SEPA ENVIRONMENTAL CHECKLIST

THE PURPOSE OF SEPA

The State Environmental Policy Act (SEPA) requires the City to consider the environmental impacts of a proposal before making decisions. The City will use this checklist to help determine whether the environmental impacts of your proposal are significant and decide whether an Environmental Impact Statement (EIS) is required from a Determination of Significance (DS), or a Determination of Non-Significance (DNS) may be issued. An EIS must be prepared for all proposals with probable significant adverse impacts on the environment. Frequently, however, the impacts of a proposal can be mitigated through certain conditions or voluntary measures agreed to by the applicant. Mitigation measures may include, for example, limiting construction hours to reduce noise, preserving significant trees or habitat, and a variety of other issues regarding the environment.

New development proposals may also place an added burden on public services. New residents and employees use public parks, require fire and police protection, and other general government services. These impacts are significant during the first few years after a proposal is submitted to the City, and before the tax the City receives generated by the project. City service providers must cover increasing expenses without compensating revenues. Impact mitigation under SEPA is designed to help reduce the strain on public services.

Also, capital costs associated with providing facilities for new residents and employees are not covered by these tax revenues. In a rapidly growing community, existing City taxpayers must make up unpaid short-term operational costs and capital expanses. Unless these impacts are mitigated, current City taxpayers would be put in the position of subsidizing new development and would not realize a full return on their tax dollars.

WHEN A CHECKLIST IS REQUIRED

The SEPA review process generally begins when someone submits a permit application to the City, for example, a building permit, land use application such as a conditional use or a rezone, grading permits, or any such project where the City is required to issue a permit or approval. This is considered an “action” under SEPA, in the Washington Administrative Code WAC 197-11-704.

EXEMPTIONS TO SEPA

To be exempt from SEPA review, the proposed project must be smaller than or equal to the following:

- ◊ The construction or location of any residential structures of twenty (20) dwelling units;
- ◊ For multifamily residential projects, up to sixty (60) dwelling units;
- ◊ The construction of an office, school, commercial, recreational, service, or storage building 12,000 square feet in size with forty (40) parking spaces;
- ◊ For agricultural structures, up to forty thousand square feet;
- ◊ Repair, remodel, and maintenance activities (unless associated with a non-exempt proposal);
- ◊ For parking facilities, up to forty (40) parking spaces;
- ◊ For landfills and excavations in WAC 197-11-800(1)(b)(v), up to one thousand cubic yards;
- ◊ The vacation of streets and roads;
- ◊ The granting of variances based on special circumstances.

CRITICAL AREAS

Pursuant to the Washington Growth Management Act (GMA), the City requires protection of critical areas within the city limits. These areas, along with protective buffers, include wetlands and streams, frequently flooded areas, aquifer recharge areas, fish and wildlife habitat, and geologically hazardous areas (steep slopes, soils with high erosion rates). The Critical Areas Ordinance, as codified in Chapter 19.05 of the Port Townsend MunicipalCode, establishes protection standards that minimize development impacts.

If your property is in a mapped critical area, or meets the criteria for a critical area, City staff may conduct a site investigation or you may need to obtain the services of a professional, such as an engineering geologist or wetlands specialist to determine if the mapping is correct. If it is, you may be required to obtain a Critical Area permit. Critical areas maps are available on the third floor of City Hall, 250 Madison Street, in the Development Services Department. You can request a City staff person to print this map for you.

INSTRUCTIONS FOR APPLICANTS

The Environmental Checklist asks you to describe some basic information about your proposal. Please answer the questions descriptively, but briefly. Be as accurate as possible, and use the most precise information available to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. However, answers to some questions may require expertise or technical assistance from qualified persons. The cost of obtaining such information is the responsibility of the applicant.

If you do not know the answer, write, “do not know,” or if it does not apply to your proposal, write “does not apply.” *Complete answers to the questions now may avoid unnecessary delays later.*

Some questions ask about governmental regulations, such as zoning, shoreline, and land use designations. Answer these questions if you can. If you need help, City staff can assist you. The Checklist questions apply to all parts of your proposal, even if you plan to do it 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 PROCESS

A pre-application conference with City Development Services Department (DSD) staff is required prior to submitting a SEPA environmental checklist. Filing a checklist with thorough answers the first time may avoid unnecessary delays later.

Within 14 days of determining that a SEPA application is complete, DSD will provide the public and adjacent property owners with notice and an opportunity to comment on the pending threshold determination.

The DSD will provide the applicant with a copy of the notice of the pending threshold determination posted on one (or in some cases two) public notice boards, and one (1) copy of an affidavit of posting. The applicant posts the notice(s), placing the board(s) in conspicuous locations on or near the property, and maintains them in place until the determination is issued. The affidavit of posting must be signed, notarized, and returned to the DSD no later than seven (7) days after the notices are provided. Upon issuance of the determination, any conditions imposed must be posted on the signboards and remain there until the project has been finaled.

The DSD will arrange one (1) publication of the notice to appear in a newspaper of general circulation within the City. Any person will then have a period of 20 days (30 days if a shoreline permit is involved) from the date of publication to submit information and comments to the DSD relating to the project. All comments received will be provided to the applicant. In addition to having the property posted and publishing the notice, DSD staff may opt to hold a public meeting to review the checklist, schedule a public site visit or informal meeting with the proponent, adjacent property owners, or interested citizens, or use any other reasonable method deemed appropriate by the staff.

The planning staff member who is the responsible official will make the threshold determination and issue either a Determination of Non-Significance (DNS), a Mitigated Determination of Non-Significance (MDNS), or a Determination of Significance (DS). An applicant may request in writing early notice if a DS is likely. A DS may not be appealed.

If the responsible official finds that a proposal is likely to have some potential significant environmental impacts, the applicant may modify the proposal to reduce such impacts, so that an MDNS could be issued. An MDNS lists specific mitigation measures to be implemented by the applicant to reduce impacts. If the project is approved with specific mitigating conditions, the applicant must post the conditions and return a signed, notarized affidavit of posting, and maintain the posted conditions during construction. The conditions must be removed upon completion of the project.

No threshold determination is final until expiration of the 15-day administrative appeal period. If it is appealed, then the determination is final when the decision is made on the appeal. If no written comments have been received on a threshold determination, no appeal is available.

A written statement appealing the threshold determination of the responsible official must be filed with the Development Services Department Director within fifteen (15) calendar days of the date of publication of the threshold determination. If any person has already filed comments on the pending determination, submittal of a written appeal letter is required. If a person has not commented previously, both a comment letter and a separate appeal letter must be submitted within the 15-day administrative appeal comment period.

The fee to appeal the Director's decision is $369.04. The fee is waived if a valid petition is signed by 200 Port Townsend citizens and is submitted to DSD within the 15-day appeal period. The appeal must clearly list the names and addresses of each signatory.

Decisions on additional necessary permits for a proposal cannot take place until the environmental review process is completed. In addition, no site work, including clearing or grading, may commence prior to completion of the SEPA process. So, while a hearing before the Planning Commission or the Hearings Examiner may be held before the environmental review process is completed, decisions must await completion of SEPA review.

The SEPA review process can normally be accomplished within 90 days of the City receiving a complete application, unless the City requests additional technical studies. Please contact a City planner at 360.379.5095 if you have questions.

USE OF CHECKLIST FOR NON-PROJECT PROPOSALS:

For non-project 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.

SEPA Application
Submittal Requirements
CHECKLIST

☐ Completed Checklist

☐ Application fee

Minor: $728.08 (plus $355.00 for notice fees)

Major: $1446.16 (Plus $455.00 for notice fees) *(i.e. Planned Unit Developments, Full Subdivisions, Commercial projects in excess of 10,000 square feet and any other major projects).*

Additional Fees: Additional fees may apply should companion applications be required.

☐ The latest list of tax parcels and their owners within 300 feet of the property, prepared by a Title Company, with said owner's names and addresses typed on mailing labels. The City will supply envelopes. For minor SEPA, include 1 set of mailing labels; for major SEPA, include 2 sets of mailing labels.

☐ A vicinity map of the area as shown by the Jefferson County Assessor's Office

☐ **Three copies of a site plan** showing the dimensions and shape of:

- ☐ Existing lots
- ☐ All existing or proposed structures/improvements
- ☐ Existing and Proposed building floor space (if applicable)
- ☐ Conceptual building elevations (if applicable)
- ☐ Adjacent streets, alleys, driveways and off-street parking
- ☐ Utilities, parking, landscape areas, adjacent land uses
- ☐ All easements, deeds, restrictions or other encumbrances restricting the use of the property, if applicable
- ☐ Significant natural features such as creeks, wetlands, steep slopes, etc.
- ☐ The location of any critical areas and/or buffers as described in PTMC 19.05, including all floodplains, lying within or adjacent to the proposed variance; Critical Areas special reports where required by (PTMC 19.05 - Critical Areas)
- ☐ North Arrow and scale

☐ If the above site plan is larger than 8-1/2" x 11", provide one 8-1/2" x 11" copy

☐ A drainage plan. If there are existing structures on-site, show and calculate the total amount of impervious surfaces (i.e. building roof areas, driveways) in square feet and current method of stormwater management (i.e. downspouts, drywells, etc.)

☐ Attach any additional information (reports, studies, maps, illustrations, leases, permits, etc.) that may further describe the proposal or as required by the Development Services Department.

SEPA INFORMATION

A. Background:

1. **Name of proposed project, if applicable:**
   Point Hudson Breakwater Replacement

2. **Name of applicant:**
   Port of Port Townsend

   Name of Contact person:
   Matthew Klontz

3. **Address and phone number of applicant and contact person:**
   Matthew Klontz
   PO Box 1180
   Port Townsend, WA 98368
   360-385-0656

   Email Addresses:
   matt@portofpt.com

4. **Date checklist prepared:**
   February 25, 2022

5. **Agency requesting checklist:**
   Port of Port Townsend

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

Construction Start:	Construction End:
September 2022 (North Break)	February 2023 (North Break)
September 2023 (South Break)	February 2024 (South Break)

   Work below the high tide line (HTL) and in-water will be conducted during the in-water work window of September 15-Jnauary 15 during both seasons.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
   There are no plans for future additions, expansion, or further activity.

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

- CZM
- Section 401 Water Quality Certification
- Biological Assessment
- WQMPP
- DAHP 106 Approval

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

None known.

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

- USACE Section 404 Permit
- WDFW Hydraulic Project Approval
- ESA Section 7 Consultation with NOAA NMFS/ USFWS

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.

a. Brief Description:

The proposed action, located within the city of Port Townsend, Washington, would replace the Point Hudson (48.116169 -122.750262) north and south breakwaters within the footprint of the existing breakwaters and designated navigation channel. The project would include the removal and replacement of two existing breakwaters, removal of creosote treated piles, installation of new steel piles, removal and replacement of shoreline armoring, and dredging within the existing navigation channels.

New breakwaters will include a combined rock & steel pipe pile breakwater system. In addition, a bulkhead extending shoreward of the south breakwater leg will be replaced and select maintenance dredging of the navigation channel will occur after construction of the breakwaters. The in-water construction will consist of removal of existing outer and core materials, dredging, debris disposal, installation of a rock habitat feature using recovered materials, installation of replacement breakwater materials, and installation of the breakwater armoring. Out-of-water construction (above HTL) will include excavation and backfilling behind the replacement bulkhead, placing rock, installing the top whaler above the water line, replacing pavement near the top of the southern breakwater and bulkhead, installing signage, and replacing handrails and navigation lights. New materials will have more environmental benefits, be more structurally sound, and have a 30-year minimum useful life. The proposed construction will reflect the original design concept from when the breakwaters were originally constructed in the 1930s with new materials to ensure functionality, environmental sustainability, and aesthetics.

b. Have any known wetlands or their buffers been identified on the property?

☒ No ☐ Yes

If yes, attach wetland report.

c. Are there any steep slopes (greater than 15%) on the property? ☒ No ☐ Yes

If yes, attach geotechnical report.

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.

(Attach additional pages if necessary.).

The proposed project is located at the Point Hudson Marina, Port of Port Townsend, Port Townsend, Jefferson County, Washington in legal geographic area of Section 1 of Township 30N and Range 01W in the SW corner. The tax parcel involved is 001013001. Adjacent properties include Port of Port Townsend 001013002 and Northwest Maritime Center 989700401.

Property Legal Description: Assessor's Tax #: 001013001

Addition: _____, Block(s): _____,

Lot(s): _____

Or Other Legal Description: _____

_____

Please print in ink or type each answer. Please do not write in area designated "Evaluation."	EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. EARTH

a. **General description of the site (mark one):**

☒ Flat □ Rolling □ Hilly □ Steep slopes

☐ Mountainous ☒ Other: Saltwater environment with 3 separately mapped eelgrass beds within the project vicinity.

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

12.5%

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 whetherthe proposal results in removing any of these soils.**

According to the USDA Web Soil Survey, the site soils consist of Co, coastal beaches, and Cu, cut and fill land.

d. **Are there surface indications or a history of unstable soils inthe immediate vicinity? If so, describe.**

None.

e. **Describe the purpose, type, total area, and approximate quantities of any filling, excavation, and grading proposed. Indicatesource of fill.**

Replacement of the existing 241-foot-long south breakwater and the 260-foot-long south bulkhead as well as the 255-foot-long north breakwater.

- A total of 827 creosote-treated wood piles will be removed: 320 piles of the south breakwater, 151 piles of south bulkhead, and 356 piles of the north breakwater will be removed.
- Removal of the existing armor stone material made up of roughly 2-3 foot diameter basalt stone that has weathered and fractured into smaller pieces.

Placement of 416 steel pipe piles: 165 for the south breakwater, 54 for the south bulkhead, and 197 for the northern breakwater.

- Installation of a minimum 2-3-foot-thick bedding layer for both the southern and northern breakwaters, and a 2-foot-thick layer for the bulkhead. The bedding layer materials will consist of approximately 7-inch median diameter stone.
- Pile spacing is 3 feet for the south breakwater, 2.5-3 feet for the south bulkhead, and 3 feet for the northern breakwater.
- New armor stone will be 3 feet to 5 feet granite or basalt stone

Summary of above and below high tide line (HTL) quantities:

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Dredge Sediment	1,045 CY	9,891 sq. ft.
South Breakwater Demolition & excavation	5,969 CY	16,266 sq. ft.
North Breakwater Demolition & excavation	4,433 CY	14,566 sq. ft.
South Breakwater Replacement	4,725 CY	23,874 sq. ft.
North Breakwater Replacement	4,142 CY	17,396 sq. ft.
Rock Habitat Feature Fill	900 CY	2,700 sq. ft.

- An addition of 221 CY of South Bulkhead and Shoreline Protection and 478 CY of North Shoreline Protection, included as part of the Breakwater Replacement's quantities above.

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

Erosion could occur during construction due to excavation activities.

g. **About what percent of the site would be covered with impervious surfaces after project construction (for example, asphaltor buildings)?**

No additional impervious surface will be added to the project site and disturbed existing impervious surfaces will be replaced in kind.

h. **Proposed measures to reduce or control erosion, or otherimpacts to the earth, if any:**

All upland soil disturbed areas will be protected in accordance with standard Best Management Practices (BMPs) as outlined in the WA Department of Ecology Stormwater Management Manual. A detailed Upland Erosion & Sediment Control Plan will be developed by the Contractor and submitted to the project engineer for review and approval prior to the start of construction.

Water resources will be protected by a water quality monitoring and protection plan (WQMPP).Hydrographic surveys will be used to determine and maintain the correct dredge prism. During demolition of the shoreward portion of the breakwater, temporary shoring will be installed to minimize beach migration and reduce loss of native material during structure excavation. Temporary shoring will be removed after construction.

2. AIR

a. **What types of emissions to the air would result from the proposal during construction, operation, and maintenance when theproject is completed? If any, generally describe and give approximate quantities if known.**

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Construction activities may temporarily generate small amounts of dust in the immediate vicinity of excavation. Carbon emissions may be generated due to construction machinery and workers driving to and from the job site. b. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.** There are no off-site sources of emissions that will affect the project. c. **Proposed measures to reduce or control emissions or other impacts to air, if any:** Dust will be controlled with water if needed. To reduce carbon emissions, machinery will be turned off when not in use. **3. WATER** **a. Surface Water:** 1) **Is there any surface water body on or in the immediate vicinityof the site (including year-round or seasonal streams, salt waters, lakes, ponds, and wetlands)? If yes, describe the type and provide names. If appropriate, state what stream or river it flows into:** The site is within the Admiralty Inlet. 2) **Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, describe the workand attach the available plans.** Yes, the project will require work in and adjacent to the described waters. Equipment will be barge-mounted for dredging and excavating. See attached plans. 3) **Estimate the amount of fill and dredge material that would beplaced in or removed from the surface water or wetlands and indicate the area of the site that would be affected. Identify the source of the fill material.** Materials to be placed into the water will consist of steel-pipe piles of 12.75-inch and 16-inch diameters, armor stone, bedding layer, and geotextile fabric. Material to be removed and excavated will be original timber piles, armor stone, and the general structure of breakwaters. In-water work will include: • Addition of 6,427 CY of armor stone and 2,257 CY of bedding stone below HTL within the entire breakwater and adjacent shorelines. • Addition of 861 CY of beach compatible material below HTL. • The design dredging depth will be -12 feet MLLW, with a 1-foot over dredge allowance.	

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Below HTL quantities are summarized below: Area values (square feet) include timber piles, armor stone, bedding layer, structure, steel piles, beach compatible material, and geotextile fabric for a total square footage of the proposed structures/elements.

Dredge Sediment	1,045 CY	9,891 sq. ft.
South Breakwater Demolition & excavation	5,969 CY	14,975 sq. ft.
North Breakwater Demolition & excavation	4,433 CY	14,566 sq. ft.
South Breakwater Replacement	4,342 CY	16,240 sq. ft.
North Breakwater Replacement	4,142 CY	16,078 sq. ft.
Rock Habitat Feature Fill	900 CY	2,700 sq. ft.
South Breakwater Bulkhead Replacement	63 CY	2,552 sq. ft.
North Breakwater Shoreline Protection Replacement	137 CY	672 sq. ft.

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

None.

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

Along the South Breakwater, the retaining wall and bulkhead within the Point Hudson Marina are mapped within FEMA Zone AE (within the 100-year flood) at NAVD 88 elevation of 12.0 ft. (equivalent to about 13.3 ft. MLLW). The proposed top of the breakwater retaining wall and bulkhead is 17 ft. MLLW, which is well above the flood elevation. The proposal is within FEMA flood map area IDs 53031C0132C and 53031C0155C, effective 6/7/2019.

6) **Does the proposal involve any discharges of waste materialsto surface waters? If so, describe the type of waste and anticipatedvolume of discharge.**

No waste materials are planned to discharge to the surface waters.

b. Ground Water:

1) **Will ground water 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 ground water? Give a general description, purpose, and approximate quantities, if known.**

There will be no known withdrawal from or discharge to the groundwater.

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2) **Describe waste material that would be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals …, agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve:** No discharge of waste materials will occur. **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 otherwaters? If so, describe.** There will be no water runoff. **2) Could waste materials enter ground or surface waters? If so,generally describe.** No waste materials are anticipated to enter any waters as part of this project. **3) Does the proposal alter or otherwise affect drainage patternsin the vicinity of the site? If so, describe.** The proposal does not alter or otherwise affect drainage patterns in the vicinity of the site. **4) Proposed measures to reduce or control surface, ground, andrunoff water, and drainage pattern impacts, if any.** A WQMPP has been prepared in compliance with Chapter 173A, Section 201A of the Washington Administrative Code (WAC), which has been approved by the EPA, as required under Section 401 of the Clean Water Act (CWA) (40 CFR Part 121). During creosote-piling extraction,Piling Removal BMPs as outlined by EPA 2016 will be followed. If pilings cannot be fully extracted, appropriate capping with compatiblematerial will occur. All areas around removed piles will be capped with approximately two feet of beach compatible material, extending at least one foot outside of the existing breakwater footprint. A containment boom and/or turbidity curtain will be used to capture all associated debris. Wastematerials will be separated and categorized for proper disposal. If temporary stockpiling is necessary before debris disposal, creosote piles will be stored on tarps and covered to prevent pollutants from entering the water. A clamshell dredge will be used to limit the volume of suspended sediment in the water column at the dredging locations.	

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4. PLANTS **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 □ Bulrush** **Skunk Cabbage □Other_____** **Water Plants: □ Water Lily ☒ Eelgrass □ Milfoil** ☒ **Other** sea lettuce (*Ulva sp.*) and rockweed (*Fucus sp.*)___ **□Other types of vegetation ____** b. **What kind and amount of vegetation would be removed oraltered?** The breakwater replacement will result in the short-term loss of individual macroalgae species, but these are expected to recolonize the available substrate upon the completion of the project. c. **List threatened or endangered species known to be on ornear the site.** • Eelgrass (*Zostera marina*) d. **Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:** Creosote pilings will be removed, enhancing habitat conditions. Eelgrass bed boundaries have been incorporated into project design maps for avoidance.The reduction in the overall footprint of breakwaters will create 17,315 sq ft of additional surface area. e. **List all noxious weeds and invasive species known to be onor near the site:** None.	

Please print in ink or type each answer. Please do not write in area designated "Evaluation."	EVALUATION FOR AGENCY USE ONLY

5. ANIMALS

a. **Check any birds and animals that have been observed on ornear the site or are known to be on or near the site:**

Birds:

☐**Hawk** □ **Heron** □ **Eagle** □ **Songbirds** □ **Other:**_____

Mammals: □ **Deer** □ **Bear** □ **Elk** □ **Beaver**

☐**Other:**_____

Fish: □ **Bass** ☒**Salmon** □ **Trout** □ **Herring**□ **Shellfish**
☒**Other:** *Metridium* anemones_____

b. **List any threatened or endangered species known to be on ornear the site.**

- Chum Salmon (*Oncorhynchus keta*)
- Bull trout (*Salvelinus confluentus)*
- Chinook Salmon (*Oncorhynchus tshawytscha)*
- Steelhead (*Oncorhynchus mykiss*)
- Bocaccio rockfish (*Sebastes paucispinis*)
- Canary Rockfish (*Sebastes pinniger*)
- Yelloweye Rockfish (*Sebastes ruberrimus*)
- Killer Whale (southern resident) (*Orcinus orca*)
- Marbled Murrelet (*Brachyramphus marmoratus*)
- Humpback Whale (*Megaptera novaeangliae*)
- Leatherback sea turtle (*Dermochelys coriacea*)

c. **Is the site part of a migration route? If so, explain.**
The project area is part of the Pacific Flyway route for migratory birds. It is the region of waterfowl wintering and migration areas.

d. **Proposed measures to preserve or enhance wildlife, if any:**
The deconstruction and minimization of the footprint of the structure will provide a proper distance from the delineated eelgrass bed, as well as the use of recovered rock material from the north breakwater for a rock habitat feature will create alternative habitat for sessile organisms and fish species.
Potential turbidity around eelgrass beds will be minimized through turbidity monitoring and BMP implementation as needed.
Extraneous rockfall and rubble outside the breakwater will be removed, and the new breakwaters will decrease in footprint area. A total of 2,871 SF of habitat will be recovered.

Please print in ink or type each answer. Please do not write in area designated "Evaluation."	EVALUATION FOR AGENCY USE ONLY
e. List any invasive animal species known to be on or near the site. None. **6. ENERGY AND NATURAL RESOURCES** 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 would be used for heating, manufacturing, etc.** Long-term electric power will be necessary. b. **Would your project affect the potential use of solar energy byadjacent properties? If so, generally describe.** The project will not affect the potential use of solar energy. c. **What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduceor control energy impacts, if any:** No conservation features are included. **7. ENVIRONMENTAL HEALTH** **a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so,describe.** None. **1) Describe any known or possible contamination at the sitefrom present or past uses.** None.	

Please print in ink or type each answer. Please do not write in area designated "Evaluation."	EVALUATION FOR AGENCY USE ONLY

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

Existing hazardous conditions include the creosote-treated timber piles to be removed as part of the project.

A portion of inner Port Townsend Bay to the southwest of the project area is listed for Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, Indeno (1,2,3-c,d)pyrene, and PCBs.

3) Describe special emergency services that might be required.

There are no special emergency services that might be required.

4) Proposed measures to reduce or control environmental healthhazards, if any:

EPA 2016 Piling Removal BMPs will be used for creosote piling removal. The Contractor will be responsible for the preparation of a Spill, Prevention, Control, and Countermeasure (SPCC) Plan to be used for the duration of the project. The SPCC Plan will be submitted to and approved by the project engineer prior to the commencement of any construction activities. A copy of the SPCC Plan with any updates will be maintained at the work site by the Contractor. The SPCC Plan will provide advanced planning for potential spill sources and hazardous materials (gasoline, oils, chemicals, etc.) that the Contractor may encounter or utilizes as part of conducting the work. The SPCC plan will outline roles and responsibilities, notifications, inspection, and response protocols.

b. NOISE

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

Noise in the project area will not affect the proposed 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.

There will be temporary noise impacts from construction.

Please print in ink or type each answer. Please do not write in area designated "Evaluation."	EVALUATION FOR AGENCY USE ONLY
3) Proposed measures to reduce or control noise impacts, if any: The number of piles to be vibrated in per day will be restricted to 8 and the number of impact-proofed piles will be restricted to one per day. Steel piles will not be proofed within 2 hours of sunrise or sunset at any time during the construction period. Construction noise which is above background levels will occur for no more than 10 hours a day allowing undisturbed access to marine habitat for 14 hours a day. **8. LAND AND SHORELINE USE** 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 breakwater is used to protect vessels in the marina from waves and currents. The proposal will not affect adjacent properties. b. **Has the project site been used as working farmlands or working forest lands? If so, describe. How much agriculture or forestland of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource land has not been designated, how many acres of farmland or forest land tax status will be converted to non-farm or non-forest use?** N/A **1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversizedequipment access, the application of pesticides, tilling, and harvesting? If so, describe.** N/A	

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c. Describe any structures on the site. The current existing breakwaters are projecting from the north and south borders of the marina. Current condition has been deemed as unsuitable and the overall structural system is compromised. Timber piles, walers, cable tiebacks, and armor rocks all show signs of deterioration and are beyond useful life. **d. Will any structures be demolished? If so, what?** The north and south breakwaters will be demolished. **e. What is the current zoning classification of the site?** M-II(B) - Marine Related Uses - Point Hudson (City) **f. What is the current comprehensive plan designation of thesite?** City of Port Townsend- City Limits **g. If applicable, what is the current Shoreline Master Programdesignation of the site?** Aquatic. **h. Has any part of the site been classified as an "critical area" bythe city or the county? If so, specify.** None. **i. Approximately how many people would reside or work in thecompleted project?** None.	

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j. Approximately how many people would the completed projectdisplace? None. **k. Proposed measures to avoid or reduce displacement impacts,if any:** N/A **l. Proposed measures to ensure the proposal is compatible withexisting and projected land uses and plans, if any:** The removal and replacement of the north and south breakwaters is needed to provide the Point Hudson Marina with appropriate wave reflection and shelter from Admiralty Inlet in Port Townsend Bay. **m. Proposed measures to ensure the proposal is compatible withnearby agricultural and forest lands of long-term commercial significance, if any:** None. **9. HOUSING** a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.** No housing will be provided.	

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b. **Approximately how many units, if any, would be eliminated?Indicate whether high, middle, or low-income housing.** No housing will be eliminated. c. **Proposed measures to reduce or control housing impacts, ifany:** N/A **10. AESTHETICS** a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s)proposed?** No structures will be created above roadway/ground level. b. **What views in the immediate vicinity would be altered orobstructed?** None. c. **Proposed measures to reduce or control aesthetic impacts, if any:** None. **11. LIGHT AND GLARE** a. **What type of light or glare would the proposal produce? Whattime of the day would it mainly occur?** Light from navigation lights will be produced as a result of this project. This will be mostly noticeable at night.	

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b. **Could light or glare from the finished project be a safetyhazard or interfere with views?** Light or glare from the navigation lights will not be a safety hazard or interfere with views upon completion. c. **What existing off-site sources of light or glare may affect yourproposal?** No off-site sources of lighting will affect the proposed project. d. **Proposed measures to reduce or control light and glareimpacts, if any:** N/A **12. RECREATION** a. **What designated and informal recreational opportunities arein the immediate vicinity?** Point Hudson Marina provides transient and permanent moorage for boaters. The public can access Pt. Hudson's shoreline areas for a variety of activities, including (but not limited to) sightseeing, beach walking, wildlife viewing, fishing and kayaking/canoeing. b. **Would the proposed project displace any existing recreationaluses? If so, describe.** The southern breakwater's pedestrian walkway facility is currently closed, and its removal is unavoidable during construction. **c. Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by theproject or applicant, if any:** The southern breakwater walkway replacement is contingent on the project budget being sufficient at the time of project bidding.	

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13. HISTORICAL AND CULTURAL PRESERVATION

a. **Are there any buildings, structures, or sites located on or nearthe site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.**

The breakwater structures are determined eligible for listing on the National Register of Historic Places as contributing resources to the Point Hudson NRHP-eligible historic district, but the City of Port Townsend Architectural Review Committee has concurred that the structure would not be adversely affected by the undertaking. The proposal to reconstruct the breakwaters is necessary for the integrity of the historical site as well as prevention of loss or damage of property within the marina and shoreline.

b. **Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burialsor 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.**

Two underwater cultural resources were identified in the vicinity of the proposed rock nursery, including a sunken barge approximately 30 feet off the end of the south breakwater and "Saint Brendan's Cathedral," a massive underwater submarine fence anchor dating to WWII, but a determination that the project activities would not affect either resource was made.

Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examplesinclude consultation with tribes and the department of archeology and historic preservation, archeological surveys, historic maps, GIS data, etc.

Consultation with tribes and the DAHP and a cultural resources assessment.

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d. Proposed measures to avoid, minimize, or compensate forloss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. An inadvertent discovery plan has been prepared. **14. TRANSPORTATION** a. **Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show onsite plans, if any.** Public streets serving the site are Monroe Street and Water Street. b. **Is the site or affected geographic area currently served bypublic transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?** The nearest transit stop is at the corner of Jefferson Street and Monroe Street for Jefferson Transit Route 112. No routes travel through the project area. c. **How many additional parking spaces would the completedproject or non-project proposal have?** No parking spaces will be created. **How many spaces would the project or proposal eliminate?** No parking spaces will be eliminated. **d. Will the proposal require any new or improvements to existingroads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).** The project will not require any new roads.	

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e. **Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.** The project site is a marina. f. **How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and non-passenger vehicles). What dataor transportation models were used to make these estimates?** The project will not generate any vehicular trips. g. **Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets inthe area? If so, generally describe.** None. h. **Proposed measures to reduce or control transportationimpacts, if any:** N/A **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 additional need for public services would result from the project.	

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b. Proposed measures to reduce or control direct impacts onpublic services, if any:

N/A

16. UTILITIES

a. Check which utilities are currently available at the site:

☒**Electricity** □ **Natural Gas** □ **Water** □ **Refuse Service**

☐**Telephone** □ **Septic System** □ **Sanitary Sewer** □ **Other**

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

N/A

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand the lead agency is relying on this information to make its decision.

Signature: _____

Name of signee: _____

Position and agency/Organization: _____

Date Submitted: _____

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D. Supplemental sheet for non-project actions

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of theenvironment.

When answering these questions, be aware of the extent theproposal, or the types of activities likely to result from the proposal, that would affect the item at a greater intensity or at a faster rate than if the proposal was not implemented. Respond briefly and in general terms.

1. **How would the proposal be likely to increase discharge towater; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?**

_____

_____

Proposed measures to avoid or reduce such increases are:

_____

_____

2. **How would the proposal be likely to affect plants, animals,fish, or marine life?**

_____

_____

Proposed measures to protect or conserve plants, animals, fish, ormarine life are: _____

_____

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3. **How would the proposal be likely to deplete energy or naturalresources?** _____ _____ **Proposed measures to protect or conserve energy and naturalresources are:** _____ _____ 4. **How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such asparks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?** _____ _____ **Proposed measures to protect such resources or to avoid or reduceimpacts are:** _____ _____ 5. **How would the proposal be likely to affect land and shorelineuse, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?**	

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_____ **Proposed measures to avoid or reduce shoreline and land use impacts are:** _____ _____ 6. **How would the proposal be likely to increase demands ontransportation or public services and utilities?** _____ _____ **Proposed measures to reduce or respond to such demand(s) are:** _____ _____ 7. **Identify, if possible, whether the proposal may conflict with local, state or federal laws or requirements for the protectionof the environment?** _____	