

US Army Corps of Engineers ® Seattle District

AGENCY USE ONLY	
Date received:	
Agency reference #:	
Tax Parcel #(s):	

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

Part 1-Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]	
Fishler, Michael – Concrete Bulkhead Repair	

Part 2-Applicant

The person and/or organization responsible for the project. [help]

2a. Name (Last, First, Mi	ddle)				
Fishler, Michael					
2b. Organization (If app	olicable)				
2c. Mailing Address (S	treet or PO Box)				
6827 Ripley Ln SE					
2d. City, State, Zip					
Renton, WA, 98056					
2e. Phone (1)	2f. Phone (2)	2g. Fax	2h. E-mail		
253-678-0846			fish1479@live.com		

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

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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.

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, Mi	ddle)		
Kushino, Mark			
3b. Organization (If app	olicable)		
Waterfront Construction	n, Inc.		
3c. Mailing Address (S	treet or PO Box)		
205 NE Northlake Way	/, Ste 230		
3d. City, State, Zip			
Seattle, WA, 98105			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
206-407-5859			mark@waterfrontconstruction.com
There are multiple up each additional propYour project is on De	pland property owners. (erty owner. epartment of Natural Res	sources (DNR)-manage	ents. (Skip to Part 5.) Flow and fill out <u>JARPA Attachment A</u> for d aquatic lands. If you don't know, contact yes, complete <u>JARPA Attachment E</u> to
apply for the Aquatio			
4a. Name (Last, First, Mi	ddle)		
4b. Organization (If app	olicable)		
4- 14 11 11 11			
4c. Mailing Address (S	treet or PO Box)		
4d. City, State, Zip			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h . E-mail

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Part 5-Project Location(s)

Identifying information ab	out the property o	r properties where the	project will occur. [he	elp]

☐ There are multiple project locations (e.g. linear projects). Complete the section below and use <u>JARPA</u> <u>Attachment B</u> 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 <u>JARPA Attachment E</u>)
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]
6827 Ripley Ln SE
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]
Renton, WA, 98056
5d. County [help]
King

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

1/4 Section Section		Township	Range	
NW	29	24	5	

- **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)

47.54094 N lat. / -122.1966 W long.

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

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

3343302600

5h. Contact information for all adjoining property owners. (If you need more space, use <u>JARPA Attachment C</u>.) [help]

Name	Mailing Address	Tax Parcel # (if known)
Gregory P + Bradley R Elfers	6823 Ripley Ln SE	3343302570
	Renton, WA 98056	3343302570
George + Nancy Johnston	6831 Ripley Ln N	2242202620
	Renton, WA 98056	3343302630

5i. List all wetlands on or adjacent to the project location	on. [help]
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None.

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

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Lake Washington
5k. Is any part of the project area within a 100-year floodplain? [help]
☐ Yes ☑ No ☐ Don't know
51. Briefly describe the vegetation and habitat conditions on the property. [help]
Lawn, herbaceous groundcover, shrubs, evergreen hedge along southern property line, neighboring willow encroaching over north end of the bulkhead.
5m. Describe how the property is currently used. [help]
Single family residence.
5n. Describe how the adjacent properties are currently used. [help]
Single family residences.
50. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
3,090 s/f single family residence, existing personal-use dock, boatlift, concrete bulkhead in need of repair.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
From I-405 S toward Renton, take exit 7 for NE 44 th St. Turn right onto N 44 th St. Turn right onto Seahawks Way. Continue onto Ripley Ln N. Destination will be on the left.
Part 6–Project Description
6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]
The project consists of a concrete bulkhead repair with Manta Ray tie back anchors. Remove various amounts of material from behind the bulkhead, drive 16 Manta Ray tie back anchors which will be secured to a galvanized steel flat bar (spanning the length of the bulkhead) on the waterward face of the concrete wall through predrilled holes. There will be additional steel plates securely fastened to both sections of the existing wall spanning over the cracked portion of concrete. Once the backfill material is removed, we intend to manually reset the concrete wall back to its original location. The combination of the steel flat bar which will distribute the pressure along the entire length of the bulkhead, in addition to the Manta Ray tie back anchors, will work in tandem to greatly reduce the hydrostatic pressure pushing the wall waterward. All hardware (anchor chains, all thread, fasteners, plates, etc.) will be galvanized steel. We will also install a filter fabric barrier to prevent any loose material from being pulled out into the lake which will be placed behind the existing wall and will be filled with round drain rock (river rock) as backfill to help disperse any water runoff.

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The existing bulkhead has cracked and is now protruding waterward, compromising its structural integrity and

☐ Institutional

☐ Recreational

☐ Transportation

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

☐ Environmental Enhancement

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

leaving the property exposed to erosion as a result.

☐ Commercial

☐ Maintenance

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

□ Residential

 □ Aquaculture □ Bank Stabilization □ Boat House □ Boat Launch □ Boat Lift □ Bridge ⋈ Bulkhead □ Buoy □ Channel Modification □ Other: 	☐ Culvert ☐ Dam / Weir ☐ Dike / Levee / Jetty ☐ Ditch ☐ Dock / Pier ☐ Dredging ☐ Fence ☐ Ferry Terminal ☐ Fishway	 ☐ Float ☐ Floating Home ☐ Geotechnical Survey ☐ Land Clearing ☐ Marina / Moorage ☐ Mining ☐ Outfall Structure ☐ Piling/Dolphin ☐ Raft 	 □ Retaining Wall (upland) □ Road □ Scientific Measurement Device □ Stairs □ Stormwater facility □ Swimming Pool □ Utility Line 			
·	to be used. [help] ent will occur in relation to the near		specific construction			
 Indicate which activities are within the 100-year floodplain. Load appropriately sized barge with materials and equipment needed for bulkhead repair Transport tools/materials/supplies and equipment to and from site Use excavator to remove minimally required amount of backfill material behind the bulkhead Predrill holes, evenly spaced, along the upper portion of concrete bulkhead Use a hydraulic vibration hammer to drive Manta Ray tie back anchors into upland material We will then properly apply tension to the all thread rods which will set the anchors We will use 3/1" galvanized steel all thread rods to connect from the anchors through the concrete wall and steel flat bar and securely fastened to the seaward side of the wall with lock nuts Use of excavator to assist in pushing the cracked concrete wall back into original position Once the wall returns to original location, we will set and tighten hardware, preventing the wall from returning to the current protruding position We will then install a filter fabric barrier Backfill with round drain rock at a height to allow for an appropriate amount of topsoil to be installed at the final elevation We can bring in any amounts of topsoil if needed 6f. What are the anticipated start and end dates for project construction? (Month/Year) [help] 						
·	• •	ect construction? (Month/Year) RPA Attachment D to list the start a	- · · -			
Start Date: Within work windows	End Date: Within wo	ork windows ☐ See JAR	PA Attachment D			
6g. Fair market value of the	project, including materials,	labor, machine rentals, etc.	[help]			
\$99,400						
6h. Will any portion of the pr • If yes, list each agency pr	·	? [help]				

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7a. Describe how the	skip to Part 8.) [h e project has be	en designed to	avoid and mir	nimize adverse	e impacts to w	etlands. [<u>help]</u>
☐ Not applicable	.					
7b. Will the project in	mpact wetlands?	[help]				
☐ Yes ☐ No	☐ Don't know	,				
7c. Will the project in	mpact wetland b	uffers? [help]				
□ Yes □ No	☐ Don't know	,				
7d. Has a wetland d	•	• •				
If Yes, submit th ☐ Yes ☐ No	e report, including of	data sheets, with the	e JARPA packaç	ge.		
		-i 10 - 10/t	- \^/ - i		/	tland Dating
7e. Have the wetland System? [help]	as been rated us	sing the vvesteri	n vvasnington	i or Eastern vi	asnington vve	tiand Rating
• If Yes, submit th	e wetland rating for	ms and figures with	the JARPA pac	ckage.		
□ Yes □ No	☐ Don't know	,				
7f. Have you prepare		•	-	dverse impact	s to wetlands?	[help]
	e plan with the JAR plicable, explain be		_	nt he required		
☐ Yes ☐ No	□ Don't know		m plan onoula n	ot bo roquirou.		
7a Curama a viza vula a	t the mitigation r	lan is meant to	a a a a ma m li a h	مرا مامموسال م	anu a watarah	
7g. Summarize what used to design t		nan is meant to	accomplish, a	and describe i	iow a watersh	ed approach was
7h. Use the table be impact, and the similar table, you	type and amoun	t of mitigation p	roposed. Or i	f you are subr	nitting a mitiga	
Activity (fill,	Wetland	Wetland	Impact	Duration	Proposed	Wetland
drain, excavate, flood, etc.)	Name ¹	type and rating category ²	area (sq. ft. or Acres)	of impact ³	mitigation type⁴	mitigation area (sq. ft. or acres)
			AC1631			aciesi

☐ Yes

with the JARPA package.

 \boxtimes No

☐ Don't know

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)

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

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Page number(s) for	similar informati	on in the mitiga	ation plan, if av	ailable:			
				I nature of the fill material ced into the wetland. [hel			
_	ng activities ident will remove, and			vation method, type and a sposed. [help]	mount of material in		
Part 8-Waterbo	dies (other t	than wetlar	nds): Impac	ts and Mitigation			
In Part 8, "waterbodi	es" refers to non-	wetland waterl	bodies. (See P	art 7 for information relate	ed to wetlands.) [help		
□ Check here if there	e are waterbodie	s on or adjace	nt to the projec	ct area. (If there are none,	skip to Part 9.)		
8a. Describe how the [help]	he project is desi	gned to avoid a	and minimize a	adverse impacts to the aq	uatic environment.		
☐ Not applicab	le						
The proposed project is designed to meet the most current local, state and federal standards for shoreline restoration. Using approved materials that avoid or minimize adverse environmental impacts. Best management practices will be observed during construction to minimize adverse impacts.							
8b. Will your project	t impact a water	body or the are	a around a wa	terbody? [help]			
⊠ Yes □ No							
8c. Have you prepared waterbodies?	•	plan to compe	nsate for the p	roject's adverse impacts t	o non-wetland		
	the plan with the JAF	RPA package and	answer 8d.				
If No, or Not applicable, explain below why a mitigation plan should not be required.							
☐ Yes ⊠ No	□ Don't know	V					
Mitigation may be re	equired.						
used to design	•		·	Describe how a watershe	d approach was		
			·	-			
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		
Excavate	Lake Washington	In	During construction	Minimal required amount	~80 l/f		
Fill	Lake Washington	In	Permanent	<74.33 CY	~80 l/f		

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If no official name for the waterbody exists,	create a unique name (such as	"Stream 1") The name should b	e consistent with other documents
provided			

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 of round drain rock (river rock) from approved source once bulkhead is back in its original position.

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]

Excavator will be used to remove minimally required amount of backfill material behind the bulkhead prior to the realignment process.

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] **Most Recent Agency Name Contact Name Phone Date of Contact** Julian Douglas 206-584-9808 4/27/22 Dept. of Fish & Wildlife N/A 5/27/22 King County Permit Kim Center US Army Corps of Samantha Stanford 206-764-6182 6/14/22 **Engineers 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 \boxtimes 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. 17110012 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 #. 8 **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. □ No ☐ Not applicable

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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.

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: <a forest-practices-water-typing"="" href="https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-ma</td></tr><tr><td>☐ Urban ☐ Natural ☐ Aquatic ☐ Conservancy ☒ Other: <u>Residential</u></td></tr><tr><td> 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]				
Unknown.				
 9k. Has a cultural resource (archaeological) survey been performed on the project area? [help] If Yes, attach it to your JARPA package. 				
☐ Yes ⊠ No				
91. 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 (<i>Oncorhynchus tshawytscha</i>), Bull Trout (<i>Salvelinus confluentus</i>), Steelhead (<i>Oncorhynchus mykiss</i>).				
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]				
Chinook Salmon (<i>Oncorhynchus tshawytscha</i>), Bull Trout (<i>Salvelinus confluentus</i>), Steelhead (<i>Oncorhynchus mykiss</i>).				

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.

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For a list of addresses to send your JARPA to, click on <u>agency addresses for completed JARPA</u>.

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help]
For more information about SEPA, go to Error! Hyperlink reference not valid. https://ecology.wa.gov/regulations-parmits/SEPA anyticsprenatal social series.
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 <u>King County</u> (lead agency). The expected decision date is <u>TBD</u> .
☐ 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 & Maintenance
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 <u>JARPA Attachment E</u> and submit a check for \$25 payable to the Washington Department of Natural Resources. <u>Do not send cash.</u>
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)

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United States Environmental Protection Agency:
\square 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).

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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. _____ (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. (initial)

Michael Fishler

Applicant Printed Name

Applicant Signature

Date 0/11/22

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.

Mark Kushino

Mark Kushino

6/20/22

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

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