

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:

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:

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:

Luhr's Landing Access Redevelopment

2. Name of applicant:

Washington Department of Fish and Wildlife

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

*Christina Gourley
600 Capitol Way North, Olympia, WA 98501
360-790-3118*

4. Date checklist prepared:

November 7, 2019

5. Agency requesting checklist:

Washington Department of Fish and Wildlife

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

Upland work will be conducted once permits are obtained and in water work will be conducted during the applicable fish windows and during low tides or low water where possible. The approved work window for the marine areas of Puget Sound is July 16 through September 30. Work could potentially be completed after September 30 and before Feb 15 following a negative forage fish survey conducted by a trained professional.

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.

A Biological Assessment has been prepared by KPFF for the project work. Soil contamination samples were taken and analysis from Dragon Analytical is available. No contamination at significant levels was found.

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.

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

Approvals will be sought from Washington Department of Fish and Wildlife (HPA), US Army Corps of Engineers (Nationwide Permit), and any applicable Thurston County permits, including but not limited to Shoreline Substantial Development, Floodplain, critical areas, stormwater, building, and environmental health/septic.

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.)

The project site is a public boat launch and water access area on two parcels totaling 2.76 acres. Property improvements will include ADA-compliant parking; general parking improvements including grading, paving, and striping; improving surface water runoff management by installing a new drainage system; replacing the existing vault toilet with an ADA-compliant vault toilet; applying a large woody debris placement strategy with beach nourishment including spawning gravels; supporting the current boat launch by installing new articulated concrete mats for erosion protection and reduced maintenance; and removing 27 remnant piles from a previously removed pier.

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.

The project is located in Thurston County at Luhr's Landing Water Access, which is located at 4849 and 4949 D'Milluhr Road NE, Olympia, WA. From Interstate 5, take exit 114 and head southwest on Martin Way, turn right onto Meridian Road NE to the roundabout and head north on Meridian Road NE. Take a right onto 46th Avenue then a left onto D'Milluhr Road. The parcel numbers are 44400001200 and 21930340139 within Township 19N, Range 1E, Section 30.

B. Environmental Elements [\[HELP\]](#)

1. Earth [\[help\]](#)

a. General description of the site:

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

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

The boat ramp is roughly 10.5%

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.

Soils are composed of Dystric Xerochrepts 60-90% slopes; Skipopa silt loam 3-15% slopes; and Hydraquents tidal soils.

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

The area is listed as a landslide hazard area by Thurston County.

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.

Cut and fill table can be found on sheet 5 of the drawings. Approximately 1 cubic yard (CY) of material will be removed below mean higher high water (MHHW) in the removal of the last boat ramp plank. Existing concrete blocks (current articulated concrete mats) will be removed from above (2CY) and below (3CY) MHHW. Approximately 82CY of asphalt will be placed on the parcel. Approximately 4CY of concrete will be added near the articulated concrete mat above MHHW. 20CY of articulated concrete mat will be added (3CY above and 17CY below MHHW). 12CY of crushed surface base coarse will be added below MHHW and 2CY above to provide a base for the articulated concrete mats. 55CY of crushed surface top coarse will be used above MHHW for resurfacing in the parking area where asphalt paving will not occur. Roughly 70CY of beach nourishment material will be placed on the beach below MHHW and 4CY of large woody debris rootwads will be placed on the beach as mitigation. Grading materials are expected to be removed (60CY) and some new (30CY) to make the area meet sloping criteria.

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

The purpose of adding many of the elements of the project is to reduce the erosion. While erosion could occur, BMPs will be in place and constant monitoring will occur to make sure the work does not negatively impact the surrounding environment.

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

No new impervious surface is being added to upland areas for this project. The site already has gravel and paved areas, as well as a concrete boat ramp. Articulated concrete mats will be added around the edging of the ramp with an increase of less than 1,000 square feet with 20% open space.

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

Standard BMPs will be in place for all project actions. These may include straw wattles, sandbags, infiltration areas, and rock check dams to reduce sediment-laden water leaving the site.

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.

The project will have estimated temporary impacts from construction equipment. No additional emissions are anticipated after project completion.

- 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:

Construction equipment will be fitted with standard emission reducers and will not be left to idle when not in use.

3. Water [\[help\]](#)

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

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

McAllister Creek empties into the Nisqually delta at Nisqually Head in the Southern reaches of the Salish Sea. This is a brackish area that is influenced by tidal action.

- 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.

Project work will occur in and near water. The boat launch will be left in place and one end plank will be removed. The articulated concrete matting that currently exists near the shoreline, both above and below MHHW, will be removed. New articulated concrete matting with 20% open space will be placed around the mat as shown on the plans. During construction, placement will occur at the lowest water possible and all large equipment will be kept within the footprint of the current boat launch. Other work below MHHW will include placement of large woody debris and the addition of beach nourishment sediment north of the boat launch. Pile removal work used for mitigation will occur below MHHW when water levels are low.

Work adjacent to water will occur in the parking area where grading, paving, and stormwater improvements will be made for public safety and ADA-compliant access.

- 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.

Please see the following as listed on Sheet 5 of the drawing set.

QUANTITIES				
MATERIAL	CUT BELOW MHHW	FILL BELOW MHHW	CUT ABOVE MHHW	FILL ABOVE MHHW
EXISTING CONCRETE RAMP	1 CY			
EXISTING CONCRETE BLOCKS	3 CY		2 CY	
ASPHALT				82 CY
CONCRETE LOADING PLATFORM				4 CY
ARTICULATED CONCRETE MAT		17 CY		3 CY
CSBC		12 CY		2 CY
CSTC				55 CY
BEACH NOURISHMENT MATERIAL		70CY		
ROOTWADS		4 CY		
GRADING FILL			60 CY	30 CY

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

No surface water withdrawals or diversions are necessary. All work will be conducted at low water conditions and equipment will work within previously disturbed footprints.

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

Yes. FIRM map panel # 53067C0201F, effective 05/15/18, shows a portion of the property is within Zone VE with base flood elevation of 16 feet.

- 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.

There are no adverse changes to waste material discharge. No new discharges will be added. The access site is sloped and drains into the waterbody. Stormwater improvements are being made per Thurston County requirements for development. The site was evaluated by KPFF, professional engineers.

b. Ground Water: [help](#)

- 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.

No groundwater will be withdrawn for this 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.

There will be no discharge into the ground. Currently, an enclosed vault toilet exists on the property. The proposed project will remove the current vault and replace the unit with a new, pre-cast vault toilet.

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.

Stormwater runoff is present on the site due to the sloping nature of a boat launch and access to water. Type 1 catchbasins will be added in 2 locations and an energy dissipating mat will be placed at the outfall above MHHW (see Sheet 7).

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

Waste materials are not anticipated to enter ground or surface waters.

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

No drainage patterns will be altered in the vicinity of the site. Some grading on the site will allow for additional filtration of runoff through existing swales and the catch basins added to the site.

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

Grading has been proposed to utilize the natural surrounding topography and existing swales to reduce and control runoff waters. Addition of catch basins will further improve water leaving the parking areas.

4. **Plants** [\[help\]](#)

a. Check the 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
- 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?

Vegetation is not anticipated to be altered or removed on the site.

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

No threatened or endangered plant species are known to be on or near the site.

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

Revegetation will occur in places where soils are disturbed or where vegetation presents a construction hardship for means and methods. No use of plants is anticipated beyond these areas.

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

Himalayan blackberry exists 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.

Examples include:

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

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

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

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

Marbled murrelet, streaked horned lark, PS Chinook salmon, PS steelhead, PS bull trout, southern resident killer whale, humpback whale, and Mazama pocket gopher are all listed in this area. A biological assessment has been prepared on the project and potential impacts to species and critical habitats.

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

Yes. This is part of the Pacific flyway for migratory birds and is also a migration route for salmonids.

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

The improvements proposed on the site will include mitigation elements. These include piling removal, LWD placement, and beach nourishment gravels being placed to enhance shoreline and nearshore opportunities for refugia, spawning, and utilization, including the increased availability and habitat for seagrasses.

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

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.

None.

- 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.

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.

None are known.

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

The soils were checked for contamination by Dragon Analytical due to the proximity to the Tacoma Smelter Plume. No significant contamination amounts were found.

- 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.

None.

- 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.

None.

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

The site is already a developed public access site and the use is not changing. There are no anticipated increases to emergency services.

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

None are proposed.

b. Noise

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

No types of noise exist that may 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)? Indicate what hours noise would come from the site.

Short term construction noise will be created due to the operation of machinery and equipment and the material deliveries that will need to occur. Construction noise will occur between 7am and 6pm, or per allowable times with guidance from Thurston County. Once the project is complete, there are no additional anticipated noise impacts to the site.

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

Noise impacts will be minimal and temporary in duration. All construction will fall within the guidelines set forth by Thurston County.

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.

The site is currently a water access site operated by WDFW. The Nisqually Nature Center is also present on the site in a building leased to the organization by WDFW. Construction noise may affect adjacent properties, but the use of the property 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?

No.

- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

- c. Describe any structures on the site.

The Nisqually Nature Center is in fair condition on the site. It is not a part of this project proposal. There is a fair condition vault toilet on the site and a concrete boat launch. A kiosk is also present, as well as parking areas.

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

The current vault toilet will be removed and replaced with a new vault toilet.

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

Current zoning is RL ½. (Residential Lamird – One dwelling per 2 acres)

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

RL ½. (Residential Lamird – One dwelling per 2 acres)

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

Rural

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Marine riparian review area and landslide hazard review areas are listed as possibilities within County databases.

- 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:

There will not be displacement impacts.

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

The use of the site is not changing. The proposal incorporates ADA compliant access and does not violate any urban growth or similar documentation.

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

There are no impacts to agricultural or forest lands in this proposal.

9. Housing [\[help\]](#)

- 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 [\[help\]](#)

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

The precast concrete vault toilet is the tallest proposed structure on the site. The exterior will be a neutral color. The vent pipe is 12'3" tall.

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

No views will be obstructed. The vault toilet is located near tall trees and will be in the same location as the current toilet.

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

The exterior of the building will be neutral in color to reduce aesthetic impacts.

11. Light and Glare [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

There will be no added light or glare with this proposal.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No. There are no light or glare impacts.

- c. What existing off-site sources of light or glare may affect your proposal?

No sources of light or glare will affect the proposal.

- d. Proposed measures to reduce or control light and glare impacts, if any:

There are no proposed measures to reduce or control light and glare impacts.

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity?

This is a public water access site. There is a boat launch and beach access as well as parking and a vault toilet. The most common uses of this site include bird and wildlife viewing; boating access; fishing access; shellfishing access; and beach access. The Nisqually Reach Nature Center is used for learning opportunities as well as extracurricular meetings.

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

The project aims to enhance current opportunities by providing additional ADA compliant resources including parking. Temporary closures of the site will occur while construction is occurring for public safety.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

The site will need to be closed during construction. This time will be the least amount of time possible to control impacts on recreation. The WDFW Public Affairs division will post updates on the closure for public access.

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.

Yes, previously recorded archaeological site and traditional cultural properties are within 1-mile of project area. The site and surroundings have been reviewed by WDFW Archaeologist.

- 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.

Taylor 2019 cultural resource survey conducted of project area.

- 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.

Intensive cultural resource survey. Consultation with affected tribes.

- 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.
Archaeological monitoring during project implementation. WDFW Inadvertent Discovery Plan.

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.
The access area is at the end of the County road and will not block any access to other users. D'Milluhr Road is the public 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?
The closest bus stop is approximately 3 miles away at Route 62A served by Intercity Transit.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
Currently, parking areas are not striped. The improved lot will provide striping delineating nine car parking spots (one is ADA compliant) and 11 trailer parking spots (one is ADA compliant). Additional gravel parking areas may be used as parking. No parking spaces 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).
There will not be any improvements to existing roads or streets. ADA compliant parking as associated walking areas will be delineated for this proposal.
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No transportation methods will be used in the proposal. The project is not near water, rail, or air transportation areas.
- 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?
The project is not anticipated to increase traffic to the area. Peak volumes of use will likely be during recreational fishing times with favorable weather conditions. Non-passenger vehicles are not anticipated, though trailers with boats are often present on the site. No transportation studies have been conducted.
- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.
No.
- h. Proposed measures to reduce or control transportation impacts, if any:
No transportation impacts are anticipated.

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.

The use of the site is not anticipated to change and there is no expected increase in need for public services.

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

The use of the site is not anticipated to change and there is no expected increase in need for public services.

16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other Vault toilet tank

(The Nature Center has electricity and a septic dydtem, as well as water and communications. The Nature Center is not a part of the project.)

- c. 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.

A new tank placement permit will be received from Thurston County to replace the aging vault toilet. No other utilities are proposed for the project or access area.

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: Christina Gourley

Name of signee Christina Gourley

Position and Agency/Organization Fish and Wildlife Biologist 4, WDFW

Date Submitted: 11/07/19