# **SEPA** ENVIRONMENTAL CHECKLIST

# Purpose of checklist:

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

# Instructions for applicants:

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

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

### Instructions for Lead Agencies:

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

## Use of checklist for nonproject proposals:

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

# A. Background [HELP]

- 1. Name of proposed project, if applicable: Patterson Lake Access Redevelopment
- 2. Name of applicant: Doug Wiedemeier, WDFW

- 3. Address and phone number of applicant and contact person: 600 Capitol Way N, Olympia WA 98501-1091; 360-789-2464; Doug Wiedemeier
- 4. Date checklist prepared: August 18, 2022
- 5. Agency requesting checklist: WDFW
- 6. Proposed timing or schedule (including phasing, if applicable): Begin construction in fall of 2023 or 2024 as permits allow, and hopefully during low water. Complete within 6 months of beginning work.
- 7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. *No other work currently planned.*
- 8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *A cultural survey was completed.*
- 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. *No.*
- 10. List any government approvals or permits that will be needed for your proposal, if known. WDFW will pursue all County permits, a Corps permit and a hydraulic project approval.
- 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.

The Washington State Department of Fish and Wildlife (WDFW) proposes to upgrade the Patterson Lake Access Area to meet Americans with Disabilities Act requirements. Project includes adding asphalt to the entry and area around vault toilet, replace the vault toilet, install precast concrete boat ramp planks and articulated concrete blocks for the boat ramp, a new floating dock with steel piles, repair an erosion issue impacting parking and shoreline, install logs parallel to the shore to prevent wave erosion, add fill to stabilize existing trees, and seed the new fill with grass to hold soil in place and create an inviting area under the trees.

WDFW proposes the following scope of work:

- 1. Construct in-water features as allowed by County, HPA and Corps permits.
- 2. Replace existing single stall vault toilet with a new double stall vault toilet in a slightly different location and meeting ADA standards.
- 3. Replace the existing gravel boat ramp with a pre-cast concrete plank one, this includes articulated concrete blocks on either side to prevent erosion under the ends of the new planks.
- 4. Install a new floating dock with one steel pile per section. The new dock will tie into a new concrete abutment, with a ramp to meet ADA standards.
- 5. Mitigate for the project impacts by treating milfoil at the site and ensuring tree survival.
- 6. Add and secure logs along the shoreline as shown in the plans. Add fill behind the logs (landward) to rebury the exposed tree roots, cover with coir and seed with grass.
- 7. Correct the erosion issue to the parking lot with new fill and contour to fit.

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.

Located outside Winthrop, WA. Access from Patterson Road. Township 34N, Range 21E, section 8. Okanogan County. N 48.274123 W -120.143883 Parcel # 3421080001. See plans for additional location information.

# B. Environmental Elements [HELP]

1. Earth [help]

eroded.

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other: **Shoreline with slopes up** from lake.

- b. What is the steepest slope on the site (approximate percent slope)? 110%
- 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 USDA Web Soil Survey, soils present are primarily Newbon gravelly loam, 25-45 percent south slopes and a little Newbon very gravelly loam, 25-65 percent slopes,
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *No. The area of erosion was caused by wave action, and not unstable slopes.*
- 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.

Purpose: to make the access area meet ADA standards by adding asphalt, new ADA toilet, designated ADA parking spots, replacing the boat ramp planks, adding a floating dock and correcting wave action damage.

Type: WDFW Water Access Area

Total Area: Total disturbed area of 31,068 square feet.

The resulting project will have a net increase in fill below OHWM (cut 62.2 and fill 136.3) and have a net increase in fill above OHWM (cut of 30.2 and fill of 261.0). Boat ramp work includes adding articulated concrete matting to prevent erosion under concrete boat ramps and dock. Source of fill will be a local commercial source, source to be determined. See permitting plans for additional details.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. Possibly, however BMPs will be in place. After construction, the parking lot will be partially covered in asphalt and the boat ramp will be concrete. Both will reduce the risk of erosion. Once construction has been completed and soils are stabilized, there should be minimal risk of future erosion. Upon completion, areas of bare soils will be seeded.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings *WDFW* estimates impervious will decrease from 27,417 Sq Ft to 26,832 Sq Ft.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: BMPs will be in place during and after construction to control erosion. Proposed articulated concrete should prevent erosion under new boat ramp planks. Logs along shoreline are intended to prevent future wind/wave erosion. Grading will try to send more runoff down boat ramp and avoid future parking lot erosion.

## 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. There will be an increase in diesel emissions while construction is occurring. Upon construction completion, emissions will return to current levels.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *None known.*
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: *None, as once construction is complete emissions will return to normal levels.*

### 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. Yes, the project involves work on and adjacent to Patterson Lake, a Type S water. The outflow travels a little over three miles to the Methow River.
  - 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, the entire project is either in the lake or within 200 feet of OHWM. See plans.
  - 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.
    - Estimated cut below OHWM is 62.2 CY. Estimated fill below OHWM is 136.3 CY. The source will be a local commercial vendor, to be determined.
  - 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. *No. Water levels will be low when construction occurs.*
  - 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. Yes, portions of the project area are located in the 100-year floodplain.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. *No.* 

### 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.*
- 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. *None*.
- c. Water runoff (including stormwater):
  - Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow?
     Will this water flow into other waters? If so, describe. Presently, stormwater is shed off the site. The resulting proposal will also shed off the storm water in a similar manner, though grading will attempt to direct more runoff down the boat ramp.
  - 2) Could waste materials enter ground or surface waters? If so, generally describe. The yet-to-be-determined crew will have spill equipment on site during construction.
    - 2) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. Slightly. Grading will attempt to direct more runoff down the boat ramp.
- d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: *BMPs will be used as needed, including seeding of any bare ground upon completion.*

# 4. Plants [help]

<ul> <li>a. Check the types of vegetation found on the si</li> </ul>	a. C	e site:
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_xdeciduous tree: alder, maple, aspen, other: black cottonwood
xevergreen tree: fir, cedar, <b>pine</b> , other
xshrubs
xgrass
pasture
crop or grain
Orchards, vineyards or other permanent crops.
wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
xwater plants: water lily, eelgrass, milfoil, other
other types of vegetation

- b. What kind and amount of vegetation will be removed or altered? Work proposed along shoreline to correct wave erosion and protect the exposed roots of trees. This area will be seeded with grass upon completion of construction at an appropriate time of the year (first growing season following completion). No live trees to be removed. Some snags to be removed for safety reasons. Milfoil removal/treatment done summer 2022.
- c. List threatened and endangered species known to be on or near the site. *No listed species are known to be on the site.*
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Seeding will be done to any resulting bare areas, including the fill behind the shoreline logs.
- e. List all noxious weeds and invasive species known to be on or near the site.

  Known invasive species includes Difuse knapweed (Centaurea diffusa), Russian knapweed
  (Rhaponticum repens), Cheatgrass (Bromus tectorum), Milfoil (Myriophyllum spicatum)
  and Bulbous bluegrass (Poa bulbosa L).

#### 5. Animals [help]

a. <u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site.

## Examples include:

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

pack. WDFW has a documented pack south of the Twisp River (Lookout).

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

fish: bass, salmon, trout, herring, shellfish, other: sunfish, perch, crappie,

catfish

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

A search on the USFWS IPaC site (June 13, 2022) registered the following species:

Canada Lynx (Lynx canadensis), a Threatened species with defined Critical Habitat. The project area is not located within Critical Habitat, which is defined to the west of the project. Gray wolf (Canis lupus), an Endangered species with defined Critical Habitat. Project is not located within critical habitat. The project location is not within the boundaries of a known wolf

North American wolverine (Gulo gulo luscus), a proposed Threatened species. This wideranging species likely avoids humans when possible.

Yellow-billed cuckoo (Coccyzus americanus), a Threatened species with defined Critical Habitat. The project area is not located within Critical Habitat, and there is none within Washington State. There are no known populations in Washington State.

Bull Trout (Salvelinus confluentus), a Threatened species with defined Critical Habitat. The project area is located within the Mid Columbia Recovery Unit. Bull trout are not able to access Patterson Lake due to a screened diversion.

Monarch butterfly (Danaus plexippus), a Candidate species. No critical habitat has been defined.

The Federal Register for listed fish species were checked on June 14, 2022.

Chinook Salmon (Oncorhynchus tshawytscha): a Threatened species with designated Critical Habitat. Project is not located within designated critical habitat. Patterson Lake is not accessible to anadromous fish due to a screened diversion, per WDFW District Fish Biologist Ryan Fortier (personal communication 6/15/22).

Steelhead (Oncorhynchus mykiss): a Threatened species with designated Critical Habitat. Project is not located within designated critical habitat. Patterson Lake is not accessible to anadromous fish due to a screened diversion, per WDFW District Fish Biologist Ryan Fortier (personal communication 6/15/22).

c. Is the site part of a migration route? If so, explain. Yes, the site is in the Pacific Flyway.

- d. Proposed measures to preserve or enhance wildlife, if any: None.
- e. List any invasive animal species known to be on or near the site. *None 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.

The existing site, and after proposed work, does not have any utilities.

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. No increase from present hazard potential, other than heavy equipment. Spill response measures will be present on site at all times during construction.
  - 1) Describe any known or possible contamination at the site from present or past uses. *No known contaminates at site.*
  - 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 known. 811 will contacted prior to start of construction.

- 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. *None anticipated.*
- 5) Proposed measures to reduce or control environmental health hazards, if any: *Ensure* spill response measures are present when work is being done.

#### b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? There will be a temporary increase in noise as the construction occurs. Once construction is done, noise levels will return to normal.
- 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 there will be an increase in traffic and construction noise.

Short-term there will be an increase in traffic and construction noise. Long-term noise levels will return to normal.

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

Construction will be limited to 7 AM to 7 PM, unless local ordinances restrict noise further, in which case the more restrictive hours will be adhered to.

## 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 is some development to the NW (cabins) and development adjacent to the access area, otherwise the rest of the lake is undeveloped.
- 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? This site has been a water access area since acquired by WDFW in 1962.
  - 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 is a gravel entry, gravel parking, a gravel boat ramp, and an existing vault toilet.
- d. Will any structures be demolished? If so, what? Yes, the existing vault toilet will be removed.

- e. What is the current zoning classification of the site? MR = Minimum Requirement.
- f. What is the current comprehensive plan designation of the site? Agricultural Resource.
- 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. *None found during an online search.*
- i. Approximately how many people would reside or work in the completed project? No one lives or works at this site.
- j. Approximately how many people would the completed project displace? No people will be permanently displaced by this project.
- k. Proposed measures to avoid or reduce displacement impacts, if any: *No people will be permanently displaced by this project.*
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

  This proposal will not change use; therefore, compatibility is not an issue. Project

This proposal will not change use; therefore, compatibility is not an issue. Projet purpose is to make this access site ADA accessible to all users.

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

None proposed or needed, since there will be no impact.

## 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.

No impact to housing.

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?

12 feet and 4 inches. The new CXT Toilet is primarily made of concrete (see plans).

- b. What views in the immediate vicinity would be altered or obstructed? *No changes to views as a result of this proposal.*
- c. Proposed measures to reduce or control aesthetic impacts, if any: *None proposed or 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?

There will be no changes in light or glare.

- b. Could light or glare from the finished project be a safety hazard or interfere with views? *No, there should be no change.*
- c. What existing off-site sources of light or glare may affect your proposal? None.
- d. Proposed measures to reduce or control light and glare impacts, if any: *None anticipated.*

## 12. Recreation [help]

- a. What designated and informal recreational opportunities are in the immediate vicinity? This is a state Water Access Area. People likely come to catch fish, bird watch, boat, swim, and enjoy the outdoors. Public use will resume once construction is complete.
- b. Would the proposed project displace any existing recreational uses? If so, describe. Only during construction for safety reasons. Site will have to be closed to facilitate construction. Once construction is complete, all recreational uses can resume as usual. WDFW will put out a message through he local media once construction dates are set.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: *Project construction is driven by the need to work during low water times and when weather is conducive to paving.*

#### 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. According to Dept. of Archaeology and Historic Preservation's WISAARD, there are not any recorded built environment features, cemeteries, archaeological sites, or register eligible resources within 1.0-mile radius of the project area. There are not any recorded cultural resources or built environmental features located within the project area.
- 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. The closest built environment feature is a Washington State Heritage Barn located approximately 2-miles southeast of the project area. The closest archaeological site, a precontact site, is located approximately 1.6-miles north of the project area. There are not any recorded cultural resources or built environment features located within the 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. Three cultural surveys have been completed within a 1.0-mile radius of the Patterson Lake Access Area Redevelopment Project (Harder and Hannum 2006; Schlegel 2012; Stipe 2009). All three cultural surveys were negative for any cultural resources or built environment features.
- 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. Tribal consultation under executive order 21-02. WDFW conducted a cultural survey titled "WDFW Patterson Lake Access Area Redevelopment Cultural Survey, Okanogan County, Washington". A pedestrian survey was conducted throughout the project area and a total of two shovel test probes were excavated. Additionally, one hollow-stem auger boring was monitored. There was not any precontact or historical cultural materials observed or recorded during the survey or monitoring. The WDFW inadvertent discovery plan will be in place during project implementation.

# 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.
   See plans. Patterson Road is the access.
- 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? No public transit serving this site. Nearest bus travels on Highway 20 between Twisp and Winthrop, over 6 miles away by road.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? No change, but two designated ADA parking spots will be created.
- 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.
   Site only uses roads for transportation.

- 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? Increased vehicular trips would occur during construction only. Once the project is completed, volumes will return to normal.
- 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 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.
  No.
- b. Proposed measures to reduce or control direct impacts on public services, if any. *None proposed or needed.*

# 16. Utilities [help]

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other \_\_\_\_\_\_
- d. 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 additional utilities needed or utilized 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: _	Doug Wiedemeier	
Name of signee	Doug Wiedemeier	
Position and Age	ency/OrganizationPermitter, WDFW, CAMP	
Date Submitted:	8/18/2022	