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.

Instructions for applicants

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

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

Instructions for lead agencies

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

Use of checklist for nonproject proposals

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

[1] https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance

A.Background

Find help answering background questions[2]

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

   WDFW Elliott Bay Fishing Pier

2. **Name of applicant:**

   S. Joey Murphy, Washington State Department of Fish and Wildlife (WDFW)

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

   600 Capitol Way N, Olympia, WA 98504; 360-763-2066

4. **Date checklist prepared:**

   1/15/2025

5. **Agency requesting checklist:**

   WDFW

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

   Tentatively proposed for Summer/Fall 2027

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

   No.

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

   At this point, there has been a habitat survey to delineate aquatic vegetation survey and a draft conservation calculator estimate in coordination with NOAA.

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.**

   WDFW is not aware of any applications pending for governmental approvals of other proposals directly affecting the property covered by this proposal.

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

- US Army Corps of Engineers Section 10 and 404 permit (individual)
- Coastal Zone Management Act Consistency Determination
- 401 WQC
- Section 106 NHPA
- City of Seattle Shorelines
- City building, grading, and other local permits for construction activities requiring city review
- Hydraulic Project Approval

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

- Aquatic lands right-of-entry license

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.)

The Elliot Bay Fishing pier is a public access pier that is on the waterfront of Elliott Bay Park. After assessments in 2013 and 2018, the original Elliot Bay Fishing Pier was deemed structurally unsafe and closed in 2016. The original pier and the proposed new pier have the same intended use which is public access, fishing and related activities, and general recreation.

The project proposes to remove the existing structure and pilings and replace it with a new structure with a reduction in size, height and shading due to a smaller overwater coverage of 7,896 square feet, in addition to the associated pilings. The majority of the project is over water, with a small portion of the project consisting of the landing above the ordinary high-water mark (OWHM).

There will also be an uplands plaza adjacent to the overwater fishing pier and the overall project will include lighting, benches, bike rakes, interpretive signage, ADA accessible use, and other typical additions supporting public pier use.

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 project site is located at the Elliott Bay Park waterfront in Seattle, WA.

Address: 2711 Alaskan Way N. (Pier 86)
Lat/Long: 47.373010 N, -122.221432 W
Section: 25, Township: T25N, Range: R03E W.M.

B.Environmental Elements

1. Earth

Find help answering earth questions[3]

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

a. General description of the site:

This is a generally flat area adjacent that consists of part of the waterfront portion of Centennial Park. The shoreline consists of hard armoring in this area.

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

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

The project is mostly overwater. The adjacent upland area is primarily flat (<5% slope), the hard armoring leading to the water is the only steep slope in the project vicinity, and is an approximate 20-45% slope, but is variable due to the size of the rock.

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.

Elliott Bay Fishing Pier sits in a portion of the Seattle waterfront built up as reclaimed land in the late 1970s. Prior to creation of this land the waters of Elliott Bay extended an additional 600 feet towards the BSNS rail lines to the northeast. This area of the Bay was filled in with granular fill and a large soil dike to create the existing shoreline. The dike slope continues offshore until it meets the mudline of Elliott Bay. A portion of the area adjacent to the dike slope was dredged as part of this project to facilitate larger vessels accessing the grain offloading terminal.
The soils across the site include the historical dike fill, marine deposits and dense to very dense glacial drift material. Soils near the fishing pier abutment generally consist of dike fill over dense to very dense glacially consolidated glacial drift. As the pier extends offshore the thickness of historical dike fill decreases and the underlying marine deposits transition to a looser, potentially liquefiable density.

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

The presence of the marine deposits (liquefiable layer) creates a significant lateral spreading hazard at the location of the offshore piling.

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.

Approximately 40 cubic yards of soils will be removed for the adjacent plaza and associated utilities. Approximately 40 cubic yards of new materials (crushed rock, concrete) will be installed to create the new plaza. All new materials will be from approved upland sources.

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

During soil disturbance activities, applicable best management practices (BMPs) would be employed to minimize erosion on the site.

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

No new impervious surfaces upland is anticipated other than the new plaza (925 square feet).

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

Measures to reduce and control erosion that may be used, as necessary, at the project site include the following:

• Work would be performed according to the requirements and conditions of the Project permits and approvals.
• The contractor will be required to implement and maintain temporary erosion and sediment control BMPs through construction until construction is complete and the site is vegetated.
Finally, shorelines planting is planned in the vicinity of the landing/plaza area.

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.

During construction, emissions would be typical of construction sites such as temporary particulate matter and vehicle emissions.

It is anticipated that a barge would be used during certain phases of this project, as well as some trucks or heavy machinery landward. Emissions of this nature would be limited to what is needed to construct the pier using conventional methods.

Post-project maintenance would be anticipated to be minimal, such as light truck access.

The structure itself is not anticipated to generate any emissions on its own.

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

None anticipated.

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

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

Previously utilized and approved BMPs will be adhered to during the course of this project to reduce and control emissions impacts to a practical extent.

Construction equipment would be maintained in good working order to minimize airborne 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.**

   Yes. Elliott Bay directly abuts the project site with the next closest water body being the mouth of the Duwamish River, located roughly 2 miles to the south.

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. See attached plans for further detail.

   Piles will be driven as support structures for the pier under and immediately adjacent to the ordinary high-water mark (OHWM). It is likely that a barge would be utilized in the water during both the demolition and construction portions of this project.

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.**

   No fill or dredge materials are anticipated besides the existing concrete pilings being removed and replaced by new steel pilings.

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

   None anticipated.

[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

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

   FEMA delineates areas along the armored shoreline as Zone VE, which identify areas within the 1% annual probability floodplain with an increased hazard associated with storm waves. The proposed pier's lowest horizontal elevation is 3ft above the 100-year base flood elevation.

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.**

   Proposed construction does not involve any discharges of waste materials into surface waters. The proposal will include fish washing stations similar to other piers in the greater Puget Sound area which would dispel fish waste via drains into the water below the pier. The existing pier has fish cleaning stations that drain into the water below the pier, too.

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.**

   This type of impact is not anticipated.

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.**

   This type of impact is not anticipated.

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.**

[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

Runoff from non-polluting generating surfaces is anticipated to flow off the pier into Elliott Bay. A small amount of runoff will sheet flow off the plaza area toward Elliott Bay.

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

   This type of impact is not anticipated.

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

   This type of impact is not anticipated.

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

Although none are anticipated, appropriate BMPs will be implemented for the entirety of this project regarding water quality concerns.

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** (Kelp)

☐ **other types of vegetation**

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

No major vegetation/trees are proposed to be removed. Significant trees are highlighted in the design plans and are planned to be preserved and protected. Some adjacent landscaped grasses or shrubs will likely be disturbed during the construction process. Underwater vegetation will likely be disturbed, but only in the minimal area of piling installation.

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

FWS IPaC tool listed no threatened or endangered plant species known to be on or near this site.

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

Proposed plantings include the planting of coniferous trees, deciduous trees, shrubs, and groundcover plantings. Proposed trees include three vine maples (acer circinatum), two cascara (frangula purshiana), and one shore pine (pinus contorta). Proposed understory plants will consist of native low shrubs and flowering herbaceous plants.

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

Himalayan blackberry (Rubus armeniacus) is found in patches throughout the shoreline of the Project site. Non-native Lombardy Poplars (Populus nigra) and Black Locust trees (Robinia pseudoacacia) are also spreading near the shoreline of Centennial Park.

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:**

  31 bird species have been reportedly observed in the area, including double crested cormorant *(Nannopterum auritum),* surf scooter *(Melanitta perspicillata),* and Canada goose *(Branta canadensis)* (eBird 2024).

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

- Killer whales, Southern Resident DPS *(Orcinus orca)*
- Humpback whales, Mexico DPS *(Megaptera novaeangliae)*
- Gray whales, Western Northern Pacific stock *(Eschrichtius robustus)*
- Marbled murrelet *(Brachyramphus marmoratus)*
- Common loon *(Gavia immer)*

[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

- Bull trout, Coastal Puget Sound DPS *(Salvelinus confluentus)*
- Yelloweye rockfish, Puget Sound-Georgia Basin DPS *(Sebastes ruberrimus)*
- Boccaccio, Puget Sound-Georgia Basin DPS *(Sebastes paucispinis)*
- Chinook salmon, Puget Sound ESU *(Oncorhynchus tshawytscha)*
- Steelhead trout, Puget Sound DPS *(Oncorhynchus mykiss)*

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

The Project is located within the Pacific Flyway, a north-south corridor that extends from Alaska to Patagonia for migratory birds. The area also may serve as a nearshore migratory corridor for juvenile salmonids leaving the Duwamish River to the Pacific Ocean.

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

Work will be done within the in-water work window to reduce fish impacts. Area habitat biologists will be collaborated with to determine how to supplement BMPs particularly regarding marine mammals and other species of concern as determined by WDFW, USFWS and NMFS.

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

None known.

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.

The Project will use electric energy for the lights installed for public safety, fishing, and general recreation enhancement.

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

This is not anticipated.

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.

The use of solar power for non-public safety lighting features will be considered for feasibility.

[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

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.

Soil and groundwater contamination may be encountered elsewhere within the site associated with construction spills or undocumented events.
Known contamination associated with previous raw sewage discharges near the South Beach of Myrtle Edwards Park from the Elliott West WWTS outfall and Denny Way Regulator Station overflow outfall is present

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

   None are anticipated or known.

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

   No known toxic or hazardous chemicals are anticipated to be stored or produced during the Project's development or construction. Contractor may have fuels and chemicals on hand that will be stored and handled per contractor's Spill Prevention Control and Countermeasures Plan (SPCC)

3. **Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.**

   None known to be a potential hazard for this project.

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

   Emergency response, if necessary, would be by conventional emergency services (e.g., fire, medical, law enforcement).

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

   Establish BMPs will be followed to ensure compliance regarding any environmental health hazards.

b. Noise

[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

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

   None anticipated to the point of being detrimental or significantly affecting 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)?**

   No long-term effects would be anticipated with the exception of noise associated with public use. There are no businesses or residences immediately adjacent and any associated long-term noise from use of the pier would not be anticipated to materially exceed the existing ambient noise from traffic and public use of the park.

   Short-term noise from construction would be anticipated to be mostly or entirely during daylight hours unless tidal conditions dictate otherwise and would be comprised of heavy machinery use and pile-driving.

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

   Construction activities would occur during daylight hours to the extent practicable. If needed, temporary noise variances would be obtained. For underwater noise, adherence to NMFS and USFWS requirements will ensure listed species are protected.

   The project is installing shore power outlets to avoid the use of generators for lighting while squid jigging. This will reduce the noise from the previous use of the pier.

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.**

   Recreation, fishing, pedestrian foot and bike traffic. No effect is anticipated to current land use besides potential increase of pedestrian traffic due to increased pier usage. This sight is adjoining to a public park and the project would support enhancing its use.

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.

Near the north end of Centennial Park are two small concrete block buildings adjacent to the paths: an operational public restroom facility (approximately 350 square feet) and concessions building (approximately 650 square feet) currently not used. A small concrete plaza waterward of the concessions building connects to public fishing pier which is proposed to be replaced for this project.

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

The existing fishing pier will be demolished and replaced as the primary purpose of this proposed project.

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

II U/85 is an industrial and maritime zone, which generally allows only industrial and certain commercial uses with some zones in this class providing limited opportunities for workforce housing that supports industrial uses.

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

Manufacturing/industrial center.

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

The City of Seattle's Shoreline Master Program (SMP) designated the area encompassing the project site as Conservancy Management which allows piers associated with shoreline parks.

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

Yes, the City of Seatle Department of Construction and inspections identifies the critical areas at the project site as a 'Flood Prone Area' and a 'Liquefaction Prone Area'.

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

The site is a public park and people do not work or reside in the Project site.

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

None.

k. Proposed measures to avoid or reduce displacement impacts, if any.

None needed.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.

None anticipated to be needed as the land use is not proposed to be changed.

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

None are anticipated to be needed.

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 are anticipated to be needed or are 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 main structure (deck surface of the pier) would extend approximately 11 feet above the OHWM, which is the same elevation as the adjacent plaza upland. The associated

[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

light poles on the pier and upland plaza area would likely extend 10-15 feet above the pier structure deck surface elevation.

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

Minimal or none exceeding existing conditions.

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

None anticipated to be needed. The new pier will include less vertical structures than the existing pier, because it does not include the shelters. As such, its lower profile creates fewer impacts to the viewshed.

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?

During construction, temporary lighting could be used by contractors during early morning hours or late afternoon hours for visibility and safety. The lights not required for safety purposes would be turned off at the end of each workday.

Lighting for public safety, use, and literature illumination is proposed to be included. The light would be in use continuously during non-daylight hours.

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

Not anticipated.

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

None are anticipated.

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

A light effect study is being done to determine the best path to minimize light impacts to the marine environment. The project lead is collaborating with its design team and the local area WDFW biologist to select and orient the light source in a manner which will reduce impacts to the extent possible while also promoting public safety and use.

[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

12. Recreation

Find help answering recreation questions

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

Pedestrian foot and bike traffic, general recreation, fishing, and other uses typically associated with a public park and fishing pier.

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

No anticipated displacement. The project is expected and intended to increase public recreation.

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

None anticipated to be needed as one of the primary intents of the project is to enhance recreation opportunities.

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.

Within 1 mile of the project there are seven recorded historic sites and 12 National and Washington State Register listed historic properties. No precontact archaeological sites or cemeteries are recorded within 1 mile of the project. The project is depicted by DAHP as being within a Maritime Heritage Area, although no additional details were available.

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

The landscape has been identified as potentially culturally sensitive location; there are no recorded landmarks, features, or other evidence of Indian or historic use or occupation within the project area. However, the existing Elliot Bay Pier was constructed in 1980, and is 45 years old. As the property is within King County, it will be recorded and evaluated for

[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

eligibility for listing in the National Register of Historic Places, and a Historic Property Inventory (HPI) form will recorded with DAHP. A review of historic maps and the DAHP database did not result in the identification of any recorded cultural features within the project area.

Table 1. Cultural Resources Studies within 1 mile of the project, available at DAHP.

Author	Report Date	Title	NADB
Leonard A. Forsman	6/19/1905	Denny Way/Lake Union Combined Sewer Overflow Control Project Seattle, Cultural Resources Assessment	1339767
Lorna Billat	6/26/1905	Letter to Greg Griffith Regarding Request for Consultation and Concurrence Regarding a Proposed Collocation of a Wireless Telecommunication Service Facility to be Located on the Roof of a Building at 904 Elliott Avenue West, in Seattle	1343130
Kenneth Juell	7/25/2006	Archaeological Site Assessment of Sound Transit's Sounder: Everett to Seattle Commuter Rail System, King and Snohomish Counties	1348189
James Schumacher	1/8/2007	Archaeological Monitoring for 333 Elliott Avenue W, Seattle	1348832
Charles M. Hodges	6/13/2007	Letter to Jason Jordan Regarding Results of Archaeological Fieldwork, Pier 91 Berth Dredging, Seattle	1349570
Charles M. Hodges	7/5/2007	Results of Archaeological Fieldwork, Berth M Apron Replacement, Seattle	1349894
Ann Gillespie	8/18/2008	Historical Resources Assessment for the Queen Anne Post Office at 415 1st Avenue North, Seattle	1351894
Joe Hamilton	9/22/2008	Cultural Resources Monitoring of Mass Excavation at 635 Elliott Avenue West	1352171
Megan Herkelrath	3/26/2007	Archaeological and Historical Resources Survey of 635 Elliott Avenue West, Seattle	1352216
Michael Sullivan	2/1/2009	Queen Anne Post Office Historic Structures Report (Queen Anne Station and Regional Headquarters), Parcel 1988200060	1353032
Alicia Valentino	8/13/2009	Assessment for the West Thomas Street Pedestrian Overpass Project, Seattle	1353335
Timothy Askin	4/16/2013	Historic Properties Survey of Farwest Liquidation Site Telecom Installation 1461-1465 Elliott Ave W, Seattle	1683681
Timothy Askin	6/3/2013	Historic Properties Survey of Queen Anne Hill/Lindon Apartments Telecom Installation 4W Garfield St., Seattle	1683711
Alicia Valentino	1/1/2016	South Magnolia CSO Project, Seattle, King County, Washington: Results of Data Recovery at 45-KI-1200.	1687901
Susan Trexler	4/27/2017	Architectural History Survey, Interbay Lofts Project, Seattle, Washington	1691179

Margaret Berger	10/23/2019	Archaeological Monitoring of Geotechnical Testing and Utility Potholing, Interbay Forcemain and Odor Control Project – Phase 1, Seattle, King County, WA	1695183
Margaret Berger	10/20/2020	Archaeological Monitoring of Geotechnical Testing and Utility Potholing, Interbay Forcemain and Odor Control Project – Phase 3, Final Design, Seattle, King County, WA	1695184
Robert Patterson	11/7/2022	Seattle Readiness Center MOV Archeological Monitoring Report	1697277

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.

The project was reviewed by a WDFW archaeologist. Context for project evaluation was derived from a review of survey and site documents available on DAHP's WISAARD database, a review of DAHP's predictive model. Portions of the project may have a high probability to impact archaeological resources. The location is within the traditional and accustomed fishing areas of the Suquamish and Muckleshoot tribes. Government to government consultation has been initiated under the direction of WDFW's tribal liaison James Woods.

Tribal consultation is being carried out with the Suquamish and Muckleshooot Tribe to identify the potential for impacts to cultural resources.

The results of these investigations will be used to inform final project design.

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.

The project has been reviewed by a WDFW professional archaeologist, who has determined that portions of the project may have a high probability to impact archaeological resources, particularly historic period resources. The existing pier is 45 years old and will be recorded and evaluated for NRHP eligibility. The results of these investigations will be used to inform final project design.

Given that the majority of the proposed ground disturbance is either under water or currently covered in impervious surface, field survey is not possible. The HPI for the pier will include historic map and aerial work and consideration of the potential for intact

archaeological deposits to be present in the project areas. If the potential for cultural significant features are discovered during research, archaeological monitoring may be recommended. Further consultation will be carried out with affected Tribes measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources.

Under all circumstances, the project will operate under WDFW's Inadvertent Discovery Plan, which provides the project proponent with a detail series of steps to follow upon the unanticipated discovery of archaeological or cultural materials

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.

Public streets that are close to the Project site include Broad St./Elliott Ave. and Alaskan Way W. Access to the site is predominantly limited to pedestrian trails.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

There are public transit opportunities in the geographic area, although not immediately adjacent. The approximate distance to the nearest transit stop is .2 miles. The site is also served by the Seattle Monorail, with the closest stop located 1 mile away from the site, and by WSF Colman Dock, located approximately 1.8 miles south of the Project site.

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).

Some existing pedestrian and bicycle use areas will be replaced.

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

Not anticipated.

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

[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

the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

The only anticipated increase in vehicular trips would be due to the reinstatement of the previously existing pier and its associated uses, primarily maintenance as needed.

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.

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

None are anticipated to be necessary.

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.

None are intended to be necessary beyond the public services currently in place for this public use are.

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

None are anticipated to be necessary.

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:

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.

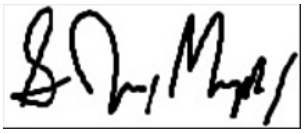
Water and electricity service are proposed to be included for the public use aspects of this pier.

[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

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: Sean Murphy

Position and agency/organization: Environmental Planner 3, Washington Department of Fish and Wildlife

Date submitted: **3/10/2025**

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