



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands

Application for Use of State-owned Aquatic Lands

Applicant Name: Northwest Pipeline GP
County: Snohomish County
Water Body: Wallace River
Type of Authorization - Use: Easement – Pipeline maintenance
Authorization Number: Number pending
Term: 30 years

Description: This agreement will allow the use of State-owned aquatic lands for the sole purpose of remediating pipeline exposure through installation of buried weirs and restoration of the upland bank. It is located in the Wallace River, in Snohomish County, Washington.

Posted: February 26, 2013



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



US Army Corps
of Engineers
Seattle District
forthcoming

AGENCY USE ONLY

Date received: 01/21/2013; Town

Application Fee Received; Fee N/A

New Application; Renewal Application

Type/Prefix #: 51; NaturE Use Code: 2205

LM Initials & BP#: BA / OSEA30/BP# 5

RE Assets Finance BP#: 1053962 6-1024950

New Application Number: _____

Trust(s): _____; County: _____

AQR Plate #(s): _____

Gov Lot #(s): _____

Tax Parcel #(s): _____

Attachment E:
Aquatic Use Authorization on
Department of Natural Resources
(DNR)-managed aquatic lands [help]

Complete this attachment and submit it with the completed JARPA form only if you are applying for an Aquatic Use Authorization with DNR. Call (360) 902-1100 or visit www.bit.ly/dnr_aquatic_lease for more information.

- DNR recommends you discuss your proposal with a DNR land manager before applying for regulatory permits. Contact your regional land manager for more information on potential permit and survey requirements. You can find your regional land manager by calling (360) 902-1100 or going to http://www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf. [help]
- The applicant may not begin work on DNR managed aquatic lands until DNR grants an Aquatic Use Authorization.
- Include a \$25 non-refundable application processing fee, payable to the "Washington Department of Natural Resources." (Contact your Land Manager to determine if and when you are required to pay this fee.) [help]

DNR may reject the application at any time prior to issuing the applicant an Aquatic Use Authorization. [help]

1. Applicant Name (Last, First, Middle)	
Thorne, Kris	
2. Organization Name (If applicable)	
NW Pipeline GP	
3. Which of the following applies to Applicant? Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. [help]	
<input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Limited Partnership <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Liability Company Home State of Registration: _____	<input type="checkbox"/> Individual <input type="checkbox"/> Marital Community (Identify spouse): _____ <input type="checkbox"/> Government Agency <input type="checkbox"/> Other (Please Explain): _____

4. Washington UBI (Unified Business Identifier) number, if applicable: [\[help\]](#)

5. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?

Yes No Don't know

If Yes, Authorization number(s): _____

6. Do you intend to sublease the property to someone else?

Yes No

If Yes, contact your Land Manager to discuss subleasing.

7. If fill material was used previously on DNR-managed aquatic lands, describe below the type of fill material and the purpose for using it. [\[help\]](#)

The project site consists of the maintained right-of-way for an active 4-inch diameter natural gas pipeline (Grotto Lateral). Any fill placed in association with the original installation and continued maintenance of the pipeline would consist of mixed sized gravels and cobbles similar to those of the natural river bed substrates.

To be completed by DNR and a copy returned to the applicant.

Signature for projects on DNR-managed aquatic lands:

Applicant must obtain the signature of DNR Aquatics District Manager OR Assistant Division Manager if the project is located on DNR-managed aquatic lands.

I, a designated representative of the Dept. of Natural Resources, am aware that the project is being proposed on Dept. of Natural Resources-managed aquatic lands and agree that the applicant or his/her representative may pursue the necessary regulatory permits. My signature does not authorize the use of DNR-managed aquatic lands for this project.

<i>Johann Gustafson</i>	<i>J. Gustafson</i>	<i>2-25-13</i>
Printed Name	Signature	Date
Dept. of Natural Resources	Dept. of Natural Resources	
District Manager or Assistant Division Manager	District Manager or Assistant Division Manager	

If you require this document in another format, contact the Governor's Office of Regulatory Assistance (ORA) 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. ORA Publication ENV-049-12



2010

WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form¹

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



US Army Corps of Engineers Seattle District

AGENCY USE ONLY

Date received:

Agency reference #:

Tax Parcel #(s):

Part 1-Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]²
Wallace River Pipeline Erosion Remediation

Part 2-Applicant

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

2a. Name (Last, First, Middle) and Organization (if applicable)
Michael C. Aubele - Northwest Pipeline GP
2b. Mailing Address (Street or PO Box)
8907 NE 219th Street
2c. City, State, Zip
Battle Ground, WA 98604
2d. Phone (1) (360) 666-2129
2e. Phone (2) (360) 518-9154
2f. Fax (360) 687-7314
2g. E-mail michael.c.aubele@williams.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)
John Guenther, PG (Project Manager) -AECOM
Tina Mirabile, PWS (Biologist) - AECOM
3b. Mailing Address (Street or PO Box)
401 Harris Ave., Suite 200
3c. City, State, Zip
Bellingham, WA 98225
3d. Phone (1) (360) 647-0990
3e. Phone (2) (360) 319-8041
3f. Fax (360) 647-5053
3g. E-mail john.guenther@aecom.com
Tina.Mirabile@aecom.com

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=mainpage_ESA
- If you are applying for an Aquatic Resources Use Authorization you will need to fill out and submit an Application for Authorization to Use State-Owned Aquatic Lands form to DNR, which can be found at http://www.dnr.wa.gov/Publications/aqr_use_auth_app.doc
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you think you will need a Shoreline permit, contact the appropriate city or county government to make sure they will accept the JARPA.

²To 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. For other help, contact the Governor's Office of Regulatory Assistance at 1-800-917-0043 or help@ora.wa.gov.

Part 4—Property Owner(s)

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

- Same as applicant. (Skip to Part 5.)
- Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)
- There are multiple property owners. Complete the section below and fill out JARPA Attachment A for each additional property owner.

4a. Name (Last, First, Middle) and Organization (if applicable)			
Washington Department of Fish & Wildlife			
4b. Mailing Address (Street or PO Box)			
14418 383 rd Avenue SE			
4c. City, State, Zip			
Sultan, WA 98294			
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 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]			
<input type="checkbox"/> State Owned Aquatic Land (If yes or maybe, contact the Department of Natural Resources (DNR) at (360) 902-1100)			
<input type="checkbox"/> Federal			
<input checked="" type="checkbox"/> Other publicly owned (state, county, city, special districts like schools, ports, etc.)			
<input type="checkbox"/> Tribal			
<input type="checkbox"/> Private			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
14418 383 rd Avenue SE (WDFW Wallace River Hatchery)			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Sultan, WA 98294			
5d. County [help]			
Snohomish			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
SE 1/4	36	28 North	8 East
5f. 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. (NAD 83) 			
47.522 N lat. / -122.425 long. (NAD 83)			
5g. 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. 			
28083600400500			

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)
WDFW Wallace River Hatchery (Project located within the Northwest Pipeline GP Right-Of-Way [ROW] on this parcel)	14418 383 rd Avenue SE Sultan, WA 98294	28083600400500
Robinett Investment Company	1429 Broadway Everett, WA 98201	28083600403400 (opposite side of river)

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

Category III PSS wetland located approximately 65 feet east of pipeline ROW

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

Wallace River

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

Yes No Don't know

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

As maintained pipeline ROW, existing upland vegetation is mowed grass. Non-native blackberry, that has been slashed, is present along the outer edges of the approximately 50' wide ROW. The remaining portion of the property that is not developed in association with the WDFW hatchery is forested. Habitat conditions within the existing pipeline ROW landward of the OHWM are relatively low. Habitat within surrounding forest provides moderate to high riparian buffer functions.

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

The project site consists of the maintained right-of-way for an active 4-inch diameter natural gas pipeline (Grotto Lateral). A WDFW fish hatchery is operated on the property. Undeveloped areas are forested.

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

With the exception of the WDFW hatchery operation to the southwest of the pipeline ROW, surrounding areas are undeveloped forest.

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

No structures are located within the existing pipeline ROW. Various structures, pools and a residence associated with the WDFW Hatchery are present on the subject property but are not associated with the project.

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

From the City of Sultan, take U.S. Hwy. 2 east approximately 4.25-miles to 383rd Avenue SE (WDFW Fish Hatchery sign). Take a left on 383rd Avenue SE and go north around the east side of the fish hatchery to the project site.

Part 6—Project Description

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

Northwest Pipeline GP maintains a 4-inch diameter natural gas pipeline (Grotto Lateral) that crosses, and is located beneath, the Wallace River near River Mile 4.2 (Pipeline Mile Post 16.49). Approximately 10-linear feet of the existing pipeline within the ROW is exposed due to river erosion along the southeast (left) bank of the Wallace River. Northwest Pipeline GP proposes to remediate the pipeline exposure by installing three buried bendway weirs within the river and restoring the upland bank at reduced side slopes. The weirs are designed to mimic existing gravel bars within the subject river reach. Bio-engineering techniques including the installation of willows (*Salix* sp.) to secure and vegetate the restored river bank will be utilized.

The pipeline remediation project site, including the upland and in-water construction components, is approximately 8,300 square feet (0.19 acre). The proposed in-river project area, including the perimeter of the protective cofferdam, represents approximately 6,600 square feet (0.15 acre) waterward of the OHWM. The proposed weir construction footprint, representing approximately 3,600 square feet (0.08 acre) of the in-water project area, will require an estimated 254 cubic yards of excavation and 310 cubic yards of fill. Net fill associated with the in-river project work is 56 cubic yards.

Upland excavation (388 cubic yards), fill (186 cubic yards) and grading associated with the restoration of the southeast river bank at reduced side slopes represents approximately 1,700 square feet in area (0.04 acre). Approximately 146 cubic yards of excavated material will be transported and disposed of off-site at an authorized location.

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 checked="" type="checkbox"/> Dam <u>Weir</u> | <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 checked="" 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: Habitat Enhancement

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.

All project activities will occur within the 100-year flood plain.

The bendway wiers will be spaced approximately 44-feet apart and installed from 10-feet landward of the OHWM to approximately 25-feet water of the OHWM. The subgrade wiers will be constructed with boulders and covered with imported stream gravels that mimic the substrates of existing gravel bars within the subject river reach.

The southeast river bank within the project area will be setback approximately 15' from the OHWM and regraded at an estimated 2H:1V slope. Bio-engineering techniques, utilizing coir blankets and live willow (*Salix* sp.) stakes, will be implemented to restore and revegetate the river bank.

The in-water project work area will be isolated from the river using a temporary portable cofferdam system, such as portable-a-dam, which is assembled manually and does not require equipment use. Equipment, including a small excavator with a long arm reach, will be operated from upland locations. No heavy equipment will be tracked on river substrates.

Equipment storage and materials stockpiling will be located in upland areas away from the adjacent wetland and protective buffer areas.

Vegetation clearing associated with the project is limited to two medium-sized red alder (*Alnus rubra*) trees (one is already compromised and leaning near the exposed pipeline) and an existing stump. The stump, approximately 4' in diameter and height, will be removed from the top of bank and installed as a large woody debris placement within the river, downstream of the pipeline crossing, adjacent to and keyed into the constructed weir and restored river bank.

A temporary dewatering discharge structure will be installed along the pipeline ROW, approximately 300' southeast of the project area. Dewatering of the in-water project area will occur only as necessary to ensure the cofferdam structure and or downstream water quality is not compromised. Screens with mesh sizes of ¼ inch or less will be used on dewatering pumps.

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: August 1

End date: August 30

See JARPA Attachment D

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

Exposure of the gas pipeline within the river crossing is a safety hazard.

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

\$150,000.00

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 none, skip to Part 8.)

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]						
<input type="checkbox"/> Not applicable						
Equipment access and storage areas are restricted to the pipeline ROW or adjacent areas to the west, away from the eastern adjacent wetland and its protective buffers. Best management practices, including the installation of construction and silt fences, to clearly delineate the project area and prevent potential sedimentation or erosion of wetland habitats will be implemented.						
7b. Will the project impact wetlands? [help]						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know						
7c. Will the project impact wetland buffers? [help]						
<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? If yes, submit the wetland rating forms and figures with the JARPA package						
<input checked="" 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 and answer 7g. If No, or Not applicable, explain below why a mitigation plan should not be required. 						
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not applicable. The project does not directly impact the wetland or Snohomish County regulated buffer areas.						
7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [help]						
Not applicable						
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 ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)
Not Applicable						
<small>¹ 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.</small>						
<small>² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.</small>						
<small>³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.</small>						
<small>⁴ Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)</small>						
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]						
Not Applicable						
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]						
Not Applicable						

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 include implementation of the following BMPs as part of project construction to avoid or minimize any potential environmental impacts:

- The in-water project work will be conducted during the agency approved fish project work window as required for permit compliance
- A port-a-dam cofferdam and plastic apron will be installed to isolate the in-water project area and to prevent sedimentation of downstream aquatic habitat. A temporary dewatering discharge structure will be installed as a backup response system should its use be necessary. The structure will be erected on upland, approximately 300' east of the project area, within the pipeline ROW.
- Fish removal will follow the Washington Department of Transportation (WSDOT) Fish Exclusion Protocols and Standards (2009) (Attached). No block nets will be used as part of the action.
- Turbidity monitoring will be conducted for compliance with WAC 173-201A -Water Quality Standards for Surface Waters of the State of Washington.
- Project work will be limited to the project area and construction is to occur during dry stable conditions.
- All pollutants, including waste materials, would be handled and disposed of in a manner that does not cause contamination of storm water.
- Construction activities that have the potential to result in leaks or spills will be addressed in an Environmental Protection Plan that will be developed by the contractor and reviewed for acceptability. The plan would cover emergency spill response and containment procedures and notifications, as well as secondary containment requirements.
- To reduce the likelihood of any petroleum products, chemicals, or other toxic or deleterious materials from entering the water, fuel hoses, oil or fuel transfer valves and fittings would be checked regularly for drips or leaks, and shall be maintained and stored properly to prevent spills from shore-operated construction equipment into State waters. Equipment that utilizes vegetable-based hydraulic fluid and rubber mounted tires is preferred for projects conducted near or in-water.
- Compliance with SEPA mitigation requirements and those resulting from consultation with Snohomish County, WDFW, and USACE.

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 (Habitat Management Plan for Snohomish County) No Not applicable

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

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

The remediation of the exposed pipeline will improve public safety. The weir and bank stabilization measures have been designed to enhance fish habitat by mimicking existing gravel bars within the subject river reach. A large stump removed from the top of the bank in the project site will be installed as a large woody debris structure along the OHWM and anchored into the restored river bank and downstream constructed weir. Revegetation of the restored river bank with native willows is proposed to enhance shoreline temperature moderation functions in the long-term.

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

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Excavation	Wallace River	0 – 25' Waterward OHWM	30-days	254 cubic yards	2,855 square feet (0.06 acre)
Fill				310 cubic yards	
				Net Fill – 56 yds	
Excavation	Adjacent southeast river bank – all activities within 100-yr floodplain			388 cubic yards	122 linear feet along top of bank 1,700 square feet (0.04 acre)
Fill				186 cubic yards	
				Net Cut – 202 yds	

¹ 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.

² 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.

³ 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. [\[help\]](#)

All fill materials shall be acquired from a permitted facility or quarry. Boulders and stream gravel materials shall be free of overburden, spoils, shale and or organic material. Backfill shall consist of the same type, size distribution, composition and density of the native sediments/soils present in the channel or bank areas where work is being performed, or as directed by the engineer. Specifications and design conceptual drawings from the project engineer, Golder Associates, are included to supplement the project information.

Boulder and stream gravel materials shall meeting the following gradation requirements:

Boulders (Angular in shape, min. unit weight 165 LB/cf)		Stream Gravel (rounded – to sub-rounded)	
Percent passing	Size (inches)	Percent passing	Size (inches)
100	24-30	100	2-4
50	12-18	50	1-2
10	4-10	10	sand to 0.5

Each weir will consist of approximately 33 cubic yards of boulders. Approximately 175 cubic yards of gravel material will be placed over the boulders to create a natural gravel bar affect.

Coir fabric used in river bank restoration will be comprised of natural fibers and coir twines obtained from freshwater cured coconut husks. Installed coir lifts shall consist of a composite layer with an outer layer that encapsulates an inner layer of coir fabric. The minimum width of the outer layer coir fabric material shall be 28 oz/square yard as determined by ASTM D3775. Recommended material for the outer layer is biod-mat 90, manufactured by Rolanka international (<http://www.rolanka.com/index.asp?pg=biodocf30> or equivalent).

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. [\[help\]](#)

A small excavator will be utilized from a location landward of the OHWM to remove an estimated 642 cubic yards of combined sediments and soils from the project area. Approximatey 146 cubic yards of materials will be transported and disposed off-site at an authorized location.

Part 9-Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [help]			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
NOAA NMFS	Tom Sibley	(503) 230-5400	November 22, 2010
Snohomish County	Frank Scherf	(425) 388-3311	May 10, 2011
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]			
<ul style="list-style-type: none"> • 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/. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Category 5 – water temperature, Category 2 – PCB in tissue sample			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]			
<ul style="list-style-type: none"> • Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC. 			
17110009			
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]			
<ul style="list-style-type: none"> • Go to http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm to find the WRIA #. 			
15 - Skykomish			
9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]			
<ul style="list-style-type: none"> • Go to http://www.ecy.wa.gov/programs/wq/swqs/criteria.html for the standards. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable			
9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]			
<ul style="list-style-type: none"> • 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. 			
<input type="checkbox"/> Rural <input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input checked="" type="checkbox"/> Conservancy <input type="checkbox"/> Other <u>Military</u>			
9g. What is the Washington Department of Natural Resources Water Type? [help]			
<ul style="list-style-type: none"> • Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx for the Forest Practices Water Typing System. 			
<input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal			
9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]			
<ul style="list-style-type: none"> • If no, provide the name of the manual your project is designed to meet. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
9i. If you know what the property was used for in the past, describe below. [help]			
Hatchery operations have been occurring near or at the Wallace River site since the early 1900s.			

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. [\[help\]](#)

The Wallace River provides habitat for fall and summer Chinook (threatened), summer and winter steelhead (threatened) and Dolly varden/bull trout (threatened).

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. [\[help\]](#)

Additional fish species associated with the Wallace River include coho salmon, Fall chum, pink salmon, rainbow trout and resident cutthroat.

Part 10-SEPA Compliance and Permits

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

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

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

- For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html.

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

A SEPA determination is pending with Snohomish County (lead agency). The expected decision date is June 2011.

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

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 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. MA (initial)

By initialling 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. MA (initial)

MICHAEL C. AUBELE  5/10/11
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.

RECOM
JOHN GUENTHER  5/10/11
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.

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Property Owner Printed Name Property Owner Signature Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact The Governor's Office of Regulatory Assistance (ORA). People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341.
ORA publication number: ENV-019-09

