The creeks are all intermittent or seasonal streams. The fence sections will connect to existing cattleguards at some locations. Total length of all sections are approximately 5 1/2 miles long. Please refer to drawings for fencing route.

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

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

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

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

The range of the fence is within varied topography generally found in valley bottoms and between steep slopes, in arid dessert conditions.

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

The steepest slopes will vary from 30 - 75% throughout the project range.

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. [\[help\]](#)

Soil composition varies through the range of the fencing repair, related to slope. Below are representative types of soils at some selected areas found throughout the range of the project. These soils will not be removed from the site. During fence post installation if there are excavated materials, they will be replaced at the same location.

Lattitude	Longitude	Township	Range	Section	SOILS	slope
47.19447	-120.239	20N	21E	30	shinn very cobbly ashy loam	0 - 30%
47.1171	-120.239	20N	21E	31	shinn very cobbly ashy loam	0 - 30%
47.17733	-120.224	20N	21E	32	sapkin-Rubble land complex	30 - 75%
47.1743	-120.238	19N	21E	6	loneridge ashy loam, stony	25 - 45%
47.16151	-120.238	19N	21E	6	loneridge ashy loam, stony	0 - 25%
47.17255	-120.238	19N	21E	6	Jumpe stony ashy loam	45 - 65%
47.17029	-120.238	19N	21E	6	shinn very cobbly ashy loam	0 - 30%
47.12956	-120.24	19N	21E	19	Jumpe stony ashy loam	45 - 65%

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

There are some steep slopes along the fence line that could possibly have some unstable or rocky soil areas.

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. [\[help\]](#)

No fill is proposed for this project.

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

Work does not include areas of intensive ground disturbance. Work will be scheduled to occur during a time period when soils are not likely to be wet and easily damaged.

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

No impervious surfaces are proposed.

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

Motorized passenger vehicle access will be limited to existing roads, and ORVs may be used directly adjacent to the fence line on slopes less than 30 percent. Earthen areas disturbed or denuded by construction shall be protected from erosion by WDFW staff using appropriate BMPs. A locally adapted native seed mix shall be applied to disturbed earthen areas when planting conditions are favorable in the fall following construction.

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. [\[help\]](#)

There will be short term hand equipment exhaust (gas powered rock drill) and quad exhaust. Typical emissions will be from power equipment, pickup trucks at some locations, and or other machinery.

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

No.

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

No measures are proposed to control emissions to the air.

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

- a. Surface Water:

The fence will cross water in the following approximate locations:

- *Tarpiscan Creek 47.20462,-120.24646*
- *(Unnamed northern segment) drains to Tekison Creek 47.18451,-120.21768*
- *Tekison Creek 47.17379,-120.23842*
- *Tekison Creek 47.16521,-120.23810*

These streams all drain to the Columbia River.

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

Teckison Creek, and Tarpiscan Creek, and one unnamed stream segment draining into Tarpiscan Creek from the north are at the project locations. All flows are seasonal or intermittent flows that eventually reaches the Columbia River. There are no known wetlands along the fenceline. No wetlands are near the fence locations.

- 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 fence will cross over intermittent or seasonal creeks in four areas as described above. The in-line picket fence design is illustrated in the project drawings. In-line pickets allow debris to pass during high flows, and also create a barrier to prevent cattle from trespassing through creeks. No work will be done in water. Fencelines will be installed in dry conditions. No machines will enter the water.

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

No fill or dredge materials will be removed from surface water or wetlands.

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

The project will not require surface water withdrawals.

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

The proposal does not lie within a 100 year floodplain.

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

No discharges of waste materials will enter surface water. Refueling of construction equipment will be conducted off site, away from the project locations.

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 ground water will be withdrawn or discharged into ground water.

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

No waste material will be discharged into the ground.

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. [\[help\]](#)

Precipitation and snowmelt would be the only sources of runoff water that will follow typical drainage patterns. Stormwater runoff will eventually enter ground water, or the waters of the nearby creeks.

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

No. Refueling of construction equipment will be conducted off site, away from the project locations.

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

This fencing project does not alter or affect drainage patterns in the vicinity of the site.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage

pattern impacts, if any: [\[help\]](#)

No vehicle traffic will be allowed on steeply sloped portions of the project site, thereby limiting soil rutting that could channel water. Water drainage will continue to follow typical patterns. No additional measures are proposed.

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? [\[help\]](#)

Shrubs (most commonly sagebrush) and small trees less than 8 inches in diameter may have to be cleared 2 feet on each side of the fence line. A small amount of riparian vegetation may have to be cleared next to creeks with year round flow.

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

In Kittitas County, several plant species are listed as endangered or threatened. During January, 2016, a check of the DNR Natural Heritage web page indicates that there are no plant species known to be along the fence route.

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

Disturbance will be limited to areas immediately adjacent to the fence line. Grasses shall be planted in areas with disturbed soils after construction. No other measures are proposed.

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

No noxious weeds are known to be throughout the fenceline route.

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: *Flammulated owl, northern goshawk, white headed woodpecker could be found along sections of the fence line.*

mammals: deer, bear, elk, beaver, other: *The fence line is in the Colockum Mule Deer winter range and Colockum Elk Calving Area..*

fish: bass, salmon, trout, herring, shellfish, other Steelhead

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

Upper Columbia River Summer Steelhead are in Tekison Creek, and adjacent to the fence line in North Fork Brushy Creek and South Fork Brushy Creek, and possibly in some unnamed creek segments along the fence line.

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

Birds, elk, mule deer and possibly steelhead migrate through the creeks and mountainous areas along the fence route.

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

None.

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

None are known.

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.

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

There are no energy conservation plans proposed as part of this fencing replacement project.

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. [\[help\]](#)

No environmental health hazards are known along the fence route.

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

[\[help\]](#)

In the general vicinity there could be natural burned materials from a 2013 fire that destroyed fencing in this area. No other sources of contamination are known from present or past uses.

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. [\[help\]](#)

There are no known hazardous chemicals or on site conditions that could affect the development or design of this fence replacement project.

- 2) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [\[help\]](#)

No toxic or hazardous chemicals will be stored used or produced by this project, but gasoline and/or diesel fuel will be used during construction of this project by motorized equipment. Fueling will be conducted off site to avoid fuel spills. Typical emissions will occur from motorized equipment during construction. No toxic or hazardous chemicles will be required or produced by the repaired fence at project completion.

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

None.

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

Fueling will be done off site to avoid spills. A spill kit will be available on site during construction. No other measurres are proposed.

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

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

No noise in the area will affect this fence 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. [\[help\]](#)

There will be quad engine noise and rock drill noise (similar to a chainsaw) during construction during typical working daylight hours on a short term basis . No noise will emanate from the completed project.

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

None are proposed.

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. [\[help\]](#)

Adjacent properties are rural, with some rural residences and agricultural areas. There is habitat for wildlife and recreation area for birders, hunters and hikers.

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

This fence is at or near boundary areas for a WDFW wildlife area, where the fence line will provide protection for wildlife. No other uses are proposed.

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 aspects of this proposal are anticipated that will affect surrounding working farm or forest land normal business operations.

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

There are areas with an existing burned fence. No other structures are nearby.

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

The existing burned fence will be demolished. Any remaining wire and metal posts that will not be reused will be removed from the site and disposed of at an approved facility.

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

Forest and Range

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

Commercial Forest

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. [\[help\]](#)

Colockum Elk Calving Area is listed as a PHS site for along the fencing route.

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

No persons would reside at the completed fence project.

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

None.

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

No measures are proposed.

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

The proposal is necessary to manage range cattle trespassing onto WDFW property. This proposal is consistent with WDFW Wildlife Area Management Plan and WDFW's mandates.

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

The proposal is necessary to prevent range cattle from DNR property where they have grazing leases to WDFW property that is managed for fish and wildlife. This proposal is consistent with WDFW Wildlife Area Management Plan and WDFW's mandates.

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? [\[help\]](#)

No structures are proposed.

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

No views would be obstructed.

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

None.

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, fishing, dog walking, and birdwatching are all popular.

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

No.

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

None.

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

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

A review of the database maintained by the Washington State Department of Archaeology and Historic Preservation (DAHP) on (1/22/ 2016) revealed no recorded archaeological sites or historic structures within the project boundary. The project involves replacement of existing fenceline within the footprint of the previous fence.

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. [\[help\]](#)

The new fenceline is in areas of previously disturbed soil materials. Disturbance of cultural resources is unlikely. A WDFW inadvertent discovery plan will be in place so that if any cultural resources are

identified during construction, construction activities will stop and the inadvertent discovery plan will be followed.

- 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 was reviewed by the WDFW archaeologist, who conducted an assessment of the likelihood that the project would encounter archaeological resources. The assessment was based on archival review, an understanding of local expressions of precontact and historic era settlement patterns and a consideration of the scope and nature of the proposed project. As the project anticipates only incidental of low volume disturbance and will take place within the demonstrated vertical and horizontal limits of previous construction or disturbance, the likelihood that the project would disturb archaeological materials is extremely low.

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

The project was reviewed by the WDFW archaeologist, who conducted an assessment of the likelihood that the project would encounter archaeological resources. The assessment was based on archival review, an understanding of local expressions of precontact and historic era settlement patterns and a consideration of the scope and nature of the proposed project. As the project anticipates only incidental of low volume disturbance and will take place within the demonstrated vertical and horizontal limits of previous construction or disturbance, the likelihood that the project would encounter archaeological materials is extremely low.

In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity will stop, the area will be secured, and the concerned tribe's cultural staff and cultural committee and the Department of Archaeology and Historic Preservation will be contacted, in accordance with WDFW inadvertent discovery plan.

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. [\[help\]](#)

Portions of Colockum Road, Little Carabou Road, and Brenton Road provide access on either end of the fence line. Fences are mostly accessed by unpaved roads.

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

None are required.

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

None.

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

No utilities are proposed.

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: Cynthia Knudsen
Name of signee Cynthia Knudsen
Position and Agency/Organization WDFW BIOLOGIST
Date Submitted: 2/1/16

