

SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

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: [\[help\]](#)

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 St. Clair Access Site Redevelopment

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

Washington Department of Fish and Wildlife

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

Chris Gourley; 600 Capitol Way North, Olympia, WA 98501

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

07/21/16

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

WDFW

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

Summer 2017

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. [\[help\]](#)

Required documents for obtaining permits will be completed. This may include a biological assessment, critical area assessment, and/or other documents pertaining to the site redevelopment.

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.

[\[help\]](#)

Thurston County Shoreline Substantial Development permit; Thurston County Floodplain permit; Army Corps of Engineers Permit; Hydraulic Project Approval

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 proposal is for the redevelopment of the two adjacent Lake Saint Clair access sites. The two sites are on west and east sides of the same peninsula in Lake Saint Clair. The access on the east side is currently a small gravel launch with a graveled parking area. This project seeks to replace the primitive ramp with a pre-cast concrete ramp with scour-resistant articulated concrete matting on the sides and at the base. The parking area will be paved and an ADA parking stall will be added. A new fence will be installed on the property line on the north side of the property. On the west side of the peninsula, a larger access and parking area exists. This area will be regraded, paved, and striped and the two fiberglass vault toilets will be replaced with a double pre-cast vault toilet. The current boat launch will be removed and a new, pre-cast boat launch with scour-resistant articulated mats placed on all sides. Accessible car and trailer stalls will be marked and wheel stops will be installed in the parking area. An ADA compliant paved fishing

pad with curb will be added to the lake's edge where shore fishing currently exists, increasing access and opportunity. The current shore fishing area is uneven grass and gravel and is blocked from cars with a wire fence. A stairway will be installed near the south end of the site that will connect with a crosswalk linking the two access sites together. Fences will be repaired on the site. A mitigation planting area of roughly 1,700 sf will be planted on the west access between the new toilets and the lake.

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 sites are located in Thurston County on Lake Saint Clair. Both sites are located in Township 18N and Range 01E. The western access is in the SE quarter of Section 31 and the eastern access is in the SW quarter of Section 32. From southbound I-5, take exit 116 for Mounts Rd toward Old Nisqually and turn left onto the road. Turn left onto Reservation Rd SE. At the traffic circle, take the second exit onto WA-510 E. At the traffic circle, take the first exit onto Yelm Highway SE. Turn right onto Rehkla Rd SE. Both access sites are just under a mile from Yelm Hwy on Rehkla Rd, one on the left and one on the right. From northbound I-5, take exit 108 for Sleater-Kinney Rd toward College Street. Keep left at the fork and follow signs for College Street. Continue onto 3rd Ave SE and then turn right on College St SE. Turn left onto Lacey Blvd SE and turn right onto Ruddell Rd SE. Continue onto Yelm Hwy SE. Turn left onto Rehkla Rd SE.

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

1. Earth

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)? [\[help\]](#)
40% on the west side and 25% on the east side.

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. [\[help\]](#)

Soils in this area are Indianola loamy sand, 15 to 30 percent slopes. These soils are somewhat excessively drained and have a high to very high capacity to transmit water. Flooding and ponding do not occur in these soil types and there is a low water availability in the soil profile.

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 boat ramp quantities are listed below. The boat ramps are being placed to increase ease of launching into the lake. The concrete planks are pre-cast and cured before being placed into water. Asphalt paving will account for 8,793 sf of area at the east access and 20,168 sf at the west access. Approximately 17 cy of fill will be placed for the parking pad on the east access to include structural fill and crushed surface top coarse gravels.

WEST RAMP QUANTITIES		SF	CY
MATERIAL		AREA	VOLUME
EXISTING RAMP DEMO		783	-9.6
NEW PLANKS		768	14.2
80% ACM EROSION CONTROL		672	9.9
SUBGRADE MATERIAL	CUT		-15.6
	FILL		13.2
TOTAL		1440	12.1
EAST RAMP QUANTITIES		SF	CY
MATERIAL		AREA	VOLUME
EXISTING RAMP DEMO		0	0.0
NEW PLANKS		672	12.4
80% ACM EROSION CONTROL		608	9.0
SUBGRADE MATERIAL	CUT		-4.1
	FILL		8.3
TOTAL		1280	25.6

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

While the possibility of erosion exists, BMPs will be placed to keep erosion minimal and contained.

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

While the sites will be paved, all areas that will be paved are currently graveled. The area to be covered in asphalt is 8,793 sf at the east access and 20,168 sf at the west access.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)
 BMPs will be placed to reduce and contain erosion including but not limited to straw bales, straw wattles, silt fence, and silt curtains. The impact area of work will be controlled to reduce the amount of ground exposed to potential erosion issues.

2. Air

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

Standard emissions from machinery would be present during construction, but no additional emissions are expected after project completion.

- 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 additional measures.

3. Water

- a. Surface Water: [\[help\]](#)

- 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 Saint Clair is accessed by both sites. It is considered a shoreline of the state and is a fish-bearing lake.

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

All work will be adjacent to water. The boat ramps will be installed in the water. On the west access, an ADA compliant fishing pad with curb will be at the water's edge. This will require some fill below the 100-year flood mark, but above water levels. On the east access, an ADA compliant parking pad will be installed with some fill being placed below 100-year flood mark, but above water levels.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [\[help\]](#)

The current ramp at the west access will be removed and replaced slightly to the north of its current location. At the east access, the new ramp will be installed below OHWM. Although some of the ramp will be installed above OHWM, the following numbers represent the entire fill and dredge of the ramps, including that above OHWM.

WEST RAMP QUANTITIES		SF	CY
MATERIAL		AREA	VOLUME
EXISTING RAMP DEMO		783	-9.6
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TOTAL		1440	12.1
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MATERIAL		AREA	VOLUME
EXISTING RAMP DEMO		0	0.0
NEW PLANKS		672	12.4
80% ACM EROSION CONTROL		608	9.0
SUBGRADE MATERIAL	CUT		-4.1
	FILL		8.3
TOTAL		1280	25.6

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

Surface waters will not be withdrawn or diverted at either access.

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

The flood level as indicated by Thurston County floodplain experts is 75.5 feet. Only the boat launches and a few areas of the new walkway on the west access will be below this level.

- 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 waste materials will be discharged to surface waters.

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 groundwater will be withdrawn and no water will be discharged to groundwater.

- 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 materials will be discharged.

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. [\[help\]](#)

Storm water runoff is generated by the overland flow of storm waters through the parking areas (currently gravel) and into the lake. In some areas, the water is filtered through a small strip of grass before entering the lake. No changes will occur to current runoff.

2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)
 Waste materials can reach ground or surface waters, but it is unlikely. The site may have waste from vehicles or other human use, but site activities will not change from current use.

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

The west access will not be graded to change drainage patterns. The east access will be graded and paved, but all drainage will still divert to the lake.

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

The outcome of any grading will direct water as it currently routes – to the lake. No changes will be made in drainage.

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? [\[help\]](#)

Invasive plants will be removed, including blackberry in the area where the stairs will be located at the west site. Ivy will be removed from much of the ungraded property on the east access. Invasive yellow flag iris will be removed from the west access in the water near the fishing walkway, as shown on the plans. Three larger Douglas firs will be removed from the north side of the east property. They are covered in ivy and are a hazard.

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

The following are found in Thurston County according to the NHP.

Scientific name	Common name	State Status	Federal Status
<i>Carex densa</i>	dense sedge	T	
<i>Castilleja levisecta</i>	golden paintbrush	E	LT
<i>Heterotheca oregona</i>	Oregon goldenaster	T	
<i>Howellia aquatilis</i>	water howellia	T	LT
<i>Lathyrus vestitus var. ochropetalus</i>	Pacific pea	E	

<i>Pityopus californicus</i>	pine-foot	T	
<i>Polemonium carneum</i>	great polemonium	T	
<i>Polystichum californicum</i>	California swordfern	T	
<i>Sidalcea virgata</i>	rose checker-mallow	E	SC
<i>Symphotrichum hallii</i>	Hall's aster	T	

State Status of plant species is determined by the Washington Natural Heritage Program. Factors considered include abundance, occurrence patterns, vulnerability, threats, existing protection, and taxonomic distinctness. Values include:

E = Endangered. In danger of becoming extinct or extirpated from Washington.

T = Threatened. Likely to become Endangered in Washington.

Federal Status under the U.S. Endangered Species Act(USES A) as published in the Federal Register:

LT = Listed Threatened. Likely to become endangered.

SC = Species of Concern. An unofficial status, the species appears to be in jeopardy, but insufficient information to support listing.

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

A 1,737 SF area on the west access will be used as a mitigation planting area. Plants and large trees on both sites will be preserved to the extent possible. Planting schedule is available on Sheet 5 of 13 of the plan set.

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

Yellow flag iris, Himalayan blackberry, English ivy, and reed canary grass are all present on the sites.

5. Animals

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. Examples include: [\[help\]](#)

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

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. [\[help\]](#)

The following are listed in Thurston County:

Oregon Spotted Frog (*Rana pretiosa*) – Threatened

Marbled Murrelet (*Brachyramphus marmoratus*) – Threatened

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

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

Bull Trout (*Salvelinus confluentus*) – Threatened

Olympia Pocket Gopher (*Thomomys mazama pugetensis*) – Threatened

Tenino Pocket Gopher (*Thomomys mazama tumuli*) - Threatened

Yelm Pocket Gopher (*Thomomys mazama yelmensis*) - Threatened

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

Migratory birds are protected by the Migratory Bird Treaty Act. The following birds could potentially be affected by activities in this location according to U.S. Fish and Wildlife Service:

Bald eagle, black swift, Caspian tern, fox sparrow, olive-sided flycatcher, peregrine falcon, purple finch, rufous hummingbird, short-eared owl, vesper sparrow, western grebe, willow flycatcher.

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

Construction will be short in duration. No other measures are proposed.

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

No known invasive animal species are present.

6. Energy and natural resources

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.

7. Environmental health

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.

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

N/A

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.

N/A

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.

During project construction, gasoline, diesel, paving materials, and various glues and lubricating oils may be stored and used. There will be no hazardous chemicals on either site when the project is complete.

4) Describe special emergency services that might be required.

No additional emergency services will be needed. These are existing sites and the scope of use of the sites will not change.

5) Proposed measures to reduce or control environmental health hazards, if any:

The sites will be closed during active construction.

b. Noise

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

While few cars drive past the sites, there is no noise which will affect the project sites.

- 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 construction, normal operating noise is anticipated. When the sites are finished with renovations and re-opened to the public, the usual traffic noise and possible boat motor noise will be associated with the access areas.

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

No additional measures will be taken.

8. Land and shoreline use

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

Both sites are currently access areas for the public to access the lake. The current land uses will remain the same on both sites and on adjacent properties, which are currently residences and vacation homes.

- 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:

No.

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

The west access has a concrete boat ramp, 2 fiberglass vault toilets, a gravel parking lot, and an informational kiosk. The east access has a gravel parking lot and a gravel ramp.

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

The old concrete ramp will be removed from the west access and the vault toilets will be removed and the tanks decommissioned. Both gravel parking areas will be regraded and covered with asphalt and the gravel ramp will be removed and a new concrete ramp will be installed in its place.

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

Both sites are zoned Residential and McAllister Geologically Sensitive Areas.

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

Residential

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

Rural

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

Both sites are classified as McAllister Geologically Sensitive Areas and have low to moderate liquefaction hazard.

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

None.

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.

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

The proposed project is a redevelopment of the same use that already exists on both sites. No measures will be taken.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The proposed project is a redevelopment of the same use that already exists on both sites. No measures will be taken.

9. Housing

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

N/A

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

N/A

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

N/A

10. Aesthetics

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 proposed double vault toilet is approximately 11 feet tall (with a total height of just over 15 feet with the chimney) and will replace the existing fiberglass toilets. The toilet structures come preassembled.

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: [\[help\]](#)
The vault toilets are painted in natural colors that blend with the natural surroundings. Colors are hues of browns and greens and are neutral in nature.

11. Light and glare

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

a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)
Lake Saint Clair is used for recreational boating, fishing, water skiing, and swimming.

b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)
There will be a temporary displacement of some uses due to the nature of installation of the boat launch and parking areas. However, the redevelopment aims to improve conditions for all users with an emphasis on those utilizing ADA options.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)
The project will be completed in a timely manner to reduce the impacts on recreation for users. In addition to the options available now for recreation, a new ramp will be added to the east access and an ADA compliant fishing platform will be added on the shoreline of the west access.

13. Historic and cultural preservation

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. [\[help\]](#)

WDFW project review includes archival review using DAHP's WISAARD database and local land use patterns. According the results of WDFW review of the project, the landform is one moderately sensitive for cultural resources. There are some sites listed on WISAARD within 2.5 miles of the site. There are no sites listed on or near the site.

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

WDFW project review includes archival review using DAHP's WISAARD database and local land use patterns. According the results of WDFW review of the project, the landform is one moderately sensitive for cultural resources.

- 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 will review the project to assess the likelihood that the project would encounter archaeological resources. The assessment will be based on archival review using DAHP's WISAARD database, the results of consultation, an understanding of local expressions of precontact and historic era settlement patterns, and a consideration of the scope and nature of the proposed project. This project requires a Corps permit. Within the permitting process, the Corps will consult with tribes and DAHP under Section 106.

- 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. Projects will be designed in order to eliminate the risks of disturbing cultural resources. The project review informs project design, as does consultation and geomorphological studies. If the project encounters archaeological deposits or features, WDFW's Inadvertent Discovery Plan will be enacted. Contractors and WDFW staff will be briefed on the plan prior to project initiation. In some case, the risk assessment may lead WDFW to conduct archaeological monitoring during project construction. Monitoring plans will be informed by archival research, consultation and geomorphological studies. All work being completed onsite is within already impacted areas and strata of soil. There is no anticipated disturbance to resources because resources will not be accessed if they exist on the site.

14. Transportation

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

Access to the current street system will not change. Both sites can be reached via public county road Rehklau Road SE.

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [\[help\]](#)

The site is not served by public transit. The nearest transit stop is 2.9 miles away on Intercity Transit route 67 at Tri-Lake Drive.

- 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 parking areas will be the same size as they are currently. However, the current parking area is not striped, so no spots are designated.

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

A crosswalk will be added between the sites across Rehklau Rd SE in coordination with Thurston County regulations.

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

These sites are heavily used by the public currently. We do not expect a significant change in visitation to the accesses after redevelopment.

- 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.

No. The project will only make upgrades to the existing access sites.

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

Transportation impacts are not expected to be long-term in nature. If any impacts are observed, they will be controlled in a timely manner.

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [\[help\]](#)

The sites are currently used as public access areas. The need for public services is not expected to increase.

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

N/A

16. Utilities

- 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 for the completed project. Any power needed during construction will be generated by the construction crew.

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 Christina Gourley

Position and Agency/Organization Fish and Wildlife Biologist/ WDFW

Date Submitted: 07/21/16