



2009

WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form [help]



US Army Corps of Engineers - Seattle District

AGENCY USE ONLY

Date received: 7/2/09

(B10)

Agency reference #: 117824

Tax Parcel #(s):

RECEIVED

JUL 16 2009

HABITAT PROGRAM

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

Part 1-Project Identification

Unique project information that makes it easy to identify. [help]

1a. Unique Project Identifier Number (UPI #) [help]

- Don't have one yet? Get one at <http://www.epermitting.wa.gov> or call the Washington Governor's Office of Regulatory Assistance at (800) 917-0043.

621173-09-01

1b. Project Name (Examples: Smith's Dock or Seabrook Lane Development) [help]

Port of Everett 10th Street Boat Launch Eelgrass Salvage and Relocation

Part 2-Applicant

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

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

Anderson, Graham E.; Port of Everett

2b. Mailing Address (Street or PO Box)

P.O. Box 538

2c. City, State, Zip

Everett, WA 98206

2d. Phone (1)	2e. Phone (2)	2f. Fax	2g. E-mail
(425) 388-0703	()	()	grahama@portofeverett.com

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)

Jon Houghton; Pentec Environmental - Hart Crowser, Inc.

3b. Mailing Address (Street or PO Box)

120 3rd Ave South Suite 100

3c. City, State, Zip

Edmonds, WA 98020

3d. Phone (1)	3e. Phone (2)	3f. Fax	3g. E-mail
(425) 329-1150	(206) 601-0773	(425) 778-9417	jon@pentecenv.com

Arber RY

Part 4—Property Owner(s) [\[help\]](#)

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 use JARPA Attachment A for each additional property owner.

4a. Name (Last, First, Middle) and Organization (if applicable)			
Port of Everett			
4b. Mailing Address (Street or PO Box)			
PO Box 538			
4c. City, State, Zip			
Everett, WA 98206			
4d. Phone (1)	4e. Phone (2)	4f. Fax	4g. E-mail
(425) 388-0307	()	()	grahama@portofeverett.com
4a. Name (Last, First, Middle) and Organization (if applicable)			
Snohomish County Parks & Recreation Department			
4b. Mailing Address (Street or PO Box)			
3000 Rockefeller Ave.			
4c. City, State, Zip			
Everett, WA 98201-4046			
4d. Phone (1)	4e. Phone (2)	4f. Fax	4g. E-mail
(425) 388-3411	()	()	http://www1.co.snohomish.wa.us/Departments/Parks/
Address or tax parcel number of property you own:			
4a. Name (Last, First, Middle) and Organization (if applicable)			
City of Everett Parks and Recreation Department			
4b. Mailing Address (Street or PO Box)			
802 E. Mukilteo Blvd			
4c. City, State, Zip			
Everett, WA 98203			
4d. Phone (1)	4e. Phone (2)	4f. Fax	4g. E-mail
(425) 257-8378	()	()	hgausman@ci.everett.wa.us
Address or tax parcel number of property you own:			

Part 5—Project Location(s)

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

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

5a. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5n.) [help]			
10 th Street and West Marine View Drive (Figure 1)			
5b. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Everett, WA 98201			
5c. County [help]			
Snohomish			
5d. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NW	18	29N	5E
5e. 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 			
48.004137 N lat./-122.222.856 W long			
5f. 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. 			
N/A			
5g. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input type="checkbox"/> State Owned Aquatic Land <input type="checkbox"/> Tribal <input type="checkbox"/> Private <input checked="" type="checkbox"/> Other publicly owned (federal, state, county, city, special districts like schools, ports, etc.)			

5h. Contact information for all adjoining property owners, lessees, etc. (If you need more space, use [JARPA Attachment C.](#)) [\[help\]](#)

Name	Mailing Address	Tax Parcel # (if known)
Washington Dept. of Natural Resources; Aquatic Lands	1111 Washington St. NE PO Box 47027 Olympia, WA 98504-7072	
Performance Marine Old Castle Glass	930 W. Marine View Dr., Everett, WA 98201 1020 10 th Street, Everett, WA 98201	

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

Yes No Don't know

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

Little persistent vegetation exists in the project area, as the site includes several floats and concrete aprons and is periodically dredged to remove accumulations of river sediment. Habitat conditions consist of concrete boat ramps, finger pier floats, and rip rap slopes around the boat launch basin. In many areas sediment has accumulated since the last (2001-2002) dredging to -10 ft MLLW such that shoaling exists, especially over, and offshore of the northern portion of the ramp. During a -4.1 ft tide on 6/23/09, Port maintenance personnel identified and photographed up to 4 patches of eelgrass (*Zostera marina*) that have become established on the accumulated sediments (Photo 1). Estimated total area of the several patches is approximately 50 square feet.

Adjacent upland vegetation consists of park facilities, including landscaping.

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

The property is an operating public boat launch.

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

The adjacent properties include:

to the south, a public park providing passive public recreation and access to the Jetty Island Ferry;
to the north, the southern edge of the Maulsby Mudflat that is used for log raft and boom stick storage;
to the northeast Performance Marine is a boat and marine supply vendor;
to the southeast, Old Castle Glass, a light manufacturing business.

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

The structures on the property consist of the gangways, pilings, floats, and concrete aprons associated with the boat launch, a parking area, and a small building with restrooms and a snack bar retail business.

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

Heading North I-5

Take Pacific Ave./WA-529, Exit #193 toward City Center

Turn left onto Pacific Ave.

Turn right onto W Marine View Drive

Turn left onto 10th St.

Heading South I-5

Merge onto WA-529 S, Exit #198 toward N. Broadway/Port of Everett

Turn slight right onto ramp

Keep right at the fork in the ramp

Keep left at the fork to go on E Marine View Dr./WA-529 S

Turn right onto 10th St.

Part 6—Project Description

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

The recently discovered eelgrass that has colonized areas of accumulating sediment in the northern portion of the boat launch basin is highly vulnerable to damage by propeller scour from boat launch users. The eelgrass is also in an area that must be dredged periodically to maintain boat launch function. The Port of Everett proposes to salvage and relocate these patches of eelgrass (up to approximately 50 square feet) to an area or areas where conditions are more favorable for long-term survival of eelgrass.

The purpose of the project is to transplant newly colonizing eelgrass that is vulnerable to disturbance in the area of the active boat launch to a suitable growing area that has a lower risk of damage to the plants.

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 checked="" type="checkbox"/> Boat Launch | <input type="checkbox"/> Ditch | <input type="checkbox"/> Marina / Moorage | <input type="checkbox"/> Stormwater facility |
| <input type="checkbox"/> Boat Lift | <input 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 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: Eelgrass salvage and relocation

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 work is planned for a low tide series July 20 – 22, 2009 and will be done largely in the dry (at low tide). Work will proceed as follows:

- The extent of eelgrass to be moved (Figure 2 and Photo 1) and the suitability of conditions at two potential relocation sites will be assessed more fully; the two sites to which the eelgrass may be transplanted are: the east side of the Snohomish channel just downstream of the boat launch and behind an existing fishing pier; and, the west side of the channel near the Jetty Island dock. Target elevation range of transplant plots is -3.5 to -2 feet MLLW.
- The eelgrass will be harvested from the boat launch area during a low tide (July 21). Some more dense portions of the beds may be moved as sod and placed directly in depressions hand excavated in plots at the receiving site. Ungalvanized steel staples will be used to anchor the sod in place.
- Eelgrass that is not moved as sod will be removed with a spading fork; plants with intact rhizomes will be placed in mesh bags and held in ambient water until transplanting.

- To prepare planting units (PU) for transplanting, bundles of 5 to 10 shoots with attached rhizomes will be loosely tied with degradable twine. An ungalvanized metal anchor wire will be inserted through the twine and the planting unit will be placed in an excavated hole and backfilled with native sediment.
- PU, or sections of sod, will be separated by a minimum of 1 foot from each other in several small plots, each approximately 4 feet in diameter. Multiple plots will be planted to provide a variety of wave exposures and sediment conditions maximizing the potential for survival of a large portion of the plants.
- The planted areas will be monitored, to the degree permitted by a -2.3 tides, in mid August and again during the lowest tides of early summer 2010. Total area of the planted eelgrass will be measured and a shoot count will be estimated in the planted areas either by direct count or through random subsampling.

In all probability, it can be expected that conditions favoring colonization in the boat launch area will recur 6 to 8 years after each maintenance dredging of the boat launch basin.

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: July 20, 2009

End dates: July 24, 2009 (transplanting);

August 31, 2010 (monitoring and reporting)

See JARPA Attachment D

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

Sediment has collected on the boat launch basin and has been colonized by eelgrass. Project purpose is to salvage that eelgrass and relocate it to an area that is not subject to the disturbance factors (propeller scour and dredging) that are essential to boat launch operation.

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

Less than \$10,000.

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.)

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.

Yes No Not applicable

7g. Use the table below to list the type and rating of each wetland that will be impacted; the extent and duration of the impact; and the type and amount of compensatory mitigation proposed. If you are submitting a compensatory mitigation plan with a similar table, you may simply state (below) where we can find this information in the mitigation plan. [\[help\]](#)

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

¹ Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

² Indicate the time (in months or years, as appropriate) the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

³ 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: _____

7h. For all filling activities identified in 7g., 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. [\[help\]](#)

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

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

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

Work will be done by hand at low tide, so only limited work may take place in shallow water. An effort will be made to minimize sediment disturbance, to minimize turbidity resulting during the flooding tide.

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

Yes No

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

Activity causing impact (clear, dredge, fill, pile drive, etc.)	Waterbody name	Impact location ¹	Duration of impact ²	Amount of material to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Salvage and transplant eelgrass	Lower Snohomish River	10 th St. Boat Launch	Approximately 4 hours around low tide on 3 consecutive days	Less than 0.5 cy of plant material and associated sediment	Less than 50 sf

¹ 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.

² Indicate the time (in months or years, as appropriate) the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8d. 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.

Yes No Not applicable

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

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

No mitigation is proposed for this action. The action itself is a pre-emptive eelgrass salvage to avoid a later need to mitigate for lost eelgrass.

8f. For all activities identified in 8c., 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. [\[help\]](#)

See 6d.

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

Eelgrass plants and a limited amount of associated sediment will be moved by hand.

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project.

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	Laura Arber	(425) 379-2306	7/1/09
		()	
		()	

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

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.

17110011

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

- Go to <http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm> to find the WRIA #.

WRIA #7

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

- Go to <http://www.ecy.wa.gov/programs/wq/swqs/criteria.html> 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: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html.

Rural Urban Natural Aquatic Conservancy X Other: Urban maritime

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

- Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx for the Forest Practices Water Typing System.

S F Np Ns

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 Not applicable

Name of manual:

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

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

- If yes, attach it to your JARPA package.

Yes No Area has been routinely dredged to maintain the ramp function; last dredging was in 2001-2002.

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. [\[help\]](#)

Chinook Salmon (Puget Sound), Steelhead (Puget Sound), Bull trout.

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. [\[help\]](#)

This project could potentially minimally affect the following species on the WDFW Priority Habitats and Species List:

Dungeness crab, Pacific lamprey, river lamprey, longfin smelt, surf smelt, bull trout – Dolly Varden, Chinook salmon, chum salmon, searun cutthroat trout, coho salmon, pink salmon, steelhead, Pacific sand lance, Brandt's cormorant, marbled murrelet, western grebe, great blue heron, bald eagles, peregrine falcons, and harbor seals. Effects are expected to be positive.

Part 10—Identify the Permits You Are Applying For

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

- Online Project Questionnaire at <http://apps.ecy.wa.gov/opas/>.
- Governor's Office of Regulatory Assistance at (800) 917-0043 or help@ora.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

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

A SEPA determination (exemption) is pending with the Port of Everett (lead agency). The expected decision date is July 6, 2009.

I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.)

- Submit the Fish Habitat Enhancement Project form with this application. The form can be found at <http://www.epermitting.wa.gov/Portals/JarpaResourceCenter/images/default/fishenhancement.doc>

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

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

Other: _____

SEPA is pre-empted by federal law. [\[help\]](#)

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): 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

Washington Department of Ecology:

- Section 401 Water Quality Certification

Washington Department of Natural Resources:

- Aquatic Resources Use Authorization

FEDERAL GOVERNMENT

United States Department of the Army permits (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 permits:

- General Bridge Act Permit Private Aids to Navigation (for non-bridge projects)

Part 11—Authorizing Signatures

Signatures required before submitting the JARPA package.

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. DEK (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. DEK (Initial)

Michael E. Anderson, Senior Planner
Applicant FOR PART OF EVCUTT

7/2/09
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.

[Signature]
Authorized Agent

7/2/09
Date

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

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

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