



2009

WASHINGTON STATE Joint Aquatic Resources Permit Application (JARPA) Form [\[help\]](#)



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 WHITE SPACES BELOW.

Part 1—Project Identification

Unique project information that makes it easy to identify. [\[help\]](#)

1a. Unique Project Identifier Number (UPI #) [help]
<ul style="list-style-type: none"> 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.
018518-09-01
1b. Project Name (Examples: Smith's Dock or Seabrook Lane Development) [help]
US 12 RAINEY CREEK BRIDGE CHANNEL MAINTENANCE

Part 2—Applicant

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

2a. Name (Last, First, Middle) and Organization (if applicable)			
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION			
2b. Mailing Address (Street or PO Box)			
PO BOX 1709			
2c. City, State, Zip			
VANCOUVER, WA 98668-1709			
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)			
PO Box 1709			
3c. City, State, Zip			
Vancouver, WA 98668-1709			
3d. Phone (1)	3e. Phone (2)	3f. Fax	3g. E-mail
	()		

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)			
4b. Mailing Address (Street or PO Box)			
4c. City, State, Zip			
4d. Phone (1)	4e. Phone (2)	4f. Fax	4g. E-mail
()	()	()	

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]			
US 12 MP 108.11			
5b. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
About four miles east of Glenoma.			
5c. County [help]			
Lewis County			
5d. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
SE	7	12N	6E
SW	8		
5e. Provide the latitude and longitude of the project location. [help]			
• Example: 47.03922 N lat. / -122.89142 W long			
Lat: 46.5407, Long: -122.0951			
5f. List the tax parcel number(s) for the project location. [help]			
• 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)
Lewis Co Land Company	1201 Pacific Ave. STE 1750 Tacoma, WA 98402	031020003000 031043003000 031043006000

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. [\[help\]](#)

There is no vegetation in the work area.

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

Current use of property is state highway right of way.

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

Adjacent property use is rural residential and agricultural.

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

Existing structure is state highway bridge over Rainey Creek.

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

Site is located on US 12 at MP 108.11, approximately four miles east of Glenoma in Lewis County.

Part 6—Project Description

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

The proposed project consists of removing between 270 and 750 cubic yards of flood-generated cobbles, gravel, sand and silt from the channel of Rainey Creek beneath the bridge and immediately upstream and downstream: and, if necessary, the repair of the existing bank armoring on the upstream and downstream sides of the bridge and the abutments.

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 checked="" 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 type="checkbox"/> Dock / Pier | <input type="checkbox"/> Mining | <input type="checkbox"/> Swimming Pool |
| <input type="checkbox"/> Bridge | <input checked="" 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: _____

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.

Approximately 270 cubic yards of storm-deposited debris currently needs to be removed from beneath the bridge within the Rainey Creek channel. Specifically, in the narrow areas between the piers and the abutments on each side of the channel. The debris piles under the bridge are about 40 feet long and 18 feet wide (each) to a depth of about 6 feet. The work will be conducted using a small dozer (e.g. bobcat) in the channel to scoop out the material under the bridge and take it to a location in the channel where an excavator stationed on the bank can transfer it to dump trucks. Additional work may be required in the summer of 2010. Depending on winter conditions, the work area in 2010 could be up to 220 feet long, 50 feet wide, and 6 - 8 feet deep. Also, once the debris is removed, if the existing riprap at the abutments is damaged, it will be repaired in kind to as-built conditions: placing individual rocks with an excavator.

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: Aug 1, 2009 (or earlier if dry) End date: October 2010 See JARPA Attachment D

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

The purpose of the proposed work is to restore the hydraulic capacity beneath the bridge so that it can carry Rainey Creek adequately during high flow conditions. The accumulation of storm-deposited debris reduces capacity to where the creek flows over and alongside the highway during high flow threatening public safety and causing damage to the highway and adjacent properties. Removing the debris will also immensely improve fish passage.

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

N/A

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

N/A

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. [\[help\]](#)

N/A

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. [\[help\]](#)

N/A

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

N/A

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

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

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

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

Not applicable

This drainage frequently goes dry in the summer. In order to minimize impacts to the aquatic environment the work will be conducted under dry conditions or during extreme low flow and within the preferred in-water work window for fish protection. If any water is present in the streambed at the time the work is scheduled, a biologist will be on-site and fish exclusion measures will be implemented. In addition, any equipment that must be located in the water will be clean. Also, if possible, the stream flow might be shunted to the side of the channel not being worked in with appropriate bypass methods.

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
dredge	Rainey Creek	creek bed	4 - 8 days	270 - 750 cyds	1280 - 11,000 sq ft
rip rap repair	Rainey Cr.	bank	2 days	Unknown	~ 100 sq ft. ?

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 short-term mitigation is required under the 2008 WSDOT/WDFW MOA. However, as stipulated in the MOA, this bridge is included in the Chronic Environmental Deficiencies Program (CED) and a reach assessment was completed. Because of the extensive damage that occurred in January 2009 the reach assessment is being reevaluated to determine if the recommendations need to be revised.

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. [\[help\]](#)

The section of channel upstream of the highway between the existing bridge and the abandoned abutments of the old bridge is armored (about 30 linear feet). The area under the bridge adjacent to the abutments is also armored. A short section of bank downstream of the bridge was armored. The armoring may have been damaged by the floods. However, until the debris is removed, it is not possible to see what condition it is in. Any repairs would be only to the pre-existing conditions. Therefore, quantities and extent are unknown at this time. Material would be large rip rap brought in from WSDOT stockpile sites (usually salvaged from local rock scaling operations.)

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. [\[help\]](#)

Dredging will be performed by use of a track-mounted excavator on the bank and a small bulldozer in the channel and under the bridge. Approximately 270 cubic yards of flood-deposited cobbles, gravel, and sediment will be removed in 2009. In 2010 between 0 and 750 cubic yards may need to be removed. Material will be disposed of at a permitted WSDOT upland site - probably the Packwood PS.

Part 9—Additional Information

Any additional information you can provide helps the reviewer 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
USACE			May 14, 2009
WDFW			May 14, 2009
Lewis County			May 18, 2009

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.

17080004 Upper Cowlitz

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 #.

26

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 Other _____

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

Name of manual: WSDOT/DOE WQIA

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

N/A

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

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

[REDACTED]

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. [\[help\]](#)

[REDACTED]

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.

<p>10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help]</p> <ul style="list-style-type: none"> • For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html.
<p><input checked="" type="checkbox"/> A copy of the SEPA determination or letter of exemption is included with this application.</p>
<p><input type="checkbox"/> A SEPA determination is pending with _____ (lead agency). The expected decision date is _____.</p>
<p><input type="checkbox"/> I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.)</p> <ul style="list-style-type: none"> • 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
<p><input type="checkbox"/> This project is exempt (choose type of exemption below).</p> <p><input type="checkbox"/> Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt? _____</p> <p><input type="checkbox"/> Other: _____</p>
<p><input type="checkbox"/> SEPA is pre-empted by federal law. [help]</p>
<p>10b. Indicate the permits you are applying for. (Check all that apply.) [help]</p>
<p>LOCAL GOVERNMENT</p>
<p>Local Government Shoreline permits:</p> <p><input type="checkbox"/> Substantial Development <input type="checkbox"/> Conditional Use <input type="checkbox"/> Variance</p> <p><input checked="" type="checkbox"/> Shoreline Exemption Type (explain): Maintenance.</p>
<p>Other city/county permits:</p> <p><input type="checkbox"/> Floodplain Development Permit <input type="checkbox"/> Critical Areas Ordinance</p>
<p>STATE GOVERNMENT</p>
<p>Washington Department of Fish and Wildlife:</p> <p><input checked="" type="checkbox"/> Hydraulic Project Approval (HPA) <input type="checkbox"/> Fish Habitat Enhancement Exemption</p>
<p>Washington Department of Ecology:</p> <p><input type="checkbox"/> Section 401 Water Quality Certification</p>
<p>Washington Department of Natural Resources:</p> <p><input type="checkbox"/> Aquatic Resources Use Authorization</p>
<p>FEDERAL GOVERNMENT</p>
<p>United States Department of the Army permits (U.S. Army Corps of Engineers):</p> <p><input checked="" type="checkbox"/> Section 404 (discharges into waters of the U.S.) <input type="checkbox"/> Section 10 (work in navigable waters)</p>
<p>United States Coast Guard permits:</p> <p><input type="checkbox"/> General Bridge Act Permit <input type="checkbox"/> Private Aids to Navigation (for non-bridge projects)</p>

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. _____ (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)

Applicant

Date

11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Authorized Agent

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