

Agency Reference #:
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Washington State JOINT AQUATIC RESOURCES PERMIT APPLICATION (JARPA) Form



Step 1: Get Ready	Step 2: Complete Form	Step 3: Check Work	Step 4: Copy and Send In
Go to www.epermitting.org for correct form and instructions .	Use black ink . Check correct permit boxes.	Use internet " Help " buttons to answer questions completely.	Use final review checklist at www.epermitting.org .
			See JARPA Contacts at www.epermitting.org for correct mailing addresses.

Fish Habitat Enhancement Projects per RCW 77.55.181. You must submit copy of completed JARPA form and Fish Habitat Enhancement JARPA Addition to your Local Government Planning Dep't and WA Dep't of Fish and Wildlife (WDFW) Area Habitat Biologist on same day. Note for Local Governments: You must submit comments to WDFW within 15 working days.

Based on instructions at www.epermitting.org, I am sending copies of this application to the following: (check all that apply)

- Local Government for Shoreline: [Substantial Development](#) [Conditional Use](#) [Variance](#) Exemption Revision
 [Floodplain Management](#) Critical Areas Ordinance
- Washington Department of Fish and Wildlife for [Hydraulic Project Approval](#) (Submit 2 copies to WDFW Region)
 Washington Department of Ecology for [401 Water Quality Certification](#) (to Regional Office-Federal Permit Unit)
 Washington Department of Natural Resources for [Aquatic Resources Use Authorization Notification](#)
 Corps of Engineers for: [Section 404](#) permit [Section 10](#) permit
 Coast Guard for: [General Bridge Act Permit](#) [Private Aids to Navigation](#) (for non-bridge projects)
 For Department of Transportation projects only: This project will be designed to meet conditions of the most current Ecology/Department of Transportation Water Quality Implementing Agreement

PROJECT TITLE:

Spears Unit Rehabilitation and Maintenance

PROJECT DESCRIPTION:

Portions of the Channel "A" dike will be removed to allow impounded water to flow into Channel "A". No work will occur below ordinary high-water mark. Additionally, a field ditch connecting to Spears Creek will be cleaned out to facilitate drainage. These activities are being conducted to facilitate wet soil management for optimal wildlife habitat.

SECTION A - Use for all permits covered by this application. Be sure to ALSO complete Section C (Signature Block) for all permit applications.

help 1. APPLICANT
 Washington Department of Fish & Wildlife – Cowlitz Wildlife Area
 MAILING ADDRESS
 PO BOX 758, Morton, WA 98356

WORK PHONE 360.496.6223	E-MAIL ADDRESS grabsmjg@dfw.wa.gov	HOME PHONE 360.269.1622	FAX # 360.496.6223
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If an agent is acting for the applicant during the permit process, complete #2. Be sure agent signs Section C (Signature Block) for all permit applications

help 2. AUTHORIZED AGENT

MAILING ADDRESS

WORK PHONE	E-MAIL ADDRESS	HOME PHONE	FAX #
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help 3. Relationship of applicant to property: OWNER PURCHASER LESSEE Manager

help 4. Name, address and phone number of property owner(s) if other than applicant:
 Tacoma Power, 3628 SO 35th ST, Tacoma WA, 98409-3192 (253.502.8362)

help 5. Location (street address, including city, county and zip code, where proposed activity exists or will occur)
help Local government with jurisdiction (city or county) Lewis County

help Waterbody you are working in: Channel A & unnamed ag ditch	help Tributary of Cowlitz River	help WRIA # 26
help Is this waterbody on the 303(d) List <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, what parameter(s)?	help Shoreline designation None	
	help Zoning designation 81 Ag not cultivated	
¼ Section entire section	Section 21	Township 12 N
Range 07 E	Government Lot	help DNR stream type if known F

6. Describe (a) the current use of the property, (b) structures existing on the property, and (c) existing environmental conditions. Have you completed any portion of the proposed activity on this property? YES NO For any portion of the proposed activity already completed on this property, indicate month and year of completion.

The properties were purchased to meet Tacoma Power’s mitigation requirements under their FERC license and no structures exist on the properties. The properties were selected because of its potential to provide optimal wetland habitat and forage pastures for wildlife though it currently is an emergent wetland dominated by reed canarygrass. The property has a long history of agricultural use for hay production and cattle grazing. The reed canarygrass has formed a floating mat on over 3 feet of backwater that is surmised to have been caused by the Channel “A” dike having disconnected the natural hydrology of the site.

The ditch cleanout location is on an agricultural ditch that drains groundwater from the adjacent forage fields into Siler Creek. The ditch is not a “channelized” stream however, it is assumed that fish could be present.

Is the property agricultural land? YES NO Are you a USDA program participant? YES NO

7a. Describe the proposed work that needs aquatic permits: Complete plans and specifications should be provided for all work waterward of the ordinary high water mark or line, including types of equipment to be used. If applying for a shoreline permit, describe all work within and beyond 200 feet of the ordinary high water mark. If you have provided attached materials to describe your project, you still must summarize the proposed work here. Attach a separate sheet if additional space is needed.

- 1. The project to remove portions of the berm paralleling the southeast bank of Channel “A” would involve installing temporary erosion control measures and removal of portions of the existing berm. The first stage of construction would involve installing silt fences along the perimeter of the removal areas. A silt fence would be installed at the OHWM along the south bank of Channel “A” and as well as a silt fence in the emergent wetland that is south of the berm. A track hoe and dump truck would be used to excavate portions of the existing berm and remove this fill material to the old mill portion of the Spears Unit just off SR 131.

Due to the high groundwater table and saturated soils this excavation work will occur during the late summer and may be restricted to higher ground elevations on the site. Reconfiguring the channel to establish meanders by abandoning portions of the existing channel and creating and linking new segments to the old channel is proposed as a future project once natural hydraulic function between the backwater wetland and Channel “A” is returned. This would give the straightened channel more sinuosity and provide a more fish friendly habitat.

- 2. Proposed, **as a separate small project**, is a project to clean out the agricultural ditch that drains groundwater from the adjacent forage fields into Siler Creek. This work would be done using a track hoe to remove sediment and vegetation that has filled in the ditch over time. It is expected that subsurface groundwater may drain into the ditch as the ditch is excavated. This work would be done during late summer when the groundwater is at a minimum and the ditch is dry. Placing hay bails where the ditch and the creek connect will control sediment delivery to Siler Creek. The ditch will not be connected to Siler Creek until any trapped water reaches acceptable turbidity levels. As noted above under water type this ditch does connect to a DNR “F” type stream. However, by waiting until late summer the ditch will be dry and absent of fish. Proper grading will be ensured to prevent any future fish entrapment issues. The excavated spoils would be broadcast back onto the adjacent agricultural field and reincorporated back into the soil medium.

PREPARATION OF DRAWINGS: See sample drawings and guidance for completing the drawings. **ONE SET OF ORIGINAL OR GOOD QUALITY REPRODUCIBLE DRAWINGS MUST BE ATTACHED.** NOTE: Applicants are encouraged to submit photographs of the project site, but these DO NOT substitute for drawings. **THE CORPS OF ENGINEERS AND COAST GUARD REQUIRE DRAWINGS ON 8-1/2 X 11 INCH SHEETS. LARGER DRAWINGS MAY BE REQUIRED BY OTHER AGENCIES.**

7b. Describe the purpose of the proposed work and why you want or need to perform it at the site. Please explain any specific needs that have influenced the design.

The southern berm of “Channel A”, created from historic management activities, is creating a *de facto* dike that is acting to disrupt natural hydrology by impounding and maintaining artificially high water over most of the central portion of the area. Surveys of “Channel A” show a gradient drop of six inches over 1800 feet of channel and a bottom composition of fine sands and silt. 200’ downstream of the unit where hydraulic function is more natural there is gravels visible and riffle-pool sequences. It is necessary to partially dewater the area lying east and south of “Channel A” to restore the natural hydrology and a more diverse vegetation community. Portions of the berm that are left in place would provide opportunities to establish a broader range of vegetation community types in the riparian corridor. This project is part of a larger restoration plan to restore the site to more natural historic conditions and provide a hydrologic regime that would protect water quality and provide optimal habitat for fish and wildlife resources. Flooding to neighboring properties most likely will be lessened.

Cleaning the agricultural ditch that drains to Siler Creek will facilitate managing the fields as wildlife forage fields through standard agricultural and wet soil management practices.

help 7c. Describe the potential impacts to characteristic uses of the water body. These uses may include fish and aquatic life, water quality, water supply, recreation and aesthetics. Identify proposed actions to avoid, minimize, and mitigate detrimental impacts and provide proper protection of fish and aquatic life. Identify which guidance documents you have used. Attach a separate sheet if additional space is needed.

As noted, all waters affected are DNR type "F". Fish are known to be present and where water presence is not seasonal fish can be expected at all times. Silt fences will be utilized to maintain water quality. All work will be conducted outside the OHWM or when channels are dry to ensure no impacts to fish by entrapment or dewatering. By maintaining a consistent gradient when modifications are made to existing ditch conditions fish entrapment issues will be eliminated. Timing the project to late summer will ensure that water levels are at their lowest and agricultural ditches will be dry facilitating all efforts to maintain water quality and no impacts to fish or other resources. No characteristic uses of this water body are known that would be affected by this project. Nor would there be any off-site impacts to neighboring properties though it is hypothesized that seasonal winter flooding to neighboring properties will be lessened by this project. It may appear that partial dewatering of the wetland is a negative impact but it should be noted that we are essentially removing surface water not groundwater and "seasonal inundation" will still occur. This project will have no negative impacts and will provide positive benefits to the environment, fish and wildlife resources and those who use or live adjacent to the property.

help 7d. For in-water construction work, will your project be in compliance with the State of Washington water quality standards for turbidity (WAC 173-201A-410)? YES NO

help 8. Will the project be constructed in stages? YES NO
 Proposed starting date: August 1 to Sept 30, 2009
 Estimated duration of activity: 2 months but, due to the possibility of wet weather and the inability to get equipment onto the project site, a completion window of two years is being projected.

help 9. Check if any temporary or permanent structures will be placed:
 Waterward of the ordinary high water mark or line for fresh or tidal waters AND/OR
 Waterward of the mean higher high water for tidal waters?

help 10. Will fill material (rock, fill, bulkhead, or other material) be placed:
 Waterward of the ordinary high water mark or line for fresh waters?
 If YES, VOLUME (cubic yards) / AREA (acres)
 Waterward of the mean higher high water for tidal waters?
 If YES, VOLUME (cubic yards) / AREA (acres)

help 11. Will material be placed in wetlands? YES NO
 If YES:
help A. Impacted area in acres:
help B. Has a delineation been completed? If YES, please submit with application. YES NO
help C. Has a wetland report been prepared? If YES, please submit with application YES NO
help D. Type and composition of fill material (e.g., sand, etc.)
help E. Material source:
help F. List all soil series (type of soil) located at the project site, and indicate if they are on the county's list of hydric soils. Soils information can be obtained from the natural Resources Conservation Service (NRCS).
help G. WILL PROPOSED ACTIVITY CAUSE FLOODING OR DRAINING OF WETLANDS? YES NO
 If YES, IMPACTED AREA IS _____ ACRES OF DRAINED WETLANDS.

NOTE: If your project will impact greater than 1/10 of an acre of wetland, submit a mitigation plan to the Corps and Ecology for approval along with the JARPA form.
 NOTE: A 401 water quality certification may be required from Ecology in addition to an approved mitigation plan if your project wetland impacts are greater than 1/10 acre in size. Please submit the JARPA form and mitigation plan to Ecology for 401 certification review.

help 12. Stormwater Compliance: This project is (or will be) designed to meet ecology's most current stormwater manual, or an Ecology approved local stormwater manual. YES NO
 If YES – Which manual will your project be designed to meet?
help If NO – For Clean Water Act Section 401 and 404 permits only – Please submit to Ecology for approval, along with this JARPA application, documentation that demonstrates the stormwater runoff from your project or activity will comply with the water quality standards, WAC 173-201(A)

help 13. Will excavation or dredging be required in water or wetlands? YES NO

If **YES**:

- A. Volume: 100 (cubic yards) /area (acre)
- B. Composition of material to be removed: Native hydric soils from adjacent agricultural fields
- C. Disposal site for excavated material: On-site
- D. Method of dredging: Trackhoe will deposit spoils into adjacent agricultural field to be reincorporated by disking. Trackhoe will work from the ditch bank.

help 14. Has the State Environmental Policy Act (SEPA) been completed YES NO
 SEPA Lead Agency: Washington Department of Fish & Wildlife
 SEPA Decision: DNS, MDNS, EIS, Adoption, Exemption Decision Date (end of comment period)
SUBMIT A COPY OF YOUR SEPA DECISION LETTER TO WDFW AS REQUIRED FOR A COMPLETE APPLICATION

help 15. List other Applications, approvals or certifications from other federal, state or local agencies for any structures, construction discharges or other activities described in the application (i.e. preliminary plat approval, health district approval, building permit, SEPA review, federal energy regulatory commission license (FERC), Forest practices application, etc.). Also, indicate whether work has been completed and indicate all existing work on drawings. NOTE: For use with Corps Nationwide Permits, identify whether your project has or will need an NPDES permit for discharging wastewater and/or stormwater.

TYPE OF APPROVAL	ISSUING AGENCY	IDENTIFICATION NO.	DATE OF APPLICATION	DATE APPROVED	COMPLETED?
HPA	WDFW	490			
Shorelines Exemption	Lewis County				
CAO	Lewis County				
Section 404	ACOE				
401 Water Quality	DOE				

help 16. Has any agency denied approval for the activity you're applying for or for any activity directly related to the activity described herein?
 YES NO
 If YES, explain:

SECTION B - Use for Shoreline and Corps of Engineers permits only:

help 17a. Total cost of project. This means the fair market value of the project, including materials, labor, machine rentals, etc.

help 17b. If a project or any portion of a project receives funding from a federal agency, that agency is responsible for ESA consultation. Please indicate if you will receive federal funds and what federal agency is providing those funds.
 FEDERAL FUNDING YES NO If YES, please list the federal agency.

help 18. Local government with jurisdiction: Lewis County

help 19. Provide names, addresses and telephone numbers of adjoining property owners, lessees, etc. **Please note: Shoreline Management Compliance may require additional notice – consult your local government.**

NAME	ADDRESS	PHONE NUMBER

SECTION C - This section MUST be completed for any permit covered by this application

help 20. Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made, the right to enter the above-described location to inspect the proposed, in-progress or completed work. I agree to start work **ONLY** after all necessary permits have been received.

<u>Sign here</u> SIGNATURE OF APPLICANT	DATE <u>date here</u>
SIGNATURE OF AUTHORIZED AGENT	DATE
I HEREBY DESIGNATE _____ TO ACT AS MY AGENT IN MATTERS RELATED TO THIS APPLICATION FOR PERMIT(S). I UNDERSTAND THAT IF A FEDERAL PERMIT IS ISSUED, I MUST SIGN THE PERMIT.	
SIGNATURE OF APPLICANT	DATE
SIGNATURE OF LANDOWNER (EXCEPT PUBLIC ENTITY LANDOWNERS, E.G. DNR)	
<i>THIS APPLICATION MUST BE SIGNED BY THE APPLICANT AND THE AGENT, IF AN AUTHORIZED AGENT IS DESIGNATED.</i>	

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.

COMPLETED BY LOCAL OFFICIAL

- A. Nature of the existing shoreline. (Describe type of shoreline, such as marine, stream, lake, lagoon, marsh, bog, swamp, flood plain, floodway, delta; type of beach, such as accretion, erosion, high bank, low bank, or dike; material such as sand, gravel, mud, clay, rock, riprap; and extent and type of bulkheading, if any)
- B. In the event that any of the proposed buildings or structures will exceed a height of thirty-five feet above the average grade level, indicate the approximate location of and number of residential units, existing and potential, that will have an obstructed view:
- C. If the application involves a conditional use or variance, set forth in full that portion of the master program which provides that the proposed use may be a conditional use, or, in the case of a variance, from which the variance is being sought:

These Agencies are Equal Opportunity and Affirmative Action employers.
 For special accommodation needs, please contact the appropriate agency in the instructions