SEPA[1] 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.

A.Background

Find help answering background questions[2]

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

   Mystery Bay Boat Launch Repairs

2. **Name of applicant:**

   Clare Wirzbicki

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

   P.O Box 42650 Olympia, WA, 98504

4. **Date checklist prepared:**

   Sep 2024- July 2025

5. **Agency requesting checklist:**

   Washington State Parks and Recreation Commission

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

   Work will begin once all necessary local, state, and federal permits and/or approvals are obtained. Project duration including mobilization and demobilization is anticipated to take up to two months. The project will comply with the in-water work window for the project area (anticipated to be July 16 through February 15). Forage fish work windows may also apply and compliance with these windows will be determined during the permitting process.

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

   No.

[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

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 for Mystery Bay State Park- Moffat and Nichol June 2022

   Facility Condition Assessment Report- Moffat and Nichol January 2021

   Habitat and Critical Areas Report- The Watershed Company November 2023

   Reports provided upon request (amended mitigation plan is currently being produced, it will also be available upon request once 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.**

   There are no known pending governmental approvals or 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 NWP

    State:

    Hydraulic Project Approval – Washington Department of Fish and Wildlife

    SEPA Review and Determination- WSPRC

    County:

    Substantial Development 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.)**

    An above-water and underwater investigation of the pier on November 17, 2020, by Moffat and Nichol and a follow up investigation on October 6, 2023, found the ramp to be in "poor" condition with advanced deterioration observed over widespread portions of the ramp including areas of major to severe cracking and areas of isolated spalls.

    Washington State Parks and Recreation Commission (Parks) proposes to remove approximately 1,920 SF of the 2,160 SF reinforced concrete boat ramp at Mystery Bay State Park and replace it with 1920 SF of concrete planks. The boat launch is approximately 180' long, Parks is proposing to remove and replace 160' of boat ramp and leave the last 20', that falls below 0 ft on the Mean Low Lower Water (MLLW) mark, undisturbed.

    In addition, proposed planting will be completed in accordance with the mitigation requirements from federal, state and local agencies.

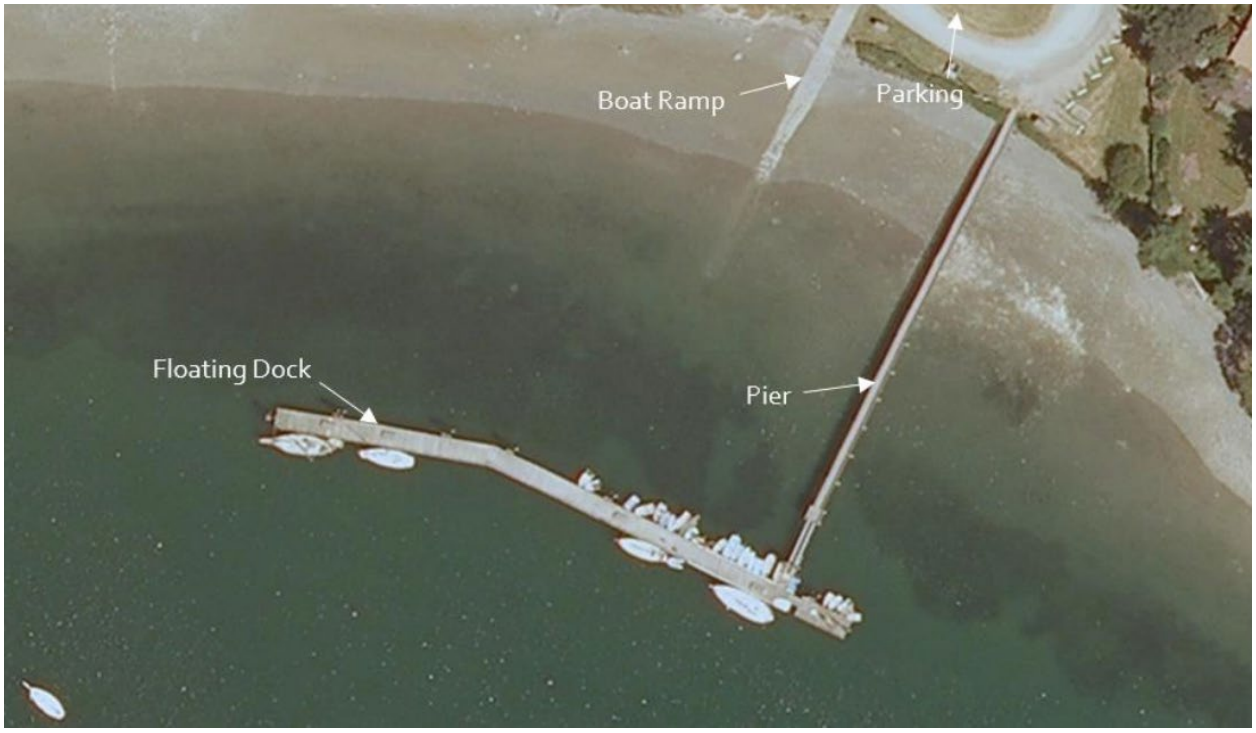

Figure 1. Overview of the facilities at Mystery Bay State Park

Figure 2. Existing Boat Launch Condition

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 boat launch is located at 7875 Flagler Rd, Nordland, WA 98358 in Jefferson County. Parcel number 021294012. Section 29, Township 30 N, Range 1 E. Latitude 48.058184 N by longitude -122.694625 W.

B.Environmental Elements

1. Earth

Find help answering earth questions[3]

a. General description of the site:

The shoreline vegetation includes maintained grassy areas near the shoreward portion of the boat ramp. Upland vegetation mainly consisted of Nootka rose (*Rosa nutkana*), tall Oregon grape (*Mahonia aquifolium*), Douglas-fir (*Pseudotsuga menziesii*), and trailing blackberry (*Rubus ursinus*). Category I estuarine wetlands occur along the shoreline and salt grass (*Distichlis spicata*) grows along to the shoreline southeast and northwest of the boat ramp. Substrate along the shoreline consists of sand and pebble substrate with shell fragments including an oyster bed adjacent to the pier.

Figure 3. Shoreline North of Boat Launch

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

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other: Over Water/ Aquatic

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

The shoreline consists of a three-to-five-foot vegetated bluff.

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.

Work is taking place within the footprint of the current boat launch and along the upland grass areas. Soil near the site includes mucky ocean floor and according to USDA NRCS Web Soil Survey (accessed on June 16, 2025), the uplands include Whidbey gravelly sandy loam.

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

No.

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.

Existing Boat Launch Removal

Approximately 160 LF or 1920 SF/ 36 CY of the approximately 180 LF long boat launch will be removed. Approximately 1,600 sq. ft, 5 ft on either side of the boat ramp may be temporarily disturbed during the construction process for the removal of the existing ramp. Approximately 20 LF or 236 SF waterward of the MLLW of the existing boat launch will remain undisturbed. Existing subgrade material underneath the removed boat launch will be excavated, and re-graded. Excavation of subgrade and placement of fill material will be completed using an excavator working from shore within the footprint of the existing ramp and the 5-foot buffer on either side of the ramp. Excavation will be completed at a low tide and in the dry.

Boat Launch Replacement

Replacement ramp will consist of 1920 SF or 36 CY of 12’ L x 24” W x 6” D interlocking precast concrete planks. Concrete planks will cover the same footprint and will be installed at the same grade, elevation, and in the same location as the previous boat ramp. A steel frame will be placed along the length of ramp subgrade and anchored to the new precast planks. Any over-excavation along the sides of the ramp will be backfilled with imported granular fill to restore the original grade, granular fill will not exceed 10 CY.

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 is expected to be minor and have temporary impacts. BMP's listed in B.1.h will be implemented during construction to avoid and reduce erosion that could potentially occur due to proposed project.

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 repair in the existing boat launch footprint, and no increase to impervious surfaces will occur as part of this project.

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

Best Management Practices (BMP's) will be employed to control erosion if it were to occur. These may include but are not limited to:

- All removed construction debris will be collected, transported to, and disposed of at an appropriate upland facility.
- Project construction will be completed in compliance with Washington State Water Quality Standards (WAC 173-201A).
- The contractor will prepare a Spill Prevention, Control, and Countermeasure (SPCC) plan. 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 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.
- 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.
- 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 will be allowed to enter jurisdictional waters or placed where it will be subject to erosion by rain, wind, or waves and enter into jurisdictional waters.

- 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.
- Protective measures will be used to prevent accidental discharges to waters during fueling, cleaning, and maintenance.
- Proper BMPs such as temporary erosion and sediment controls (TESC) will be used to prevent sediment deposition in the riparian area, wetlands, or water body.
    - Waddles and/or silt fencing will be property installed adjacent to work zones to protect existing nearshore vegetation and prevent any excessive siltation runoff from entering intertidal critical areas.
    - Ground protection mats will be used in any areas where equipment will access the beach.
- Restore wetland in place. Stockpile excavated wetland soil. Back-fill excavated area with the wetland soil when ramp installation is complete.
- Construction vehicles will not be allowed on the beach outside of the project footprint and therefore have minimal effects on the surrounding intertidal habitat.
- The project has been designed such that equipment can generally work from the footprint of the existing ramps, or within a five-foot buffer on either side of the existing boat ramp.

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:

There are no emission reduction measures proposed for this project. The project will

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

not result in changes or 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 Mystery Bay on Marrowstone Island in the Salish Sea.

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 the work will take place on the boat launch which is located in Mystery Bay in the Salish Sea. All repair work is below Ordinary High-Water Mark (OHWM) and High Tide Line (HTL).

Existing Boat Launch Removal

Approximately 160 feet of the approximate 180 feet long boat launch will be removed. A 5 ft buffer on either side of the existing boat launch may be disturbed during construction for removal of the existing ramp. Approximately 20 ft or 236 SF waterward of the MLLW of the existing boat launch will remain undisturbed. Existing boat ramp will be cut into sections using a concrete saw and/or broken apart using an excavator and jackhammer. The broken material will be loaded into dump trucks using an excavator and transported to a permitted disposal location/facility. Existing subgrade material underneath the removed boat launch will be excavated, and re-graded. Excavation of subgrade and placement of fill material will be completed using an excavator working from shore within the footprint of the existing ramp and 5 ft buffer. The boat launch will be removed from the top of the ramp to 0 ft MLLW and working shoreward. Excavation will be completed at a low tide and in the dry.

Boat Launch Replacement

Replacement ramp will consist of 1920 SF, 12’ L x 24” W x 6” D interlocking precast concrete planks. Concrete planks will cover the same footprint and will be installed at the same grade, elevation and in the same location as the previous boat ramp. A steel frame will be placed along the length of ramp subgrade and anchored to the

[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

new precast planks. No more than 10 CY of granular fill will be used to achieve the previous grade and elevation of boat ramp.

See attached design plan for further details.

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.**

   1920 SF/36 CY of precast concrete planks will be removed and installed in-kind. The margins of both Wetlands A and B may be temporarily impacted by construction activities. Temporary impacts are anticipated to be no more than 1,600 SF. Wetland edges will be marked during construction and all possible efforts to stay out of the buffer zones will be made. Temporarily impacted areas will be restored in-kind and in-place. Existing wetland vegetation is sparse and herbaceous in the temporary impact locations. Up to 10 CY of granular fill will be placed in the footprint of existing ramp to achieve the necessary grade and elevation for proposed ramp.

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

   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.**

   No. The project is entirely below OHWM and HTL.

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 project is to repair and replace an existing structure in the same footprint without expansion of materials or footprint. The proposed work does not alter existing drainage patterns in the vicinity of the project site.

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**

[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

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 boat launch being repaired.

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.**

   Runoff will continue to sheet flow over pavement for boat launch and into Marrowstone Bay.

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

   No. The project is to repair the existing boat launch.

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

   No, the project is to repair an existing structure in the same footprint without expansion of materials or footprint. The proposed work 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:

The following BMPs will be implemented to ensure water quality is not impacted during and after the removal and replacement of boat launch including**:**

- All work, including excavation and demolition activities, will be completed in the dry. Debris created during demolition will be removed in the dry and will not be allowed to be covered by the incoming tide.
- Project construction will be completed in compliance with Washington State Water Quality Standards (WAC 173-201A).
- The contractor will prepare an 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 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.
- 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.
- 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 will be allowed to enter into jurisdictional waters or placed where it will be subject to erosion by rain, wind, or waves and enter into jurisdictional waters.
- 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.
- Protective measures will be used to prevent accidental discharges to waters during fueling, cleaning, and maintenance.
- Temporary erosion controls will be installed prior to earthwork. Waddles and/or silt fencing will be property installed adjacent to work zones to protect existing nearshore vegetation and prevent any excessive siltation runoff from entering intertidal critical areas.

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?

77 Sq. ft of wetland vegetation will be removed temporarily and restored in place. Excavated soil will be stockpiled and the area will be backfilled with wetland soil once ramp installation is complete. 77 sq. ft of following species will be planted in disturbed area: 6 Pickleweed (*Salicornia pacifica*), 6 tufted hairgrass (*Deschampsia cespitosa*), 6 beach strawberry (*Fragaria chiloensis*), and 6 Seashore lupine (*Lupinus littoralis*), planted 24" on center (O.C) with triangular spacing.

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

The Washington Department of Natural Resources Heritage Program Database (accessed July 2nd, 2025) shows there are no endangered or threatened species near the project location.

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

Parks is proposing riparian planting to offset impacts from the project. Riparian planting will be completed in accordance with the Mitigation Plan prepared for this project. A revised mitigation plan is currently being produced and will be included in the critical area report. The proposed planting areas were chosen based on review of the nearshore habitats, public access, and determining the highest ecological lift that could be provided in these areas. Proposed planting areas will be along the shoreline within the state park boundary. Planting locations will help provide erosion control to the bluffs and prevent recreators from disturbing these locations. Any invasive plant species identified within the planting area will be removed. Following installation, the mitigation area will be maintained and monitored for a period of 5 years to ensure that it is developing successfully.

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

English Ivy (*Hedera helix*).

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:**

[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

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 June 18th, 2025) indicates the following species and habitats that occur within the project area:

- Pacific Sand Lance (*Ammodytes hexapterus*) breeding areas
- Surf Smelt (*Hypomesus pretiosus)* breeding areas
- Hardshell Clam (*Mercenaria mercenaria*) presence
- Pacific Herring (*Clupea pallasi*) (Georgia Basin DPS)
- Waterfowl Concentrations
- Estuarine and Marine Wetlands
- Big Brown Bat (*Eptesicus fuscus*)

The U.S. Fish and Wildlife Service's Information for Planning and Consultation (IPaC) website (accessed June 18th, 2025) and NOAA Fisheries West Coast Region Species and Habitat App (accessed Juen 18th, 2025) indicates the following species and habitats may occur within the project area:

- Marbled Murrelet (*Brachyramphus marmoratus)* (no critical habitat at this location)
- Yellow-billed cuckoo (*Coccyzus americanus*)(no critical habitat at this location)
- Northwestern pond turtle (*Actinemys marmorata)* (no critical habitat at this location)
- Bull trout (*Salvelinus confluentus)* (no critical habitat at this location)
- Monarch Butterfly (*Danaus Plexippus)* (no critical habitat at this location)
- Puget Sound/Strait of Georgia Chum (*Oncorhynchus keta)* occurrence and critical habitat
- Hood Canal summer-run Chum (*Oncorhynchus keta)* occurrence and critical habitat
- Puget Sound/Strait of Georgia Coho (*Oncorhynchus kisutch)* occurrence ad critical habitat
- Southern Resident DPS Killer Whale (*Orcinus orca)* occurrence and critical habitat
- Puget Sound-Georgia Basin DPS Bocaccio Rockfish (*Sebastes paucispinis)* occurrence and critical habitat
- Puget Sound ESU Chinook Salmon (*Oncorhynchus tshawytscha)* occurrence and critical habitat

• Steelhead (*Oncorhynchus mykiss)* occurrence and critical habitat

No impacts to upland species are anticipated as the project will take place within the marine environment. For the aquatic species listed above proposed work will follow the best management practices listed in question B.5.d to avoid and minimize potential impacts.

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 area. route for salmon. The Pacific Flyway is route for migratory birds which 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 project will comply with all conditions of the Salish Sea Nearshore Programmatic (SSNP) (see Section 3 of attached document). The proposed repairs will be completed in the dry and at low tide. Work will begin once all necessary local, state, and federal permits and/or approvals are obtained. Project duration including mobilization and demobilization is anticipated to take up to two months. The project will comply with the in-water work window for the project area (anticipated to be July 16 through February 15). Forage fish work windows may also apply and compliance with these windows will be determined during the permitting process.

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 maintenance and repair of a boat launch that does not have any energy sources or demands. Construction equipment could include an excavator, forklift, trucks, concrete saw, power saw, and other hand tools.

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

No. The project is maintenance and repair of the boat launch 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.

[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 energy conservation features are proposed as the project is maintenance 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: Toxics Cleanup site (accessed August 30, 2024) indicates there are no known cleanup sites within the park and the nearest mapped cleanup site is located approximately 2,000 feet away near the south end of Mystery Bay. The pier is creosote and therefore a known contamination within the project 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.**

   The pier adjacent to the boat launch is constructed of creosote treated wood. Creosote leaches toxins into the water and is therefore an existing hazardous material within the project area.

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 stored and maintained. As described above, the proposed boat launch is constructed with precast concrete planks. The existing boat launch 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 have training in providing certain levels of these types of services. Also see section B.15 Public Services.

[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

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

   Not applicable.

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 that 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 will occur during normal workday hours for the boat launch repair.

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 and shell fishing. Adjacent properties are used as 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 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 Mystery Bay State Park include a parking lot, restrooms, access pier, floating dock, and boat ramp. The access pier is approximately 270-feet-long and is

[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

supported by sixteen pile bents. An aluminum pedestrian gangway provides access from the pier to the floating dock. The floating dock is approximately 325 feet long by 12 feet wide. The floating dock is held in place by eight timber-pile dolphins. The boat ramp consists of reinforced concrete and measures approximately 180 feet long by 12 feet wide.

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?

Shoreline Residential.

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 and in 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.

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 as it is entirely below OHWM.

9. Housing

Find help answering housing questions[12]

[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

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?**

The tallest structure is the 3' tall fence used for the mitigation area.

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

No views will be altered or obstructed. This project is maintenance and repair of the existing structure.

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

None. The project is repair and maintenance without changes to the footprint, or materials of the structure.

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. The project is to repair and maintenance of the boat launch using precast concrete planks.

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

No, the project will not generate 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:**

[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

There are no measures to reduce or control light glare as they are not anticipated to be a factor or change as a result of maintenance and repair activities.

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 Mystery Bay State Park. Mystery Bay State Park offers recreation opportunities including beach exploration, crabbing, boating, fishing, kayaking, bird watching, shell fishing, paddleboarding, and more.

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

No. Proposed project will improve recreational opportunities by improving access to boat launch. During construction, the boat launch will be temporarily inaccessible but will be reopened immediately after construction is completed.

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 by improving access to boat launch.

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.

There are likely no cultural resources in or near the project area that are over 45 years of age that are listed in or appear eligible for listing in any historic preservation registers. In 2024, the nearby Mystery Bay State Park Pier was recorded as Historic Property #732680 on WISAARD and determined not eligible for listing in the National Register of Historic Places (NRHP). In 2024, the subject boat ramp was recorded as Historic Property #735695 on WISAARD, evaluated by WSPRC Historic Preservation Program staff, and recommended as not eligible for listing in the NRHP. As part of the project, the USACE will submit Property #735695 to DAHP during Section 106 consultation for final NRHP determination. In addition, no NRHP historic district is present in Mystery Bay State Park.

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.

Previous studies conducted in the area include:

[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

Berger, Margaret. 2006. Preliminary Cultural Resources Assessment for the Marrowstone Island Water System Project, Marrowstone Island. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

Kelley, Lisa. 2013. Cultural Resource Survey of the Boat Launch Site and Utility Improvement Project at Mystery Bay State Park. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

Lahren, Sylvester. 2013. Cultural Resources Survey and Presence/Absence Testing, 2110 East Marrowstone Road, Nordland. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

Wessen, Gary. 2019. An Archaeological Survey of the Price-Sander Project Area, Marrowstone Island, Jefferson County, Washington. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

Zuccotti, Lucy. 2008. Letter to Ginna Correa RE: Cultural Resources Section 106 Review for WDFW's LIP: JCD Mystery Bay Fish Passage Project. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

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.

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 and an Archeologist will be onsite to monitor any ground disturbing activities.

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 is located off Flagler Road in Nordland, Washington. There is no proposed work occurring within the roadways near the project.

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?**

   Jefferson County public transit offers routes to Fort Flagler State Park which is north of Mystery Bay State Park.

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. The project is repair and maintenance of existing marine structures including the boat launch.

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

   No. The project will use the existing road system to access the site.

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. This project is repair and maintenance only.

15. Public services

Find help answering public service questions[17]

[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
[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

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. The project is repair and maintenance only. 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. The project is repair and maintenance only and no public service impacts are anticipated.

16. Utilities

Find help answering utilities questions[18]

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

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 the project or needed as a result of the 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.

Type name of signee: Clare Wirzbicki

Position and agency/organization: Environmental Planner WSPRC

Date submitted: **07/16/2025**

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