



# WASHINGTON STATE

## Joint Aquatic Resources Permit Application (JARPA) Form<sup>1,2</sup> [\[help\]](#)

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



US Army Corps of Engineers®  
Seattle District

AGENCY USE ONLY

Date received: \_\_\_\_\_

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

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

### Part 1—Project Identification

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

Wells Hydroelectric Project, Tract 4 Shoreline Stabilization Project

### Part 2—Applicant

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

2a. Name (Last, First, Middle)

Beau Patterson

2b. Organization (If applicable)

Public Utility District No. 1 of Douglas County (Douglas PUD)

2c. Mailing Address (Street or PO Box)

1151 Valley mall Parkway

2d. City, State, Zip

East Wenatchee, WA 98802

2e. Phone (1)

509-881-2338

2f. Phone (2)

509-670-6086

2g. Fax

509-884-0553

2h. E-mail

beau@dcpud.org

<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/Missions/CivilWorks/Regulatory/PermitGuidebook/EndangeredSpecies.aspx>.
- 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.

<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 for Regulatory Innovation and Assistance at (800) 917-0043 or [help@oria.wa.gov](mailto: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.) [\[help\]](#)

<b>3a.</b> Name (Last, First, Middle)			
Broadhead, Craig D.			
<b>3b.</b> Organization (If applicable)			
Jacobs Engineering Group			
<b>3c.</b> Mailing Address (Street or PO Box)			
32 N 3 <sup>rd</sup> Street, Ste. 304			
<b>3d.</b> City, State, Zip			
Yakima, WA			
<b>3e.</b> Phone (1)	<b>3f.</b> Phone (2)	<b>3g.</b> Fax	<b>3h.</b> E-mail
509-312-0375			Craig.broadhead@jacobs.com

### Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

<b>4a.</b> Name (Last, First, Middle)			
<b>4b.</b> Organization (If applicable)			
<b>4c.</b> Mailing Address (Street or PO Box)			
<b>4d.</b> City, State, Zip			
<b>4e.</b> Phone (1)	<b>4f.</b> Phone (2)	<b>4g.</b> Fax	<b>4h.</b> 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.) **Public Utility District**
- 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.) [\[help\]](#)

28 Starr Road

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

Pateros, WA 98846

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

Okanogan

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

¼ Section	Section	Township	Range
SW	Section 19	T 29N	R 24E

**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)

47.992057, -119.878142

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

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

2924190044

**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)
Bert and Evelyn Stennes	PO Box 38, Pateros, WA 98846	2924190050

<b>5i.</b> List all wetlands on or adjacent to the project location. <a href="#">[help]</a>
Not applicable – There are no wetlands within or adjacent to the project.
<b>5j.</b> List all waterbodies (other than wetlands) on or adjacent to the project location. <a href="#">[help]</a>
Columbia River (Lake Pateros/Wells Reservoir)
<b>5k.</b> Is any part of the project area within a 100-year floodplain? <a href="#">[help]</a>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know
<b>5l.</b> Briefly describe the vegetation and habitat conditions on the property. <a href="#">[help]</a>
The property is Columbia River bank and shoreline adjacent to a developed residential property. There is one non-native willow tree, located at the south point of the shore, which is being undercut by erosion activities of the river. The shoreline is mostly composed of erodible soils above the Ordinary High Water Mark (OHWM), cobble and gravel river bed material, and some riprap armoring located on the west end of the property. Upland areas adjacent to the project are developed lawn and grass, with shrub and tree plantings.
<b>5m.</b> Describe how the property is currently used. <a href="#">[help]</a>
The Douglas PUD property is currently used as undeveloped public property, as per Douglas PUD's obligations under its Federal Energy Regulatory Commission (FERC) license to operate the Wells Hydroelectric Project, FERC No. 2149.
<b>5n.</b> Describe how the adjacent properties are currently used. <a href="#">[help]</a>
The adjacent property is residential, with associated residential structures and development. Other properties in the area are developed orchards.
<b>5o.</b> Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. <a href="#">[help]</a>
There are no structures on the project property, as it used as undeveloped public property. On the adjacent residential property, there are two structures located above ground; first is a structure that is about 200 feet inland from the east bank of the shore that is used as residential housing. The second structure is located about 15 feet from the south point of the shore that is an existing well house.
<b>5p.</b> Provide driving directions from the closest highway to the project location, and attach a map. <a href="#">[help]</a>
From State Route 97, turn east onto Starr Road. Continue on Starr Road, turn right onto Stennes Point Drive. Cross the railroad tracks and the project area is ahead. An easement across private property is required to access the property area.

## Part 6–Project Description

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

Douglas PUD needs to repair an eroding bank on the Columbia River south of Pateros, Washington. The erosion repair project (Project) will restore shoreline protection and enhance both terrestrial and aquatic habitat. The work supports Douglas PUD’s obligations under its Federal Energy Regulatory Commission (FERC) license to operate the Wells Hydroelectric Project, FERC No. 2149. The design incorporates multiple biotic and abiotic elements to reduce erosion and increase shoreline stabilization and habitat values. These elements include placing a cobble and gravel berm below the OHWM to dissipate wave energy, constructing a layered coir fabric revetment to protect the shoreline and promote vegetation establishment, flattening steep eroded slopes, and replanting with native vegetation. All work below the OHWM will be completed in the dry during a reservoir drawdown period.

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

The Project includes the repair of approximately 300 linear feet of actively eroding Columbia River bank. The eroding bank is located in an area with high wave erosion potential, and the combination of lack of vegetation and fine soils at the location are not able to withstand current conditions to prevent on-going erosion. The on-going erosion has reached adjacent properties, and a bioengineered fix is necessary.

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

- Commercial     
  Residential     
  Institutional     
  Transportation     
  Recreational  
 Maintenance     
  Environmental Enhancement

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

- |  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> Aquaculture                   | <input type="checkbox"/> Culvert              | <input type="checkbox"/> Float               | <input type="checkbox"/> Retaining Wall (upland)       |
| <input checked="" 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 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: Cobble and gravel berm and layered revetment for wave energy dissipation; native vegetation replanting.

**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.

### **Project Summary**

The Project includes the repair of approximately 300 linear feet of actively eroding Columbia River bank. An existing non-native willow tree located on the end of a small point bar has provided some protection of the bank, but is severely undercut and has caused erosion to develop a small embayment to the west of the tree. A layered coir fabric revetment will be constructed at this location, surrounding the existing tree and embayment. The bottom layer will be filled with gravel to provide additional wave protection. Subsequent layers will be filled with a compressed topsoil mix suitable for vegetation re-establishment. As each layer is constructed, willow cuttings will be placed between the layers to a depth suitable to reach saturated soil. The coir revetment will be approximately 125 linear feet in length, approximately 12 feet wide at the bottom, three feet wide at the top, and approximately five feet high depending on location. The layered coir revetment will be constructed so about ½ of the revetment is above the OHWM, providing wave energy dissipation at a variety of water surface elevations and protecting existing vegetation. **Approximately 98 cubic yards (cy) of fill will be required below the OHWM for the construction of the coir revetment.** The revetment footprint is approximately 1,500 square feet (sf) (See attached drawings).

In the linear erosion area to the east of the point bar, a cobble and gravel berm will be placed waterward of the toe of slope to dissipate wave energy. The cobble and gravel bar will be approximately 175 feet long, 12 feet wide at the base and one foot wide at the top, and will be 3-4 feet in height depending on the location. The waterward slope of the cobble and gravel bar will be 4:1, and the land side will be 2:1. The finished elevation will be approximately one foot above the OHWM. **Approximately 71 cy of fill will be required below the OHWM for the construction of the cobble and gravel berm.** The berm footprint is approximately 2,100 sf.

In places where the existing bank is vertical, the bank will be reshaped to contours suitable for willow stake establishment. The shoreline and the area between the shoreline and both the cobble and gravel berm will be planted with coyote willow stakes. Approximately 1,200 sf will be planted with coyote willow to provide additional shoreline stabilization.

### **Project Timeline and Sequencing**

The Project will begin in September 2017 and will take up to four weeks to complete. Work will occur simultaneous with the Cassimer Bar dike project located upstream. The Cassimer Bar project requires drawdown of the Columbia River (Lake Pateros / Wells Reservoir). Completing the Project concurrently allows work to be completed in the dry.

### **Equipment**

Equipment to be used will include, but is not limited to: excavators, mini-excavators, dump trucks, and backhoes. The use of pumps or other equipment is not anticipated, as work will occur after reservoir drawdown and dewatering or isolation will not be necessary.

### **Construction Access and Staging**

Access will be by easement through the adjacent property owner's yard. If necessary, geotextile fabric and/or hog fuel may be used to protect access points, existing yards, and prevent erosion during construction. Staging of equipment and materials will occur within the project area or access area as approved by the property owner. Existing State highways and County roads will be used to access the Project site. If the Contractor chooses to utilize an area for staging outside of those described here, they will be responsible for obtaining permits and necessary clearances for the use of alternate sites. No access by boat is anticipated.

It is likely the Contractor can utilize a single location to access the area below the OHWM to construct the berm and revetment. The steep bank area will be flattened to allow equipment access to the river bed and geotextile fabric will be placed to prevent erosion during ingress and egress. Work will occur below the OHWM after drawdown has occurred and the aquatic bed has dried. Based on the cobble substrate present at the site, no BMPs except for placement of geotextile fabric will be necessary for equipment access below the OHWM. No vegetation will need to be removed for access. When construction is complete, the geotextile fabric will be

removed and the access area planted with willow stakes.

### Construction of Cobble and Gravel Berm and Layered Revetment

The berm will be constructed of a mixed cobble and gravel, sized appropriately to withstand erosive forces while having some deformability. The intent is to allow native willow growth to occur behind the berm, with long-term sediment deposition and bank reforming. The material will be placed on the dry river bed with dump trucks, and shaped using a small excavator or backhoe.

The layered coir revetment is comprised of stacked layers of geotextile-wrapped gravel or soil lifts. Lifts are constructed by laying geotextile fabric out, placing fill material, and pulling back the geotextile material to create the lift. A template can be used to help hold fill material and make it easier to form each lift. Each layer of the revetment can vary in height depending on amount of fill. For this Project, lifts will likely be between 12 and 16 inches. The bottom lift will be filled with gravel to build a solid base and provide protection against wave action. The remaining lifts will be filled with a compressed topsoil mix that is suitable for plant growth. As each lift is placed, willow cuttings are stacked between, with sufficient length to reach back to saturated soil contact. Willow cuttings can also be placed directly through each lift vertically for additional growth potential and enhanced protection.

### Planting and Site Restoration

The Contractor will incorporate willow cuttings as the revetment is being placed. The area behind the berm and revetment, including the flattened banks at and just above the OHWM, will be planted with willow stakes. Coyote willow will be harvested from a local source, or purchased from a native plant nursery. If temperatures preclude stake planting during September, Douglas PUD will return and plant willow stakes later in the fall.

**6f.** What are the anticipated 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: September 1, 2017 End Date: October 1, 2017  See JARPA Attachment D

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

\$150,000

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

**7a.** Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

Not applicable

There are no wetlands in the project area.

**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

There are no wetlands in the project area.

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

N/A

**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 project will be completed concurrent with the Cassimer Bar Dike Breaching Project located upstream, during a reservoir drawdown period. All work below the OHWM will be completed in the dry. There are 8 minimization measure (MMs) which will be implemented during the construction process to avoid or minimize impacts to the aquatic environment. A summary of these measures is below.

**MM 1** – Work below the OHWM will only occur in the dry, after drawdown has occurred. No in-water work will occur.

**MM 2** – Equipment working below the OHWM will utilize vegetable oil or other biodegradable fluid instead of hydraulic fluid.

**MM 3** – The revetment and cobble and gravel berm will be built by accessing from the impacted footprint and upland bank where possible. Equipment will avoid working from the waterward side of the revetment and berm.

**MM 4** – All equipment will be inspected for leaks prior to work each day.

**MM 5** – Staging and fueling of equipment will occur more than 50 feet from the OHWM.

**MM 6** – Existing shoreline vegetation will be protected where possible.

**MM 7** – Geotextile fabric or other BMP will be placed beneath the access point to protect the bank and prevent erosion.

**MM 8** – Gravel and gravel/cobble mix used for the revetment and berm will be clean and free of any debris.

**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  Don’t know

The project is halting continuing erosion, replanting vegetation, and restoring degraded shoreline. The project should be considered self-mitigating, as the minor amount of fill below the OHWM will provide wave energy dissipation and allow vegetation re-establishment. The project is considered an erosion control and riverine enhancement project.

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

The layered revetment, gravel and cobble berm, and associated plantings are being used as bio-engineered protection techniques instead of rock armoring or other hard fixes. The bio-engineered repair will increase habitat complexity and restore native riparian vegetation.

**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 (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Fill	Columbia River	Below OHWM	Permanent	169 cubic yards	3,600 sq. ft.

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

Material for the gravel/cobble berm will be clean material sized to withstand wave energy, will be mixed off-site, and imported from a permitted facility. Where bank shaping needs to occur on the eroded banks, the material will likely be used as fill in the geotextile layers of the revetment. Additional suitable compacted topsoil material will also be brought from a permitted site. Approximately 98 cubic yards will be placed below the OHWM for the layered revetment, and 71 cubic yards will be placed below the OHWM for the gravel/cobble berm.

The revetment and berm will cover 3,600 square feet of riverbed. However, the footprint of the berm and revetment are within the original bank area prior to erosion occurring. Therefore, the true area of impact and habitat conversion is minimal.

**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 – No excavation or dredging activities will be occurring for this project

## 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.

<b>9a.</b> If you have already worked with any government agencies on this project, list them below. <a href="#">[help]</a>			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
US Army Corps of Engineers	Jess Jordan	206-316-3967	1/23/2017
<b>9b.</b> 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? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>If <b>Yes</b>, list the parameter(s) below.</li> <li>If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <a href="http://www.ecy.wa.gov/programs/wq/303d/">http://www.ecy.wa.gov/programs/wq/303d/</a>.</li> </ul>			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
303d, Temperature.			
<b>9c.</b> What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? <a href="#">[help]</a>			
<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>			
17200007			
<b>9d.</b> What Water Resource Inventory Area Number (WRIA #) is the project in? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Go to <a href="http://www.ecy.wa.gov/water/wria/index.html">http://www.ecy.wa.gov/water/wria/index.html</a> to find the WRIA #.</li> </ul>			
WRIA 48 - Methow			
<b>9e.</b> Will the in-water construction work comply with the State of Washington water quality standards for turbidity? <a href="#">[help]</a>			
<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			
<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>			
<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"/> Urban <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input checked="" type="checkbox"/> Other: <u>Shoreline Residential</u>			
<b>9g.</b> What is the Washington Department of Natural Resources Water Type? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Go to <a href="http://www.dnr.wa.gov/forest-practices-water-typing">http://www.dnr.wa.gov/forest-practices-water-typing</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			
<b>9h.</b> Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>If <b>No</b>, provide the name of the manual your project is designed to meet.</li> </ul>			

<input type="checkbox"/> Yes <input type="checkbox"/> No
Name of manual: <u>Not Applicable</u>
<b>9i.</b> Does the project site have known contaminated sediment? <a href="#">[help]</a> <ul style="list-style-type: none"> <li><b>If Yes</b>, please describe below.</li> </ul>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>9j.</b> If you know what the property was used for in the past, describe below. <a href="#">[help]</a> The project area has been public shoreline as part of the electric utility.
<b>9k.</b> Has a cultural resource (archaeological) survey been performed on the project area? <a href="#">[help]</a> <ul style="list-style-type: none"> <li><b>If Yes</b>, attach it to your JARPA package.</li> </ul>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cultural Survey 4/19/17, DAHP letter of concurrence 5/1/2017
<b>9l.</b> 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. <a href="#">[help]</a>
Chinook – Upper Columbia River spring-run ESU Chinook – Critical Habitat Bull trout – Columbia River DPS Bull trout- Critical Habitat Steelhead – Upper Columbia River Summer-run DPS Steelhead – Critical Habitat
<b>9m.</b> 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. <a href="#">[help]</a>
Golden eagle, Columbian sharp-tailed grouse, American white pelican, common loon, bald eagle, and waterfowl concentrations have all been identified by PHS as occurring within the Township of the project. However, the project will not affect any of these species.

## 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](mailto: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 [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 \_\_\_\_\_ (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): \_\_\_\_\_

##### 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](#)

You must submit a check for \$150 to Washington Department of Fish and Wildlife, unless your project qualifies for an exemption or alternative payment method below. **Do not send cash.**

##### Check the appropriate boxes

- \$150 check enclosed. Check # \_\_\_\_\_  
Attach check made payable to Washington Department of Fish and Wildlife.
- My project is exempt from the application fee. (Check appropriate exemption):
  - HPA processing is conducted by applicant funded WDFW staff.  
Agreement # \_\_\_\_\_
  - Mineral prospecting and mining
  - Project occurs on farm and agricultural land.  
(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use)
  - Project is modification of an existing HPA originally applied for, prior to July 10, 2012.  
HPA # \_\_\_\_\_

**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

**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:**

- Private Aids to Navigation (for non-bridge projects)

## 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. BAP (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. BAP (initial)

Beau Patterson		May 8, 2017
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.

Craig D. Broadhead		April 12, 2017
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
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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. 09/2016