



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2}



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 THE WHITE SPACES BELOW.

Part 1—Project Identification

1. Project Name (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development) [help]
Covenant Living at the Shores

Part 2—Applicant

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

2a. Name (Last, First, Middle)			
Taflin, Joe			
2b. Organization (If applicable)			
Langan/Navix			
2c. Mailing Address (Street or PO Box)			
11235 SE 6 th St, Suite 150			
2d. City, State, Zip			
Bellevue, WA 98004			
2e. Phone (1)	2f. Phone (2)	2g. Fax	2h. E-mail
(425) 845-3829			Jotaflin@langan.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
- 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.

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 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)			
Pedersen, Niels			
3b. Organization (If applicable)			
Wetland Resources, Inc.			
3c. Mailing Address (Street or PO Box)			
9505 19 th Avenue SE, Suite 106			
3d. City, State, Zip			
Everett, WA 98208			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(425) 337-3174	()	(425) 337-3045	niels@wetlandresources.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.

4a. Name (Last, First, Middle)			
None			
4b. Organization (If applicable)			
Covenant Shores			
4c. Mailing Address (Street or PO Box)			
9150 Fortuna Drive			
4d. City, State, Zip			
Mercer Island, WA 98040			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
(206) 316-8042	()	()	

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 checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input type="checkbox"/> 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]			
9150 Fortuna Drive			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Mercer Island, WA 98040			
5d. County [help]			
King			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
NE ¼	7	24N	05E
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. (Use decimal degrees - NAD 83) 			
47.581855 N lat. / -122.214720 W long.			
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. 			
0724059016			
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)	
Not applicable			
5i. List all wetlands on or adjacent to the project location. [help]			
One wetland (Wetland A) is located in a maintained grass lawn near the lakeshore.			
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]			
The property is waterfront along Lake Washington.			
5k. Is any part of the project area within a 100-year floodplain? [help]			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know			

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

The site is developed with numerous residential structures and hardscape. Vegetation consists of maintained grasses, impervious surfaces, and ornamental landscaping.

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

The property is used as a retirement community.

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

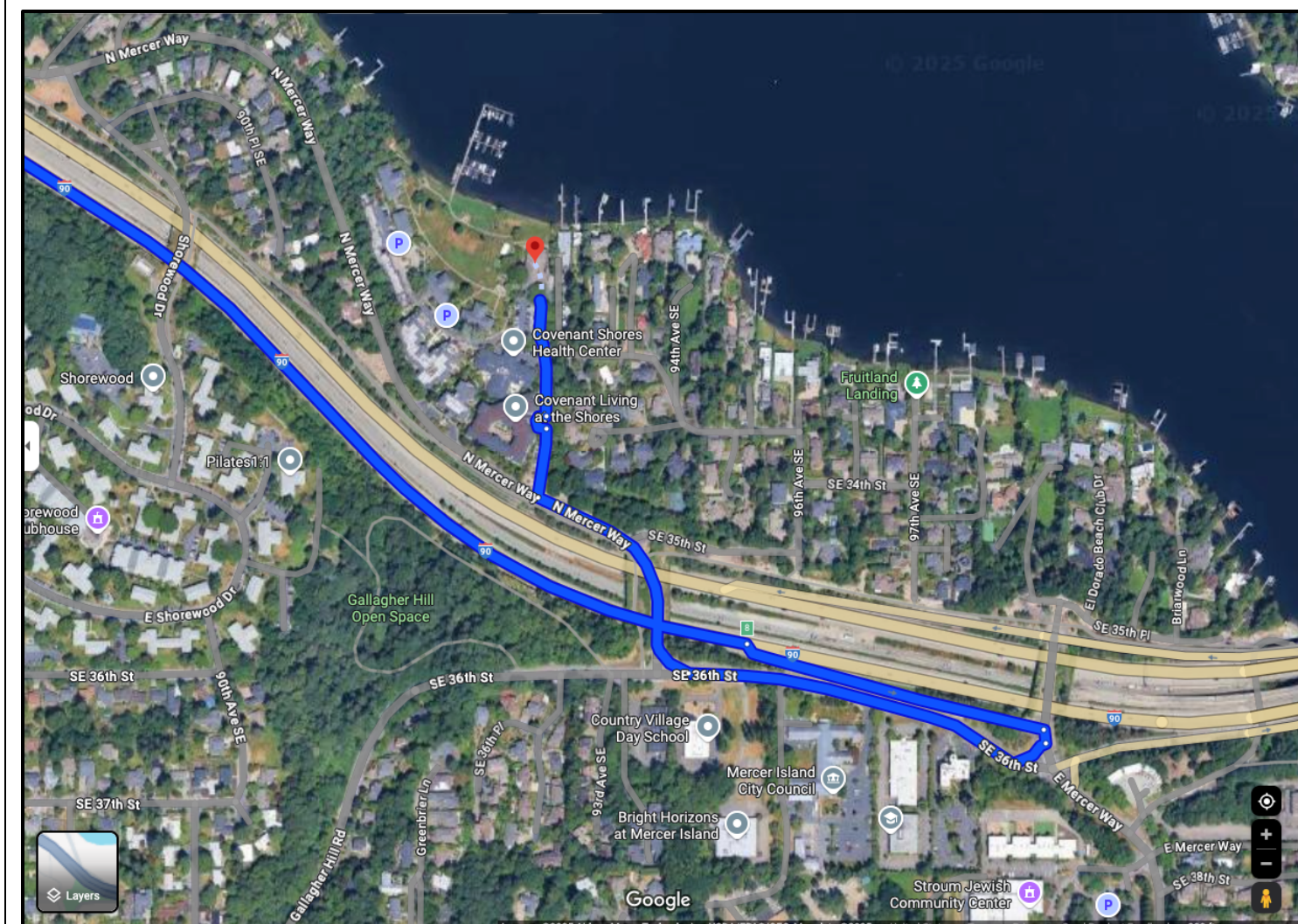
Adjacent uses are single-family residential or roads.

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

The site has several residential units, a health center and a community center (Fortuna Lodge). Current and proposed purpose is the same. Current condition is described as "average/good" by King County Dept. of Assessments.

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

Starting from I-90 Eastbound, take exit 8 for E Mercer Wy. Right on SE 36th St. Right on N Mercer Wy. Right on Fortuna Drive.



Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]			
The applicant proposes to reconstruct the Fortuna Lodge in approximately the same location. New and replacement impervious surfaces are needed to tie the new structure in with existing features. A new emergency turnaround is also proposed between the lake and the structure.			
6b. Describe the purpose of the project and why you want or need to perform it. [help]			
The structure is aging and the needs of the community have changed.			
6c. Indicate the project category. (Check all that apply) [help]			
<input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Institutional <input type="checkbox"/> Transportation <input type="checkbox"/> Recreational <input type="checkbox"/> Maintenance <input type="checkbox"/> Environmental Enhancement			
6d. Indicate the major elements of your project. (Check all that apply) [help]			
<input type="checkbox"/> Aquaculture <input type="checkbox"/> Bank Stabilization <input type="checkbox"/> Boat House <input type="checkbox"/> Boat Launch <input type="checkbox"/> Boat Lift <input type="checkbox"/> Bridge <input type="checkbox"/> Bulkhead <input type="checkbox"/> Buoy <input type="checkbox"/> Channel Modification	<input type="checkbox"/> Culvert <input type="checkbox"/> Dam / Weir <input type="checkbox"/> Dike / Levee / Jetty <input type="checkbox"/> Ditch <input type="checkbox"/> Dock / Pier <input type="checkbox"/> Dredging <input type="checkbox"/> Fence <input type="checkbox"/> Ferry Terminal <input type="checkbox"/> Fishway	<input type="checkbox"/> Float <input type="checkbox"/> Floating Home <input type="checkbox"/> Geotechnical Survey <input type="checkbox"/> Land Clearing <input type="checkbox"/> Marina / Moorage <input type="checkbox"/> Mining <input type="checkbox"/> Outfall Structure <input type="checkbox"/> Piling/Dolphin <input type="checkbox"/> Raft	<input type="checkbox"/> Retaining Wall (upland) <input type="checkbox"/> Road <input type="checkbox"/> Scientific Measurement Device <input type="checkbox"/> Stairs <input type="checkbox"/> Stormwater facility <input type="checkbox"/> Swimming Pool <input type="checkbox"/> Utility Line
<input checked="" type="checkbox"/> Other: Multi-Family Residential Development			
6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [help]			
<ul style="list-style-type: none"> Identify where each element will occur in relation to the nearest waterbody. Indicate which activities are within the 100-year floodplain. 			
An excavator will be used to demolish the existing lodge and infrastructure and grade the site. Typical construction equipment will be used to construct the new lodge, hardscape, and utilities. All work will occur at least 40 feet from the ordinary high water mark of the lake. All work is outside the 100-year floodplain.			
6f. What are the anticipated start and end dates for project construction? (Month/Year) [help]			
<ul style="list-style-type: none"> 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: March 2027		End date: July 2028	
<input type="checkbox"/> See JARPA Attachment D			
6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]			
\$30,000,000			
6h. Will any portion of the project receive federal funding? [help]			
<ul style="list-style-type: none"> If yes, list each agency providing funds. 			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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]						
<input type="checkbox"/> Not applicable						
All development is outside the wetland buffer (40-foot buffer required by City). Minor buffer averaging is proposed where a small portion of the emergency turnaround is within 40 feet of the wetland.						
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? [help]						
<ul style="list-style-type: none"> 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 checked="" type="checkbox"/> No <input type="checkbox"/> Not applicable						
No impacts are proposed and no mitigation is needed.						
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						
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. ² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package. ³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable. ⁴ 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: Not applicable						

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

No impacts to the aquatic environment will occur; work is at least 40 feet from Lake Washington.

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 Not applicable

No impacts proposed and no mitigation needed.

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan. [\[help\]](#)

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

Not applicable

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 (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Not applicable					

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. [\[help\]](#)

Not applicable.

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. [\[help\]](#)

Not applicable.

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
None			

9b. 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? [\[help\]](#)

- 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

Lake Washington is on the 303d list, but no water quality impairments are listed in the project vicinity.

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.

HUC 12: 171100120400 (Lake Washington-Sammamish River)

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

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

WRIA 8: Cedar-Sammamish

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: _____

<p>9g. What is the Washington Department of Natural Resources Water Type? [help]</p> <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.
<p><input checked="" type="checkbox"/> Shoreline <input checked="" type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal</p>
<p>9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]</p> <ul style="list-style-type: none"> If No, provide the name of the manual your project is designed to meet.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>The project will adhere to the currently required Ecology Drainage Manual.</p>
<p>9i. Does the project site have known contaminated sediment? [help]</p> <ul style="list-style-type: none"> If Yes, please describe below.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>9j. If you know what the property was used for in the past, describe below. [help]</p>
<p>The subject property has been in the same residential use since at least 1963.</p>
<p>9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]</p> <ul style="list-style-type: none"> If Yes, attach it to your JARPA package.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>9l. 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]</p>
<p>Chinook (<i>Oncorhynchus tshawytscha</i>), steelhead (<i>O. mykiss</i>), and bull trout (<i>Salvelinus confluentus</i>).</p>
<p>9m. 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]</p>
<p>Resident cutthroat (<i>Oncorhynchus clarkii</i>), Coho (<i>O. kisutch</i>), steelhead (<i>O. mykiss</i>)</p>

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 addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

<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 type="checkbox"/> A copy of the SEPA determination or letter of exemption is included with this application.</p>
<p><input checked="" type="checkbox"/> A SEPA determination is pending.</p>
<p><input type="checkbox"/> I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [help]</p>
<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>_____</p> <p><input type="checkbox"/> Other: _____</p>
<p><input type="checkbox"/> SEPA is pre-empted by federal law.</p>

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](#)

Effective July 10, 2012, 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.

Charge to billing account under agreement with WDFW. (Agreement # _____)

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 a 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:

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. _____ (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)

Joe Taflin

Applicant Printed Name



Applicant Signature

8/15/25

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.

Niels Pedersen

Authorized Agent Printed Name



Authorized Agent Signature

8/14/2025

Date

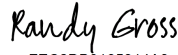
11c. Property Owner Signature (if not applicant). [\[help\]](#)

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.

Randy Gross

Property Owner Printed Name

Signed by:

Property Owner Signature

8/19/2025 | 3:41 PM CDT

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) 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 number: ENV-019-09 rev. 06-12