

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:

Lind Coulee Redevelopment

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, Bridgette Glass, (360)790-3036

4. Date checklist prepared:

03/18/2020

5. Agency requesting checklist:

WDFW

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

Late summer/fall of 2020 or 2021. It will take approximately 3 months to complete the work.

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

None are known at this time.

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

None are known 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.

This project will require a 404 Clean Water Act Permit (Nationwide) through the Army Corps of Engineers, a Hydraulic Project Approval through WDFW, SEPA review through WDFW, Grant County Shoreline exemption or conditional use and critical areas permits and cultural resource 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.)

This project will replace existing vault toilets with new toilets that allow for ADA access, will install an ADA loading platform adjacent to two ADA parking stalls, will resurface the existing asphalt paved parking area, increase the asphalt paved footprint to double the existing size where there is currently gravel, and will grade and add additional gravel within the existing trailer parking area and camping area. This project will also include maintenance of the existing boat ramp by removing broken planks below the ordinary high water mark and replacing those with poured in place concrete slabs. Not all planks will be replaced. Fractured ballast rock will be added to the sides of the boat ramp to replace the mixed gravel that is currently there.

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.

Rd M SE, Moses Lake, WA 98837
Grant County

Latitude/ Longitude:
46.98932°, -119.20996°

T:17 R:29 S:05

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

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

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)?

The steepest slope is 7% on the boat ramp.

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.

According to the Natural Resources Conservation Science websoil map, Quincy loamy fine sand (0-15% slopes and 15-35% slopes), Scoon complex (0-10% slopes) and Timmerman coarse sandy loam (5-10% slopes). Quincy loamy fine sand occurs at elevations of 200-4,500 ft with a mean annual precipitation of 6-12 inches and is considered to be farmland of unique importance. This area is already covered by impervious surfaces and has been serving as a recreation site so there is no loss to existing farmland as a result of this project. Additionally, this soil complex comprises less than 20% of the total work area. The Scoon complex occurs at elevations of 1,000 to 4,900 ft with a mean annual precipitation of 6-12 inches and is not considered to be prime farmland. The Timmerman coarse sandy loam occurs at elevations of 400 to 1,300 ft with a mean annual precipitation of 6-9 inches and is considered prime farmland if irrigated. The area where this soil is found in the project area is already covered with impervious surfaces where the work will occur and is not serving as farmland thus there will be no loss of existing farmland as a result of this project.

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

These soils do not have a history of being unstable in the immediate vicinity of the project area.

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.

The current boat ramp planks below ordinary high water are in disrepair and they will be removed (excavated) and replaced. Approximately 980 square feet of boat ramp will be replaced. The cut and fill volumes are included in the table below. The existing parking lot contains potholes and is in need of repair. Approximately 20,000 sq. ft. of asphalt is going to be repair and replaced. An additional 20,000 sq. ft. of gravel will be converted to asphalt paved parking lot. Fill will be from a local gravel source within Grant County.

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

QUANTITIES					
AREA	MATERIAL	CUT BELOW OHW	FILL BELOW OHW	CUT ABOVE OHW	FILL ABOVE OHW
RAMP	CONCRETE CAST-IN-PLACE	18 CY	18 CY	0 CY	0 CY
RAMP	MIXED GRAVEL	54 CY			
RAMP	FRACTURED BALLAST ROCK 2" TO 6"		54 CY		
RAMP	NATURAL MATERIAL	120 CY		12 CY	
RAMP	RIPRAP FRACTURED ROCK	31 CY	120 CY	0 CY	12 CY
NEW PARKING	HMA				202 CY
EXISTING ASPHALT	HMA				215 CY
NEW PARKING	CSTC				134 CY
NEW PARKING	CSBC		0 CY		269 CY
LOADING RAMP	NATIVE MATERIAL			11 CY	
LOADING RAMP	CONC AND GRAVEL				11 CY
NEW PARKING	MIXED GRAVEL			403 CY	
	TOTAL CUT/FILL	223 CY	30 CY	425 CY	842 CY

Yes, erosion could occur as a result of grading the parking area and excavation activities associated with replacing the vault toilet. BMPs such as straw wattles and silt fencing will be used as needed to reduce sediment entering Potholes Reservoir.

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

Most of the work area is already covered in impervious surfaces including gravel, asphalt, vault toilets and concrete boat ramp planks. We will be expanding the footprint of only the boat ramp area by adding articulated concrete matting adjacent to the concrete boat ramp planks. The articulated concrete matting has 20% open space. This will increase the existing impervious surface footprint by 141 square feet with the addition of the ADA loading platform.

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

Best management practices will be applied, in order to control as much temporary erosion as possible.

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.**

Air emissions may increase slightly during construction from the heavy equipment. This project will not be providing additional ongoing emissions once the project is completed.

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

None are known.

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

Standard emission control converters and mufflers will be used by construction vehicles.

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.**

The Potholes Reservoir is directly adjacent to and within the project area for this project. The boat ramp maintenance work will occur below ordinary high water within Potholes Reservoir.

- 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.**

Yes, this project will occur in and adjacent to (within 200 ft) the Potholes Reservoir. The installation of the new boat ramp planks to the existing boat launch will be conducted within the water, at low level times. The grading and asphalt paving of the parking area, and installation of the vault toilets and ADA loading platform will occur within 200 ft of the shoreline of Potholes Reservoir.

- 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.**

For the boat ramp, there will be approximately 223 CY of fill removed (dredge) below the OHWM and approximately 192 CY of fill would be placed in that location. There is a net removal of fill below the OHWM. See details in the table in B. 1. e) above.

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

No, this project will not require surface water withdrawals or diversions.

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

According to the FEMA Firm panel 53025C1600C effective 2/18/2009, part of the project area including the boat ramp and part of the parking and existing gravel area is within zone A which is within the 100 year floodplain zone. The rest of the project area including the vault toilets, loading ramp and the majority of the parking area and gravel turn around area is within zone X an area of minimal flooding.

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.

This project will not involve discharges of waste materials to surface waters. BMPs will be in place to prevent sediments that are disturbed during project work from leaving the project area.

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, this project does not include any well installation or water withdrawal.

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.

This project does not have any septic tanks. The vault toilets (2) will have precast concrete contains that will be emptied on a regular basis through maintenance activities.

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.

The runoff will leave the parking lot and sheetflow into Lind Coulee/Potholes Reservoir through the vegetated bank at the edge of the parking lot. There will be no collection of stormwater or other runoff.

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

Waste materials could enter the parking lot from surface waters capturing contaminants that leave vehicles and boats using the site. These could travel across the parking lot, through the vegetated buffer and into Lind Coulee.

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

No, it will not.

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

Best management practices will always be applied, but no impacts are expected.

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?

We will be removing approximately 141 square feet of grass to place the ADA access loading platform next to the vault toilets.

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

None are known.

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

None is proposed.

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

None are known.

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:
 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.

The Columbia Basin Pygmy Rabbit (E), gray wolf (E) and Yellow-billed Cuckoo (T) have the potential to be present on or near the site according to the USFWS IPaC.

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

There are several shorebirds, waterfowl and some songbirds use the area as a migratory route.

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

This work will be completed when there is no water on or in the near vicinity of the ramp. The potholes reservoir is drawn down in the summer and fall when work will be completed so we will work in the dry.

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.**

There will be no elements of the project that require energy use after the construction is complete.

- 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 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.**

There is possible risk of fuel or vehicle/machinery fluid spills or leaks due to the fact that heavy equipment will be operating in the work area. The risk of a spill or leak is not likely and spill kits are available at the project site if a spill should occur. Fueling of vehicles and machinery is completed upland and away from the water body. All equipment working in or below the ordinary high water will have nontoxic biodegradable vegetable oil.

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

None are known.

- 2) **Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.**

None are 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 are anticipated.

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

None should be needed.

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

Fueling of vehicles and machinery is completed upland and away from the water body 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

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

The project is adjacent to Road M and there will be normal traffic during the time construction will occur.

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.

Construction noise would exist during the day hours from 7 am to 5 pm.

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

None.

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.

There will be no effect on the 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?

The project area has not been used as working farmlands in the recent future.

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.

There are currently two vault toilets, a gravel parking lot, and a boat ramp.

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

The existing vault toilets will be demolished. Most of the existing boat ramp planks will be demolished so that new planks can be installed.

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

Public Open space.

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

Open space.

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

Rural conservatory.

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

No part of the site has been classified as critical area by Grant County.

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:

The proposed project updates features that are already present on the site. The only exception is the addition of a ADA loading platform near the vault toilets. This site serves as public boating access to Lind Coulee and the Potholes Reservoir. There are no proposed measures to ensure compatibility with existing and projected land uses for the site because the proposed actions are compatible and continue its use as a recreation site.

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

None.

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 needed.

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 tallest proposed structure is the CXT vault toilet. The vent pipe is the tallest part of the structure at 12' 3". The exterior of the vault toilet is comprised of concrete that is painted to resemble barnwood with a cedar shake look to the roof.

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

None.

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

None are needed.

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

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

None.

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

No, there will be no light or glare producing objects as a result of this project.

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

None are known.

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

None are needed.

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

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

The Potholes Reservoir area is a popular area for fishing year round, boating, and kayaking.

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

No, the proposed project will temporarily close the access site while the work is occurring. Because the boat ramp work will be done in the dry, the boat ramp will not be usable for patrons visiting that access site anyway as the ramp will be far from the nearest water to launch into.

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

None are necessary.

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.

One previously identified site within 1-mile (1.6 km), 45GR1327 a historic debris site with a depression and concrete lined cistern dating between 1903 and the late 1950s. Project, as designed, has a footprint within recent ground disturbance and will not impact reported cultural resources.

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.

Review was conducted of DAHP records, tribal consultation under NHPA Section 106 with Bureau of Reclamation having WDFW taking cultural resource lead. A site visit revealed historic scatter associated with initial dock construction which are being recorded as an archaeological site but are outside of the project APE. WDFW argues project will have no adverse effect to identified historic scatter. DAHP concurrence is awaiting final consultation as site reporting is completed.

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.

Project is under NHPA Section 106. DAHP records, tribal consultation, DAHP consultation, and site visit conducted to identify historic properties and determine effects.

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.

Project will have no adverse effect to identified cultural 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.

The site can be accessed off of highway 262 and road M 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?

There is no nearby public transit. The nearest public transit is at the intersection of interstate 90 and highway 17. This public bus stop is approximately 8 miles from the public access site.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

The current parking area does not have designated parking spaces and is entirely gravel except for the two ADA parking stalls. We intent to asphalt pave some of the parking lot and designate 21 long parking spaces.

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).

No.

e. Will the project or proposal 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 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?

Peak vehicle use will be seasonal according to fishing seasons and favorable weather. Vehicle use may increase during peak times from current volumes due to the proposed upgrades at the site. This increase is not expected to be significantly higher than current volumes. The site averages 36 vehicles per day over the course of a year.

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:

None are necessary.

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.

No, there would not be an increased need for public services. The proposed project is largely maintaining existing infrastructure not increasing capacity or usage.

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

None are needed.

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

a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

There are no utilities available at the site.

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.

No utilities are proposed at the site.

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: Bridgette Glass

Name of signee Bridgette Glass

Position and Agency/Organization Fish and Wildlife Bio 3/ WDFW

Date Submitted: 3/23/20