

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: [\[help\]](#)

Lake Leland Access Redevelopment

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

Washington Department of Fish and Wildlife (WDFW)

3. Address and phone number of applicant and contact person: [\[help\]](#)
600 Capitol Way N, Olympia WA 98501; Anna Sample, WDFW Biologist (360) 902-8429

4. Date checklist prepared: [\[help\]](#)
12/27/18

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

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)
Project is planned to begin summer/fall of 2019.

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 are known at this time.

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. [\[help\]](#)
None are known.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)
Anticipated permits include SEPA Checklist, WDFW Hydraulic Approval, Jefferson County Shoreline and Critical Areas, ACOE Section 404, WDFW Internal Cultural Review

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

Lake Leland WDFW owned and managed public fishing access is an established site operated in conjunction with Jefferson County Parks and Recreation. This 3.58 Acre site is open year round and is currently the sole public access to this popular lake. Construction is planned for late Summer 2019. Scope of work is as follows:

- **Replace existing obsolete vault toilet with new CXT pre-fabricated “Gunnison” model ADA accessible vault toilet. Proposed replacement toilet will be installed in approximately the same footprint and at the same grade as existing. To facilitate ADA access, the new toilet (parking area) will be re-graded slightly to accommodate an ADA sidewalk leading to the door of the new toilet room.**

- **Install new low barrier, low gradient gravel walking path to shore fishing area. New path will follow approximately the same course as existing dirt walking path. Existing path is currently non-planned, but exists through years of constant use by pedestrians. Current proposal is to formalize and make permanent, the makeshift trail, by removing two (2) existing and non-used pre-fabricated concrete fire rings (currently located in the trail) slightly widening and adding a top course of fine crushed rock.**
- **Install ADA accessible fishing platform below OHWM. New platform will be constructed of precast concrete ecology blocks with asphalt pavement deck. Platform footing will be installed below grade using tracked excavator to dig the structure in. Top surface elevation will be approximately 18" above ordinary high water. Top surface will be tilted approximately 1 degree toward the boat ramp to shed rain runoff into proposed mitigation planting area.**
- **Install ADA accessible parking and walkway leading to proposed fishing pier. Proposed parking and walkway will be paved in asphalt.**
- **Install 8' x 40' fishing float, anchored with four (4) piles. Fishing float will be accessed via 60' x 4' pre-fab aluminum gangway. Gangway will be anchored between the float and the parking lot. Piles will be of steel pipe and hydraulically driven in with mechanical means. Gangway will have a composite or fiberglass open-space grating surface that complies with ADA requirements but allows penetration of light through the surface of decking to surface of lake. Float will have a combination of ADA open-space grating and composite decking. Composite decking of float will be situated over floatation pontoons and open-space grating will be situated over the non-pontoon portions of the float.**
- **Replace existing concrete gangway abutment with new concrete abutment. Existing concrete anchor abutment for the gangway will be removed and replaced in existing location. New abutment will be pre-fabricated of concrete off site to align with new gangway design and imported to the site. Approximate dimensions of new abutment are 6' wide x 5' long x 2' deep.**
- **Install / place two (2) (approx. 72" x 72") ADA accessible pre-fabricated and pre-cast concrete picnic tables. Tables will be installed upon a paved asphalt pad to facilitate a rolling surface around the tables per ADA requirements.**
- **Install / place two (2) (approx. 12" x 72" ADA accessible pre-fabricated and pre-cast concrete park benches. Benches will be installed upon a paved asphalt pad to facilitate a rolling surface around the benches per ADA requirements.**
- **Install information posting kiosk. Kiosk will be simple in design, approx. 9' high x 6' wide. Kiosk will have a gable-style roof covering, mounted atop two wood post legs. Kiosk will be installed near existing ramp and ADA trailer parking.**

- **Re-grade and install new crushed rock surfacing to the existing parking area. Proposed re-grading is not expected to be deeper than 6” and will encompass the entire non-wooded or unpaved access area, available to vehicle traffic. Depth of new top course crushed surfacing is not anticipated to be installed deeper than approx. 3-4” deep.**

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. [\[help\]](#)

**T28N R2W S24 GPS: 47.898370,-122.875098
165 Leland Valley Rd West, Quilcene WA 98376, Jefferson County
Parcel Number: 802243008 3.58 Acres**

Driving Directions: In Quilcene, start going northwest on US Hwy 101 N toward E Columbia St. Then in 5.4 miles turn left onto Leland Valley Rd. Then in .11 miles the project location is on the right.

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)? [\[help\]](#)
0-15% slopes

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. [\[help\]](#)

Alderwood gravelly sandy loam

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. [\[help\]](#)

The purpose of this project is to improve an existing water access site for public use and recreational access to Lake Leland. The existing site includes a gravel parking area, single vault

toilet building, floating fishing platform and a gravel boat launch. The proposed improvements include regrading and gravelling the existing parking area, replacing and lengthening of the fishing float gangway, removal of existing fishing float and creosote pilings, installation of a new 8x40 ft float including 4 steel pilings, installation of 15x20 ft concrete viewing pad below OHWM, removal of the existing vault toilet, installation of a single CXT vault toilet in the same footprint as the existing and installation of designated ADA parking spaces. The existing impervious surface is 25,375 sq ft and the proposed impervious surface will be 26,750 sq ft. Total amount of fill material will be approximately 8.99 cy below OHWM and 23.78 cy above OHWM. Total amount of excavation will be approximately 6.68 cy below OHWM and 8.19 cy above OHWM. Fill material will be sourced locally.

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

Yes, erosion could occur as a result of grading the parking area and excavation activities. BMPs such as straw wattles and silt fencing will be used as needed. A turbidity curtain will be installed during in water work to contain sediments.

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

Approximately 17% of the site (parcel) will be impervious surface. Approximately 1,375 sq ft of new impervious surface is proposed.

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

Erosion possibilities are possible during construction but will be temporary. Any necessary BMPs needed to reduce risk of erosion, such as straw wattles or silt fence will be implemented.

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

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

Air emissions may increase slightly due to construction equipment during construction.

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: [\[help\]](#)

Standard emission control converters and mufflers will be used by construction vehicles.

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

a. Surface Water:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. [\[help\]](#)
Lake Leland is directly adjacent to the project site.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. [\[help\]](#)

Yes, this project will occur within 200 ft of OHWM as well as below OHWM. Installation of the new gangway and fishing float including pile driving and removal of the existing float will occur below OHWM. Installation of the fishing platform will also occur below OHWM. Upland work includes grading, gravelling and partially asphalt paving the parking area, installation of the new CXT vault toilet building and removal of the existing toilet building and installation of mitigation plantings and root wad logs along the shoreline.

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

Approximately 6.68 cy of material will be cut below OHWM in order to install the new Ultra Block concrete fishing platform. Approximately 8.99 cy of material will be added below OHWM to construct the new fishing platform. This will occur in approximately 300 sq ft and along 20.75 linear feet of shoreline. Fill material will be locally sourced.

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

None are anticipated.

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. [\[help\]](#)

None.

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. [\[help\]](#)

Majority of storm water will flow from the gravel parking area through grass and vegetation along the shoreline before flowing into Lake Leland.

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

Yes, storm water runoff could contain chemicals from vehicles or fine sediments that are not completely captured through infiltration. During construction, temporary BMPs will be implemented to reduce erosion and runoff.

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

No.

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

Any Best Management Practices necessary to reduce runoff will be implemented. These may include straw wattles, straw bales, filter fence or silt fencing.

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? [\[help\]](#)

An area, approximately 375 sq ft, of invasive reed canary grass will be removed along the shoreline. Himalayan blackberry will also be removed where mitigation plantings are located.

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

Golden paintbrush (*Castilleja levisecta*) – Endangered

Pacific lanceleaved springbeauty (*Claytonia multiscapa* ssp. *Pacifica*) – Threatened

Quinault fawn-lily (*Erythronium quinaultense*) – Threatened

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

A total of four areas (3,195 sq ft) will be planted with native plants along the shore line and near the toilet building.

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

Reed canary grass, Himalayan blackberry, Yellow-flag iris

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

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

Examples include:

birds: **hawk, heron, eagle, songbirds**, other:

mammals: **deer, bear, elk, beaver**, other:

fish: **bass, salmon, trout**, herring, shellfish, other _____

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

Marbled Murrelet (*Brachyramphus marmoratus*) – Threatened

Streaked Horned Lark (*Eremophila alpestris strigata*) – Threatened

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

Bull Trout (*Salvelinus confluentus*) – Threatened

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

No.

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

All construction will occur during the proposed work windows authorized by required federal and local permits and required permit conditions to protect fish and terrestrial species. A turbidity curtain will be installed during the construction of the fishing platform in water to contain sediments and exclude fish from the work area. The fishing float location will be extended further out into the lake to lessen the impact on the nearshore habitat, which is used by juvenile fish.

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

None are proposed.

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

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

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

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

[\[help\]](#)

No sources of contamination are known at this site.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [\[help\]](#)

None are known at this site.

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

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

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

No special emergency services are anticipated.

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

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

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

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

None.

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. [\[help\]](#)

No noise will be generated by this project after construction activities are completed.

Recreational boating activities will increase noise coming from the site on a seasonal basis.

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

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

8. Land and Shoreline Use [\[help\]](#)

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)

The site is currently used as a WDFW Public Access site. The adjacent property to the south is owned by Jefferson County and is used as a public campground. All other adjacent properties are private residences and farmland. The proposal will not affect current land uses by nearby properties.

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

No.

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. [\[help\]](#)

The existing site includes a single ageing vault toilet building, earthen boat launch, and wooden fishing float with concrete decking.

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

Yes, the vault toilet building and wooden fishing float will be demolished and removed including existing pilings.

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

Rural Residential

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

Unknown

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

Conservancy

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? [\[help\]](#)

This project does not include residences. The site will be maintained by Jefferson County once construction is completed.

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

None.

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

None are proposed.

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

The proposed project will be conducted in accordance with required Jefferson County permits and conditions.

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

The proposed project will have no affect to agricultural or forest lands.

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

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

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 are proposed.

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

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

The tallest height of proposed structures would be the vault toilet building, which measures approx. 9' 5" at the peak of the roof. The exterior material will be concrete in a barnwood pattern in a dark, natural color.

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

None.

- 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 are known.

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

None are proposed.

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

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

Fishing, boating, swimming, RC airplane activities, camping

- 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 are proposed.

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

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

The Cultural Resources Desktop Review (CRDR), December 20, 2018, Douglas Mackey, WDFW CAMP Cultural Resources Review Coordinator, includes no potentially eligible structures, buildings, or sites within a mile of the project site. The nearest NRHP-eligible feature is the Willow Wood Farm located 4.7 miles northeast of the project area. This CRDR review includes searches in the Department of Archaeology and Historic Preservation (DAHP) WISAARD, and WDFW records.

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [\[help\]](#)

No evidence of Indian historic use or occupation has been recorded within a mile of the site per the records of DAHP or WDFW. The nearest of the Indian use or occupation sites that is a matter of record in WISAARD is over two miles from the project area. A cultural resource investigation is scheduled to take place early in 2019 wherever undisturbed soils exist within the Area of Potential Effect (APE).

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

WDFW cultural resources staff reviews all data available from the department of archeology and historic preservation's (DAHP) WISAARD within 2-miles of the Area of Potential Effect (APE). Cultural resource investigations will be conducted in all areas where undisturbed soils, or historic structures, exist within the APE. The scope of these investigations will be circulated to interested tribes and the DAHP. Cultural Resource Reports will also be circulated to these same groups for comment. The WDFW Architectural Historian will also review and report regarding the project's potential adverse impacts to historic structures.

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

WDFW will implement the recommendations of the Cultural Resource Report, such as monitoring, and will work with the construction crew to review the contents and actions called for by the Inadvertent Discovery Plan (IDP).

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

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

The project site is accessed by Leland Valley Road.

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? [\[help\]](#)

The existing gravel parking area does not include designated parking spaces. The new parking area will exceed the footprint of the existing parking area by 1,450 sq ft. A designated ADA vehicle/trailer parking pad will be asphalt paved as well as an ADA vehicle space near the launch and an ADA vehicle space near the vault toilet. A total of 14 vehicle parking spaces will be designated on the re-graveled parking area.

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? [\[help\]](#)

Peak vehicle use will be seasonal according to fishing seasons and favorable weather. Vehicle use may increase during peak times from current volumes due to the proposed upgrades at the site. This increase is not expected to be significantly higher than current volumes.

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 are proposed.

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 are proposed.

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

- a. Circle utilities currently available at the site: [\[help\]](#)
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____
- b. Describe the utilities that are proposed for the project, the utility providing the service,
and the general construction activities on the site or in the immediate vicinity which might
be needed. [\[help\]](#)
No utilities will be needed for this project.

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

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

Signature: _____

Name of signee Anna Sample

Position and Agency/Organization Biologist 3/WDFW

Date Submitted: 12/27/18