



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): _____

CITY OF ANACORTES

Planning, Community, & Economic Development

Date Received:

08/20/2021

SLX-2021-0014

Part 1—Project Identification

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

Western Washington University Shannon Point Marine Lab Shoreline Improvements Project

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Blue, Alexis, C.

2b. Organization (If applicable)

Western Washington University, Capital Planning and Development

2c. Mailing Address (Street or PO Box)

516 High Street

2d. City, State, Zip

Bellingham, WA 98225

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

(360) 650-6297

alexis.blue@wwu.edu

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)			
Mirabile Tina, M			
3b. Organization (If applicable)			
Herrera Environmental Consultants, Inc.			
3c. Mailing Address (Street or PO Box)			
: 1329 N State Street, Suite 200			
3d. City, State, Zip			
Bellingham, WA, 98225			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(360) 202-6839			tmirabile@herrerainc.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)			
State of Washington Western Washington Shannon Point (W W S C) Lab Attn Accounts Payable Old Main 330			
4c. Mailing Address (Street or PO Box)			
516 High St			
4d. City, State, Zip			
Bellingham, WA, 98225			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
(360) 650-6297			

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 type="checkbox"/> Private <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input checked="" 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]			
1900 Shannon Point Road			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Anacortes, Washington, 98221-4042			
5d. County [help]			
Skagit			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NE1/4	21	35 North	01 East
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) 			
48.50870833 N lat., -122.6852778 W long			
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. 			
P31547			
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)	
City of Anacortes	PO BOX 547	P31556	
	Anacortes, WA 98221		
State of Washington & Dept of Natural Resources, State Lands Divisions	PO BOX 47016	P31555	
	Olympia, WA 98504		
Port of Anacortes	100 Commercial Ave	P31548, P31561, P31577	
	Anacortes, WA 98221		

5i. List all wetlands on or adjacent to the project location:]
City of Anacortes' regulated Category I Cannery Lake (also mapped as Lake Shannon) freshwater Paulstrine emergent (PEM)/open water wetland complex is located approximately 700-feet to the east of the project site.
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
Rosario Strait
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]
<p>The top of the shoreline bluff is forested, which serves as a natural unfragmented upland buffer corridor between the lab and the Cannery Lake (Lake Shannon) wetland complex located to the east. Native Douglas fir (<i>Pseudotsuga menziesii</i>) trees, typical of second-age growth timber, dominate the canopy. Salal (<i>Gaultheria shallon</i>) shrubs dominate the understory vegetation. Mowed lawn areas are adjacent to existing marine lab buildings, sidewalks, access driveways and the pump house that is located just upslope of the project shoreline site.</p> <p>Aquatic vegetation is lacking within the project site's intertidal zone which is covered by concrete planks from a now derelict boat launch. Underlying beach substrates consist of mixed sand, gravel, cobbles and boulder substrates. Other than kelp that is associated with the subtidal zone, other forms of aquatic vegetation, such as marsh habitat or eelgrass is not mapped on Ecology's <i>Coastal Atlas</i>. Shannon Point is mapped by WDFW as surf smelt forage fish spawning habitat.</p>
5m. Describe how the property is currently used. [help]
The Shannon Point Marine Lab supports Western Washington's educational programs and scientific research. The project site includes the existing buried marine water in-take/outfall piping system that supports the lab's operations and a derelict concrete plank boat launch that is no longer in use. The launch is not planned for reuse and therefore is proposed for removal from the site, as Western Washington utilizes an alternative existing boat launch on the adjacent Port of Anacortes property to the east.
5n. Describe how the adjacent properties are currently used. [help]
The undeveloped eastern portion of Western's laboratory property which includes the Cannery Lake wetland complex is adjacent to the Anacortes ferry terminal, which is owned by the Port of Anacortes. WDNR owned tidelands are present to the west of the project site and the University maintains an aquatic lease agreement with WDNR to support its operation of the in-take water system in Rosario Strait. The City of Anacortes owns undeveloped shorefront property to the southwest of the University's owned parcels associated with the lab.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
<p>The existing derelict boat launch consists of approximately 50 unsecured concrete planks, each sized approximately 1.5 feet wide x 10 feet length x 0.5-feet in depth, that extend along the beach surface and into Rosario Strait for approximately 100-linear feet from elevations of +12.5 feet to +2.0 feet (Ordinary High Water [OHW] = +10', Mean Higher High Water [MHHW]=+7.33' Mean Lower Low Water [MLLW]=0.0' NAVD88.)</p> <p>The existing pump house is upslope (east) of the beach project site at an approximately horizontal distance of 22-feet from the OHWM. Four concrete valve vault boxes (three of which are no longer in use), a manhole, a concrete pipe cap and concrete cleanout are located at and below grade. The existing buried in-take/outfall piping system is partially exposed near the surface of the beach substrates within the intertidal zone due to coastal erosion and beach sediment transport. Pipes and other debris from prior operational pipes that are no longer in use are also present along the eastern edge of the beach project site and are proposed for removal. The project area does provide pedestrian access to the shoreline from the Shannon Point Marine Lab. This public use is to be maintained and or enhanced for safety by the project action.</p>

5p. Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

From Anacortes head west on WA-20/Oakes Ave, pass the entrance to the Anacortes ferry terminal.

Take a slight left onto Sunset Ave, continue for 0.4 miles

Turn right onto Shannon Point Road

Parking for Shannon Point Marine Center is located 0.6 miles down this road.

Project location is located behind (north) the facility building and can be accessed on foot or by continuing by vehicle down the gravel access road. The derelict boat launch is located at the end of the access road to the northwest.

Part 6–Project Description

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

Western Washington University is proposing to restore the coastal shoreline at its Shannon Point Marine Center in Anacortes by removing a derelict concrete plank boat launch that covers approximately 2,540 square feet (0.06 acre) of the intertidal zone of Rosario Strait. An estimated 14 cubic yards of concrete is proposed for removal from the intertidal zone at elevations between +12.5 feet to +2-feet (OHWM = 10-foot, MHHW=7.33 feet, MLLW=0.0 feet (NAVD88)). The project will also rebury the marine lab's existing in-take/outfall piping infrastructure that has become partially exposed due to coastal erosion. An estimated 23 cubic yards of trenching excavation and native sediment backfill for approximately 90 linear feet will be required to reseal the pipes and concrete pipe cap and clean out vaults at an approximate depth of 2-feet below the surface. Other decommissioned pipes and debris will also be removed from the site. A native scrub-shrub vegetation area (114 square feet) and a 3-foot wide public pedestrian beach access trail will be installed landward of the OHMW near the upper extents of the project area

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

Erosion along the facility's marine shorefront has exposed elements of the lab's infrastructure (water in-take piping) necessary for the lab's operations. The derelict concrete plank boat launch, to be removed, is no longer in use and is not needed by the University for its operations.

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

- Commercial Residential Institutional Transportation Recreational
 Maintenance 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 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 checked="" type="checkbox"/> Boat Launch
(Removal) | <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:

<p>6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [help]</p> <ul style="list-style-type: none"> Identify where each element will occur in relation to the nearest waterbody. Indicate which activities are within the 100-year floodplain.
<p>The project will be conducted during low tide intervals when project area sediments are exposed within the most restrictive agency approved fish project window (July 16-February 15) (Tidal Reference 9). A two-week exception for forage fish (surf smelt) spawning, which can occur year-round, will be implemented upon verification that no active spawn is present at the time of construction.</p> <p>Equipment to be used includes a small backhoe/excavator and dump trucks for export of removed concrete planks and other debris off-site.</p> <p>Most of the project' proposed removal of the derelict concrete boat launch planks and trenching excavation and backfill to reseal the existing in-take/outfall pipes at depths greater than 2-feet from the surface of the beach will occur at elevations below the Base Flood Elevation (BFE) of 9-feet established for Zone VE (Areas subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action). FEMA's Flood Insurance Rate Map (FIRM) for the project site is Panel 5301510225C, effective 1/3/1985.</p>
<p>6f. What are the anticipated start and end dates for project construction? (Month/Year)</p> <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.
<p>Start Date: <u>July 16, 2021 or 2022</u> End Date: <u>February 15, 2022 or 2023</u> <input type="checkbox"/> See JARPA Attachment D</p>
<p>6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]</p>
<p>\$64,000</p>
<p>6h. Will any portion of the project receive federal funding? [help]</p> <ul style="list-style-type: none"> If yes, list each agency providing funds.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know</p>

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.) [\[help\]](#)

<p>7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]</p>
<p><input type="checkbox"/> Not applicable</p>
<p>The Cannery Lake (also mapped as Shannon Lake) wetland complex and its protective buffer on the eastern portion of the university's marine lab property does not extend into the marine nearshore project site. The wetland is located at a minimum distance of approximately 700-feet to the east of the marine shoreline project site . No impacts to the wetland or its protective buffer are associated with project. The existing access road situated between the wetland and the Shannon point lab truncates the wetland buffers from extending onto the western portion of the site.</p>
<p>7b. Will the project impact wetlands? [help]</p>
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know</p>
<p>7c. Will the project impact wetland buffers? [help]</p>
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know</p>

7d. Has a wetland delineation report been prepared? [\[help\]](#)

- If **Yes**, submit the report, including data sheets, with the JARPA package.

Yes No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- If **Yes**, submit the wetland rating forms and figures with the JARPA package.

Yes No Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- 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.

Yes No 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. [\[help\]](#)

Not Applicable

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)
Not Applicable						

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. [\[help\]](#)

No wetland fill or excavation is associated with marine shoreline project.

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. [\[help\]](#)

Not Applicable

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]					
<input type="checkbox"/> Not applicable					
<p>The project will be conducted during low tide intervals when project area sediments in the nearshore are exposed, rather than inundated. The project work will occur within agency approved fish project window (July 16-February 15) (Tidal Reference 9). A two-week exception for forage fish (surf smelt) spawning, which can allow year-round, will be implemented upon verification that no active spawn is present at the time of construction. Best Management Practices (BMPs), as recommended in Ecology’s <i>Stormwater Management Manual</i> or City guidelines will be implemented to reduce the potential for erosion and stormwater run-off from impacting aquatic habitat. Construction will be initiated at the waterward extent of the project area and work towards the landward end to avoid compaction of project area sediments from equipment operations. The project will enhance the shoreline through the removal of the concrete planks and other decommissioned marine laboratory operations debris. The disturbance area for pipe excavation will be restored with native sediments. The shoreline buffer will be enhanced with native scrub-shrub vegetation as a bank stabilization measure and public access will be retained via a designated trail.</p>					
8b. Will your project impact a waterbody or the area around a waterbody? [help]					
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
8c. Have you prepared a mitigation plan to compensate for the project’s adverse impacts to non-wetland waterbodies? [help]					
<ul style="list-style-type: none"> • 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. 					
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don’t know					
8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.					
<ul style="list-style-type: none"> • If you already completed 7g you do not need to restate your answer here. [help] 					
<p>The project will restore the intertidal zone of the Rosario Strait shoreline through the removal of approximately 14 cubic yards (750 square feet) of concrete planks and other decommissioned piping and debris. Approximately 114 square feet of the shoreline buffer will be planted with native vegetation and a minimum 3-foot wide trail will be maintained for public shoreline pedestrian access.</p>					
8e. Summarize impact(s) to each waterbody in the table below. [help]					
Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Trench and backfill to reseat lab’s intake/outfall pipes at depth of 2-feet below the beach surface	Rosario Strait	In waterbody and floodway	4 days (Temporary)	23 cubic yards	90 linear feet (540 square feet)
Remove approx. 50 concrete planks			10 days	14cubic yards	2,540 square feet (0.06 acre)

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. [\[help\]](#)

Backfill to replace sediments in pipe trench will be native - sourced from the excavation.

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. [\[help\]](#)

Excavation will be done by a small backhoe/excavator operated on exposed sediments during low-tide intervals. Manual trenching using a shovel may also be implemented by ground crew.

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
Washington Department of Natural Resources	Ross Zimmerman	(360) 854-2846	June 1, 2020

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.

171100020303 – Fidalgo Island-Frontal Padilla Bay

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up> to find the WRIA #.

3 Lower Skagit - Samish

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [\[help\]](#)

- Go to <https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria> for the standards.

Yes No Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [\[help\]](#)

- 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>.

Urban Natural Aquatic Conservancy Other: _____

9g. What is the Washington Department of Natural Resources Water Type? [\[help\]](#)

- Go to <http://www.dnr.wa.gov/forest-practices-water-typing> for the Forest Practices Water Typing System.

Shoreline Fish Non-Fish Perennial Non-Fish Seasonal

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [\[help\]](#)

- **If No**, provide the name of the manual your project is designed to meet.

Yes No

Name of manual: _____

9i. Does the project site have known contaminated sediment? [\[help\]](#)

- **If Yes**, please describe below.

Yes No

9j. If you know what the property was used for in the past, describe below. [\[help\]](#)

Not known

9k. Has a cultural resource (archaeological) survey been performed on the project area? [\[help\]](#)

- **If Yes**, attach it to your JARPA package.

Yes No

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. [\[help\]](#)

The following fish and wildlife species utilize Rosario Strait for forage and or migration:

Marbled Murrelet (*Brachyramphus marmoratus*) – Threatened

Bull Trout (*Salvelinus confluentus*) – Threatened

Dolly Varden (*S. malma*) – Proposed Similarity of Appearance (Threatened)

Puget Sound Chinook salmon (*Oncorhynchus tshawytscha*) – Threatened, designated critical habitat

Puget Sound Steelhead (*O. mykiss*) –Threatened

Puget Sound/Georgia Basin DPS Yelloweye Rockfish (*Sebastes ruberrimus*) – Threatened, designated critical habitat

Puget Sound/Georgia Basin DPS Bocaccio (*S. paucispinis*) – Endangered, designated critical habitat

Southern Resident Killer Whale (*Orcinus orca*) – Endangered, designated critical habitat

Southern DPS Green Sturgeon (*Acipenser medirostris*) – Threatened, critical habitat nearby

Southern DPS Eulachon (*Thaleichthys pacificus*)

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. [\[help\]](#)

In addition to species listed in 9n. WDFW PHS maps indicate the following additional species:

Yuma myotis (*Myotis yumanensis*) – Breeding

Pinto abalone (*Haliotis Kamtschakana*) – Presence

Red sea urchin (*Strongylocentrotus franciscanus*) – Presence

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/opas/>.
- 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.) [\[help\]](#)

- For more information about SEPA, go to <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

A copy of the SEPA determination or letter of exemption is included with this application.

A SEPA determination is pending with the City of Anacortes (lead agency). The expected decision date is August 2021.

I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [\[help\]](#)

This project is exempt (choose type of exemption below).

Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?

Other: _____

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:

Substantial Development Conditional Use Variance

Shoreline Exemption Type (explain): Repair and Maintenance of Existing Facility

Other City/County permits:

Floodplain Development Permit Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

Hydraulic Project Approval (HPA) Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)

Washington Department of Natural Resources:

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:

Section 401 Water Quality Certification Non-Federally Regulated Waters

FEDERAL AND TRIBAL GOVERNMENT

United States Department of the Army (U.S. Army Corps of Engineers):

Section 404 (discharges into waters of the U.S.) 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.

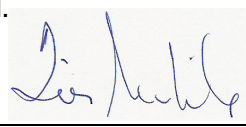
I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. AB (initial)

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. AB (initial)

	Alexis Blue , PE	05/05/21
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.

Tina Mirabile, PWS - Herrera Consultants		05/05/2021
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

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



WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



US Army Corps
of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: _____

Location Name (if applicable): _____

Attachment A:
For additional property owner(s) [\[help\]](#)

Use this attachment only if you have more than one property owner. Complete one attachment for each additional property owner impacted by the project.

Signatures of property owners are not needed for repair or maintenance activities on existing rights-of-way or easements.

Use black or blue ink to enter answers in white spaces below.

1. Name (Last, First, Middle) and Organization (if applicable)			
Zimmerman, Ross – Washington Department of Natural Resources Aquatic Land Manager			
2. Mailing Address (Street or PO Box)			
919 N. Township Street			
3. City, State, Zip			
Sedro-Woolley, WA 98284-9384			
4. Phone (1)	5. Phone (2)	6. Fax	7. E-mail
360-854-2846			Ross.Zimmerman@dnr.wa.gov
Address or tax parcel number of property you own:			
P31555			
Signature of Property Owner			
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.			
Alexis Blue, PE			
_____		_____	
Printed Name		Signature	

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WASHINGTON STATE
Joint Aquatic Resources Permit
Application (JARPA) [\[help\]](#)



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____; Town
 Application Fee Received; Fee N/A
 New Application; Renewal Application
Type/Prefix #: _____; NaturE Use Code: _____
LM Initials & BP#: _____
RE Assets Finance BP#: _____
New Application Number: _____
Trust(s): _____; County: _____
AQR Plate #(s): _____
Gov Lot #(s): _____
Tax Parcel #(s): _____

Attachment E:
Aquatic Use Authorization on
Department of Natural Resources
(DNR)-managed aquatic lands [\[help\]](#)

Complete this attachment and submit it with the completed JARPA form only if you are applying for an Aquatic Use Authorization with DNR. Call (360) 902-1100 or visit <http://www.dnr.wa.gov/programs-and-services/aquatics/leasing-and-land-transactions> for more information.

- DNR recommends you discuss your proposal with a DNR land manager before applying for regulatory permits. Contact your regional land manager for more information on potential permit and survey requirements. You can find your regional land manager by calling (360) 902-1100 or going to <http://www.dnr.wa.gov/programs-and-services/aquatics/aquatic-districts-and-land-managers-map>. [\[help\]](#)
- The applicant may not begin work on DNR-managed aquatic lands until DNR grants an Aquatic Use Authorization.
- Include a \$25 non-refundable application processing fee, payable to the "Washington Department of Natural Resources." (Contact your Land Manager to determine if and when you are required to pay this fee.) [\[help\]](#)

DNR may reject the application at any time prior to issuing the applicant an Aquatic Use Authorization. [\[help\]](#)

Use black or blue ink to enter answers in white spaces below.

1. Applicant Name (Last, First, Middle)	
Blue, Alexis C.	
2. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]	
Western Washington University Shannon Point Marine Lab Shoreline Improvements	
3. Phone Number and Email	
360-630-6297	
4. Which of the following applies to Applicant? Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. [help]	
<input type="checkbox"/> Corporation <input type="checkbox"/> Limited Partnership <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Liability Company Home State of Registration: _____	<input type="checkbox"/> Individual <input type="checkbox"/> Marital Community (Identify spouse): _____ <input type="checkbox"/> Government Agency <input checked="" type="checkbox"/> Other (Please Explain): Western Washington University Facilities Management

5. Washington UBI (Unified Business Identifier) number, if applicable: [\[help\]](#)

371-010-319

6. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?

Yes No Don't know

If Yes, Authorization number(s): _____

7. Do you intend to sublease the property to someone else?

Yes No

If Yes, contact your Land Manager to discuss subleasing.

8. If fill material was used previously on DNR-managed aquatic lands, describe below the type of fill material and the purpose for using it. [\[help\]](#)

Mixed beach sand, gravel and cobble substrates covering existing pipes will be excavated to rebury pipes approximately 2-feet below the surface to remediate for potential coastal erosion. An existing derelict concrete boat launch will be removed from the beach as a shoreline restoration/enhancement measure.

To be completed by DNR and a copy returned to the applicant.

Signature for projects on DNR-managed aquatic lands:

Applicant must obtain the signature of DNR Aquatics District Manager OR Assistant Division Manager if the project is located on DNR-managed aquatic lands.

I, a designated representative of the Dept. of Natural Resources, am aware that the project is being proposed on Dept. of Natural Resources-managed aquatic lands and agree that the applicant or his/her representative may pursue the necessary regulatory permits. My signature does not authorize the use of DNR-managed aquatic lands for this project.

Printed Name

Dept. of Natural Resources
District Manager or Assistant Division Manager

Signature

Dept. of Natural Resources
District Manager or Assistant Division Manager

Date

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