SEPA[1] Environmental Checklist

A.Background

Find help answering background questions[2]

1. **Name of proposed project, if applicable:**

   Pleasant Harbor State Park Abutment and Pier Repairs

2. **Name of applicant:**

   Washington State Parks and Recreation Commission

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

   Hannah JB Ross, Environmental Planner

   Washington State Parks and Recreation Commission

   1111 Israel Rd SW / P.O. Box 42650

   Olympia, WA 98504-2650

4. **Date checklist prepared:**

   May 2025

5. **Agency requesting checklist:**

   Washington State Parks and Recreation Commission (Parks)

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

   Summer – Fall 2025

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

   No future addition, expansions, or further activity connected to this project are being looked at during this time.

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

   Joint Aquatic Resources Permit Application form

   High Tide Line Technical Memorandum – Moffatt and Nichol, August 2021

   Shoreline Reconnaissance Report – The Watershed Company, June 2021

   Habitat Management Plan – The Watershed Company, November 2021

[1] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance
[2] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-A-Background

Endangered Species Act No Effect Memorandum – Moffatt and Nichol, October 2021

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.

There are no known pending governmental approvals of other proposals directly affecting the property.

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

Federal:

US Army Corps of Engineers Section 10 Authorization

Coastal Zone Management Consistency Determination

State:

Hydraulic Project Approval – Washington Department of Fish and Wildlife

Aquatic Lease Approval – Washington State Department of Natural Resources

SEPA review and Determination – Washington Parks and Recreation Commission

County:

Shoreline Permit – Jefferson County

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.)

State Parks proposes to repair and maintain the marine access structure at Pleasant Harbor State Park. Access to the timber pier and floating dock is provided by stairs down a steep vegetated bluff leading to an existing fiberglass grating over Ammoniacal Copper Zinc Arsenate (ACZA)- treated timber on-grade framing ramp that connects to an abutment. The abutment at the shoreline consists of a single 16 to 18-inch diameter creosote-treated timber pile cap supported by one 12 to 14-inch creosote-treated timber pile.

The pier is a 79-foot-long 5-foot wide ACZA and creosote-treated timber structure with a fiberglass grated deck supported by four bents. Each bent is constructed of two approximately 12-inch-diameter creosote-treated timber piles and two 3-inch by 10-inch creosote-treated timber cross braces. Decking consists of fiberglass grating. An aluminum pedestrian gangway connects the pier to the floating dock. The treated timber and foam filled floating dock is 97 feet long and 11 feet wide. The floating dock is held in place by three timber guide piles. The outboard guide pile is supported by two batter piles and the inner guide pile is included in the pair of ramp lift piles.

The proposed project has two components. The first being pier maintenance and repair. This includes replacement of eight existing creosote-treated cross-braces (four sets) with galvanized steel cross-braces and installation of three epoxy grout-filled fiberglass pile jackets.

The second is repair and replacement of the existing pier abutment. This includes installation of a new abutment shoreward of the existing abutment and above the high tide line (HTL) using a drilled concrete shafts and cast-in-place concrete abutment approach. The existing access trestle will be re-aligned and lengthened to accommodate this improved design. The existing creosote-treated abutment, with the base of the structure located at approximately elevation +10 feet and the top of the structure at approximately elevation +17 feet, mean lower low water (MLLW), will be removed. The existing 12- to 14-inch diameter vertically aligned creosote-treated pile abutment support will be cut 2 feet below the mudline. The single 16- to 18-inch diameter creosote-treated timber pile cap will be removed in its entirety. The portion of the existing pier from the first bent (8 feet (ft) MLLW) landward will be removed and the support point will be moved further up slope. An ACZA-treated glue-laminated structural beam will span the distance between the new abutment and the first pier bent. Decking and railing will be replaced in-kind with ACZA-treated timber, plastic lumber, and fiberglass grating. To construct the new abutment, three 16-inch diameter shafts will be drilled 35 feet deep and filled with concrete and reinforcing. A cast-in-place abutment cap will then be constructed on the three drilled shafts.

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

    The facilities are located at 308713 US 101, Brinnon, WA 98320 in Jefferson County. Parcel Number 50210416. Section 10, Township 25 N, Range 2 W. Latitude 47.6651 N by Longitude -122.9148 W.

B.Environmental Elements

1. Earth

Find help answering earth questions[3]

a. General description of the site:

Parts of the shoreline southwest of the pier are protected by rip rap and large rip rap boulders are located in front of the abutment. Upper intertidal substrate is composed of gravels, cobbles, and boulders and subtidal substrate is muddy. Upper intertidal vegetation consists of pickleweed (Salicornia sp.), seaside plantain (Plantago maritima), and gumweed (Grindelia sp.).

[3] https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-earth

Scattered oysters are also found along the shoreline. Landward of the shoreline vegetation consists of large Douglas-fir (Pseudotsuga menziesii), western redcedar (Thuja plicata), and Pacific madrone (Arbutus menziesii) trees with an understory of salal (Gaultheria shallon), osoberry (Oemleria cerasiformis), evergreen huckleberry (Vaccinium ovatum), and sword fern (Polystichum munitum). Other minor components and trace cover of vegetation was observed and include other grasses, forbs, and scotch broom (Cytisus scoparius).

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:

HWA GeoSciences Inc. performed a geotechnical report on July 16, 2021. Within the report its described that the site slopes steeply up from the shoreline and has been eroded by wave action around the existing timber abutment. From the top of the existing abutment at an elevation of approximately 15 feet the ground surface slopes up to the existing parking lot at elevations between approximately 30 to 34 feet resulting in about 15 to 19 feet of vertical relief over a horizontal distance of about 40 to 45 feet.

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

From the top of the existing abutment at an elevation of approximately 15 feet the ground surface slopes up to the existing parking lot at elevations between approximately 30 to 34 feet resulting in about 15 to 19 feet of vertical relief over a horizontal distance of about 40 to 45 feet (33-42%).

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.

HWA GeoSciences Inc. described subsurface soils around the abutment as a loose layer of topsoil and weathered till approximately 2.5 to 3 feet thick. Along the beach the substrate consists mainly of gravel, cobble, and boulders, with very little to no fine substrates. The sediment composition transitions in the lower intertidal to a cobble filled oyster bed, then mud.

According to the NRCS Web Soil Survey Data accessed on August 7, 2025 the soils at Pleasant Harbor include Hoodsport very gravelly sandy loam and Coastal Beaches.

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

Yes, the area is mapped by Jefferson County as a geohazard area. A geotechnical report was completed for this project and can be provided upon request.

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.

Excavation:

There will be minimal excavation required for the pile repairs. Excavation includes digging around the existing piles, approximately two feet below the mudline with hand tools. The excavation will not exceed 25 square feet around each pile.

Fill:

Fill is minimal for this project. The fill entails the pile jacketing itself that would extend 2 feet below the mudline to approximately +12 ft MLLW. The fiber glass pile jackets would then be filled with epoxy grout. The total approximate fill is 4 cubic yards for all 3 pile jackets.

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

It is possible that erosion may occur as a result of construction activities. Erosion would be expected to be minor and have temporary impacts. At a minimum, Best Management Practices (BMPs) as outlined in the Washington Department of Ecology (ECY) Stormwater Manual will be employed to control erosion these may include wattles and/or silt fencing.

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

All work is maintenance and repairing the facilities located at Pleasant Harbor State Park. There will be no increase in impervious surfaces.

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

Best Management Practices as outlined in the Ecology Stormwater Manual will be employed to control erosion if it were to occur. These may include but are not limited to:

- Temporary erosion controls such as straw bales or straw tubes will be installed to prevent excavated material from entering the waterway during the abutment removal.
- Project construction will be completed in compliance with Washington State Water Quality Standards (WAC 173-201A).
- No debris, rubbish, creosote-treated wood, soil, silt, sand, cement, concrete, or washings thereof, or other construction-related materials or wastes, oil, or petroleum products shall be allowed to enter into or placed where it would be subject to erosion by rain, wind, or waves and enter into jurisdictional waters.
- Protective measures would be used to prevent accidental discharges to waters during fueling, cleaning, and maintenance.
- All construction materials will be properly stored and contained so that these products will not spill or otherwise enter the coastal environment.
- Equipment washing, servicing, and refueling will only be allowed at designated upland locations. Appropriate best management practices will be used to ensure no spills of petroleum products or other hazardous substances take place during these activities.

- Equipment will be checked for leaks and other problems that could result in the discharge of petroleum-based products or other hazardous material into waterways
- Floating booms shall be used to contain debris discharged into waters and any debris shall be removed as soon as possible, and no later than the end of each workday.
- The contractor will prepare a Spill Prevention Control, and Countermeasure (SPCC) plan and use it during over water work and/or demolition operations. A copy of the plan will be maintained at the work site.
    - The SPCC plan will outline BMPs, responsive actions, and notification and reporting procedures in the event of a spill or release. The plan will also outline management elements, such as personnel responsibilities, Project site security, site inspections, and training.
    - The SPCC plan will outline the measures to prevent the release or spread of hazardous materials found on site (if any) and encountered during demolition but not identified in contract documents, including any hazardous materials that are stored, used, or generated at the site during demolition
    - Applicable spill response equipment and material designated in the SPCC plan will be maintained at the job site.
- Oil-absorbent materials will be present on site for use in the event of a spill or if any oil product is observed in the water.
- The Project proposes to use hand tools to the greatest extent possible.

2. Air

Find help answering air questions[4]

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.

Construction activities may create temporary equipment exhaust. No new emissions will be generated as a result of the project. Elevated emissions from construction equipment would occur for a short duration and be temporary.

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

No; the only off-site sources of emissions are from recreational boaters and vehicles in the area. Off-site sources of emissions will not impact this project.

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

[4] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-Air

There are no emission reduction measures proposed for this project. The project will not result change or in increases to emissions.

3. Water

Find help answering water questions[5]

a. Surface:

Find help answering surface water questions[6]

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 proposed project is entirely located within Pleasant Harbor within Hood Canal. Three wetlands were identified during a shoreline reconnaissance completed by The Watershed Company in 2021. Only one of these wetlands is within State Parks boundary. The wetland is anticipated to be rated as a Category I wetland per Jefferson County Critical Areas Ordinance and Shoreline Master Program as an Estuarine wetland. There is also a Type Ns stream located within the project boundary.

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, all work will take place on the abutment and pier which is located in Pleasant Harbor in the Hood Canal. All pier work is below the Ordinary High Water Mark (OHWM). The abutment work will take place above OHWM.

   Please see above A. 11 for a detailed description of work. Please see attached 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.**

   Fill is minimal for this project. The fill entails the pile jacketing itself that would extend 2 feet below the mudline to approximately +12 ft MLLW. The fiberglass pile jackets would then be filled with epoxy grout. The total approximate fill is 4 cubic yards for all 3 pile jackets.

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

[5] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water
[6] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Surface-water

No, the proposed project will not require any surface water withdrawals or diversions.

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

   Yes, the proposed abutment, located above the OHWM is within the 100 – year floodplain. Pleasant Harbor is Zone AE – Regulatory Floodway according to the FEMA flood maps.

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. The repair and maintenance work is on a creosote structure. During construction the BMPs will be implemented to limit erosion and any potential for discharge to surface waters. See above BMPs listed in section 1. Earth question h.

b. Ground:

Find help answering ground water questions[7]

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 a general description, purpose, and approximate quantities if known.**

   No groundwater will be withdrawn, and no water will be discharged to groundwater.

2. **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (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.**

   No waste material will be discharged as there are no sources of waste material within the project footprint associated with the proposed project.

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 project will not result in changes to runoff. All water on the site currently sheet flows and will continue to due so.

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

[7] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Groundwater

No. The project is to repair pilings and cross braces and replace the pier abutment.

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

   No. The proposed project does not alter existing drainage patterns in the vicinity of the project site.

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

Parks has implemented many BMPs to ensure water quality is not impacted during and after the maintenance and repair of the abutment and pier including:

- Temporary erosion controls such as straw bales or straw tubes will be installed to prevent excavated material from entering the waterway during the abutment removal.
- Project construction will be completed in compliance with Washington State Water Quality Standards (WAC 173-201A).
- No debris, rubbish, creosote-treated wood, soil, silt, sand, cement, concrete, or washings thereof, or other construction-related materials or wastes, oil, or petroleum products shall be allowed to enter into or placed where it would be subject to erosion by rain, wind, or waves and enter into jurisdictional waters.
- Protective measures would be used to prevent accidental discharges to waters during fueling, cleaning, and maintenance.
- All construction materials will be properly stored and contained so that these products will not spill or otherwise enter the coastal environment.
- Equipment washing, servicing, and refueling will only be allowed at designated upland locations. Appropriate best management practices will be used to ensure no spills of petroleum products or other hazardous substances take place during these activities.
- Equipment will be checked for leaks and other problems that could result in the discharge of petroleum-based products or other hazardous material into waterways
- Floating booms shall be used to contain debris discharged into waters and any debris shall be removed as soon as possible, and no later than the end of each workday.
- The contractor will prepare a Spill Prevention Control, and Countermeasure (SPCC) plan and use it during over water work and/or demolition operations. A copy of the plan will be maintained at the work site.
    - The SPCC plan will outline BMPs, responsive actions, and notification and reporting procedures in the event of a spill or release. The plan will also outline management elements, such as personnel responsibilities, Project site security, site inspections, and training.
    - The SPCC plan will outline the measures to prevent the release or spread of hazardous materials found on site (if any) and encountered during demolition

but not identified in contract documents, including any hazardous materials that are stored, used, or generated at the site during demolition

- Applicable spill response equipment and material designated in the SPCC plan will be maintained at the job site.

- Oil-absorbent materials will be present on site for use in the event of a spill or if any oil product is observed in the water.
- The Project proposes to use hand tools to the greatest extent possible.

4. Plants

Find help answering plants questions

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?

Under all reviewed alternatives the proposed abutment was going to need to be constructed in close proximity to an existing large Douglas fir tree (*Psuedotsuga menziessi*). The need to potentially remove the tree will be evaluated during construction and in close coordination with the local regulatory jurisdiction (Jefferson County). Removal of the tree will depend on the extent to which the roots of the tree are damaged during drilling of the shafts for the replacement abutment. If the tree is removed, 15 trees will be planted to offset impacts (Watershed 2022). In addition, a stump will be left in place and up to two portions of the cut trunk will be placed in the intertidal zone. Large woody debris (LWD) in the intertidal serve as refuge habitat for juvenile salmonids, other fish, birds, and mammals. Eroded sediment from LWD can also provide a suitable substrate for invertebrates and spawning habitat for forage fish. If tree removal is not required, large woody debris will not be placed on the beach. A 343 square foot (sf) area of shrubs may be temporarily impacted for construction access.

This area has an existing heavy tree canopy that will not be impacted, and shrubs will be replanted post-construction (Watershed 2022).

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

There are no threatened or endangered species known on this site.

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

If the large Douglas fir tree must be removed during construction, 15 trees will be planted in its place. Tree species will be determined at a later date. If necessary, impacted shrubbery will be replaced.

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

There are no noxious weeds or invasive plant species known to occur on or near the site.

5. Animals

Find help answering animal questions[8]

a. List any birds and other animals that 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: Forage Fish (Pacific Sand Lance)**

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

The Washington Department of Fish and Wildlife's PHS on the Web map (accessed July 2025) indicates the following species and habitats occur within the project area:

- Estuarine Zone
- Northern Spotted Owl (*Strix occidentalis*)

The U.S. Fish and Wildlife Service's Information on Planning and Consultation (IPaC) website (accessed July 2025) and NOAA Fisheries West Coast region Species and Habitat App (accessed July 2025) indicates the following species and habitats may occur within the project area:

- Marbled Murrelet (*Brachyramphus marmoratus*)

[8] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals

- Yellow-billed Cuckoo (*Coccyzus americanus*)
- Northwestern Pond Turtle (*Actinemys marmorata*)
- Bull Trout (*Salvelinus confluentus*)
- Dolly varden (*Salvelinus malma*)
- Monarch Butterfly (*Danaus Plexippus*)
- Suckly's Cuckoo Bumble Bee (*Bombus suckleyi*)
- Bocaccio (Puget Sound-Georgia Basin DPS)
- EFH – Salmon
- EFH – Highly Migratory Species, Coastal Pelagic Species, Groundfish

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

Yes, the project area is situated within the Pacific Flyway and is part of a migration route for salmon. The Pacific Flyway is a route for migratory birds that includes the entire west coast of North America, reaching from northern Alaska and Canada to the southern tip of Mexico.

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

The proposed project is anticipated to be covered by the Salish Sea Nearshore Programmatic (SSNP) PDC 6 – Repair or replace an Existing Structure during federal U.S. Army Corps of Engineers (USACE) permitting. To obtain coverage under the SSNP, a project must comply with the PDC, Notification Requirements, GCMs, and EFH Conservation Recommendations. The proposed project will comply with all SSNP requirements.

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

There are no known invasive species on or near the site.

6. Energy and natural resources

Find help answering energy and natural resource questions[9]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

None. The project is the maintenance and repair of a pier and abutment that does not have any energy sources or demands. Work will be done using hand tools to the greatest extent possible.

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

[9] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-6-Energy-natural-resou

No. The project is maintenance, repairing and replacing existing structures and does not change the footprint of the structure.

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.

No energy conservation features are proposed as the project is a replacement and repair of a facility that does not have existing energy demands.

7. Environmental health

Health Find help with answering environmental health questions[10]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur because of this proposal? If so, describe.

It is possible that an accidental spill or leak of fluids from construction equipment could potentially occur. BMPs, such as proper maintenance of vehicles and inspection for leaks prior to use, will be implemented to prevent such an occurrence.

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

The Washington Department of Ecology's What's in My Neighborhood: Toxic Cleanup site (accessed July 2025) indicates there is one known cleanup site within Pleasant Harbor. The Facility Site ID is: 71897922 and the Cleanup Site ID is: 1260. The site has been cleaned up and complies with the standards in the state's environmental cleanup law, the Model Toxics Control Act.

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.

The pier and abutment is constructed of creosote treated wood. Creosote leaches toxins into the water and is therefore an existing hazardous material within the project area. The project includes the removal of creosote from the pier and replacing it with galvanized steel cross bracing, concrete pile jackets and concrete abutment.

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.

Construction vehicles and equipment will contain associated fuels and chemicals; best management practices, such as daily inspections for leaks and ensuring they are in good working order, will be required. Standard maintenance-related equipment and associated fuels and/or chemicals may be stored in the nearby maintenance building. Any equipment or materials stored within the facility will be properly

[10] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-7-Environmental-health

stored and maintained. As described above, the pier is constructed with creosote treated timber. Some creosote will be removed during this project and disposed of at an approved upland disposal.

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

   No additional or special emergency services are anticipated for this proposal. Park staff has training in providing certain levels of these types of services.

5. **Proposed measures to reduce or control environmental health hazards, if any.**

   BMPs will be used throughout the construction of the project to ensure the reduction and control of environmental health hazards. Please see B.1.g. for list of proposed BMPs.

b. Noise

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

   Noise in the area is minimal and common with public park use and is not anticipated to 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)?**

   Temporary construction-associated noise from construction vehicles and equipment during normal workday hours for the repairs and replacement will be expected.

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

   No noise impacts are anticipated as a result of this proposal; temporary noise produced during construction will be temporary and will occur during daylight work hours.

8. Land and shoreline use

Find help answering land and shoreline use questions[11]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The area is currently used as a State Park that includes marine access. Adjacent properties are used as marinas and residences.

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 because of the proposal, if any? If resource lands have

[11] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use

not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

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

   No.

c. Describe any structures on the site.

Amenities at Pleasant Harbor State Park include 120 feet of moorage docks available on a first-come, first-served basis. There is a small parking area and a vault toilet. No other services are provided.

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

No. The project is for maintenance and repair of existing structures and no structures will be demolished.

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

Current zoning is Rural Residential.

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

Comprehensive plan designation for the site is rural residential.

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

Jefferson County SMP has designated this site as High Intensity.

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

Yes, the area is within shoreline jurisdiction and in the vicinity of wetlands.

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 will not change existing uses and will allow for continued use of the State Park facilities.

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

The project will not have impacts on agricultural or forest lands.

9. Housing

Find help answering housing questions[12]

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. Not applicable to this project.

10. Aesthetics

Find help answering aesthetics questions[13]

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

There is no change in the height of any structures. The proposed work is maintenance and repair, and all structures will remain the same with minor adjustments to provide safe use of the facilities.

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

No views will be altered or obstructed.

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

None.

11. Light and glare

Find help answering light and glare questions[14]

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, the project will not generate light or glare.

[12] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing
[13] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-10-Aesthetics
[14] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-11-Light-glare

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

No off-site sources of light or glare will affect this project.

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

There are no measures to reduce or control light or glare as they are not anticipated to be a factor or change as a result of this project.

12. Recreation

Find help answering recreation questions

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

The project location is a facility within Pleasant Harbor State Park. Pleasant Harbor State Park offers recreation opportunities including bird watching, crabbing, boating, fishing, scuba diving, shellfishing, and swimming.

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

No. The proposed project will improve recreation opportunities by improving access and making the facility safe.

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

No, the project will improve the site for recreational users.

13. Historic and cultural preservation

Find help answering historic and cultural preservation questions[15]

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.

The 1955 Pleasant Harbor State Park Pier is located within the site/project area. This small boat mooring system is on the northwest side of Pleasant Harbor on Hood Canal and consists of three general components: an 80-foot-long fixed and elevated wood pier that is connected to an aluminum gangway leading to a wood float system. The moorage system has been evaluated as Historic Property 735468 on the DAHP WISAARD system and is recommended as not eligible for listing in the National Register of Historic Places (NRHP) by WSPRC. The property will be submitted to DAHP by USACE, the lead agency, for final NRHP determination. At 1.25 acres in size, Pleasant Harbor State Park is a small state park unit, and the only additional buildings in the park are a 2009 vault toilet and 2014 kiosk pay station. Accordingly, no other buildings and structures that are at least 45 years of age are near the site/project area, no historic district is extant in the park.

[15] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p

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.

There are not any recorded archaeological sites, National Register Eligible Properties (NRHP), traditional cultural properties (TCPs), cemeteries, or cultural surveys located withing the project area. There is one archaeological site located within a 1.0-mile radius of the project area. The project area is also located just south of the determined eligible, US Highway 101. There have been four cultural surveys completed within a 1.0-mile radius of the project area (Bundy 2007; Gill 2006; Luttrell 2013; Viloudaki 2018). There are not any recorded TCPs or cemeteries within a 1.0-mile radius of the project area. Additionally, according to DAHP's predictive model, the project area is at a moderate risk for cultural resources, and a survey is recommended.

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.

This project is subject to Section 106 of the Historic Preservation Act. The USACE, as the lead agency, will be responsible for assessment of potential impacts to cultural and historic resources on or near the project site. A desktop review including DAHP's WISAARD Database, historic aerials, and historic USGS maps were consulted. Consultation with DAHP and tribes under Executive Order 21-02 was completed.

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.

A permit from the USACE will be required and thus the project is subject to Section 106 of the Historic Preservation Act decisions about measures to avoid, minimize, or compensate for loss, changes too, and disturbances of resources will occur as part of the consultation process. A site-specific Inadvertent Discovery Plan will be used during the project.

14. Transportation

Find help with answering transportation questions[16]

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 project area is located off U.S. Highway 101.

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?

[16] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-14-Transportation

No. There is no public transit along this portion of U.S. Highway 101.

c. **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.

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

The project will take place using the access road to Pleasant Harbor State Park as well as the potential need for use of Pleasant Harbor itself.

e. **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?**

No vehicular trips will be generated by the completed project.

f. **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. The proposal will not interfere with or otherwise affect or be affected by the movement of agricultural and forest products.

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

None.

15. Public services

Find help answering public service questions[17]

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. Park rangers will provide active enforcement and patrol activities within the park boundaries and park staff will continue to coordinate emergency response with local fire, police, and EMS as necessary.

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

None.

16. Utilities

Find help answering utilities questions[18]

[17] https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-15-public-services
[18] https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-16-utilities

a. **Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:**

   There are no utilities at this park. There is a vault toilet upland of the project area.

b. **Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

   No utilities are proposed for this project or needed as a result of this project.

C.Signature

Find help about who should sign[19]

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.

X 

Type name of signee: Hannah JB Ross

Position and agency/organization: Environmental Planner, Washington State Parks and Recreation Commission

Date submitted: **8/1/2025**

[19] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-C-Signature