



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

Shoreline Storm Damage Repair

Part 2—Applicant

The person and/or organization responsible for the project. [\[help\]](#)

2a. Name (Last, First, Middle)

Oman, Katie

2b. Organization (If applicable)

Northwest Maritime Center

2c. Mailing Address (Street or PO Box)

431 Water Street

2d. City, State, Zip

Port Townsend, WA, 98368

2e. Phone (1)

360.385.3628 x137

2f. Phone (2)

2g. Fax

2h. E-mail

katie@nwmaritime.org

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to

http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

3a. Name (Last, First, Middle)			
Tullis, Adam, Daniel			
3b. Organization (If applicable)			
Coastal Geologic Services, Inc.			
3c. Mailing Address (Street or PO Box)			
1711 Ellis Street, Suite 103			
3d. City, State, Zip			
Bellingham, WA, (8225			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
360.647.1845			adam@coastalgeo.com

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
4b. Organization (If applicable)			
4c. Mailing Address (Street or PO Box)			
4d. City, State, Zip			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- There are multiple project locations (e.g. linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
431 Water Street			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Port Townsend, WA, 98368			
5d. County [help]			
Jefferson			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
SW	1	30N	1W
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none"> Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83) 			
48.1158 Lat. / -122.7512 Lon.			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none"> The local county assessor's office can provide this information. 			
989700403, 989700401			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address		Tax Parcel # (if known)
Port Of Port Townsend	PO Box 1180		001013001 & 989704501
	Port Townsend, WA 98368-0980		
Port Townsend Salmon Club	Care of Tim Holbrook, 820 Hood Street		989700501
	Port Townsend, WA 98368-9610		

5i. List all wetlands on or adjacent to the project location. [help]
None
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
Port Townsend Bay
5k. Is any part of the project area within a 100-year floodplain? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
The upper beach consists of gravel and shell hash on a sandy base with a narrow band of pea gravel and sand below MHHW (+8.52 ft MLLW) and a narrow band of sand above. Below approximately +6 ft MLLW, the substrate transitions into larger cobble. No rooted submerged aquatic vegetation was found within the project area. There are a few large drift logs along the upper beach, next to the existing structures. Washington State Department of Ecology's Coastal Atlas Map shows no appreciable drift along the shoreline and the slope stability is classified as "modified". The Coastal Atlas Map has also mapped the shoreline in front of the Northwest Maritime Center as an artificial pocket beach. Fringe (patchy) kelp and eelgrass is mapped along the project shoreline (WDNR 2001). The project site is not included in the Washington Department of Natural Resources' eelgrass monitoring data (WDNR); however, eelgrass was observed offshore.
5m. Describe how the property is currently used. [help]
The property is currently used as maritime educational campus.
5n. Describe how the adjacent properties are currently used. [help]
Adjacent properties are a marina to the east and a club/community boat launch access with vehicle turnaround to the west.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
The waterfront site is currently developed with a multi-purpose building and a hardscape staging area surfaced with pavers. Two concrete stairways descend from the staging area and deck to the beach.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
Head northeast on State Route 20 East. Continue northeast onto West Sims Way. At the traffic circle, continue straight to stay on West Sims Way. At the next traffic circle, continue straight to stay on West Sims Way. Continue northeast onto Water Street. Project site will be on the right.

Part 6—Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

The project is to repair the exposed foundation of the concrete pathway and beach stairs at the plaza and to protect the first and second floor deck supports and main building after chronic beach erosion during major storms in the last 5 years. The repair will involve excavating upper beach sand and gravel at the undermined concrete step foundations and placing deeply buried, small, angular rock (quarry spall) and pouring a new concrete footing (all below grade) to fill the voids and deepen the foundation to avoid re-exposure of the foundation. Beach nourishment will be placed below in the existing upper beach sand and gravel waterward of the plaza and stairs.

6b. Describe the purpose of the project and why you want or need to perform it. [\[help\]](#)

The waterfront site is currently developed with a multi-purpose building and a hardscape staging area surfaced with pavers. A concrete stairway descends from the staging area to the beach. We understand that wave action during heavy storms has caused erosion around the plaza stairway, and the base and sides of the structure are exposed and unsupported in some areas. Soil was also eroded from beneath the pavers in one area along the top of the plaza stairway and from under the smaller (western) concrete pad.

The main observations and relevant information are summarized as follows:

- Upper beach erosion and toe scour with exposure and loss of foundation base rocks was observed at the northeast end of the concrete pathway to the beach, which provides wheelchair beach access
- Toe line scour and base exposure were also observed along the toe of the concrete stairway leading to the beach. Similar toe line scour was seen at the beach leading to the paved concrete boat ramp
- Decorative landscaping boulders that had previously been integrated into the concrete structure were undermined and displaced due to toe scour beneath the boulders
- At least one large log (we understand other anchored logs were broken loose in storms and were removed prior to 2018) that had been originally installed and anchored at the upper beach had been displaced. One approximately 40 FT-long log was found partially stuck under the porch deck. Evidence of impact and abrasion between the log and the metal truss (deck supporting member) was evident. Other large and small logs and wood pieces were scattered on the upper beach/backshore
- The electric box and wire conduit (HDPE pipes) at the base of the pier on the beach side were broken and deformed, apparently damaged by debris impact during the recent storms

The absence of regular, naturally-derived sediment supply from the surrounding shores to this site makes this site less-resilient to erosive forces. The historical drift cell that ran for miles from the SW to NE to this site was interrupted by numerous, large overwater structures in the downtown Port Townsend waterfront, virtually eliminating all natural, littoral sediment supply. Unprotected beaches under current conditions at this site will likely continue to erode. To avoid the need to hard armor at the site over the intermediate-term, the buried, larger grain size sediment (cobble and gravel) beach nourishment in the upper beach is included in the design. This should help dynamically maintain a slightly higher backshore elevation and help dissipate wave energy and reduce wave runup. Some maintenance in the form of re-nourishment may be needed over time.

As all previously-installed protection logs were detached during storms and the beach has lowered, leaving the two-story decks and building more exposed to storm wave attack. The upper beach elevation could be further lowered in a future storm which would allow more wave energy to reach the structures. Considering the limited under-deck clearance, future extreme high-water storms would put the deck at the risk of under-deck wave impact (as occurs at the Cannery Building several blocks to the southwest). Therefore, a certain level of protection measures are warranted to reduce future risk potential. Purposely placed large boulders, scattered and in groups, should work effectively as debris barriers.

6c. Indicate the project category. (Check all that apply) [\[help\]](#)

- | | | | | |
|---|---|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Commercial | <input type="checkbox"/> Residential | <input type="checkbox"/> Institutional | <input type="checkbox"/> Transportation | <input type="checkbox"/> Recreational |
| <input checked="" type="checkbox"/> Maintenance | <input checked="" type="checkbox"/> Environmental Enhancement | | | |

6d. Indicate the major elements of your project. (Check all that apply) [\[help\]](#)

<input type="checkbox"/> Aquaculture	<input type="checkbox"/> Culvert	<input type="checkbox"/> Float	<input type="checkbox"/> Retaining Wall (upland)
<input checked="" type="checkbox"/> Bank Stabilization	<input type="checkbox"/> Dam / Weir	<input type="checkbox"/> Floating Home	<input type="checkbox"/> Road
<input type="checkbox"/> Boat House	<input type="checkbox"/> Dike / Levee / Jetty	<input type="checkbox"/> Geotechnical Survey	<input type="checkbox"/> Scientific Measurement Device
<input type="checkbox"/> Boat Launch	<input type="checkbox"/> Ditch	<input type="checkbox"/> Land Clearing	<input type="checkbox"/> Stairs
<input type="checkbox"/> Boat Lift	<input type="checkbox"/> Dock / Pier	<input type="checkbox"/> Marina / Moorage	<input type="checkbox"/> Stormwater facility
<input type="checkbox"/> Bridge	<input type="checkbox"/> Dredging	<input type="checkbox"/> Mining	<input type="checkbox"/> Swimming Pool
<input type="checkbox"/> Bulkhead	<input type="checkbox"/> Fence	<input type="checkbox"/> Outfall Structure	<input type="checkbox"/> Utility Line
<input type="checkbox"/> Buoy	<input type="checkbox"/> Ferry Terminal	<input type="checkbox"/> Piling/Dolphin	
<input type="checkbox"/> Channel Modification	<input type="checkbox"/> Fishway	<input type="checkbox"/> Raft	

Other: Beach Nourishment, Concrete footing repair, Rock Removal

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

All project actions will occur adjacent to Port Townsend Bay and will be within the 100 year floodplain
Project actions:

- Concrete Foundation Repair: 112 linear feet
 - Excavate toe sand at the concrete foundation.
 - Form a new concrete step/footing at the base of the existing footing.
 - Deepen and widen the foundation toe line and fill the voids under the exposed parts of the concrete foundation with quarry spalls to avoid re-exposure of the foundation.
- Scour Control (Beach Nourishment 198 cubic yards) along Structure Toe Line on North Beach
 - Excavate existing beach approximately 1.75 ft below the existing grade.
 - Introduce 1.5 ft minimum cobble-gravel beach nourishment at the upper beach near the structure. to raise the beach elevation and to protect the structure against toe line scour.
 - Place 0.5 ft or slightly more excavated beach sediment atop newly placed cobble.
 - Place large boulders strategically as debris barriers to reduce wave and debris impact to structures.
- Revetment Repair at North Bank Adjacent to the Concrete Stairway: 54 linear feet
 - Place quarry spall 9-21" below grade.
 - Place large boulders scattered and in groups on beach grade.
- Protection of Deck at South Beach and Pier Deck at its Connection to Shore
 - Protect utility (water) pipes and supporting structural members beneath the deck, as well as the electric wire conduits beneath the pier.
 - Place quarry spall 9-21" below grade.
 - Place large boulders scattered and in groups on beach grade.
- South Stairs Repair: 22 linear feet
 - Remove unnecessary existing scattered boulders from the beach surface.
 - Excavate sand at and the edge of the concrete.
 - Add concrete footing below existing paving.
- Project Mitigation
 - Remove rock boulders from the upper beach just NE of the NE end of the concrete stairway near the plaza—move to the eroded low bank immediately adjacent above elevation +11 ft MLLW. (25 linear feet)
 - Remove a portion of the armor rock on the intertidal surrounding the stormwater culvert along the SW end of the site. (13 linear feet) Note: No repairs are planned for the stormwater culvert.
 - Install small 356 sf planting area in uppermost beach/backshore. This will involve the planting of American dunegrass (*Elymus mollis*) on the north side of the existing pier, in front of the paved terrace.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [help]
<ul style="list-style-type: none"> If the project will be constructed in phases or stages, use JARPA Attachment D to list the start and end dates of each phase or stage.
Start Date: <u>9/13/2023</u> End Date: <u>9/12/2028</u> <input type="checkbox"/> See JARPA Attachment D
6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]
\$528,000
6h. Will any portion of the project receive federal funding? [help]
<ul style="list-style-type: none"> If yes, list each agency providing funds.
<input checked="" type="checkbox"/> Yes, FEMA (DR-4418) <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know

Part 7–Wetlands: Impacts and Mitigation

- Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.) [\[help\]](#)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]
<input type="checkbox"/> Not applicable
7b. Will the project impact wetlands? [help]
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7c. Will the project impact wetland buffers? [help]
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7d. Has a wetland delineation report been prepared? [help]
<ul style="list-style-type: none"> If Yes, submit the report, including data sheets, with the JARPA package.
<input type="checkbox"/> Yes <input type="checkbox"/> No
7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [help]
<ul style="list-style-type: none"> If Yes, submit the wetland rating forms and figures with the JARPA package.
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [help]
<ul style="list-style-type: none"> If Yes, submit the plan with the JARPA package and answer 7g. If No, or Not applicable, explain below why a mitigation plan should not be required.
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know

7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

Part 8—Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, “waterbodies” refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

Not applicable

Conservation measures presented here include avoidance and minimization measures that are intended to address both City of Port Townsend SMP criteria and FEMA requirements. The FEMA requirements pertain to marine critical habitat and ESA-listed species within the adjoining floodplain.

All shoreline development must be located, designed, constructed, and maintained in a manner that protects ecological functions and ecosystem-wide processes. This section describes the steps taken during project planning and implementation to find the least environmentally damaging practicable alternative to achieve the project goal.

The following mitigation sequencing steps, as described in WAC 173-26-201(2)(e), were considered during project development and site selection:

- No action: To avoid the adverse impact altogether by not taking a certain action or parts of an action.
 - The project purpose and need are described in more detail in the Project Description section. “No Action” would not achieve the project goal of repairing damage from erosion and preventing damage from future erosion.
- Minimizing impacts by limiting the degree or magnitude of the action and its implementation by using appropriate technology or by taking affirmative steps to avoid or reduce impacts.
 - Instead of using hard armoring along the shoreline, the proposal involves beach nourishment and the strategic placement of large boulders to help dissipate wave energy and act as debris barriers.
- Rectifying the impact by repairing, rehabilitating, or restoring the affected environment.
 - Beach nourishment will be placed to help retain sediment on the upper beach as well as to help prevent erosion around existing structures. It is also proposed to remove a portion of the armor rock on the intertidal beach surrounding the stormwater culvert along the SW end of the site, and to remove rock boulders from the upper beach just NE of the NE end of the concrete stairway near the plaza and move them to the eroded low bank immediately adjacent above elevation +11 ft MLLW.
- Reducing or eliminating the impact over time by preservation and maintenance operations.
 - There may need to be some maintenance in the form of beach re-nourishment over time.
- Compensating for the adverse impact by replacing, enhancing, or providing substitute resources or environments.
 - A planting plan will be installed and include the planting of a 356 ft 2 area with American dunegrass (*Elymus mollis*) on the north side of the existing pier, in front of the paved terrace.
 - Monitoring the impact and the compensation project and taking appropriate corrective measures.
 - Monitoring of installed vegetation for compensatory mitigation should occur over the next 5 years to ensure success.

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

Yes No

8c. Have you prepared a mitigation plan to compensate for the project’s adverse impacts to non-wetland waterbodies? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes No Don’t know

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [\[help\]](#)

In order to minimize potential impacts to listed species and habitat associated with this project, the following conservation measures are recommended for implementation at the site:

“Best Management Practices” (BMPs) will be exercised throughout this project

- Care will be taken to contain all construction debris.
- Training for all employees on emergency spill response and containment.
- Daily housekeeping to ensure debris does not enter the water/area adjacent to the work site.
- Equipment shall be operated in a way that minimizes turbidity, such as running equipment and stockpiling materials within a designated corridor on the beach.

1. For work occurring outside of the established sand lance work window for Tidal Reference Area 10 (March 2 to October 14), a forage fish survey must be completed by a WDFW-certified biologist to determine presence/absence of eggs before any work begins.

An in-water work window is not being proposed for this project since the work will take place at lower tides in the dry and to allow the contractor to take advantage of the best low tide cycles throughout the summer.

To summarize, potential mitigation targets identified on site include:

- Remove rock boulders from the upper beach just NE of the NE end of the concrete stairway near the plaza—move to the eroded low bank immediately adjacent above elevation +11 ft MLLW.
- Remove a portion of the armor rock on the intertidal surrounding the stormwater culvert along the SW end of the site. Note: No repairs are planned for the stormwater culvert.
- Install small 356 sf planting area in uppermost beach/backshore. This will involve the planting of American dunegrass (*Elymus mollis*) on the north side of the existing pier, in front of the paved terrace.

8e. Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name¹	Impact location²	Duration of impact³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Excavate	Pt. Townsend Bay	Above HTL	2 weeks	78 Cubic Yards	1,093 SF
Excavate	Pt. Townsend Bay	Below HTL	2 weeks	137 Cubic Yards	1,921 SF
Excavate Concrete/Rock	Pt. Townsend Bay	Above HTL	2 weeks	4 Cubic Yards	108 SF
Excavate Concrete/Rock	Pt. Townsend Bay	Below HTL	2 weeks	9 Cubic Yards	183 SF (38 LF)
Concrete footing	Pt. Townsend Bay	Above HTL	Permanent	12 Cubic Yards	112 LF
Concrete footing	Pt. Townsend Bay	Below HTL	Permanent	5 Cubic Yards	22 LF
Quarry Spall ftg.	Pt. Townsend Bay	Above HTL	Permanent	21 Cubic Yards	112 LF
Quarry Spall ftg.	Pt. Townsend Bay	Below HTL	Permanent	12 Cubic Yards	22 LF
Cobble Fill	Pt. Townsend Bay	Above HTL	Permanent	80 Cubic Yards	973 SF
Cobble Fill	Pt. Townsend Bay	Below HTL	Permanent	118 Cubic Yards	1,810 SF
Sediment Fill	Pt. Townsend Bay	Above HTL	Permanent	78 Cubic Yards	1,093 SF
Sediment Fill	Pt. Townsend Bay	Below HTL	Permanent	137 Cubic Yards	1,921 SF
Restacked Rocks	Pt. Townsend Bay	Above HTL	Permanent	5 Cubic Yards	35 SF (7 LF)
Landscape Boulders	Pt. Townsend Bay	Above HTL	Permanent	13 Cubic Yards	14 LF
Landscape Boulders	Pt. Townsend Bay	Below HTL	Permanent	29 Cubic Yards	40 LF

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.
² Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.
³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

- All fill activities occur above MHHW
- Beach Cobble will be obtained from a local gravel pit and 80 cy shall be placed above the HTL and 118 cy shall be placed below the HTL of Port Townsend Bay
 - Sediment Fill will be obtained from onsite excavation and 78 cy shall be placed above the HTL and 137 cy shall be placed below the HTL of Port Townsend Bay
 - Concrete Footing will be cast in place concrete obtained from local source and approximately 12 cy will be placed above the HTL and approximately 5 cy will be placed below the HTL of Port Townsend Bay.
 - Landscape Boulders will be obtained from local sources and 13 cy shall be placed above the HTL and 29 cy shall be placed below the HTL of Port Townsend Bay.
 - Quarry Spalls will be obtained from local quarry and approximately 21 cy will be placed above the HTL and approximately 12 cy will be placed below the HTL of Port Townsend Bay.
 - 5 cy of rocks (boulders) shall be restacked above the HTL of Port Townsend Bay.

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

- Existing beach sediment will be excavated from the project area and stockpiled for reuse. 78 cy shall be excavated above the HTL and 137 cy shall be excavated below the HTL of Port Townsend Bay.
- Existing concrete debris and rock will be excavated. Concrete debris will be disposed of off-site. 4 cy of concrete debris and rock debris shall be removed from above the HTL and 9 cy shall be removed from below the HTL of Port Townsend Bay. 5 cy of excavated rock (boulders) will be reused on site.

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [\[help\]](#)

Agency Name	Contact Name	Phone	Most Recent Date of Contact
City of Port Townsend	Judy Surber	(360) 379-5084 x5084	10/20/2022
WDFW	Nam Siu	(360) 522-6035	9/14/2021
USACE	Pamela Sanguinetti	(206) 764-6904	3/21/2021
FEMA/WAEM	Geoff Phillips	(253) 512-7447	3/21/2021

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology’s 303(d) List? [\[help\]](#)

- If **Yes**, list the parameter(s) below.
- If you don’t know, use Washington Department of Ecology’s Water Quality Assessment tools at: <https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

Yes No

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [\[help\]](#)

- Go to <http://cfpub.epa.gov/surf/locate/index.cfm> to help identify the HUC.

171100191200 - Puget Sound

<p>9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]</p> <ul style="list-style-type: none"> Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #.
<p>10 digit HUC:1711001912 - Puget Sound</p>
<p>9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]</p> <ul style="list-style-type: none"> Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable</p>
<p>9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]</p> <ul style="list-style-type: none"> If you don't know, contact the local planning department. For more information, go to: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases.
<p><input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input checked="" type="checkbox"/> Other: <u>Point Hudson District</u></p>
<p>9g. What is the Washington Department of Natural Resources Water Type? [help]</p> <ul style="list-style-type: none"> Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.
<p><input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal</p>
<p>9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]</p> <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Name of manual: _____</p>
<p>9i. Does the project site have known contaminated sediment? [help]</p> <ul style="list-style-type: none"> If Yes, please describe below.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Voluntary cleanup was conducted in 2002. Remove site from Hazardous Sites list was completed 6/30/2004. Washington Department of Ecology Cleanup Site ID: 2291. Cleanup Site Details report attached.</p>
<p>9j. If you know what the property was used for in the past, describe below. [help]</p>
<p>Marine oriented commercial, industrial and recreational uses.</p>
<p>9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]</p> <ul style="list-style-type: none"> If Yes, attach it to your JARPA package.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>9l. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [help]</p>
<p>Puget Sound Chinook, Hood Canal Summer-run Chum, Bull Trout, Puget Sound Steelhead, Rockfish, Marbled Murrelets, Humpback Whales, Southern Resident Killer Whales, Leatherback Sea Turtle</p>
<p>9m. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [help]</p>
<p>Waterfowl concentrations-Port Townsend Shoreline, Estuarine and Marine Wetland, Pacific Sand Lance, Waterfowl concentrations-Hudson Point, Port Townsend, Purple martin (<i>Progne subis</i>)</p>

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.oria.wa.gov/opus/>.
- Governor’s Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help]
<ul style="list-style-type: none">• For more information about SEPA, go to https://ecology.wa.gov/regulations-permits/SEPA-environmental-review.
<input type="checkbox"/> A copy of the SEPA determination or letter of exemption is included with this application.
<input checked="" type="checkbox"/> A SEPA determination is pending with <u>City of Port Townsend</u> (lead agency). The expected decision date is <u>4/1/2023</u> . (Note that project has already received NEPA compliance from USACE and FEMA)
<input type="checkbox"/> I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [help]
<input type="checkbox"/> This project is exempt (choose type of exemption below). <input type="checkbox"/> Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt? _____
<input type="checkbox"/> Other: _____
<input type="checkbox"/> SEPA is pre-empted by federal law.
10b. Indicate the permits you are applying for. (Check all that apply.) [help]
LOCAL GOVERNMENT
Local Government Shoreline permits: <input checked="" type="checkbox"/> Substantial Development <input checked="" type="checkbox"/> Conditional Use <input type="checkbox"/> Variance <input type="checkbox"/> Shoreline Exemption Type (explain): _____
Other City/County permits: <input checked="" type="checkbox"/> Floodplain Development Permit <input type="checkbox"/> Critical Areas Ordinance
STATE GOVERNMENT
Washington Department of Fish and Wildlife: <input checked="" type="checkbox"/> Hydraulic Project Approval (HPA) <input type="checkbox"/> Fish Habitat Enhancement Exemption – Attach Exemption Form
Washington Department of Natural Resources: <input type="checkbox"/> Aquatic Use Authorization Complete JARPA Attachment E and submit a check for \$25 payable to the Washington Department of Natural Resources. Do not send cash.
Washington Department of Ecology: <input checked="" type="checkbox"/> Section 401 Water Quality Certification <input type="checkbox"/> Non-Federally Regulated Waters
FEDERAL AND TRIBAL GOVERNMENT
United States Department of the Army (U.S. Army Corps of Engineers): <input type="checkbox"/> Section 404 (discharges into waters of the U.S.) <input checked="" type="checkbox"/> Section 10 (work in navigable waters)

United States Coast Guard:

For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: d13-pf-d13bridges@uscg.mil

Bridge Permit

Private Aids to Navigation (or other non-bridge permits)

United States Environmental Protection Agency:

Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)

Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. KMO (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. KMO (initial)

Katie Oman, COO, NW Maritime Center		28 February 2023
Applicant Printed Name	Applicant Signature	Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Adam Tullis		2/2/2023
Authorized Agent Printed Name	Authorized Agent Signature	Date

11c. Property Owner Signature (if not applicant) [\[help\]](#)

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Property Owner Printed Name	Property Owner Signature	Date
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18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018