WASHINGTON STATE
Joint Aquatic Resources Permit Application (JARPA) Form[1,2] [help]

US Army Corps of Engineers
Seattle District

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

AGENCY USE ONLY

Date received:

Agency reference #: _____

Tax Parcel #(s): _____

_____

KITTITAS CO CDS
RECEIVED
07/29/2026

Part 1–Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]
Naneum Creek at river mile 3.75, McCullough Road Extension Fish Passage Project

Part 2–Applicant

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

2a. Name (Last, First, Middle)			
Lael, Anna			
2b. Organization (If applicable)			
Kittitas County Conservation District			
2c. Mailing Address (Street or PO Box)			
2211 W. Dolarway Rd. STE 4			
2d. City, State, Zip			
Ellensburg, WA 98926			
2e. Phone (1)	**2f. Phone** (2)	**2g. Fax**	**2h. E-mail**
(509) 925-3352			Anna.lael.kccd.net

[1]Additional 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.

[2]To access an online JARPA form with [help] screens, go to https://www.oria.wa.gov/jarpa-forms.

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)			
Poulsen, Ron			
4b. Organization (If applicable)			
POULSEN BROTHERS LLC			
4c. Mailing Address (Street or PO Box)			
3600 KITTITAS HWY			
4d. City, State, Zip			
ELLENSBURG, WA 98926			
4e. Phone (1)	**4f.** Phone (2)	**4g.** Fax	**4h.** E-mail
509-929-2331			ronfarmer@gmail.com

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]

☒ Private
☐ Federal
☐ Publicly owned (state, county, city, special districts like schools, ports, etc.)
☐ Tribal
☐ 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]

See 5f and 5p

5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]

Ellensburg, WA 98926

5d. County [help]

Kittitas

5e. Provide the section, township, and range for the project location. [help]

¼ Section	Section	Township	Range
NE and SE 1/4s	8	17N	19E

5f. Provide the latitude and longitude of the project location. [help]

- Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)

46.977893°, -120.480738°

5g. List the tax parcel number(s) for the project location. [help]

- The local county assessor's office can provide this information.

083936 and 11533

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)
MCCULLOUGH, ALICIA	PO BOX 3178 EDMONDS, WA 98020	732233
MOEN, CHRISTOPHER & LUANN	1141 MCCULLOUGH RD ELLENSBURG, WA 98926	582233
STATE OF WASH	7150 CLEANWATER LN OLYMPIA, WA 98504	903936

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

The USFWS National Wetlands Inventory does not show any wetlands on or adjacent to the project location. Naneum Creek is mapped as Riverine habitat.

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

Naneum Creek

5k. Is any part of the project area within a 100-year floodplain? [help]

☒ Yes ☐ No ☐ Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [help]

There are sparse trees in the project vicinity, primarily non-native crack willow. All vegetation disturbed during construction will be replaced with native vegetation that provide comparable or greater ecosystem function (trees will be replaced with trees, etc.). Commercial agriculture, typically planted in timothy hay, is produced in the fields surrounding the project site.

5m. Describe how the property is currently used. [help]

Generally, Naneum Creek flows north to south through the agricultural Kittitas Valley, and has been straightened and channelized along much of its length. At the project site, Naneum Creek has been made to flow west along the private extension of McCullough Rd for approximately 350 feet before taking a 90-degree turn southward, through a culvert, and under the road. This undersized culvert has created a partial fish passage barrier.

5n. Describe how the adjacent properties are currently used. [help]

Adjacent properties are currently irrigated agriculture and rural homesites.

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

The project site is on a private extension off of McCullough Road, a county road. It is a graveled, private road that provides access for one landowner to their agricultural fields and farming infrastructure. Throughout the project application, the private extension of McCullough Road may be called McCullough Road.

At the intersection of McCullough Road extension and Naneum Creek, riprap and chunks of concrete are piled on the right and left bank to redirect flow 90-degrees through a 60" corrugated metal culvert under McCullough Rd. WDFW determined the culvert creates a partial velocity barrier for fish passage. On the southern side of McCullough Road, an above-ground 12" PVC irrigation pipe delivers water across Naneum Creek by resting in a notch cut into the top of the culvert.

A small portion of the road shoulder was damaged during recent flooding where waters rose above the height of the culvert.

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

9 min (4.9 miles)

via Number 6 Rd

Fastest route, the usual traffic

722 Thrall Rd
Ellensburg, WA 98926

- Head northwest on I-82 W
  0.1 mi
- Take exit 3 for WA-821 S/Thrall Rd
  0.4 mi
- Turn left onto Thrall Rd
  151 ft
- Turn left onto Number 6 Rd
  3.6 mi
- Turn right onto McCullough Rd
  Destination will be on the left
  0.8 mi

Part 6–Project Description

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

The Kittitas County Conservation District (KCCD) in partnership with the Yakima Tributary Access and Habitat Program (YTAHP) proposes to restore full fish passage to the intersection of McCullough Road extension and Naneum Creek. At the project site, Naneum Creek is made to flow west along McCullough Rd before taking a 90-degree turn southward, through an undersized culvert underneath McCullough Rd. WDFW has determined this barrier to be only 33% passable due to high velocities.

The proposed project will replace the culvert with a 38', 3-sided precast concrete culvert, allowing full fish passage under the road. This will open up approximately 0.7 miles of habitat in Naneum Creek- up to its intersection with the Ellensburg Water Company's canal, another KCCD fish passage project site. The road and creek will be realigned to widen the approach angle of Naneum Creek as it flows under the road. Stream simulation material will be used to control the grade of the creek above and below the new road crossing. Large wood will be used to provide bank protection and coho-sized spawning gravels will be added to supplement this reach of Naneum Creek.

The project is funded by Washington State's Brian Abbot Fish Barrier Removal Board and Bonneville Power Administration (BPA). BPA is the federal lead agency for ESA Section 7 Consultation, NHPA Section 106 Consultation and NEPA compliance.

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

YTAHP and KCCD have been working to restore fish passage to Naneum Creek and nearby tributaries in Kittitas County for over two decades. Each project opens and enhances more habitat, with the goal of achieving fish passage up to the Naneum headwaters. This project directly contributes to the goal of expanding spawning and rearing habitat for ESA-listed Middle Columbia Steelhead in the Naneum Major Spawning Area (MSA) as defined by NOAA. Chinook and coho salmon are also known to use Naneum Creek as rearing habitat.

Naneum Creek is a tributary to Wilson Creek and then the Yakima River. As classified by WDFW's fish passage barrier surveys, there are not full fish passage barriers known to be downstream of the project. *O. mykiss*, spring Chinook and coho salmon have all been documented in reaches downstream. Restoring fish passage to allow all life stages of salmonids to effectively and safely utilize this reach of Naneum Creek is an important component of native salmonid recovery. The next fish passage barrier downstream is classified with an "unknown" percent passability, and its removal is also a KCCD-YTAHP project with full designs.

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]

☐ Aquaculture	☒ Culvert	☐ Float	☐ Retaining Wall (upland)
☐ Bank Stabilization	☐ Dam / Weir	☐ Floating Home	☒ Road
☐ Boat House	☐ Dike / Levee / Jetty	☐ Geotechnical Survey	☐ Scientific Measurement Device
☐ Boat Launch	☐ Ditch	☐ Land Clearing	☐ Stairs
☐ Boat Lift	☐ Dock / Pier	☐ Marina / Moorage	☐ Stormwater facility
☐ Bridge	☐ Dredging	☐ Mining	☐ Swimming Pool
☐ Bulkhead	☐ Fence	☐ Outfall Structure	☐ Utility Line
☐ Buoy	☐ Ferry Terminal	☐ Piling/Dolphin	
☐ Channel Modification	☐ Fishway	☐ Raft	

☒ Other: Culvert removal, roughened riffle for fish passage, road realignment, irrigation delivery pipe siphon, riparian planting

6e. Describe how you plan to construct each project element checked in 6d. 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 floodplain.

This project is covered under BPA's Habitat Improvement Program (HIP) Bi-Op. Construction will adhere to all applicable HIP conservation measures.

Timing- Instream work will be authorized by the Washington Department of Fish & Wildlife and will likely occur between the dates of October 1 and February 15 during the non-irrigation season. Staging of equipment and materials may begin September 15 and initial site restoration and revegetation will continue until April 30.

Staging Equipment- Prior to construction, the project site will be clearly flagged to identify sensitive areas, equipment entry and exit points, along with staging, storage, and stockpile areas. Staging areas will be on irrigated farmland and in an existing farm equipment storage yard approximately 175 feet from the creek. Material and equipment will be stored in this location during construction. The staging will always be more than 150 feet from the water's edge of Naneum Creek.

Equipment Limitations- In-channel work shall be accomplished using an excavator equipped with a "thumb", or equivalent piece of equipment. The equipment will operate from the bank and within the isolated section of the creek as much as possible. All equipment will be washed prior to entering the project area such that is clean of debris and petroleum products. Equipment will be in good working order and will be inspected daily for leaks. For phases of construction that require pumping, an adequately sized pump screen will be attached to ensure fish protection. The contractor will have a spill containment kit onsite at all times. Refueling and maintenance of equipment or vehicles will take place at a designated area that is a minimum of 150 feet away from the stream.

Aquatic Worksite Isolation- Coffer dams and a stream bypass will be installed, and work will occur in isolation from flowing water to minimize impacts to aquatic life and water quality. Diversion around the construction site may be accomplished with a coffer dam and a lined, non-erodible diversion ditch. The coffer dam and bypass will likely be in use between October 1 and February 15. Dissipation of flow energy at the bypass outflow will be provided to prevent damage to riparian vegetation and/or the existing stream channel. Sediment and erosion control BMPs will be implemented during all phases of construction. A WDFW biologist will lead fish rescue efforts and block nets will be installed to isolate fish from the work area.

Culvert Removal- The rip rap, road prism fill, irrigation delivery pipe, and culvert will be completely removed from the stream channel and banks. An excavator will be used for this work. All concrete and associated debris will be removed and either recycled or disposed of in an approved location outside of the 100-year floodplain. Erosion and sediment control BMPs will be implemented during all phases of construction. The design engineer and project manager will provide adequate construction oversight to ensure the conservation measures and BMPs are followed.

Installation of the Roughened Riffle and Large Wood- Streambed simulation material for the roughened riffle will incorporate both imported and native material. An inset floodplain will be built within the new channel to ensure adequate passage of flood flows. The new streambed will be pressure washed to fill the interstitial spaces between the rocks with fine sediments before the staged re-watering begins. Large wood will be placed using an excavator. The design engineer and project manager will provide adequate construction oversight to ensure the designs and conservation measures are followed.

3-sided Culvert Installation- All bridges are required to meet Washington Department of Fish and Wildlife's (WDFW) 2013 "Design of Road Culverts for Fish Passage" specifications and BPA's requirements within the Category 1f) Bridge and Culvert Removal and Replacement of BPA's HIP Handbook. The new 3-sided culvert is precast concrete and will likely be placed via excavators. Precast footings, wingwalls and headwalls will be installed per the culvert manufacturer's recommendations. Existing fill and gravel alluvium excavated during the culvert removal will be reused along with new imported fill material from a local quarry.

Irrigation Delivery Siphon- A siphon using a 10" pipe will convey irrigation water under the creek to the field west of the creek, connecting to the existing line on either side of the creek. The siphon has been designed to comply with BPA HIP requirements.

Spawning gravel- Spawning gravels appropriately sized for coho salmon will be provided by Yakama Nation and be placed in the completed stream channel with a specialized conveyor belt attachment on a dump truck that the Nation operates as part of their spawning gravel supplementation project. The clean spawning gravels may also be placed by the contractor using an excavator.

Site Restoration and Revegetation- Upon project completion, all disturbed areas will be cleaned up. A robust planting of native trees and shrubs will occur in the riparian area. Reimbursement for seed costs will be provided to the landowner to remediate agricultural areas impacted by staging and construction. Erosion control seed mix will be spread in disturbed areas and weed free straw mulch (or equivalent) will be used to minimize short term erosion. Erosion control fabric will be installed on the disturbed areas of the creek banks. An appropriate seed mixture will be formulated to replace any agricultural areas disturbed by the project.

Project Monitoring- The design engineer will provide adequate construction oversight. Over time, KCCD and Yakima Tributary Habitat and Access Program (YTAHP) participants will complete routine inspections to ensure the site is functioning as designed and to maintain riparian plantings for at least three years post implementation.

6f. What are the anticipated 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: October 1, 2026 End Date: May 30, 2029 ☐ See JARPA Attachment D

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

$620,000

6h. Will any portion of the project receive federal funding? [help]

- **If yes,** list each agency providing funds.

☒ Yes ☐ No ☐ Don't know

Bonneville Power Administration

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]

☒ Not applicable

7b. Will the project impact wetlands? [help]

☐ Yes ☒ No ☐ Don't know

7c. Will the project impact wetland buffers? [help]

☐ Yes ☒ No ☐ Don't know

7d. Has a wetland delineation report been prepared? [help]

- **If Yes**, submit the report, including data sheets, with the JARPA package.

☐ Yes ☒ No

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

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

☐ Yes ☐ No ☐ Don't know

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

- **If Yes**, submit the plan with the JARPA package 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

All work will adhere to applicable Federal, State, and local conservation measures and numerous best management practices will be applied to minimize disturbance and protect natural resources. The work will be timed to occur during low stream flow when sensitive species and life stages are not likely to be present in the work area- as determined by WDFW. Worksite preparation, isolation, construction, and cessation of work will follow HIP conservation measures (Chapter 3). All disturbed areas will be restored, and a native riparian buffer will be planted throughout the work area.

The project is proposed, funded, and designed as a fish passage restoration project. The project will initiate long-term, beneficial impacts to the affected environment and immediately eliminate a partial fish passage barrier, making available nearly 0.7 mile of habitat.

There will be temporary disturbance due to implementation, but these short-term impacts are outweighed by the long-term restoration benefits of the project.

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

The project is proposed, funded, and designed as a fish passage and habitat enhancement project. The project will initiate long-term beneficial impacts to the affected environment and immediately eliminate a partial fish passage barrier while improving habitat at the site. KCCD has been addressing fish passage, fish screening, and riparian habitat in the Kittitas Valley since 2003.

Implementation will accomplish the following:

- Removal of a partial fish passage barrier in Naneum Creek
- Construction of the new roughened riffle channel
- Installation of a new, fish passable culvert over Naneum Creek
- Installation of irrigation siphon
- Installation of large woody debris to improve the instream habitat complexity
- Placement of coho-sized spawning gravels
- Planting of native riparian species to diversify the riparian ecosystem

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]

For 20 years, the Yakima Tributary Access and Habitat Program (YTAHP) has been successful at working with public entities and private landowners to remove fish passage barriers, screen irrigation diversions and restore habitat.

Since 2003, YTAHP has restored fish passage to >240 stream miles, screened ~336cfs of flow, and revegetated over 218 acres and 15 miles of streambank. This project will contribute to YTAHP's accomplishments.

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
Removal of existing culvert and associated fill	Naneum Creek	Bed and bank	Permanent	Cut: 71 Fill: 0 CY	902 sq ft
Temporary bypass channel	Naneum Creek	Banks	Temporary	Cut: 10 CY Fill: 0 CY	60 sq ft.
Construction of new 3-sided culvert and footings	Naneum Creek	Banks	Permanent	Cut: 230 CY, Fill: 8 CY	620 sq ft
Installation of roughened riffle	Naneum Creek	Bed and bank	Permanent	Cut: 215 CY Fill: 420 CY	8595 sq ft
Large wood	Naneum Creek	bank	Permanent	Cut:0 CY Fill: 9 CY	160 sq ft.

Spawning gravel	Naneum Creek	Bed and bank	Permanent	Cut: 0 CY, Fill: 3 CY	98 sq ft
Irrigation siphon	Naneum Creek	Bed and banks	Permanent	Cut: 10 CY Fill: 10	114 sq ft

[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]

Construction of new 3-sided culvert and footings- 8 CY of fill consist of the concrete footings for the new culvert. Note that 230 CY of fill is included with item "Installation of roughened riffle" to capture the new channel constructed through the culvert.

Installation of roughened riffle- 420 CY of locally sourced stream simulation material will be used in the construction of the roughened riffle. The material, consisting of cobble and fines, will be installed in 1' lifts with sluicing occurring between each lift to incorporate the fines.

Large wood- 9 CY of large wood will be installed using excavators with a thumb into the channel banks. The trunks will be buried while the root wads will be exposed to provide bank protection.

Spawning gravel- 3 CY of spawning gravel will be placed in the channel on top of the roughened riffle to provide coho spawning substrate. A modified dump truck with a conveyor belt arm will place gravel. The truck will be operated by Yakama Nation. Alternatively, the gravel may be provided by Yakama Nation and later placed by the construction contractor.

Irrigation siphon- 10 CY of native fill and siphon pipe will be replaced during the installation of the irrigation siphon. Excavators will be used to remove the fill and place the siphon pipe.

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]

Removal of existing culvert and associated fill- 71 CY of fill, culvert, and surrounding road prism will be removed and either incorporated into the new road prism or disposed of at an appropriate location off-site.

Temporary bypass channel- 10 CY of fill will be removed from the banks of the channel with an excavator to construct the temporary bypass channel.

Construction of new 3-sided culvert and footings- 230 CY of fill will be removed from the bed and banks of the creek with excavators and other equipment to prep the area for the channel construction under the new culvert.

Installation of roughened riffle- 215 CY will be removed from the stream bed and banks via excavator and other equipment to prepare for the construction of the new channel. Material may be reused in the construction of the new channel. Note that 230 CY of cut is included with item "Installation of New 3-sided culvert and footings" due to the proposed channel being constructed through the culvert.

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]

This project will follow the HIP Biological Opinion General Conservation Measures during construction. The stream will be in a temporary bypass, allowing construction activities to occur in isolation from flowing water.

Temporary erosion controls will be in place before any significant alterations of the project site occur. They will be appropriately installed downslope of the project activity within the riparian buffer area until site rehabilitation is complete. Sediment barriers will be installed and maintained for the duration of project implementation. Temporary erosion control measures may include fiber wattles, silt fences, jute matting, wood fiber mulch and soil binder, or geotextiles and geosynthetic fabric. Long term erosion control will be accomplished by a robust riparian revegetation planting plan, including native grasses for soil stability. The HIP's staged rewatering plan and conservation measures will be followed.

During construction, turbidity will be measured following the HIP turbidity measuring protocol, which can be found in Chapter 3, Section 3.3 of the HIP manual. The project sponsor will submit the turbidity monitoring report to BPA. Project operations will cease if allowable water quality levels are exceeded as defined by the HIP, CWA 404 or CWA 401.

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
Washington Department of Fish & Wildlife	Emma Olney, Yakima Tributary Access & Habitat Program Habitat Biologist	(509) 424-1099	July 2026
	Jen Nelson, Area Habitat Biologist	(509) 961-6639	
	Casey Costello, Fish Passage Biologist	(360) 870-6666	
Bonneville Power Administration (BPA)	Brenda Aguirre, Environmental Protection Specialist	(503) 230-5928	July 2026
	Shannon McNamara, Archaeologist	(503) 230-3819	July 2026

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: https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d.

☒ Yes ☐ No

Upstream and downstream of the project site, Naneum Creek is identified on the 303(d) list for temperature.

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.

HUC12: 170300010408

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

- Go to https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up to find the WRIA #.

WIRA 39

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]

- Go to https://ecology.wa.gov/Water-Shorelines/Water-quality/Freshwater/Surface-water-quality-standards/Criteria 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: https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Shoreline-coastal-planning/Shoreline-laws-rules-and-cases.

☐ Urban ☐ Natural ☐ Aquatic ☒ Conservancy ☐ Other: _____

9g. What is the Washington Department of Natural Resources Water Type? [help]

- Go to http://www.dnr.wa.gov/forest-practices-water-typing for the Forest Practices Water Typing System.

☒ Shoreline ☐ Fish ☐ Non-Fish Perennial ☐ Non-Fish Seasonal

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

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

☒ Yes ☐ No

Name of manual: 2024 Stormwater Management Manual for Eastern Washington

9i. Does the project site have known contaminated sediment? [help]

- **If Yes**, please describe below.

☐ Yes ☒ No

9j. If you know what the property was used for in the past, describe below. [help]

The property has been in agriculture since at least the 1940s.

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)?

- **If Yes**, provide any additional details below.

☐ Yes ☒ No

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

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

☒ Yes ☐ No

BPA will complete NHPA 106 Consultation.

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]

Middle Columbia River Steelhead
Columbia River Bull Trout

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]

Middle Columbia River Steelhead
Columbia River Bull Trout
Rainbow Trout
Coho Salmon
Chinook Salmon
Riparian Habitat
Instream Habitat

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 _____ (lead agency). The expected decision date is _____.

☒ 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 – Attach Exemption Form

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

☐ 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):

☒ Section 404 (discharges into waters of the U.S.) ☐ 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:

☐ Bridge Permit: D13-SMB-D13-BRIDGES@uscg.mil

☐ Private Aids to Navigation (or other non-bridge permits): D13-SMB-D13-PATON@uscg.mil

United States Environmental Protection Agency:

☐ 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. _____ (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)

Anna Lael		7/8/26
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.

Ron Poulsen		7-8-26
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