



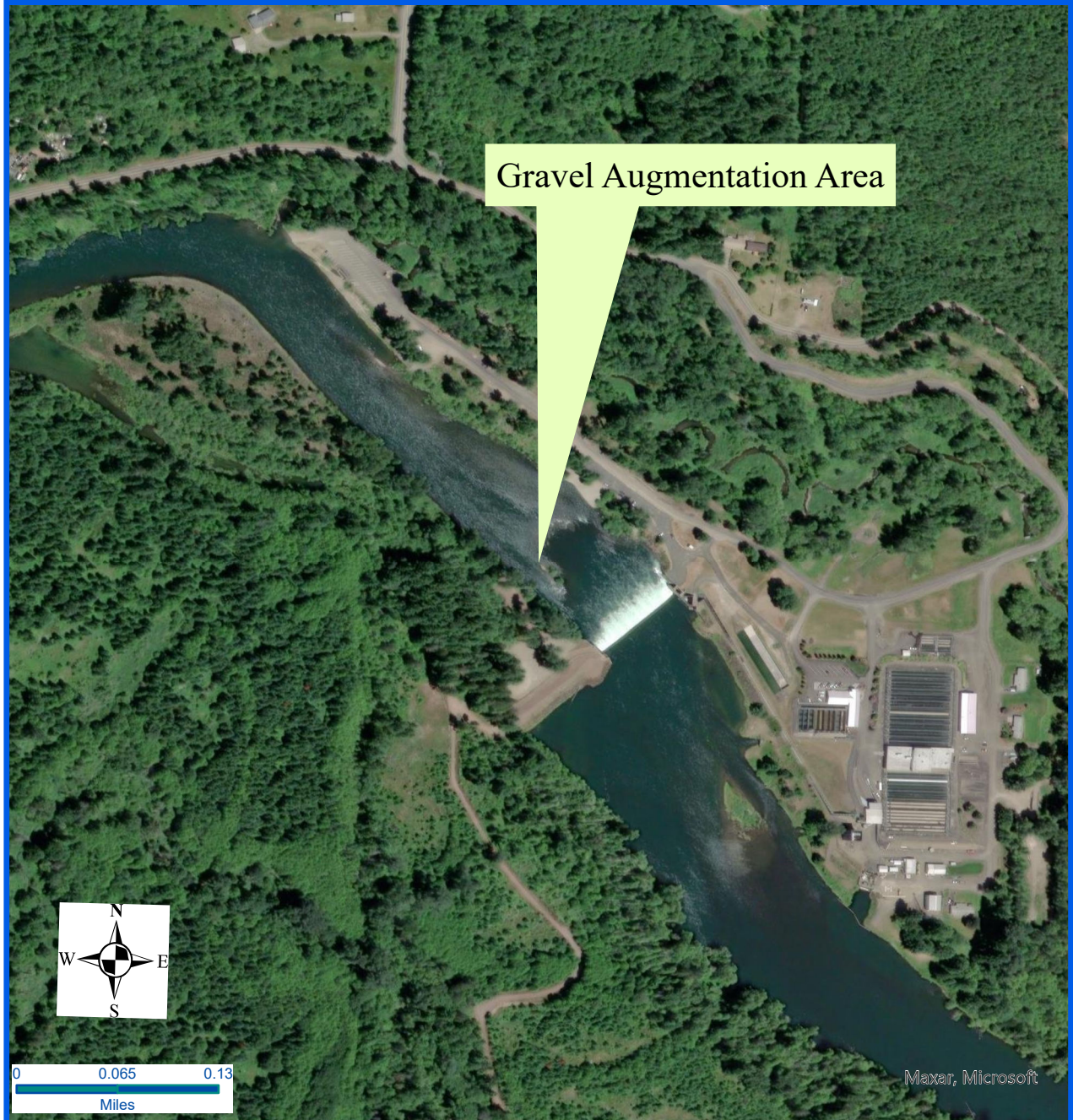
WASHINGTON STATE DEPT OF
**NATURAL
RESOURCES**

Application for Use of State-Owned Aquatic Lands

Applicant Name: Tacoma Public Utilities
County: Lewis County
Water Body: Cowlitz River
Type of Authorization - Use: License – Gravel Augmentation
Authorization Number: 23-107513
Term: 5 years

Description: This agreement will allow the use of State-owned aquatic lands for the sole purpose of gravel augmentation. It is located in the Cowlitz River, in Lewis County, Washington.

Tacoma Public Utilities
Authorization No. 23-107513
Authorized Use: Gravel Augmentation
Location: Cowlitz River, Lewis County



Vicinity Map

Every attempt was made to use the most accurate and current geographic data available. However, due to multiple sources, scales, and the currency of the data used to develop this map Washington Department of Natural Resources cannot accept responsibility for errors and omissions in the data. Furthermore, this data is not survey grade information and cannot be substituted for an official survey. Therefore, there are no warranties that accompany this material

Legal Description:
Section 24, Township 12 N, Range 1 E;
W.M.

Latitude: 46.51304N
Longitude: -122.63447W

Prepared By: RS Date: 06/24/2024



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2} [\[help\]](#)

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



US Army Corps of Engineers®
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

Part 1—Project Identification

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

Cowlitz River Gravel Augmentation Program

Part 2—Applicant

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

2a. Name (Last, First, Middle)

Caviness, Benjamin, Daniel

2b. Organization (If applicable)

Tacoma Public Utilities

2c. Mailing Address (Street or PO Box)

3628 S 35th St

2d. City, State, Zip

Tacoma, WA 98409

2e. Phone (1)

253-888-5412

2f. Phone (2)

2g. Fax

2h. E-mail

Bcaviness2@cityoftacoma.org

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.
- 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 for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.

Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [\[help\]](#)

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

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)			
Schwartz, Rick			
4b. Organization (If applicable)			
Washington State Department of Natural Resources			
4c. Mailing Address (Street or PO Box)			
601 Bond Road P.O. Box 280			
4d. City, State, Zip			
Castle Rock, WA 98611-0280			
4e. Phone (1)	4f. Phone (2)	4g. Fax	4h. E-mail
(360) 577-2025			rick.schwartz@dnr.wa.gov

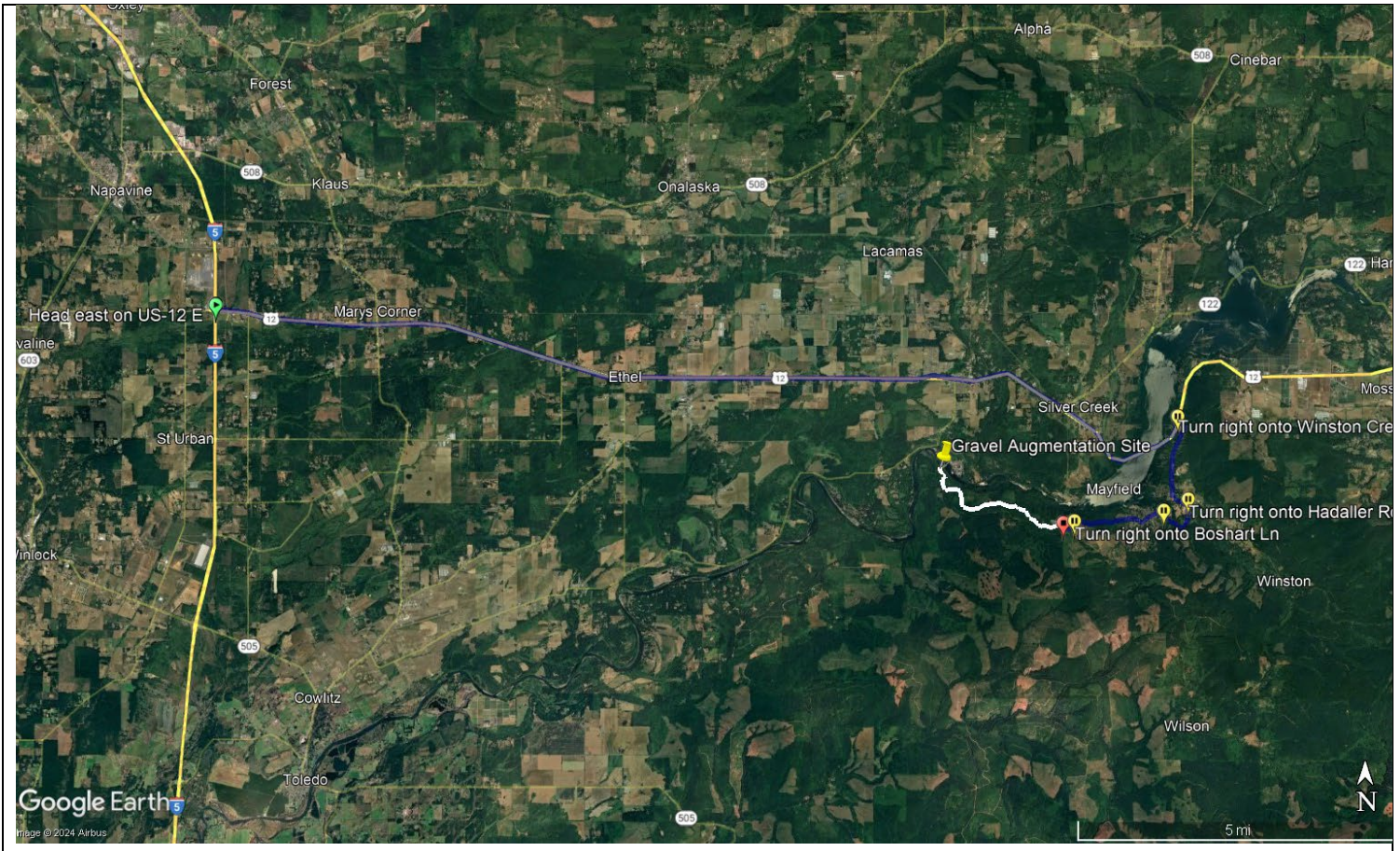
Part 5–Project Location(s)

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"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input checked="" 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]			
0 Evans Rd			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Salkum, WA 98582			
5d. County [help]			
Lewis			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
	24	12N	01 E
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) 			
46.512822 North Lat./ -122.635040 West 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. 			
028105000000			
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)	
Jorgensen Timber LLC	PO BOX 1503 Chehalis, WA 98532	028082000000	
State of Washington	PO BOX 47339 Olympia, WA 98504	028108000000	
Washington State Forest Board Resource Planning	PO Box 47014 Olympia, WA 98504-7014	028726000000	
City of Tacoma	PO BOX 11007 Tacoma, WA 98411	028727001000	

5i. List all wetlands on or adjacent to the project location. [help]
There are no wetlands within the project area.
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
This project will occur in and adjacent to the Cowlitz River
5k. Is any part of the project area within a 100-year floodplain? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
Vegetation includes deciduous and evergreen trees, shrubs, and grasses. Several fir and alder trees are located along the shorelines near the project site, but these will not be impacted. Staging areas are vegetated with grasses and forbs. Velvet grass, quack grass, orchard grass, red clover, hawksbeard, and common dandelion are the dominant species present. The forested area on the property is potentially habitat for birds (hawk, heron, eagle, songbirds, etc) and mammals (deer, bear, elk) while the Cowlitz River is potentially habitat for fish (bass, salmon, trout, herring, shellfish, etc) and mammals (beaver). The project area is located within the vicinity of the Barrier Dam in the Cowlitz River and the left banks (as looking downstream) will provide access and staging areas for this work. The area on the left bank consists of an earthen embankment with a flat graded area below it and undeveloped property with forest and shrub habitat.
5m. Describe how the property is currently used. [help]
The site is currently used to access the left bank area of the Cowlitz Barrier Dam and has been used the last several years to deliver gravel to the river in association with the Barrier Dam Repair project. The proposed project will not alter the current uses of the site.
5n. Describe how the adjacent properties are currently used. [help]
Adjacent properties are forest land with one parcel being used for private timber.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
The Cowlitz Barrier Dam's Left Bank Abutment is located onsite with a fish passage pathway just upstream of where work will occur.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
From I-5 exit 68 (Highway 12 east) drive 16.2 miles to Winston Creek Rd. Follow Winston Creek Road for 1.6 miles and turn right onto Hadaller road. Follow for 0.8 miles and take a slight left onto Lakeview Drive. After 1.6 miles turn right onto Boshart Lane. At the end of Boshart lane veer left onto the forest service road. In 0.5 miles take the first left. Follow for 1.55 miles. Take a left and follow for 0.65 miles.



Part 6–Project Description

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

In accordance with Cowlitz Hydroelectric Project (FERC No. 2016) Settlement Agreement License article 10 and the Cowlitz Gravel Augmentation Plan (2021), Tacoma Power is proposing annual placement of up to 1,500 cubic yards of spawning sized gravel (1/2 to 4-inch round rock) directly into the Cowlitz River. Gravel will be placed in the vicinity of the Barrier Island located immediately downstream of the Cowlitz Barrier Dam, near the left bank. Tacoma anticipates completing gravel augmentation annually for the remainder of the existing FERC license.

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

The Cowlitz Hydroelectric Project (FERC No. 2016) Settlement Agreement License Article 10 requires Tacoma Power to develop a plan for augmenting spawning gravel below the Barrier Dam. This plan was filed on March 17, 2004. Tacoma consulted with the Cowlitz Fisheries Technical Committee (FTC) from 2017 through 2023 on modifications to implementation of License Article 10. An updated approach was initiated in 2021. Tacoma Power plans to continue implementing Article 10 based on the approach described in a 2023 Supplement through the remainder of the license.

In 2024, Tacoma Power will implement a long-term strategy agreed to by the FTC in which at least 500 cubic yards of spawning gravel will be placed downstream of the Barrier Dam. By 2025, Tacoma will also place enough additional gravel to make up a 2,000 cubic yard deficit from not placing gravel in 2017-2020.

Tacoma will continue to place at least 500 cubic yards and up to 1,500 cubic yards of material until the Settlement Agreement License Article 10 requirements are fulfilled or the end of the Cowlitz Hydroelectric Project's FERC license.

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

- Commercial
 Residential
 Institutional
 Transportation
 Recreational
 Maintenance
 Environmental Enhancement

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

- | | | | |
|--|--|--|---|
| <input type="checkbox"/> Aquaculture
<input type="checkbox"/> 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 |
|--|--|--|---|

- Other: Gravel Placement/ Gravel Augmentation – Fish Spawning Habitat Enhancement

<p>6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [help]</p> <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.
<p>Up to 1,500 cubic yards of spawning sized gravel will be annually slung using a conveyor system, placed by front loader or excavator, or pushed below the ordinary high watermark by a dozer. Ground disturbance will be minimized as is practical.</p> <p>In 2021-2022 the staging area, roads, and storage areas were all developed during the Cowlitz Barrier Dam repair project. Tacoma will be utilizing the existing developed roads and stabilized work areas. The gravel will be commercially sourced and placed along the left bank of the Cowlitz River within 1 mile downstream of the Barrier Dam. Gravel will be placed in the vicinity of the Barrier Island located immediately downstream of the Barrier Dam near the left bank. Historically this area is largely wetted between 4,200 and 4,600 cfs, and almost entirely underwater at 6,500 cfs. Material will be placed waterward of the ordinary high watermark. Previous gravel placements (from 2021 through 2023) were associated with permitting for repair work on the Cowlitz Barrier Dam.</p>
<p>6f. What are the anticipated start and end dates for project construction? (Month/Year) [help]</p> <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. <p>Start Date: <u>July 15, 2024</u> End Date: <u>December 31, 2037</u> <input type="checkbox"/> See JARPA Attachment D</p>
<p>6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]</p>
<p>6h. Will any portion of the project receive federal funding? [help]</p> <ul style="list-style-type: none"> If yes, list each agency providing funds. <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know</p>

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

<p>7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]</p> <p><input checked="" type="checkbox"/> Not applicable</p>
<p>7b. Will the project impact wetlands? [help]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know</p>
<p>7c. Will the project impact wetland buffers? [help]</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know</p>
<p>7d. Has a wetland delineation report been prepared? [help]</p> <ul style="list-style-type: none"> If Yes, submit the report, including data sheets, with the JARPA package. <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- **If Yes**, submit the wetland rating forms and figures with the JARPA package.

Yes No Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 7g.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes No Don't know

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

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)

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: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

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

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

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

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

Not applicable

This project is being implemented to increase the amount of spawning sized gravel in the Cowlitz River. The Gravel will be slung into the river channel during the summer work window (June 1st – September 30th) in which migrating fish are not very present. The main entrance to the Cowlitz Salmon Hatchery Fish Ladder is on the right bank of the Cowlitz River, all gravel placement activities will occur on the left bank.

A Water Quality Protection plan will be submitted to the Department of Ecology as is required by Tacoma Power's 401 Water Quality Certification. This document outlines specific Best Management Practices that will be employed to prevent contamination of waters of the state.

8b. Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

Yes No

8c. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- **If Yes**, submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes No Don't know

A mitigation plan is not required because the project is not likely to adversely impact the Cowlitz River.

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. [\[help\]](#)

N/A

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
Gravel Augmentation	Cowlitz River	400 feet downstream of Barrier Dam	Permanent	Up to 1,500 cubic yards of spawning sized gravel, annually.	34,500 square feet (roughly 0.75 acres)

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. [\[help\]](#)

Gravel will be sourced from a local vendor and placed away from the bank and downstream of the barrier dam to minimize impact to tailwater at the barrier dam and flow near fish entrances.

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

N/A

8h. Have you prepared a Water Quality Monitoring Plan (WQMP) for all in-water work (below ordinary high water), over water work or discharges to waters of the state?

Yes No

If NO describe the monitoring that you will be conducting including parameters, equipment and locations, or explain why monitoring will not be necessary. [\[help\]](#)

A Water Quality Protection plan will be submitted to the Department of Ecology as is required by Tacoma Power's 401 Water Quality Certification. This document outlines specific Best Management Practices that will be employed to prevent contamination of waters of the state.

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
US Army Corps of Engineers	Jacalen Printz	206-764-6901	April 2024
WA Department of Natural Resources	Rick Schwartz	360-972-0923	May 2024
Lewis County	Karen Witherspoon	360-740-2637	May 2024

<p>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]</p> <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: https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d.
<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]</p> <ul style="list-style-type: none"> • Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC.
<p>17080005 – Lower Cowlitz</p>
<p>9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]</p> <ul style="list-style-type: none"> • Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #.
<p>WRIA #26 (Cowlitz)</p>
<p>9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]</p> <ul style="list-style-type: none"> • Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria for the standards.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable</p>
<p>9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]</p> <ul style="list-style-type: none"> • If you don't know, contact the local planning department. • For more information, go to: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases.
<p><input type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input checked="" type="checkbox"/> Other: <u>High Intensity</u></p>
<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/forest-practices-water-typing for the Forest Practices Water Typing System.
<p><input checked="" type="checkbox"/> Shoreline <input 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>Name of manual: <u>2019 Storm Water Management Manual for Western Washington</u></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 property has been used as access to the left bank of the barrier dam since it was constructed in 1968. The site was most recently used as a staging area for repairs on the barrier dam.</p>
<p>9k. Is the project located in or adjacent to a designated state or federal contaminated site or clean-up site. (e.g. MTCA or CERCLA)?</p> <ul style="list-style-type: none"> • If Yes, provide any additional details below.

Yes No

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

- **If Yes**, attach it to your JARPA package.

Yes No

9m. 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. [\[help\]](#)

Chinook Salmon (*Oncorhynchus tshawytscha*) – Lower Columbia River ESU
Chum Salmon (*Oncorhynchus keta*) – Columbia River ESU
Coho Salmon (*Oncorhynchus kisutch*) – Lower Columbia River ESU
Steelhead (*Oncorhynchus mykiss*) – Lower Columbia River DPS
Eulachon (*Thaleichthys pacificus*) – Southern DPS

Unlikely to be impacted:

Marbled Murrelet (*Brachyramphus marmoratus*)
Streak Horned Lark (*Eremophila alpestris strigata*)
Yellow-billed Cuckoo (*Coccyzus americanus*)

9n. 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. [\[help\]](#)

Coho Salmon - *Oncorhynchus kisutch* (Occurrence/Migration)
Chinook Salmon - *Oncorhynchus tshawytscha* (Occurrence)
Resident Coastal Cutthroat - *Oncorhynchus clarki* (Occurrence/Migration)
Winter Steelhead - *Oncorhynchus mykiss* (Breeding Area)
Steelhead - *Oncorhynchus mykiss* (Occurrence)
Fall Chinook - *Oncorhynchus tshawytscha* (Breeding Area)
Fall Chum - *Oncorhynchus keta* (Occurrence/Migration)
Chinook - *Oncorhynchus tshawytscha* (Occurrence)
Coho - *Oncorhynchus kisutch* (Occurrence)
Spring Chinook - *Oncorhynchus tshawytscha* (Occurrence/Migration)
Rainbow Trout – *Oncorhynchus mykiss* (Occurrence)
Cutthroat - *Oncorhynchus clarki* (Occurrence)
Northern Spotted Owl - *Strix occidentalis* (Management Buffer)
Rocky Mountain elk - *Cervus elaphus nelson* (Regular Concentration)

Part 10–SEPA Compliance and Permits

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

- Online Project Questionnaire at <http://apps.oria.wa.gov/opas/>.
- Governor's Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@oria.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

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

- For more information about SEPA, go to <https://ecology.wa.gov/regulations-permits/SEPA-environmental-review>.

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

A SEPA determination is pending with City of Tacoma (lead agency). The expected decision date is May 30, 2024.

<input type="checkbox"/> I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [help]
<input type="checkbox"/> This project is exempt (choose type of exemption below). <ul style="list-style-type: none"> <input type="checkbox"/> Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt? _____ <input type="checkbox"/> Other: _____
<input type="checkbox"/> 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: <ul style="list-style-type: none"> <input type="checkbox"/> Substantial Development <input type="checkbox"/> Conditional Use <input type="checkbox"/> Variance <input type="checkbox"/> Shoreline Exemption Type (explain): _____
Other City/County permits: <ul style="list-style-type: none"> <input type="checkbox"/> Floodplain Development Permit <input type="checkbox"/> Critical Areas Ordinance
STATE GOVERNMENT
Washington Department of Fish and Wildlife: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Hydraulic Project Approval (HPA) <input type="checkbox"/> Fish Habitat Enhancement Exemption – Attach Exemption Form
Washington Department of Natural Resources: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Aquatic Use Authorization Complete JARPA Attachment E and submit a check for \$25 payable to the Washington Department of Natural Resources. <u>Do not send cash.</u>
Washington Department of Ecology: <ul style="list-style-type: none"> <input type="checkbox"/> Section 401 Water Quality Certification <input type="checkbox"/> Authorization to impact waters of the state, including wetlands (Check this box if the proposed impacts are to waters not subject to the federal Clean Water Act)
FEDERAL AND TRIBAL GOVERNMENT
United States Department of the Army (U.S. Army Corps of Engineers): <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Section 404 (discharges into waters of the U.S.) <input type="checkbox"/> Section 10 (work in navigable waters)
United States Coast Guard: For projects or bridges over waters of the United States, contact the U.S. Coast Guard at: <ul style="list-style-type: none"> <input type="checkbox"/> Bridge Permit: D13-SMB-D13-BRIDGES@uscg.mil <input type="checkbox"/> Private Aids to Navigation (or other non-bridge permits): D13-SMB-D13-PATON@uscg.mil
United States Environmental Protection Agency: <ul style="list-style-type: none"> <input type="checkbox"/> Section 401 Water Quality Certification (discharges into waters of the U.S.) on tribal lands where tribes do not have treatment as a state (TAS)
Tribal Permits: (Check with the tribe to see if there are other tribal permits, e.g., Tribal Environmental Protection Act, Shoreline Permits, Hydraulic Project Permits, or other in addition to CWA Section 401 WQC)

Section 401 Water Quality Certification (discharges into waters of the U.S.) where the tribe has treatment as a state (TAS).

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. BC (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. BC (initial)

<u>Benjamin Caviness</u>	<u><i>Benjamin Caviness</i></u>	<u>5/21/2024</u>
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.

_____	_____	_____
Authorized Agent Printed Name	Authorized Agent Signature	Date

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

Not required if project is on existing rights-of-way or easements (provide copy of easement with JARPA).

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

_____	_____	_____
Property Owner Printed Name	Property Owner Signature	Date

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

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ORIA-16-011 rev. 09/2018



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



US Army Corps
of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____; Town
 Application Fee Received; Fee N/A
 New Application; Renewal Application
Type/Prefix #: _____; NaturE Use Code: _____
LM Initials & BP#: _____
RE Assets Finance BP#: _____
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 <http://www.dnr.wa.gov/programs-and-services/aquatics/leasing-and-land-transactions> 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/programs-and-services/aquatics/aquatic-districts-and-land-managers-map>. [\[help\]](#)
- 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. [\[help\]](#)

Use black or blue ink to enter answers in white spaces below.

1. Applicant Name (Last, First, Middle)	
Caviness, Benjamin Daniel	
2. Project Name (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development) [help]	
Cowlitz River Gravel Augmentation Program	
3. Phone Number and Email	
253-888-5412 bcaviness2@cityoftacoma.org	
4. Which of the following applies to Applicant? Check one and, if applicable, attach the written authority – bylaws, power of attorney, etc. [help]	
<input 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 checked="" type="checkbox"/> Government Agency <input type="checkbox"/> Other (Please Explain): _____

5. Washington UBI (Unified Business Identifier) number, if applicable: [help]
N/A
6. Are you aware of any existing or previously expired Aquatic Use Authorizations at the project location?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't know If Yes, Authorization number(s): _____
7. Do you intend to sublease the property to someone else?
<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, contact your Land Manager to discuss subleasing.
8. 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 Cowlitz Hydroelectric Project Settlement Agreement (SA) License Article 10 required Tacoma to develop a plan for augmenting spawning gravel below the Cowlitz Hydroelectric Dams. When Tacoma completed repairs on the barrier dam in 2021 and 2022 gravel was placed into the river from the left bank where gravel augmentation actions will continue to occur. In 2023 repairs on the barrier dam were complete and a gravel slinger was used to place 500 cubic yards of spawning sized gravel into the Cowlitz River. From 2024 until the end of the FERC license Tacoma will annually place up to 1,500 cubic yards of spawning sized gravel into the Cowlitz River.

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.

<p>Carrie Nelson</p> <hr/> <p>Printed Name Dept. of Natural Resources District Manager or Assistant Division Manager</p>	<p><i>Carrie Nelson</i></p> <hr/> <p>Signature Dept. of Natural Resources District Manager or Assistant Division Manager</p>	<p>06/17/2024</p> <hr/> <p>Date</p>
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