

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

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:

Please complete 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. ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). For nonproject actions.

A. BACKGROUND

1. Name of proposed project, if applicable:

Sutherland Lake Access

2. Name of applicant:

Washington Department of Fish and Wildlife

3. Address and phone number of applicant and contact person:

600 Capitol Way N, Olympia, WA 98501: Chris Gourley (360) 902-8392

4. Date checklist prepared:

03/04/13

5. Agency requesting checklist:

Washington Department of Fish and Wildlife

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

Construction is scheduled to begin in 2013 as permits require

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

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.

None are known at this time.

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

A Clallam County Shoreline Exemption Permit, a Clallam County Health Permit, a Clallam County Septic Report will need to be approved, a U.S. Army Corps of Engineers permit, and a WDFW Hydraulic Project Approval permit will be needed.

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.)

This project includes the renovation of an existing boat launch ramp and access site on Sutherland Lake. The existing boat launch and vault toilets will be removed. A new boat ramp using WDFW standard boat ramp planks will be installed, Armorflex matting will be installed around the boat ramp, a new double vault toilet will be installed, and a new handling float will be installed. Parking and driveway improvements will be constructed, including an asphalt ADA accessible parking pad and gravel resurfacing. An ADA ramp will be installed leading to the handling float.

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, "and county" 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.

The Sutherland Lake Public Access Site is located in Clallam County on Sutherland Lake at Yew Tree Drive. Go south from Port Townsend on Hwy 101 for 12 miles and turn left onto South Shore Road. Travel 1.7 miles and turn right onto Yew Tree Drive. The parking and access area is on the left. The project is located in Township 30N, Range 8W, and Section 21. The parcel number is 76834. See attached maps for more detail.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site

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

b. What is the steepest slope on the site (approximate percent slope)?

Steepest slope at the toe of the ramp (at the end of the Armorflex) is = 45%

Steepest Design Slope for the ramp is = 18%

Steepest existing slope on the whole site is = 50%

Steepest Proposed Design slope in vegetative area is = 50%

Steepest Proposed Design slope for paved areas is = 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 prime farmland.

The soils on the property are classified as Lyre very gravelly sandy loam on slopes of 0 to 15%, a glacial outwash soil found on outwash terraces. The other major soil is Terbies very gravelly sandy loam on 30 to 65% slopes, with sandstone, siltstone, and conglomerate rock parent materials found on mountain slopes. Other soils in the area are similar soils, with Wyemcreek-Stormking complex (50-90% north slopes) and Stormking extremely gravelly sandy loam (20-50% north slopes) in outlying areas.

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

No.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

The purpose of the project is to improve public access of Lake Sutherland by making parking and driveway improvements, including the addition of an asphalt Americans with Disabilities Act (ADA) accessible parking pad at the vault toilet and at the ramp leading to the handling float, a pathway leading to the float, gravel parking lot resurfacing, removal of existing toilets and replacement with a double CXT vault toilet, removal of existing boat ramp and replacement with a new standard ramp, installation of a handling float, and general site grading.

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

Not likely. There will be a minimum of new disturbed areas with all construction occurring primarily within previously disturbed and utilized areas.

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

The site is 24.0 acres. Of that, 12,206 square feet is impervious or 0.011%. After construction there will be 13,236 square feet of impervious or 0.012%. The access area consists of impervious gravel and asphalt surfaces. There will be an increase of 1,030 square feet of impervious surface on the site due to the ADA accessible walkway.

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

Temporary erosion and sediment control measures will be used during construction as described in the site plans. Staging and refueling of machines will be conducted out of the OHWM with non-toxic lubricants. Additional siltation prevention BMPs include filter fabric fences and hay bales. At project conclusion, these materials will be removed by hand and taken to an approved disposal site out of the flood zone.

Construction traffic will be limited or prohibited over unprotected soil. All exposed soils will be sloped to promote runoff and covered with straw mulch and grass seed. Any disturbed plants above OHW will be replanted with native species within the riparian area. All work will be done in accordance with the terms and conditions of required permits. Please see site drawings for additional details.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

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.

No

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Standard emission control converters and mufflers would be in use by construction vehicles.

3. Water

- 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.

Sutherland Lake is located at the property's edge and is the water body that will be accessed with site improvements. The lake has been developed, with much of its shoreline developed with homes and access areas. Motor boats are allowed on the lake and many access docks and launches are present. There is a small seasonal stream to the west and south of the property and it will not be impacted. It is unnamed and is designated as fish bearing by DNR and is not within the site.

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

The work will be conducted adjacent to and in the lake. In water work will consist of the grading and subgrade gravel placement under the ramp as well as the sliding and placement of the ramp parts. The handling float will be installed over the water with steel pilings being driven into the lake bed at least 15'.

- 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.

The removal of materials below OHW will constitute approximately 36 cubic yards of material. The new ramp with Armorflex mats and to fill the prop wash hole will be 100 cubic yards of fill, with a total net impact of 64 cubic yards of additional fill compared to current existing conditions.

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

The boat ramp will not require a diversion or withdrawal of surface water for removal or replacement. A turbidity curtain will be placed in the lake around the area needed to install the boat launch and Armorflex.

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

No. Any wastes will be contained within the turbidity curtain installed around the ramps during the time of demolition and construction.

b. Ground Water:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

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.

Not Applicable.

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.

Storm water will be routed along the north side of the property by a new concrete valley gutter. Erosion is taking place currently and all runoff enters the lake. The concrete valley gutter will channel the runoff so that erosion does not occur on the site, keeping gravel from entering the lake.

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

No. If any contamination reaches surface waters, immediate action will be taken to clean the spill with approved spill kits and decontaminants.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:
Temporary erosion and sediment control measures will be used during construction as described in the site plans. Staging and refueling of machines will be conducted out of the OHWM with non-toxic lubricants. During project demolition and construction, a turbidity curtain will be installed around the ramps to contain any debris. Additional siltation prevention BMPs include filter fabric fences and hay bales. At project conclusion, these materials will be removed by hand and taken to an approved disposal site out of the flood zone.

Construction traffic will be limited or prohibited over unprotected soil. All exposed soils will be sloped to promote runoff and covered with straw mulch and grass seed. Any disturbed plants above OHW will be replanted with native species within the riparian area. All work will be done in accordance with the terms and conditions of required permits. Please see site drawings for additional details.

4. Plants

- a. Check or circle types of vegetation found on the site:

- deciduous tree: **alder, maple**, aspen, other:
 evergreen tree: **fir, cedar**, pine, other
 shrubs
 grass
 pasture
 crop or grain
 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?

No vegetation will be removed.

- c. List threatened or endangered species known to be on or near the site.

The Natural Heritage Program (NHP) databases as well as the federal agency listings (USFWS) were examined for threatened or endangered plants on February 27, 2013. State listed species include the following:

Endangered: *Abronia umbellata* var. *breviflora* (historical occurrences not near site)

Threatened: *Astragalus australis* var. *olympicus* (current distributions are not near site), *Claytonia multiscapa* ssp. *Pacifica* (no information on distribution available), *Coptis trifolia* (current distribution not near site), *Draba longipes* (historic distribution not near site), *Erythronium quinaultense* (current distribution not near site), *Lobelia dortmanna* (possible within site), *Oxalis suksdorfii* (historic distribution not near site), *Polemonium carneum* (historic distribution possible near site), *Potentilla breweri* (no distribution near site, historic or current), *Sanguisorba menziesii* (current distribution not near site), *Sparganium fluctuans* (current distribution not near site), and *Synthyris pinnatifida* var. *lanuginosa* (current and historic distribution not near site).

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

There will not be any enhancement of vegetation on the site.

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

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

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

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

- b. List any threatened or endangered species known to be on or near the site.

Listed species near the site include Short-tailed albatross (*Phoebastria (=Diomedea) albatrus*) (endangered), Northern spotted owl (*Strix occidentalis caurina*) (threatened), Marbled murrelet (*Brachyramphus marmoratus*) (threatened), and Bull Trout (*Salvelinus confluentus*) (threatened), Leatherback sea turtle (*Dermochelys coriacea*) (endangered), and Green sea turtle (*Chelonia mydas*) (threatened). In a personal communication with WDFW Biologist Theresa Powell (09/21/12) it was determined that these species are not likely present at the site.

- c. Is the site part of a migration route? If so, explain.

Many migratory bird species use this area as part of a migration route along the Pacific Flyway. It is also visited by many waterfowl and shore birds due to its proximity to the Puget Sound.

- d. Proposed measures to preserve or enhance wildlife, if any:

To preserve fish and wildlife resources, WDFW will time this project to have minimal impact upon wildlife.

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.

None are needed.

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

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:

None are included.

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.

1) Describe special emergency services that might be required.

None.

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

Avoid use of toxic chemicals and materials. If contamination is suspected, discovered, or occurs during the project, WDFW shall test the potentially contaminated media. If the media is found to be contaminated, WDFW will notify Ecology's Environmental Report Tracking System Coordinator at the Southwest Regional Office.

b. Noise

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

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.

Increased levels of noise during construction activities are expected from this project. Hours of increased noise levels will be 7am to 6pm. Pile driving for the two piles will be performed by impact hammer. No change in noise level is expected from the completed project.

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

No special noise reduction efforts are planned.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

The current use is a public boat launch with trailer and vehicle parking. The adjacent properties include private home sites.

b. Has the site been used for agriculture? If so, describe.

No.

c. Describe any structures on the site.

This site has a boat ramp, established gravel parking area, and two vault toilets.

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

The current vault toilets and existing boat ramp will be demolished. Some asphalt will be removed (310 square feet).

e. What is the current zoning classification of the site?

Rural

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

R1

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

Shoreline Residential-Intensive

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

None.

i. Approximately how many people would reside or work in the completed project?

None.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

None.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

None.

9. Housing

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

None.

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

None.

c. Proposed measures to reduce or control housing impacts, if any:

None.

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?

The tallest new structure would be a new eight-foot vault toilet. The principal building material will be concrete.

b. What views in the immediate vicinity would be altered or obstructed?

None.

c. Proposed measures to reduce or control aesthetic impacts, if any:

None.

11. Light and glare

- a. What type of light or glare will the proposal produce? **None.** What time of day would it mainly occur?
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
No.
- c. What existing off-site sources of light or glare may affect your proposal?
None.
- d. Proposed measures to reduce or control light and glare impacts, if any:
None.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
The area is used for fishing, swimming, and boating.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
A handling float is being added to the site to allow for easier launching of boats onto the lake. ADA accessibility will be added for the site including a ramp to the handling float and additional parking. Also, the old, out-dated vault toilets will be replaced with new, concrete vault toilets.

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.
No.
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
Not Applicable.
- c. Proposed measures to reduce or control impacts, if any:
Keep project within the proposed footprint.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.
Yew Tree Drive provides direct access to the site via South Shore Road from Highway 101. No modifications will be made to the existing roads.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The site is not served by public transit. The nearest stop is approximately 4.4 miles away at Hwy 101 and East Beach Road.

c. How many parking spaces would the completed project have? How many would the project eliminate?

The completed project will add two dedicated ADA parking space and the rest of the parking area will be regraded for parking. Currently the site does not have parking spots delineated.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

No additional vehicular trips are anticipated. The access is open year-round.

g. Proposed measures to reduce or control transportation impacts, if any:

None.

15. Public services

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

No.

b. Proposed measures to reduce or control direct impacts on public services, if any.

None.

16. Utilities

a. Circle utilities currently available at the site: **No utilities exist at this site.**
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.

No utilities are planned this site.

C. SIGNATURE

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: Chris Gourley

Name of signee: **Chris Gourley**

Position and Agency/Organization: **Biologist, Washington Department of Fish and Wildlife**

Date Submitted: **March 4, 2013**

Appendix A Project Drawings