



2010

WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form<sup>1</sup>

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



US Army Corps of Engineers Seattle District

AGENCY USE ONLY

Date received:

Agency reference #: \_\_\_\_\_

Tax Parcel #(s): \_\_\_\_\_

Part 1-Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]<sup>2</sup>

Pier & Shoreline Restoration

Part 2-Applicant

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

2a. Name (Last, First, Middle) and Organization (if applicable)

2b. Mailing Address (Street or PO Box)

2c. City, State, Zip

Kirkland, WA 98033

2d. Phone (1)

2e. Phone (2)

2f. Fax

2g. E-mail

( )

( )

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) and Organization (if applicable)

3b. Mailing Address (Street or PO Box)

<sup>1</sup>Additional 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.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at [http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=mainpage\\_ESA](http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=mainpage_ESA)
- If you are applying for an Aquatic Resources Use Authorization you will need to fill out and submit an Application for Authorization to Use State-Owned Aquatic Lands form to DNR, which can be found at [http://www.dnr.wa.gov/Publications/aqr\\_use\\_auth\\_app.doc](http://www.dnr.wa.gov/Publications/aqr_use_auth_app.doc)
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you think you will need a Shoreline permit, contact the appropriate city or county government to make sure they will accept the JARPA.

<sup>2</sup>To 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](http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx). For other help, contact the Governor's Office of Regulatory Assistance at 1-800-917-0043 or [help@ora.wa.gov](mailto:help@ora.wa.gov).

<b>3c. City, State, Zip</b>			
Seattle, WA 98103			
<b>3d. Phone (1)</b>	<b>3e. Phone (2)</b>	<b>3f. Fax</b>	<b>3g. E-mail</b>
	( )		

### Part 4–Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. [\[help\]](#)

- 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 property owners. Complete the section below and fill out JARPA Attachment A for each additional property owner.

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

### 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.

<b>5a. Indicate the type of ownership of the property. (Check all that apply.) <a href="#">[help]</a></b>			
<input type="checkbox"/> State Owned Aquatic Land (If yes or maybe, contact the Department of Natural Resources (DNR) at (360) 902-1100) <input type="checkbox"/> Federal <input type="checkbox"/> Other publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Private			
<b>5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) <a href="#">[help]</a></b>			
<b>5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) <a href="#">[help]</a></b>			
Kirkland, WA 98033			
<b>5d. County <a href="#">[help]</a></b>			
King			

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

**The property is a single family residence.**

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

**The adjacent properties are single family residences.**

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

**The site consists of a single family residence and garage, concrete driveway, (2) sided covered shed at the shoreline and a solid concrete dock for moorage.**

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

**See attached drawings and plans.**

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

•

**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)
	Kirkland, WA 98033	
	Kirkland, WA 98033	

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

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

**Lake Washington**

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

Yes     No     Don't know

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

The site has grass, shrubs, cedar & fir trees.

## Part 6—Project Description

**6a.** Summarize the overall project. You can provide more detail in 6d. [\[help\]](#)

Remove the existing solid concrete pier/breakwater (307sf). Install a new fully grated pier on steel piles(467sf). Remove the existing mooring pile, the existing boat rail system as well as (2) existing concrete blocks at the site.

Due to the existing solid concrete pier acting as a breakwater there has been an accumulation of rock/ gravel/ cobble mixture on the northeast inlet side behind the pier. Once the breakwater is removed that mixture is subject to migrate away from the site due to the distance away from the shoreline. This proposal would allow for moving that material back along the shoreline at the OHW mark prior to removing the concrete pier to allow for approximately 90 cubic yards of shoreline spawning mixture. The existing gravel/cobble mixture will be enhanced with additional spawning mixture.

The shoreline will also have the following additional bioengineering enhancements/mitigation to allow for an improved ecological function of the shoreline and fish habitat:

- A) (2) root wad installations
- B) Installation of 2-5 man rock in misc. locations along the north shoreline perimeter
- C) A full shoreline planting plan will be implemented along the length of the shoreline.

A ground base boatlift will be installed and (2) side mount jet ski lifts will be installed.

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

- Commercial   
  Residential   
  Institutional   
  Transportation   
  Recreational  
 Maintenance   
  Environmental Enhancement

**6c.** 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"/> Road
<input type="checkbox"/> Bank Stabilization	<input type="checkbox"/> Dam / Weir	<input type="checkbox"/> Geotechnical Survey	<input type="checkbox"/> Scientific Measurement Device
<input type="checkbox"/> Boat House	<input type="checkbox"/> Dike / Levee / Jetty	<input type="checkbox"/> Land Clearing	<input type="checkbox"/> Stairs
<input type="checkbox"/> Boat Launch	<input type="checkbox"/> Ditch	<input type="checkbox"/> Marina / Moorage	<input type="checkbox"/> Stormwater facility
<input type="checkbox"/> Boat Lift	<input checked="" type="checkbox"/> Dock / Pier	<input type="checkbox"/> Mining	<input type="checkbox"/> Swimming Pool
<input type="checkbox"/> Bridge	<input type="checkbox"/> Dredging	<input type="checkbox"/> Outfall Structure	<input type="checkbox"/> Utility Line
<input checked="" type="checkbox"/> Bulkhead	<input type="checkbox"/> Fence	<input type="checkbox"/> Piling	
<input type="checkbox"/> Buoy	<input type="checkbox"/> Ferry Terminal	<input type="checkbox"/> Retaining Wall (upland)	
<input type="checkbox"/> Channel Modification	<input type="checkbox"/> Fishway		

Other:

**6d.** Describe how you plan to construct each project element checked in 6c. 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 flood plain.

The existing pier will be removed by hand and crane and placed on a barge to be taken to an approved upland facility. The new pier piles will be driven by drop hammer. The new pier will be built in pieces at an upland facility and brought to the site by barge. The pier will be placed in pieces by a crane barge and secured to the pile caps with mechanical fasteners. The shoreline rock, root wad and spawning gravel mix will be done by both hand and small backhoe from both the barge and the land. The ground base lift will be built on the barge and set in the water by crane. The two jet ski lifts will be built on the barge and placed on the pier by hand. The native vegetation will be installed by hand.

6e. What are the start and end dates for project construction? (month/year) [\[help\]](#)

- If the project will be constructed in phases or stages, use JARPA Attachment D to list the start and end dates of each phase or stage.

Start date: 2011

End date: within 5 weeks of start

See JARPA Attachment D

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

The purpose of the project is to replace an existing concrete pier that is also acting as a breakwater with a new fully grated pier. The shoreline work is being done to improve the ecological function of the shoreline and fish habitat. It will create a more sustainable shoreline environment by creating a biologically rich and productive shoreline habitat with the use of root wads, spawning mix and plantings.

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

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

**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    Not applicable

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

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

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

<sup>1</sup> 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.

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

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

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

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

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

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

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

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

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

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

Not applicable

The existing 307sf concrete pier is solid from the top down to the mud line and therefore is acting as a solid breakwater from land waterward for nearly 38' and is a solid breakwater for nearly 44' from north to south. Removing this pier will be a large enhancement to the shoreline habitat. All work will be done during the appropriate work window. Steel pile will be driven in lieu of wood pile. The pier has been designed with longer spans between bent spaces. The pier will be fully grated. Approximately 90 cubic yards of shoreline gravel will be reconfigured and placed along the entire length of the shoreline. Tree root wads and native landscaping will be installed along the upland shoreline to enhance the biological benefits of the shoreline environment. A containment boom will be placed around the area of work during construction.

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

Yes  No

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

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

Yes  No  Not applicable

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. [\[help\]](#)

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

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name <sup>1</sup>	Impact location <sup>2</sup>	Duration of impact <sup>3</sup>	Amount of material to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Pile Driving for New Pier	Lake Washington	Near Shore	Permanent	N/A	578sf
Pier/Breakwater Removal	Lake Washington	Near Shore	Permanent	361sf - removed	361sf - removed
Shoreline Spawning Gravel	Lake Washington	Near Shore	Permanent	90 cubic yards	90 cubic yards

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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]

Due to the existing solid concrete pier acting as a breakwater there has been an accumulation of rock/ gravel/ cobble mixture on the northeast inlet side behind the pier. Once the breakwater is removed that mixture is subject to migrate away from the site due to the distance away from the shoreline. This proposal would allow for moving the existing material back along the shoreline at the OHW mark prior to removing the concrete pier. This will allow for approximately 90 cubic yards of shoreline spawning mixture. The existing gravel/cobble mixture will be enhanced with additional spawning mixture. That mixture will be brought from an upland facility and will be brought to the site via. barge and placed by hand and small backhoe.

**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]

The existing material will be moved by hand and small back hoe via. both barge and by land.

**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
WDFW	Ginger Holser	(425) 379-2305	12/13/2010
		( )	
		( )	

**9b.** Are any of the wetlands or waterbodies identified in Part 7 or Part 8 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: <http://www.ecy.wa.gov/programs/wq/303d/>.

Yes  No

<p><b>9c.</b> What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://cfpub.epa.gov/surf/locate/index.cfm">http://cfpub.epa.gov/surf/locate/index.cfm</a> to help identify the HUC.</li> </ul>
17110012
<p><b>9d.</b> What Water Resource Inventory Area Number (WRIA #) is the project in? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm">http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm</a> to find the WRIA #.</li> </ul>
8
<p><b>9e.</b> Will the in-water construction work comply with the State of Washington water quality standards for turbidity? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://www.ecy.wa.gov/programs/wq/swqs/criteria.html">http://www.ecy.wa.gov/programs/wq/swqs/criteria.html</a> for the standards.</li> </ul>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
<p><b>9f.</b> If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>If you don't know, contact the local planning department.</li> <li>For more information, go to: <a href="http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html">http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html</a>.</li> </ul>
<input type="checkbox"/> Rural <input checked="" type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input type="checkbox"/> Other _____
<p><b>9g.</b> What is the Washington Department of Natural Resources Water Type? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>Go to <a href="http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx">http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx</a> for the Forest Practices Water Typing System.</li> </ul>
<input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal
<p><b>9h.</b> Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? <a href="#">[help]</a></p> <ul style="list-style-type: none"> <li>If no, provide the name of the manual your project is designed to meet.</li> </ul>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Name of manual:
<p><b>9i.</b> If you know what the property was used for in the past, describe below. <a href="#">[help]</a></p>
<p><b>9j.</b> Has a cultural resource (archaeological) survey been performed on the project area? <a href="#">[help]</a></p>

- If yes, attach it to your JARPA package.

Yes  No

**9k.** 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. [\[help\]](#)

Oncorhynchus tshawytscha (Chinook Salmon), Salvelinus confluentus (Bull Trout), Oncorhynchus kisutch (Coho Salmon), Oncorhynchus mykiss (Steelhead).

**9l.** 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. [\[help\]](#)

Oncorhynchus tshawytscha (Chinook Salmon), Salvelinus confluentus (Bull Trout), Oncorhynchus kisutch (Coho Salmon), Oncorhynchus mykiss (Steelhead).

## 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.ecy.wa.gov/opus/>.
- Governor's Office of Regulatory Assistance at (800) 917-0043 or [help@ora.wa.gov](mailto:help@ora.wa.gov).
- For a list of agency addresses to send your application, click on the "where to send your completed JARPA" at <http://www.epermitting.wa.gov>.

**10a.** Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [\[help\]](#)

- For more information about SEPA, go to [www.ecy.wa.gov/programs/sea/sepa/e-review.html](http://www.ecy.wa.gov/programs/sea/sepa/e-review.html).

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

A SEPA determination is pending with City of Kirkland (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



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                      1/21/2011  
Date

**11c. Property Owner Signature (if not applicant).** [\[help\]](#)  
Not required if project is on existing rights-of-way or easements.

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 of Regulatory Assistance (ORA). People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341.  
ORA publication number: ENV-019-09