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 <u>all parts of your proposal</u>, 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 <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. 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 Stevens Access Renovation

2. Name of applicant: [help]

Washington Department of Fish and Wildlife – Chris Gourley

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

600 Capitol Way North, Olympia, WA 98501

4. Date checklist prepared: [help]

April 24, 2017

- 5. Agency requesting checklist: [help]
- Washington Department of Fish and Wildlife (WDFW)
- 6. Proposed timing or schedule (including phasing, if applicable): [help]

Work to begin June 2018

- 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]

If permits require any environmental information to be prepared, it will be. No other information preparation is known.

- 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, WDFW HPA, City of Lake Stevens utilities permits and Shoreline permits

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]

The project will replace failing boat ramps with new pre-cast plank-style ramps with articulated concrete mats on all sides to prevent erosion. The prop wash hole and existing in-water berm will be regraded and the ramps will follow the alignment of the existing floats. A drainage pipe on the south side of the property will be replaced in-kind. The current sign will be replaced with a kiosk. 2 mitigation areas will be planted and new chain link fencing with slats will be installed. Existing asphalt will be resurfaced and striped, totaling near 31,000 square feet. A new double flush toilet will also be installed. An accessible loading platform will also be added.

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]

Take I-5 to US-2E and use the middle lane to take the exit toward 20th SE. Turn left onto S Lake Stevens Road. Turn left onto E Lakeshore Dr/Minckler Bridge. Turn left on 124th Ave NE/Main Street and take the first left onto 17th Place NE. The parking area at the dead end is for the access area. The access is located on three parcels, 00553800001500, 00553800001602, and 00553800003500 and is located in Section 8 of Township 29N, Range 06E in Snohomish County within Lake Stevens city limits. Latitude 48.012196, longitude -122.065987

B. ENVIRONMENTAL ELEMENTS [help]

1. Earth [help]

a.	General	l description	of the site:	[help]
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(circle one): Flat, rolling, hilly, steep slopes, mountainous, other

- b. What is the steepest slope on the site (approximate percent slope)? [help] *The boat ramp is a 12% slope.*
- 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]

Tokul gravelly medial loam, 0 to 8 percent slopes and Mukilteo muck are the dominating soil types near the boat launch location.

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

No indications of history of unstable soils are present in the immediate vicinity.

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 existing ramps will be removed and the area surrounding them regraded to install the new pre-cast planks and articulated mats. There is potential for 4,500 square feet to be disturbed with regrading and installation of the new ramp

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

The work will be completed below the OHWM of the lake and a turbidity curtain will be installed around the outside of the work area to contain any turbidity. Some minor grading for the rain garden will be done and a wattle log will be installed to control any erosion caused by this activity.

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

No new impervious surfaces will be added. Approximately 31,000 square feet of area will be overlayed with asphalt over the parcels.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [help] A wattle log will be placed along the lake end of the rain garden to control any erosion that may be produced with the grading of the area. Also, a turbidity curtain will be placed around the in-water work area.

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]

Short-term construction emissions and odors would result from site preparation and construction activities. Sources include combustion emissions from heavy equipment and these impacts are anticipated to be minimal. We do not anticipate any long-term impacts.

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] *Equipment used for site preparation will be serviced and maintained in good operating condition to lessen impacts from this source.*

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 Stevens is the waterbody that the ramp launches into. The lake has multiple inlets and at least one outlet.
- 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]

 Work will be near the water and below OHWM. The nature of a boat ramp requires work within the water. Overlay of existing asphalt, striping, and planting of a new rain garden will all occur away from water. The new ramp and articulated concrete matting will be placed near and in the water.
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [help]

The following cut and fill will occur below OHWM of Lake Stevens. Fill material will be sourced as locally as possible. The pre-cast concrete planks and articulated concrete mats are poured and assembled at the WDFW Lacey Shop.

Activity (clear, dredge, fill, pile drive, etc.)	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Plank removal (cut)	-16.23	1316 SF
Prop wash berm (cut)	-55.56	2886 SF
Prop wash hole (fill)	+37.04	1350 SF
Subgrade cut	-8.44	
Subgrade fill	+7.70	
New ramp planks (fill)	+11.56	624 SF
New Articulated mat (fill)	+22.22	1200 SF

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [help]
 There will not be any surface water withdrawls or diversions.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help]

Yes. The project is within the 100-year floodplain in Zone A according to FEMA FIRM map 53061C0739E.

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 discharges of waste materials 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]

 There will not be any waste materials discharged into the ground.
- c. Water runoff (including stormwater):
 - 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [help]

 Stormwater and runoff inputs will not be altered with completion of the project proposal work. Catch basins are already installed and a drainage area in the form of a rain garden will be installed at the south end of the site. Runoff is overland sheet flow not channeled into catchbasins that flows into the lake via the ramps.
 - 2) Could waste materials enter ground or surface waters? If so, generally describe. [help] While waste materials could enter surface waters, catchbasins and the rain garden are designed to reduce overland flows directly to the lake.
 - 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [help]

Drainage patterns will not be altered or affected.

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

A rain garden and mitigation area will be installed at the south side of the area ear the boat

ramps. This will reduce runoff and potential impacts from the parking area with the use of biofiltration.

4.	Plants [help]
a.	Check the types of vegetation found on the site: [help]
	_Xdeciduous tree: alder, maple, aspen, other _Xevergreen tree: fir, cedar, pine, other _Xshrubsgrasspasturecrop or grainOrchards, vineyards or other permanent cropswet soil plants: cattail, buttercup, bullrush, skunk cabbage, otherwater plants: water lily, eelgrass, milfoil, otherother types of vegetation
b.	What kind and amount of vegetation will be removed or altered? [help] A slpit Douglas fir tree will be removed near the boat ramps. Near the current toilets, vegetation will be removed for the new flush toilets and sewer connections.
C.	List threatened and endangered species known to be on or near the site. [help] Snohomish County has the following species listed: Endangered: crab eye lichen, false apple moss, and skin lichen. Threatened: witch's hair lichen, western moonwart, Smoky Mountain sedge, black lily, water lobelia, pine-foot, Choris' bog-orchid, and beard lichen.
d.	Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [help] Any removed plants will be salvaged as possible. The rain garden will be planted with native plants. Another mitigation area will be planted with native plants along the shoreline.
e.	List all noxious weeds and invasive species known to be on or near the site. [help] The site is maintained to reduce the existence of noxious weeds. There are some Himalayan blackberries and purple loosestrife observed on the project site.
5.	Animals [help]
a.	<u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site. [help]
	Examples include:
	birds:

b. List any threatened and endangered species known to be on or near the site. [help]

The USFWS's Information for Planning and Consultation webpage shows the following species are listed:

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]

The USFWS's Information for Planning and Consultation webpage shows the following migratory birds using the area:

Bald eagle, black swift, Caspian tern, Cassin's finch, 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]

No measures are proposed.

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

None are known at this time.

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]

None.

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]

Fuels will be stored for the equipment during construction. They will be kept out of public access areas and will be maintained safely during construction.

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

 No additional services will be required. The site's use will not change in scope and is not anticipated to change in volume.
- 5) Proposed measures to reduce or control environmental health hazards, if any: [help] *None.*

b. Noise [help]

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

Noises in the area are typical of a suburban neighborhood. No noises will affect the project.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indi-

cate what hours noise would come from the site. [help]

Short-term construction noise will be minimal and associated with construction only. Equipment operation will occur between the hours of 6am and 6pm, unless permits or ordinances restrict this time further.

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

Noise will only be created when the construction is being done. No additional noise will be created at the site otherwise.

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 Lake Stevens Access has been a boat launch for decades. The use of the site will remain the same. Adjacent properties will not be affected as use is not changing.

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]

There are 2 boat ramps on site, a boarding float, a life jacket loaning cabinet, and portable toilets on site.

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

The ramps will be removed and replaced and the toilets will be removed and replaced with a double flush toilet.

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

Waterfront Residential

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

Waterfront Residential

- g. If applicable, what is the current shoreline master program designation of the site? [help] *Urban Conservancy*
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help]

Wetland buffer to the lake shore

- 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. The land use will not change.

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

None.

- 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]]

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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 new flush toilets will have a maximum stand height of 9 feet 9-3/8" and they are concrete with a "barnwood" texture and cedar shake texture roof.

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

 Some view of the church will be obscured by the flush toilets, but the current portable toilets have been in the same location.
- b. Proposed measures to reduce or control aesthetic impacts, if any: [help]
 The outside of the building is painted in neautral tones that blend into the surrounding environment.

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]

No new light or glare would be produced.

- 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 boat launch is in poor condition, but is still useable at this time. The boarding float provides loading and fishing opportunities. The local crew teams use the adjacent dock to the north for access to the lake.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [help]

 During construction, the ramps and the parking area may be temporarily closed for public safety. After these initial closures are over, recreational uses can commence.

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 work will be done in a timely manner in order to allow public access as soon as possible after renovations are complete. Only the areas that are being worked on will be closed to the public.

13. Historic and cultural preservation [help]

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

There are no buildings, structures, or sites located on the site according to the DAHP WISAARD data base for the general public. A Cultural Resources Review will be done by the City of Lake Stevens and reviewed by the WDFW Archaeologist before work occurs.

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]

According to WISAARD for the general public, there are not landmarks, features, or other evidence of Indian or historic use or occupation located on the site. A Cultural Resources Review will be done by the City of Lake Stevens and reviewed by the WDFW Archaeologist before work occurs.

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]

A professional Cultural Resources Review will be done by the City of Lake Stevens and reviewed by the WDFW Archaeologist before work occurs.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. [help]

The project will be reviewed by the WDFW staff archaeologist once the review by the City is complete. The results of this investigation will be forwarded to the U.S. Army Corps of Engineers who will formally consult with the interested Tribes.

If cultural significant features are discovered during consultation with affected Tribes, measures will be taken to avoid, minimize, or compensate for loss, changes to, and disturbance to resources.

The project will operate under WDFW's Inadvertent Discovery Plan, which provides the project proponent with a detail series of steps to follow upon the unanticipated discovery of archaeological or cultural materials.

14. Transportation [help]

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

 The site is located off Main Street in Lake Stevens at the end of 17th Place NE. NO alterations will be done to the existing street system.
- 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]

 Community Transit in the area does serve the site. There is a bus stop within 400 feet of the boat ramp itself. Route 280, Granite Falls/Lake Stevens Everett/Boeing, is the access route that drops off at Main St and 18th St NE.
- 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 project will add designated ADA parking and no parking will be eliminated.

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]

We do not anticipate an increase in vehicular trips due to the project. Use of this site will remain the same.

- 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]
 No meaures are proposed to reduce or control transportation impacts.

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. The use of the site will not change.
- b. Proposed measures to reduce or control direct impacts on public services, if any. [help]

No meaures are proposed to reduce or control transportation impacts.

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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]

A tie-in to City sewer and water services is proposed for the new flush toilets as well as electrical modifications for streetlighting.

C. Signature [help]

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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:	Showley
Name of signee	Christina L. Gourley
Position and Agenc	y/OrganizationBiologist, WDFW
Date Submitted:	,