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]

Ward Lake Access Improvements

2. Name of applicant: [help]

Washington Department of Fish and Wildlife (WDFW)

- Address and phone number of applicant and contact person: [help]
 600 Capitol Way N, Olympia WA 98501; Anna Sample, WDFW Biologist (360) 902-8429
- 4. Date checklist prepared: [help] 1/11/18
- 5. Agency requesting checklist: [help] Washington Department of Fish and Wildlife
- 6. Proposed timing or schedule (including phasing, if applicable): [help] Construction is proposed to begin 5/1/18 and be completed by 6/1/18.

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]

SEPA Checklist, Soil and Vegetation Report

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. [help]

None are known at this time.

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

Anticipated permits include City of Olympia Building Permit and Engineering Plan Review

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) [help]

Washington Department of Fish and Wildlife is proposing to make improvements to an existing access site on Ward Lake in Thurston County. The existing site includes a 12 ft wide concrete boat ramp, partially graveled/paved parking area and two aging vault toilet buildings. This project proposes to remove both of the existing vault toilet buildings and replace them with a CXT concrete vault toilet building that meets ADA requirements and parking. Removing the existing vault toilet buildings will require ground disturbing activities including pumping out, crushing and burying the vaults. A new hole will be excavated for the new CXT vault toilet building, which will be 16 ft long, 8 ft wide and 4 ft deep. The new toilet building will be located in the same location as the existing toilet buildings. An asphalt parking space will be constructed adjacent to the new CXT toilet building.

The slope of the ADA parking space will be changed slightly (6-12") to accommodate ADA required slopes. An area of 2,105 sq ft will be asphalt paved from the existing pavement of the driveway and end at the new toilet building. Additional gravel, approximately 1,634 sq ft and a depth of 3 inches, will be added to the parking area starting at the edge of the asphalt. A retaining rock will be placed behind the vault toilet building where the toilet building will encroach into the side slope. Several hazard trees (fir, alder) may be removed. No work is proposed for the existing boat launch. No work will be done in water or below OHWM.

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]

4135 Ward Lake Ct SE Olympia WA 98501Thurston CountyParcel Number: 12836121500T 18N R 2W S 36Error Olympia City Holl, startaut going Fast on 4th Aug. Take the second seco

From Olympia City Hall, startout going East on 4th Ave. Take the second right onto Plum St. Then after .51 miles turn slight right onto Henderson Blvd and pass through one roundabout. Then in 2.03 miles turn left onto North St SE. Then in .28 miles turn right onto Cain Rd SE. Cain Rd becomes Log Cabin Rd SE. Then in .31 miles take the first exit in the roundabout onto 42nd Ave SE. Then in .28 miles turn slight right onto Ward Lake Ct. The site is .06 miles further.

B. ENVIRONMENTAL ELEMENTS [help]

- 1. Earth [help]
- a. General description of the site: [help]

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

Continual grade from Ward Lake Ct road to Ward Lake shoreline.

- b. What is the steepest slope on the site (approximate percent slope)? [help] 15-30% 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]
 Yelm fine, sandy loam. 15-30% slopes
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]

No.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [help]

The purpose of grading part of the existing parking area is to install an ADA asphalt paved parking space adjacent to the vault toilet building. The slope of the ADA parking space will be changed slightly (6-12") to accommodate ADA required slopes. An area of 2,105 sq ft will be asphalt paved from the existing pavement of the driveway and end at the new toilet building. Additional gravel, approximately 1,634 sq ft and a depth of 3 inches, will be added to the parking area starting at the edge of the asphalt. The gravel will be brought on site with dump trucks and will be sourced locally. f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]

Some erosion could occur as a result of project activities, however best management practices will be implemented during construction to avoid erosion from occuring. A new stormwater drainage plan will be installed to prevent erosion to the road and parking area. A retaining wall will be installed behind the new vault toilet building to prevent erosion occurring on the slope.

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

The majority (90-100%) of the site will be covered by impervious surfaces (gravel, asphalt) after project construction.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [help] Best Management Practices will be followed during construction to reduce and/or control erosion including implementation of straw wattles and silt fence if needed.

2. Air [help]

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

Air emissions may increase slightly due to construction equipment during construction. No additional traffic flows are expected to occur given that the site already exists as a water access recreation area and the project does not include expansion of vehicle capacity.

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

No emissions or odors will affect the proposal.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [help] Standard emission control converters and mufflers will be used by construction vehicles.
- 3. Water [help]
- a. Surface Water:
 - 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] This access site provides access to Ward Lake and includes approximately 75 ft of shoreline. The project work area is outside of City of Olympia Shoreline Jurisdiction.
 - 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]
 No.

- Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. [help] No work will be done in water.
- Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [help]
 No.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help]

No, the project site in not in the 100-year floodplain.

- 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.
- b. Ground Water:
 - Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [help]

No.

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

No waste materials will be discharged into the ground from septic tanks or other sources as a result of this project. The existing vault toilet buildings will be decommissioned in accordance with City of Olympia Environmental Health requirements. One sealed vault toilet building will be installed on site that will serve the public. This new vault toilet building will be maintained and pumped regularly by qualified maintenance staff.

- c. Water runoff (including stormwater):
 - 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]

A storm water drainage plan has been included in the project design. This will be constructed on site to divert runoff into a ditch that will flow into Ward Lake.

2) Could waste materials enter ground or surface waters? If so, generally describe. [help] Yes, waste materials including vehicle gas/oil could be washed by storm water runoff from the parking area into the ditch and flow into Ward Lake. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [help]
 No.

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

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

4. Plants [help]

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

- __X__other types of vegetation (English ivy)
- b. What kind and amount of vegetation will be removed or altered? [help] Several hazard fir/alder trees may be removed.
- c. List threatened and endangered species known to be on or near the site. [help] Golden Paintbrush (*Castilleja levisecta*) - Threatened
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [help]

None are proposed.

- e. List all noxious weeds and invasive species known to be on or near the site. [help] English ivy (*Hedera helix*)
- 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: 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] Olympia Pocket Gopher (*Thomomys mazama pugetensis*) – Threatened Tenino Pocket Gopher (*Thomomys mazama tumuli*) – Threatened Yelm Pocket Gopher (*Thomomys mazama yelmensis*) – Threatened 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]

According to the US Fish and Wildlife Service IPac database, the following migratory bird species may be present at the site seasonally.

Bald Eagle (Haliaeetus leucocephalus) Clark's Grebe (Aechmophorus clarkii) Golden Eagle (Aquila chrysaetos) Lesser Yellowlegs (Tringa flavipes) Long-billed Curlew (Numenius americanus) Marbled Godwit (Limosa fedoa) Olive-sided Flycatcher (Contopus cooperi) Red-throated Loon (Gavia stellata) Rufous Hummingbird (selasphorus rufus) Semipalmated Sandpiper (Calidris pusilla) Short-billed Dowitcher (Limnodromus griseus) Whimbrel (Numenius phaeopus) Willet (Tringa semipalmata)

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

All construction will occur outside of Shoreline jurisdiction and be limited in duration. Many of the above species' migration will not coincide with the construction timeframe. Construction activities should cause little to no disturbance to species present at the time of work.

e. List any invasive animal species known to be on or near the site. [help] None are known.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [help]

The completed project will not require any source of energy.

 b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [help]

No, the proposed project will have no effect on any use of solar energy by adjacent properties.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: [help] None are proposed.

7. Environmental Health [help]

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

The existing vault toilet buildings will be removed according to the City of Olympia Environmental Health Requirements. A new toilet building will be installed in the same location as the existing toilet buildings. This new vault toilet building will be maintained and pumped regularly by qualified maintenance staff. There is potential for the vault to crack, causing a spill into the surrounding area and potentially into ground water. However, the CXT vault toilet building is completely sealed and self-contained. There is minimal risk of the vault cracking and spilling sewage.

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

No sources of contamination are known at this site.

- Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. [help] None are known at this site.
- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. [help]

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

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

No special emergency services are anticipated.

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

Fueling will be done off site to prevent any source of fuel from entering surface waters. A spill kit will be available on site in the event of an accidental spill.

- b. Noise [help]
 - What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [help] None.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. [help]

No noise will be generated by this project after construction.

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

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

8. Land and Shoreline Use [help]

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

The site is currently used as a WDFW Water Access site, allowing public access to Ward Lake for fishing, swimming and other recreational activities. The adjacent properties are all private residences. The project proposal will not affect current land uses to adjacent properties.

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [help]
 - No.
 - 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 two vault toilet buildings currently on site as well as chain link perimeter fence.
- d. Will any structures be demolished? If so, what? [help]
 Yes. The two existing vault toilet buildings will be removed.
- e. What is the current zoning classification of the site? [help] Single-Family Residential 4-8
- f. What is the current comprehensive plan designation of the site? [help] Single-Family Residential 4-8
- g. If applicable, what is the current shoreline master program designation of the site? [help] The project site is not within City of Olympia Shoreline Jurisdiction.
- 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] No people would be displaced.
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help]
 Recreation is compatible with City of Olympia land use policies. The proposed project will be conducted in accordance with required City of Olympia permits and conditions. This project is also compatible with WDFW policy to provide public recreational access to shoreline areas.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [help]

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

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

None.

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

None.

c. Proposed measures to reduce or control housing impacts, if any: [help] None are proposed.

10. Aesthetics [help]

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

The tallest height of proposed structures would be the vault toilet building, which measures 11' 6" at the peak of the roof. The vault toilet building exterior material would be stone aggregate.

- b. What views in the immediate vicinity would be altered or obstructed? [help] None.
- b. Proposed measures to reduce or control aesthetic impacts, if any: [help] None.
- 11. Light and Glare [help]
- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [help]

None.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [help] No.
- c. What existing off-site sources of light or glare may affect your proposal? [help] None are known.
- d. Proposed measures to reduce or control light and glare impacts, if any: [help] None are proposed.

12. Recreation [help]

- a. What designated and informal recreational opportunities are in the immediate vicinity? [help]
 Fishing, wildlife viewing, running, dog walking, swimming and boating activities all occur in the general vicinity.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [help] No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [help]

The proposed project will upgrade the water access site for enhanced public use.

- 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]

No.

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

No known landmarks, features, or other evidence of Indian or historic use or occupation exist on the site.

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]

An Internal Cultural Review by WDFW is expected to occur prior to construction. A WDFW inadvertent discovery plan will be in place so that if any cultural resources are identified during construction, construction activities will stop and the inadvertent discovery plan will be followed. 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]

An Internal Cultural Review by WDFW is expected to occur prior to construction, which will include measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. A WDFW inadvertent discovery plan will be in place so that if any cultural resources are identified during construction, construction activities will stop and the inadvertent discovery plan will be followed. All conditions of federal, state, and local permits will be followed to help reduce or control impacts to cultural and historical resources.

14. Transportation [help]

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [help] The project site is accessed by Ward Lake Ct 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]
 No.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]

The vehicle parking capacity will remain the same. An ADA accessible parking space will be installed in accordance with ADA specified requirements.

- 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]

Users of this site will be members of the public using the site for recreational purposes.

Vehicles are expected to be characterized as passenger cars and trucks. It is expected that no commercial or non-passenger vehicles will use this site. Peak volumes are expected to coincide with fishing seasons as well as favorable weather.

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 proposed.

15. Public Services [help]

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [help]
 No.
- b. Proposed measures to reduce or control direct impacts on public services, if any. [help] None proposed.
- 16. Utilities [help]
- a. Circle utilities currently available at the site: [help] electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other

No utilities are presently available at the site.

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 project.

C. Signature [help]

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

Signature: Augur	_
Name of signee Anna Sample	
Position and Agency/Organization Biologist 3 WDFW	_
Date Submitted: _1/11/18	