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]

WDFW- Phillips Lake Access Low Water Ramp Extension

2. Name of applicant: [help]

Washington Department of Fish and Wildlife

3. Address and phone number of applicant and contact person: [help]

600 Capitol Way North, Olympia, WA 98501 Chris Gourley: 360-902-8392

4. Date checklist prepared: [help]

07/12/2016

5. Agency requesting checklist: [help]

Washington Department of Fish and Wildlife

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

Low water in either fall 2016 or early 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]

None 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]

No.

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

Army Corps of Engineers permit, Mason County Shoreline Permit, HPA

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]

During low flows, the boat ramp has become difficult to launch from. This project will add 5 planks to the end of the existing ramp to aid with ease of launch. The planks are precast concrete and will be fully cured before placement.

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 Phillips Lake Public Access Site is located in Mason County on Phillips Lake at 70 E Phillips Lake Loop Road. From I-5, take exit 104 North toward Port Angeles on US 101. Exit onto WA-3 N /SE

Olympic Highway S toward Shelton/Bremerton. Turn R onto E Railroad Ave. Take the first left onto N Front Street. Take the first right onto WA-3 N/ E Pine Street. Turn right onto Grant Ferry/ Pickering Rd. Turn right onto E Phillips Lake Road and left onto E Phillips Lake Loop Road. The property is located within Section 5, Township 20 N, Range 2 W and the parcel number is 22005-50-00036.

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]
The ramp is the steepest slope and is no more than 18%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]
The soils on the property are classified as Alderwood gravelly sandy loam, a soil that is found on 5-15% slopes and often found in moraines, is moderately well drained, and has a parent material of basal till with a component of volcanic ash. Other soils in the area are other Alderwood or similar soils, with Alderwood gravelly sandy loam (15-30% slopes) and Everett gravelly loamy sand (5-15% slopes) bordering the soil type on the property.

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 low water conditions in the lake are creating a difficult launch situation. To aid in ease of launching, the ramp will be extended by 10 feet (12 feet wide). The last plank will be removed and 5 planks will be placed. Quarry spalls, up to 2.3 CY, will be used to fill the scour hole and create a solid base for the new planks.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]
While erosion could occur, the project is slated to be done at low water conditions and will occur below the water's surface. No land will be cleared above OHW.

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

There will be no change in impervious surface on the project property.

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

If any BMPs are needed to reduce erosion potential, they will be utilized. They may include hay bales, wattles, or silt fences.

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]

Vehicle exhaust and dust from construction is expected. No long-term change in emissions is expected from the completed project.

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 would be in use 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]

Phillips Lake is located at the property's edge and is the water body that will be accessed with site improvements. The lake has been highly developed, with its shoreline almost completely developed with homes and access. Motor boats are allowed on the lake and many access docks and launches are present.

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; the work will be condiucted below the OHWM for ramp plank removal and replacement.

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]

Scour hole will be filled with approximately 2.3 CY of quarry spalls. Precast ramp planks will account for approximately 1.5 CY of fill.

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

Surface water will not be withdrawn or diverted for prject work.

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

Yes.

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]

There will not be any discharge of waste material 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 for the project.

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 to ground waters.

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]

Stormwater runoff will not be changed or affected in any way.

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

While there is a chance that waste materials could enter ground or surface waters, appropriate measures will be taken to reduce the possibility of this happening through BMPs.

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

No. Only the boat ramp will be altered and no adjacent drainage patterns will change.

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

Any BMPs necessary to reduce runoff will be implemented. These may include straw wattles, straw bales, or silt fencing.

4. **Plants** [help]

a. Check the types of vegetation found on the site: [help]

__X_deciduous tree: **alder**, **maple**, aspen, **other**
__X_evergreen tree: **fir**, **cedar**, pine, other
__X_shrubs
__X_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]
No vegetation will be removed or altered.

c. List threatened and endangered species known to be on or near the site. [help]
Threatened species include:
Pacific lanceleaved springbeauty (*Claytonia multiscapa ssp. Pacifica*), Oregon goldenaster (*Heterotheca oregona*), water lobelia (*Lobelia dortmanna*), and Adder's tongue (*Ophioglossum pusillum*).

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [help]
No landscaping is proposed.

e. List all noxious weeds and invasive species known to be on or near the site. [help]
Himalayan blackberries and other noxious weeds may be present on the site.

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]
According to US Fish and Wildlife Services' IPac, marbled murrelet, streaked horned lark, yellow-billed cuckoo, and bull trout (all threatened species) may be present.

c. Is the site part of a migration route? If so, explain. [help]
This is a part of the Pacific flyway migration route for birds. Potentially affected species are black swift, Caspian tern, fox sparrow, olive-sided flycatcher, peregrine falcon, purple finch, rufous hummingbird, short-eared owl, western grebe, and willow flycatcher.

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

The project will be completed in a timely manner to protect all resources and wildlife. A silt curtain will be deployed in the water to keep sediment from leaving the work area if it is created.

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

None that we are aware of.

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.

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.

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

None are known.

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.

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]

During project construction, fuels may be stored for heavy equipment. This is anticipated to be temporary and the chemicals will be removed once the work is complete.

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

No additional services will be required. The access area is already established.

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

Any chemicals that are used will be controlled and will remain unavailable for public use.

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]

Short term noise may be created from use of heavy equipment to complete project components. Work may not be conducted outside the hours of 6am to 6pm. A maximum of 80 dBA will be produced (78 dBA for an excavator and 76 dBA for a dump truck) when equipment is working simultaneously according to the WSDOT Biological Assessment Preparation Training Manual.

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

Only equipment required to complete the job will be utilized.

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 a public access site and neighboring properties are residential. The shoreline is developed with homes. The project will not affect land use.

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 site has a double vault toilet and a concrete boat launch. No other structures exist.

d. Will any structures be demolished? If so, what? [help]

The bottom plank of the boat ramp will be removed.

e. What is the current zoning classification of the site? [help]

Rural Residential 5 Acres

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

Rural

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

Residential

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]

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]

None. Use of the property will not change.

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

None. The property use will not change.

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]

The proposed structure addition is below OHWM and is made of pre-cast concrete plank pieces. 5 planks will be added.

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.

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]

The access area serves as a public access for boaters and shore users and provides the opportunity to fish, bird watch, boat, and other lake recreation.

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

No. It will enhance the ease of launching a boat from the access.

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 access improvement will allow for recreational boating opportunities at lower water conditions.

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]

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

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, historic maps and records, the results of consultation, and local land use patterns. According the results of WDFW review of the project, the landform is one poorly 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.

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]

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 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.

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]

There are no proposed alterations for public streets or highways. The site is accessed via E Phillips Lake Loop 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]

This area is not served by public transit. The closest transit stop is 2.3 miles away at Hwy 3 and E Pickering Rd.

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

Parking will not be altered.

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]

While the modifications are expected to make launching boats easier at this location, we do not anticipate trips per day increasing.

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]

The site is not changing use pattern and therefor will not result in an increased need for public service.

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] **NONE**
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]

None.

C. Signature [help]

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

Signature: _____

Name of signee Christina Gourley

Position and Agency/Organization WDFW Biologist

Date Submitted: 07/12/16