



2009



US Army Corps of Engineers®
Seattle District

AGENCY USE ONLY

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

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

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

ANSWERS IN AREAS HIGHLIGHTED BY CROSS-HATCHES ARE NOT REQUIRED

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.
N/A
1b. Project Name (Examples: Smith's Dock or Seabrook Lane Development) [help] Culvert maintenance in freshwaters statewide.

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)			
310 Maple Park Avenue SE			
2c. City, State, Zip			
Olympia, WA 98501-7331			
2d. Phone (1)	2e. Phone (2)	2f. Fax	2g. E-mail
(360) 704-6327	N/A	(360) 705-6833	Schlatk@wsdot.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.) [\[help\]](#)

3a. Name (Last, First, Middle) and Organization (if applicable)			
3b. Mailing Address (Street or PO Box)			
3c. City, State, Zip			
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)			
N/A			
4b. Mailing Address (Street or PO Box)			
N/A			
4c. City, State, Zip			
N/A			
4d. Phone (1)	4e. Phone (2)	4f. Fax	4g. E-mail
N/A	N/A	N/A	N/A

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]			
Statewide			
5b. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Statewide			
5c. County [help]			
Statewide			
5d. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
N/A	N/A	N/A	N/A
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 			
N/A			
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. 			
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)

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. [\[help\]](#)

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

Washington State Department of Transportation Rights of Way for transportation infrastructures.

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

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

Varies depending on location, but may include luminaries, conduits, junction boxes, signs, guard rail, bridges, and other structures associated with the roadway infrastructure.

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

N/A

Part 6–Project Description

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

Removal of bed load material, sediment, small wood, debris, and Large Woody Material (LWM) from culverts within WSDOT’s Right of Way. LWM will be repositioned below the OHWL as required. It also includes repair of washouts (erosion) to WSDOT’s embankments at the inlet and outlet of the culvert structure as well other repairs to the culvert as necessary. It does not include the replacement of the entire culvert.

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 checked="" 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 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: _____

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 maintenance of existing culverts within WSDOT's Right of Way. The work involves the removal of bedload material, sediments, woody debris, and other debris. The work will be done by hand (such as a shovel and come-a-longs) or with equipment (such as a backhoe, vactor, excavator, and/or crane) depending on the specific site and material to be removed. The material will be lifted out of the channel and placed above the OHWL, with the exception of Large Woody Material (LWM) that will either be floated downstream, or picked up and repositioned at another location below the Ordinary High Water Line (OHWL).

If LWM can not be floated, it will be lifted out of the stream by hand, backhoe, or crane and placed back into the system within WSDOT's R/W by the same means in a controlled manner to minimize siltation or damage to the bed of the stream. It will not be secured into a permanent position.

Small woody material will be floated downstream, placed in the riparian area, or hauled off site.

Repair to embankment areas eroded away will be done by the placement of rip rap, soil, or other acceptable materials. Rip rap placement in areas where none previously existed will be limited to ten (10) linear feet along the toe of the stream bank. The area above the rock will filled with soil and may include bio-engineering plantings or waddles.

Equipment access will be done in a manner to minimize damage to existing native woody plant species within the riparian area. Where possible, woody species will be trimmed in lieu or removal to allow for access.

End dumping of rip rap below the OHWL will not be allowed. The material will be placed in a controlled manner.

The appropriate BMPs will be utilized as discussed in Section 8a. below.

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: Date of permit issuance End date: 5 years from permit issuance See JARPA Attachment D

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

The maintenance activities will be performed to re-establish the flows through culverts to pre-existing conditions. The trigger for the work will be blockages within the culvert that will cause water backing up into the system creating erosion or flooding of the roadway structures.

Repair of erosion to the embankments supporting the roadway structures will be performed as needed to protect the structural integrity of the roadway and insure the safety of the traveling public.

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.) **N/A (suppose to hatched out and not filled out)**

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]					
X Not applicable (suppose to hatched out and not filled out)					
7b. Will the project impact wetlands? [help]					
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know					
7c. Will the project impact wetland buffers? [help]					
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know					
7d. Has a wetland delineation report been prepared? [help]					
<ul style="list-style-type: none"> If yes, submit the report, including data sheets, with the JARPA package. 					
<input type="checkbox"/> Yes <input type="checkbox"/> No					
7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [help]					
<ul style="list-style-type: none"> If yes, submit the wetland rating forms and figures with the JARPA package. 					
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know					
7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [help]					
<ul style="list-style-type: none"> If yes, submit the plan with the JARPA package. 					
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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. [\[help\]](#)

The activities are maintenance of existing culverts located within WSDOT’s Right of Way that are associated with WDFW jurisdictional waters. The work is being performed to restore flows to pre-existing conditions and stop adverse impacts associated with siltation from washouts (erosion of the bank), major reconstruction of the infrastructure caused by erosion, and stranding of fish associated with the waterbody overtopping its banks.

Impacts to the aquatic system will be minimized by following the Regional Road Maintenance Program part 2 – BMPs. This includes, but not limited to, removing fish from the work area when in-water work is performed, installation of block nets to keep fish from re-entering the work area, the placement of fish screens on the intake hose of water diversion pumps, following the in-water work windows found as specified by WDFW and the installation of diversion structures, when appropriate, for working in the dry.

In addition, BMPs will be used to insure water quality standards are not exceeded by the maintenance activity and that water pumped out of the work, when done, will be not contain sediments when allowed to re-enter waters of the state.

Care will be taken to minimize any damage to native riparian woody species. Plants destroyed by the activity will be replaced at a 1:1 ratio. All areas of bare soils caused by the maintenance activity will be seeded, mulched, or addressed with other appropriate BMPs to control erosion and siltation of the stream.

Bedload and sediments removed from the culvert/stream channel will be disposed of in an upland location where the material will not be washed back into the water body or water from the material will not flow directly into the stream without being processed through a BMP to remove silts.

Large woody material that is creating a blockage system will be removed and floated/repositioned below the OHWL to a location where it will not be impacting the roadway structure. This will insure a no net loss of habitat structures in the stream.

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

Repair & Removal of debris from culverts	Freshwater Systems Statewide	N/A	N/A	N/A	N/A

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. [\[help\]](#)

N/A

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. [\[help\]](#)

N/A – the activities involve the removal of debris. No fill will occur below the OHWL. Large Woody Material be repositioned below the OHWL, but is not considered as fill material.

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. [\[help\]](#)

Debris will be removed using hand tools, wenches, chain saws, backhoe, excavator, crane, or other equipment as required.

Type of material removed may include bedload material (rocks, gravels, sands, and silts), small woody material, manmade debris such as shopping carts, and Large Woody Material (LWM will be repositioned below the OHWL).

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
N/A	N/A	N/A	N/A

--	--	--	--

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 **N/A**

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.

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 #.

All WRIAs

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 **Varies**

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [\[help\]](#)

- If **no**, provide the name of the manual your project is designed to meet.

Yes No

Name of manual:

9i. 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

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. [\[help\]](#)

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. [\[help\]](#)

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.

x 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.)

- 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?

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): _____

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

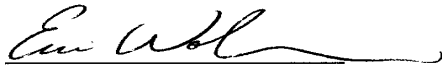
Signatures required before submitting the JARPA package.

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. _____ (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

05/11/2009

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