SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

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*:** [help]

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

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

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [help]

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. background [help]

1. Name of proposed project, if applicable: [help]

Martin Access Renovation

2. Name of applicant: [help]

Washington Department of Fish and Wildlife

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

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

4. Date checklist prepared: [help]

June 27, 2016

5. Agency requesting checklist: [help]

Washington Department of Fish and Wildlife

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

June 2017 to December 2017

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

No.

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

Documents required for application materials for WDFW, Cowlitz County, and the US Army Corps of Engineers (Corps) may include a biological assessment or others.

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]

County shoreline permit, WDFW HPA, Army Corps Permit

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 access has a concrete boat launch, a toilet, and a gravel parking lot. The boat launch will be removed and replaced with a new pre-cast concrete plank ramp with articulated concrete mats on the sides for erosion control. The gravel parking area will be paved (approximately 15,795 square feet) and striped to delineate parking spots for vehicles (6) and trailer spots (3). All three trailer spots will be ADA compliant and two of the vehicle spots will be ADA compliant. The existing rain garden will be expanded and cleaned out, with barrier rock being placed around the perimeter. A quarry spall pad will be placed at both ends of an existing culvert that drains the rain garden.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. [help]

The Martin Access is located on the Lewis River in Cowlitz County. Follow I-5 to Woodland, exit 21. Head west off the freeway. Take a left onto Goerig St and a right onto Davidson Avenue. Turn left onto

5th St and continue onto S Pekin Rd. The access can be found at the end of the road. The access is located in Township 5N, Range 1E, and Section 32. The parcel number is EA3104002.

B. ENVIRONMENTAL ELEMENTS [help]

1. Earth

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

b. What is the steepest slope on the site (approximate percent slope)? [help]
The boat ramp has a slope of approximately 15% above MHHW.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]
The site itself is primarily Riverwash and Newberg fine sandy loam, 0 to 3 percent slopes.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help]
There are no unstable soil indicators, but the peninsula has been formed through river movement and deposition. It has been stable in the access area since at least the establishment of the parking area. The area is comprised of mainly young alluvial and mass wasting deposits and terrace deposits are found on the river bank on the other side of the river.

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]
No additional area will be altered outside of already impacted areas. The ramp will be removed and a new one placed in the same area. The parking area will be graded and paved.

Materials	Above MHHW		Below MHHW	
	Area SF	Volume CY	Area SF	Volume CY
Planks	1022	19	480	9
Articulated Concrete Mat	772	14	552	16
Ramp Subgrade (Fill)	1794	22	1032	12
Ramp Demo (Cut)	983	-31	435	-8

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help]
While erosion is possible, BMPs will be in place to reduce any potential impacts due to construction activities. BMPs such as straw wattles and hay bales are shown on erosion control plans in sensitive locations. Clearing and grading will be minimal, so the risk of erosion is low.

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

The site is currently graveled and the asphalt paving will be in the same footprint as the gravel. This will cover approximately 15,795 square feet. No additional impervious surface will be added.

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

BMPs such as straw wattles and hay bales are shown on erosion control plans in sensitive locations.

2. Air

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]

Standard emissions from machinery would be present during construction, but no additional emissions are expected after project completion.

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]

None.

3. **Water**

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. [help]

The site accesses the Lewis River. The Lewis River flows into the Columbia River approximately 3 miles downstream of the site. At the access site, the river is tidally influenced.

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

Yes. The boat ramp will be removed and replaced below MHHW of the Lewis River and landward. Much of the site work including some paving and striping will be within 200 feet of the MHHW. There will also be a quarry spall dissipation pad placed at the culvert outlet from the rain garden. This will be above MHHW.

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 table below indicated the fill and dredge associated with the boat ramp.

Materials	Above MHHW		Below MHHW	
	Area SF	Volume CY	Area SF	Volume CY
Planks	1022	19	480	9

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Ramp Subgrade (Fill)	1794	22	1032	12
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4) 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]

Yes. The area of work is outside a dike which controls any flood waters. The dike is located to the north of the project site and the dike serves as the access road to the site.

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]

No waste materials will be discharged to surface waters.

b. Ground Water:

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

No groundwater will be withdrawn for any purpose.

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 is currently a vault toilet on the site and it will not be disturbed.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. [help]

Stormwater runoff from the site is directed into the rain garden. The drainage plan is shown of Sheet 5. It shows the sloping of the parking area to facilitate the drainage to the low points of the site.

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

Waste materials will not enter ground or surface waters. BMPs will be placed to reduce the possibility of waste entering these areas. Straw bales, straw wattles, and similar will be placed to aid in keeping waste materials from entering waters.

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

The drainage on the site itself is being improved with gentle grading, but the surrounding area will

retain current grading and drainage patterns.

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

The expanded rain garden will have increased capacity and grading will facilitate any drainage to the proper area.

4. **Plants** [help]

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

_X__deciduous tree: alder, maple, aspen, other
_X__evergreen tree: fir, cedar, pine, other
_X__shrubs
____grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____water plants: water lily, eelgrass, milfoil, other
____other types of vegetation

b. What kind and amount of vegetation will be removed or altered? [help]

4 cottonwoods will be removed for the removal and replacement of the ramp. No other vegetation will be altered.

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

Golden Paintbrush – *Castilleja levisecta* – Threatened (USFWS)

Nelson's checker-mallow – *Sidalcea nelsoniana* – State Endangered, Federally Threatened (DNR Natural Heritage Program)

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

New landscaping is not proposed.

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

Noxious weeds that may be present at the site include scotch broom, reed canary grass, Himalayan blackberry, purple loosestrife, and possible others.

5. **Animals**

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: [help]

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]
Streaked Horned Lark (*Eremophila alpestris stigmata*) – Threatened
Yellow-billed Cuckoo (*Coccyzus americanus*) – Threatened
Bull Trout (*Salvelinus confluentus*) – Threatened (Critical Habitat Designated in the Lewis River)
Chinook Salmon (*Oncorhynchus tshawytscha*) – Threatened (Critical Habitat Designated in the Lewis River)
Coho Salmon (*O. kisutch*) - Threatened
Chum Salmon (*O. keta*) – Threatened (Critical Habitat Designated in the Lewis River)
Steelhead (*O. mykiss*) – Threatened (Critical Habitat Designated in the Lewis River)
Eulachon (*Thaleichthys pacificus*) – Threatened (Critical Habitat Designated in the Lewis River)

c. Is the site part of a migration route? If so, explain. [help]
Fish and birds migrate through this area using land and water resources.

d. Proposed measures to preserve or enhance wildlife, if any: [help]
Work will be completed during approved work windows to reduce impact on wildlife. Because the work will occur in previously disturbed areas, no new disturbances will occur, reducing potential impacts on species.

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

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. [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

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]
There are no known environmental health hazards. When boats are present, there is increased risk of chemical exposure, but exposure is rare.

1) Describe any known or possible contamination at the site from present or past uses.
None 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.

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.

During project construction, fuels are kept on site to refuel construction vehicles. They are managed appropriately and are not accessible to non-construction persons. Once the project area is reopened to the public, chemicals related to boating may be present.

4) Describe special emergency services that might be required.

The site is already an active access area. No additional emergency services will be required once improvements are made to the site.

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

None.

b. **Noise**

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

No existing noise 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)? Indicate what hours noise would come from the site. [help]

No long term noise effects will be created. During project construction, noise will be created with use of an excavator (81 dBA), dump truck (76 dBA), and possible dozer (82 dBA). Paving machinery will also create a noise impact (77 dBA). All sound values given are the average maximum noise level at 50 feet according to the WSDOT Biological Assessment Preparation Manual.

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

None proposed.

8. **Land and shoreline use**

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 an access site for the Lewis River. Adjacent land is riverine forest, farmland, and residential. Adjacent properties will not be affected because the current land use will not change on the site.

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]

The site was granted to WDFW in 1964 to be a public access, which it has served as. It may have been forested before that, but the site has been used as river access for over 50 years.

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:

The proposal will not affect or be affected by surrounding land uses.

c. Describe any structures on the site. [help]

Currently, there is a concrete vault toilet on site and a pre-cast concrete plank boat ramp. The ramp will be replaced and the vault toilet will be left in place.

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

The ramp will be removed and replaced with a new ramp in the same location.

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

Remote

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

Remote

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

Rural Conservancy

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

No.

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

None.

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

None.

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

None.

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

The proposal doesn't change the use of the property.

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

None. The use of the property will not change.

9. **Housing**

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

None.

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

None.

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

None.

10. **Aesthetics**

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

No structure will be built on the property. The boat launch will be replaced, but it is not higher than the grade of the rest of the parking lot.

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

None.

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

None.

11. **Light and glare**

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

None.

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

No.

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

None.

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

None.

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity? [help]

The site allows for public access of the Lewis River for boating, fishing, and general wildlife watching.

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

Recreational uses will be displaced for a short time while the access is being improved and is closed for public use. This will be a temporary closure.

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 site will not change in use properties except that the improvements will allow for easier boat launching. The site will be closed for the shortest amount of time necessary to complete the improvements to allow the public to continue to access the site.

13. **Historic and cultural preservation**

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

WDFW project review includes archival review using DAHP's WISAARD database and local land use patterns. According the results of WDFW review of the project, the landform is one poorly sensitive for cultural resources. There are some sites listed on WISAARD within the town of Woodland, over 2.5 miles from the site. Other possible historic sites are listed without determination on the other side of the river, within Clark County. There are no sites listed on or near the site.

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

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

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [help]

WDFW will review the project to assess the likelihood that the project would encounter archaeological resources. The assessment will be based on archival review using DAHP's WISAARD database, the results of consultation, an understanding of local expressions of precontact and historic era settlement patterns, and a consideration of the scope and nature of the proposed project. This project requires a Corps permit. Within the permitting process, the Corps will consult with tribes and DAHP under Section 106.

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.

Projects will be designed in order to eliminate the risks of disturbing cultural resources. The project review informs project design, as does consultation and geomorphological studies. If the project encounters archaeological deposits or features, WDFW's Inadvertent Discovery Plan will be enacted. Contractors and WDFW staff will be briefed on the plan prior to project initiation. In some case, the risk assessment may lead WDFW to conduct archaeological monitoring during project construction. Monitoring plans will be informed by archival research, consultation and geomorphological studies. All

work being completed onsite is within already impacted areas and strata of soil. There is no anticipated disturbance to resources because resources will not be accessed if they exist on the site.

14. **Transportation**

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 accessed via S Pekin Road out of Woodland. No new access will be made to public streets or highways.

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]

The site is not currently served by public transit. The closest transit stop is approximately 19 miles from the site.

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 current parking area does not have designated parking spots. The proposed parking area will have 6 vehicle spots, 2 of which will be ADA compliant, and 3 trailer parking stalls, all of which will be ADA compliant.

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 improvements will occur to existing roads.

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]

WDFW does not foresee an increase in vehicle trips due to the improvements on the site. The access area is designed to appeal to recreational users with passenger vehicles, trailers, and boats.

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: [help]

There are no anticipated transportation impacts.

15. **Public services**

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 site use is not changing and the use is not expected to increase requiring additional services.

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

There will not be increased impacts to public services.

16. **Utilities**

a. Circle utilities currently available at the site: [help]
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other There is a vault toilet on 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 included in the proposal,

C. Signature [HELP]

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

Signature: 

Name of signee Christina Goudley

Position and Agency/Organization Biologist 3/ WDFW

Date Submitted: June 27, 2016