



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

Exhibit 27

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) [\[help\]](#)

SPARO Aquatics

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Spranger, Michael, A

2b. Organization (If applicable)

2c. Mailing Address (Street or PO Box)

14400 107TH WAY SW

2d. City, State, Zip

Vashon, WA 98070

2e. Phone (1)

2f. Phone (2)

2g. Fax

2h. E-mail

206-491-0936

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)			
N/A			
3b. Organization (If applicable)			
3c. Mailing Address (Street or PO Box)			
3d. City, State, Zip			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail

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

- Private
- Federal
- Publicly owned (state, county, city, special districts like schools, ports, etc.)
- Tribal
- 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.) [\[help\]](#)

5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [\[help\]](#)

5d. County [\[help\]](#)

5e. Provide the section, township, and range for the project location. [\[help\]](#)

¼ Section	Section	Township	Range

5f. Provide the latitude and longitude of the project location. [\[help\]](#)

- Example: 47.03922 N lat. / 122.89142 W long. (Use decimal degrees - NAD 83)

Below are the approximate GPS coordinates for a rectangle that is approximately 90 acres. My proposed farm site will only be approximately 10 acres. The precise location will be within this area in a location to be determined by a formal site survey taking into account flora, water depth, shoreline, etc. (In DMS format)

- A- 47 19 59.73N,122 31 13.70W
- B- 47 20 35.55N,122 31 44.28W
- C- 47 20 31.57N,122 31 57.44W
- D- 47 19.56.05N,122 31 29.45W

In DD format this is:

- 47.342226,- 122.5325
- 47.342986, -122.5287
- 47.333220, -122.5204
- 47.332200, -122.5247

5g. List the tax parcel number(s) for the project location. [\[help\]](#)

- The local county assessor's office can provide this information.

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)
See attachment C		

5i. List all wetlands on or adjacent to the project location. [\[help\]](#)

N/A

5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [\[help\]](#)

Puget Sound/Colvos Passage

5k. Is any part of the project area within a 100-year floodplain? [\[help\]](#)

Yes No Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

Open Water

5m. Describe how the property is currently used. [\[help\]](#)

Recreational fishing is done in this area. No other aquaculture activities are known to happen in this area including Geoducks. Inactive Geoduck permits (Camp Sealth – 9550 and Colvos Passage -9100) are to the North of the area in question.

5n. Describe how the adjacent properties are currently used. [\[help\]](#)

The are two homes that is accessible by water/walk in only (tax ID: 0221029091 and the other is unknown at this time) otherwise shoreline is high bank.

5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [\[help\]](#)

See above

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

SW POHL ROAD, Vashon, WA

[Tahlequah Ferry Terminal to SW Pohl Rd, Vashon, WA 98070 - Google Maps](#)

Part 6–Project Description

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

The proposed project is an integrated and regenerative 10-acre (approximate) kelp and shellfish farm in the Puget Sound at the SW corner of Vashon Island, WA in Colvos Passage. The mariculture farm will grow sugar kelp (*Saccharina latissima*), clams (Manila – *Ruditapes philippinarum*), mussels (Blue Mussels/ *Mytilus trossulus* or *M. galloprovincialis*), oysters (Pacific/*Crassostrea gigas*), and possibly scallops at one location. All these species are either native or naturalized to the proposed area.

The site footprint, including the gear area and regulatory markers, will be approximately 1200' by 350', for a total of 9.6 acres.* The site will be entirely in open water between depths of 30' and 80' and will not access the shoreline or tidal lands. Required gear includes anchors, buoys, cages, and line. There will be no nets. It is approximately 300' off shore of the mean low tide. While the total farm site will be approximately 10 acres, due to the scope required for necessary anchorage the actual size of the area being farmed will be approximately 6-7 acres.

*Note: Precise location, size, depths will all be determined pending completion of farm site marine engineering work.

Kelp will be out planted in November and harvested in March/April. Shellfish will grow year-round. Growing kelp and shellfish together as a polyculture requires zero inputs (no fertilizer, pesticides, or freshwater)—making it the amongst the most sustainable form of food production on the planet—while sequestering carbon and rebuilding marine ecosystems.

Kelps are a macroscopic group of marine algae that have been shown to provide a variety of important ecosystem benefits to the surrounding marine environment. Native kelps are important nursing grounds for a variety of juvenile fish, including herring. They also improve water quality by taking up nutrients like nitrogen and phosphorus and sequester carbon acting as a carbon sink. This also locally ameliorates ocean acidification, which is a potential threat to local shellfish.

Shellfish aquaculture is among the most sustainable sources of animal protein currently available with the potential to be augmented when grown in tandem with kelp. Shellfish are filter feeders that clean the water and improve water clarity, increasing light attenuation through the water column and benefiting kelps, eelgrass, and other Submerged Aquatic Vegetation. Shellfish aquaculture also provides structural habitat for the colonization of small organisms, acting as a refuge against predators and allowing for safe foraging.

No negative habitat alterations are expected whereas the farm will likely provide benefits to the surrounding ecosystem by improving water quality and clarity, providing complex three-dimensional habitat for small invertebrates and juvenile fishes, and partially mitigate habitat degradation due to human activities in the surrounding marine habitat and watersheds. Furthermore, scientific evidence suggests that this type of mariculture will have a positive effect on ocean acidification which will benefit many fisheries including the PS Chinook Salmon which are resident to the South Puget Sound.

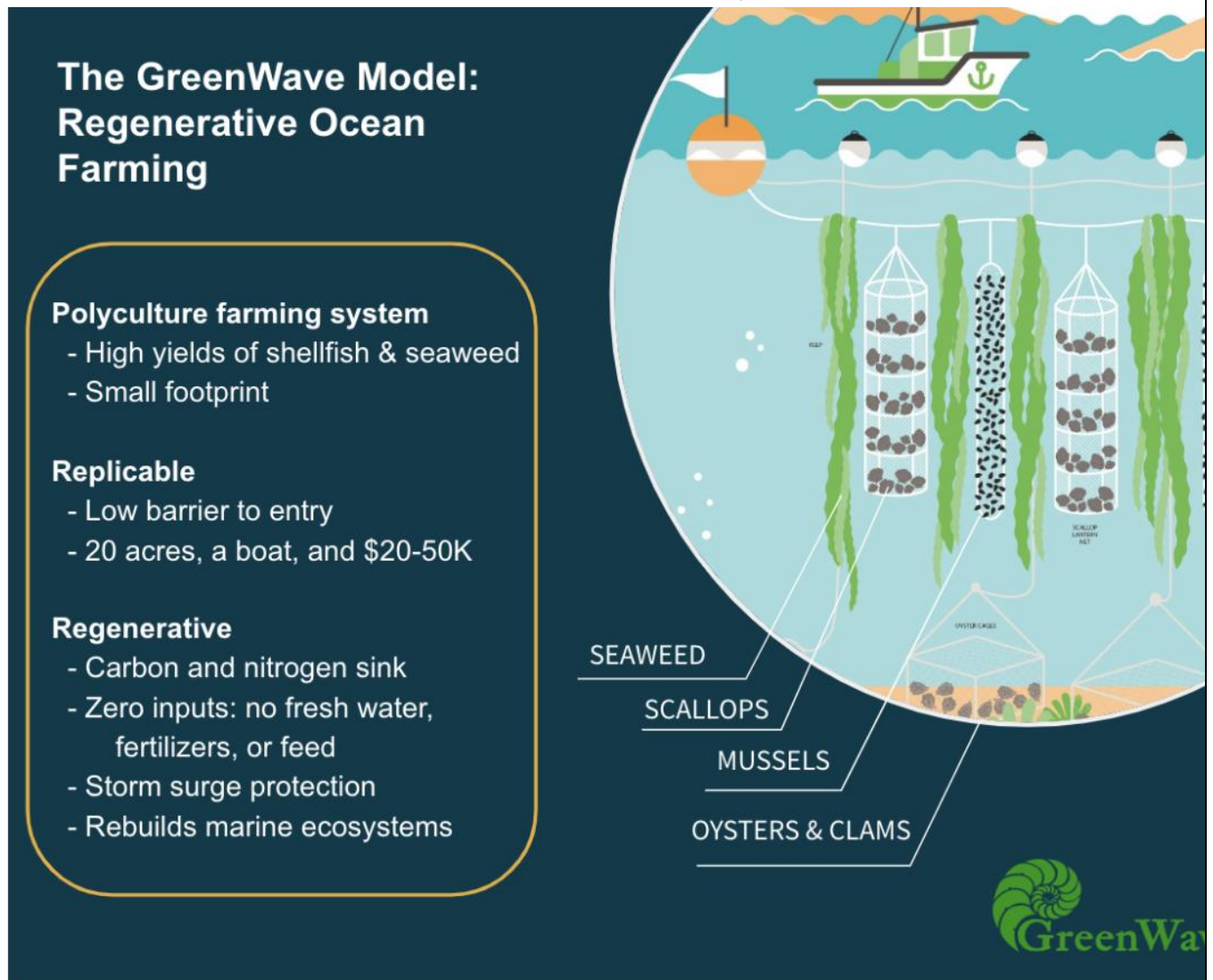
Please see attached Farm Design attached at the back of this application.

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

Regenerative saltwater farming has proven to be environmentally beneficial on many fronts as well as economically feasible. Numerous growers on the Northeastern coast of the US, Alaska, and many other areas around the world are currently farming kelp and shellfish using the method that I'm proposing. I do not plan to invent anything new or use any designs or processes that have not already been tried and proved to be successful and advantageous for both the ecosystem and the business.

I will be modeling my farm after the one pioneered by [GreenWave](#):

“GreenWave’s model is deployed for both reforestation, to restore ocean ecosystems and capture blue carbon and nitrogen, and commercial farming, to grow seaweed and shellfish used for food, fertilizer, animal feed, bioplastics, and more.”



Washington state is lagging behind other states in accepting and approving this type of aquaculture. Regulations are helpful and needed to protect people's rights and the environment. We are fully committed to working with all government agencies, tribal agencies, property owners, and citizens during the formation and duration of this venture. Previous efforts in other areas have shown that most, if not all, concerns can be allayed and where they cannot, the pros to the ecosystem and the community outweigh the cons.

Per Greenwave:

GreenWave’s regenerative ocean farming model offers tremendous potential to mitigate climate change, feed the planet and build a new economy at sea. According to a World Bank study, farming seaweeds in just .1% of the world’s oceans—about

100 million acres—could create 50 million jobs. Annually, a mature, 20-acre regenerative ocean farm can produce 100,000-200,000 pounds of kelp and 200,000 bivalves, with the capacity to net more than \$100,000.

This project will help Washington state participate in this new economy.

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 checked="" 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 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 checked="" 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:

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.

- Please see description in 6a and attached farm design
- Farm will be supported by vessel(s) docked at the Quartermaster Marina on Vashon Island which is approximately 9 miles/30 minutes (by water) from the proposed farming site.
- Equipment is limited to: buoys, lines, concrete anchors, shellfish bags, and shellfish cages.
- Farm can be installed and decommissioned in days
- Site was selected for the following reasons:
 - Access / Proximity to marina
 - Water depth (30'-120')
 - Water quality- Per the [2020 Washington State Quality of Health report](#), the area meets all stations meet the National Shellfish Sanitation Program's (NSSP) water quality standard
 - Water flow – the current in this area flows permanently and predominantly unidirectionally (northbound) providing nutrients and reducing stress on anchorage
 - Limited shoreline housing exposure – the farm will create visual pollution (buoys). There are only two homes with visual access to the site.
 - Zero existing commercial aquaculture (including fishing and geoduck) operations.
- Site will be marked and identified per appropriate marine guidelines including buoys and signage.
- No beach or tide land access or activity is expected
- Motorized activity is limited to marine vessel(s) required to support farm site.
- No pesticides/herbicides will be used.
- Pest/Predator control will be limited to bag/cages/containers for shellfish
- No nighttime activity is planned.
- Seaweed and shellfish seeds will be sourced locally.
- Site will be inspected and maintained above and below water regularly

6f. What are the anticipated start and end dates for project construction? (Month/Year) [\[help\]](#)

Pending permitting, site construction will begin during the summer/fall of 2022 with kelp planting in Nov 2022

Start Date Summer/Fall 2022 End Date: Summer/Fall 2022 See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

- Approximately \$200,000 (assumes labor, vessel(s) and consulting fees outsourced)
- Approximately \$50-100,000 with my labor and vessel(s)

6h. Will any portion of the project receive federal funding? [\[help\]](#)

- **If yes**, list each agency providing funds.

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

Not applicable

Per Greg Goforth, King County permitting division, since the farm is entirely in the Puget Sound it is not a wetland.

7b. Will the project impact wetlands? [\[help\]](#)

Yes No Don't know

7c. Will the project impact wetland buffers? [\[help\]](#)

Yes No Don't know

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

Project does not impact any wetland.

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

Project does not impact any wetland.

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. [\[help\]](#)

N/A

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. [\[help\]](#)

N/A

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

- See attached farm design. Project is limited to buoys, lines, cages and anchors.
 - Equipment will be inspected regularly both above and below water including anchorage on the seafloor
- No pesticides or herbicides will be used
- No commercial aquaculture (fishing, shellfish) is known to occur in this area.
- Only seaweed/shellfish indigenous to the area will be farmed
- Area will be marked according to regulatory requirements
- Nearby shore/tide land will not be accessed
- Farm will have positive environment impacts:
 - Seaweed absorbs nitrogen and carbon helping to reduce saltwater acidification and slowing global warming
 - Shellfish naturally filter water improving water quality.
 - Farm infrastructure and aquaculture support marine ecosystems including fish

Key Reads:

- Marine Ecology Press: [Use of Sugar Kelp Aquaculture in Long Island Sound and the Bronx River Estuary for Nutrient Extraction](#) (2015)
 - Current Biology: [Blue Growth Potential to Mitigate Climate Change through Seaweed Offsetting](#) (2019)
 - National Geographic: [Seaweed 'Forests' Can Help Fight Climate Change](#) (2019)
 - Biology Letters: [Sequestration of Macroalgal Carbon: the Elephant in the Blue Carbon Room](#) (2018)
 - Seafood Source: [Good and Bad News for Mussels](#) (2012)
- Motorized activity will be limited to 2 small (<30') marine vessels.
 - Kelp will not be harvested if any spawned fish eggs are attached which can happen naturally (and provides positive natural breeding area)
 - Impact to recreational fishing – the farm will impact recreational fishing within the boundaries and adjacent (+/-250 feet) of the farm. Fishing lines will get snagged on submerged horizontal and vertical lines. Buoys and signage will clearly mark the boundaries of the farm.
 - Colvos Passage is approximately 12 square miles in area or 7,280 acres. The farm site will remove 10 acres of fishing waters due to submerged lines or .13% of the total available waters in the passage. The site will be in 30'-120' of water within 1500 feet of shore. For some, including myself, this is prime fishing grounds versus deeper water in the middle of the Passage. There are approximately 23 miles (121,440 feet) of similar, shoreline adjacent, waters in Colvos Passage. The site will remove approximately 2000 feet from recreational fishing or .16% of the total.

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

Yes No

Impact has been detailed in previous sections.

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

Project will not have any adverse effects on the water body (Puget Sound)

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. [\[help\]](#)

N/A

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
anchors	Puget Sound	See 5.f	Eternity	4-8 cubic yards of concrete reinforced with rebar	20 square feet

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. [\[help\]](#)

The farm will be held in place by 4-8 concrete and rebar enforced anchors resting on the floor of the Puget Sound each weighing 300+ pounds totaling less than 20 square feet

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. [\[help\]](#)

N/A

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
King Country Permitting Division	Greg Goforth	206-477-0251	Sept 28, 2021
Dept. Of Nat. Resources	Sean Carlson	360-301-0422	Oct 15, 2021
Puyallup Tribe	Dave Winfrey	253-573-7800	Sept 30, 2021
WDFW	Laura Arber	425-379-2306	Nov 29, 2021
US Army Corps	Rory Lee	360-509-6379	March 25, 2022
Dept of Ecology	Teressa Pucylowski	360-764-0546	Feb 16, 2022

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

No results found on above ecology site

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.

17110019 - Puget Sound

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 #.

Area 15

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. [\[help\]](#)

N/A

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. [\[help\]](#)

Chinook Salmon
Bocaccio (Rock Fish)
Chum Salmon
Coho Salmon
Eulachon (Smelt)
Grey whales
Orca
Sockeye Salmon
Steelhead Trout
Stellar Sea Lions

See Biological Evaluation for more details.

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. [\[help\]](#)

Pacific Geoduck
Red Sea Urchin
Pacific Herring
Resident Coastal Cutthroat
Estuary and Marine Wetland

See Biological Evaluation for more details.

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 _____ (lead agency). The expected decision date is _____.

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): **Unknown..** _____

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. MAS (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. MAS (initial)

Mike Spranger

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.

Authorized Agent Printed Name

Authorized Agent Signature

10/18/21
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): _____

Attachment C:
Contact information for adjoining
property owners. [\[help\]](#)

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

Project Name: SPARO AQUATICS^S_____

Location Name (if applicable): Vashon
Island_____

Use this attachment only if you have more than four adjoining property owners.

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

1. Contact information for all adjoining property owners. [help]		
Name	Mailing Address	Tax Parcel # (if known)
Crosby, Gerald D and Kathryn A	14407 SW POHL RD Vashon, WA 98070	0221029056
Allen, Linda L	N/A	0221029055
Brunch Richard and Marisa	NA	0221029034
Allen Lawrence and Linda	14405 SW POHL RD Vashon, WA 98070	0221029033
King County Dept of Nat. Resources	N/A	0221029116
Perseus PNW	14403 SW POHL RD Vashon, WA 98070	0221029032
Gillen, Kim and Shannon	N/A	0221029081
Lemay Investments	N/A	0221029091
Milazzo, Todd	N/A	0221029047

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-16-014 rev. 10/2016



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)	
Spranger, Michael, A	
2. Project Name (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development) [help]	
SPARO Aquatics	
3. Phone Number and Email	
206-491-0936 mike.spranger@outlook.com	
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 checked="" type="checkbox"/> Individual <input type="checkbox"/> Marital Community (Identify spouse): _____ <input type="checkbox"/> Government Agency <input type="checkbox"/> Other (Please Explain): _____

5. Washington UBI (Unified Business Identifier) number, if applicable: [help]
6. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know If Yes, Authorization number(s): _____
7. Do you intend to sublease the property to someone else?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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]
N/A

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	Signature	Date
Dept. of Natural Resources District Manager or Assistant Division Manager	Dept. of Natural Resources District Manager or Assistant Division Manager	

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 ORIA-16-016 rev. 10/2016