



HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: August 01, 2022
Project End Date: July 31, 2027

Permit Number: 2022-9-8+01
FPA/Public Notice Number: N/A
Application ID: 28148

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
WSDOT ATTENTION: Virginia Stone 310 Maple Park Ave SE Olympia, WA 98501-2348	

Project Name: WSDOT Bridge Debris Maintenance

Project Description: Reposition large woody material (LWM) below the OHWL and remove other debris that has lodged against, or located adjacent to bridge structures within WSDOT's right-of-way.

PROVISIONS

1. PROJECT DESCRIPTION: This HPA authorizes repositioning of Large Woody Material (LWM) and other material below the OHWL, and removal of debris, away from Washington State Department of Transportation (WSDOT) bridges. This work does not include new construction, repair, replacement or expansion of the existing bridge.
2. This HPA does not permit stream maintenance work, excavation of the bed or banks of any watercourse, or the use of explosives. If you, your agent, or contractor cannot comply with the provisions of this HPA due to site-specific or other concerns, a separate written HPA may be sought from the local Habitat Biologist (HB) for the project. See <https://wdfw.maps.arcgis.com/apps/MapJournal/index.html?appid=48699252565749d1b7e16b3e34422271> for a current listing of HBs and their coverage area(s).
3. NOTIFICATION PRIOR TO WORK START: You, your agent, or contractor must notify the WDFW Regional Habitat Program Manager (RHPM) in the attached list of WDFW regional offices one day prior to starting work that entails the use of heavy equipment. Notification may be by email, facsimile (FAX), telephone, or in person. If notification is by e-mail, the HB (if known) should also be notified. Notification for work using only hand-held equipment and hand-held tools is not required. Notification must include:
 - a. Agency name, contact person, and telephone number.
 - b. Water body name.
 - c. Work location including latitude/longitude, and road number and milepost or comparable site location information.
 - d. Starting date and estimated ending date for work.
 - e. Application ID and Permit Number of the HPA.
4. TIMING LIMITATIONS: Work under this HPA may begin immediately and must be completed by July 31, 2027. LWM and other organic material repositioning and debris removal may occur within the wetted perimeter any time year-around.
5. APPROVED PLANS AND SPECIFICATIONS: You must accomplish the work per plans and specifications submitted with the application and approved by the Washington Department of Fish and Wildlife, except as modified by this Hydraulic Project Approval. You must have a copy of these plans and this HPA available on site during all phases of the project construction. Plans and specifications include, but are not limited to the following:
 - a. WSDOT Environmental Compliance Assurance Procedure (ECAP) for maintenance in WSDOT's Environmental Manual Section 700.02. For work performed by a contractor use ECAP procedures in WSDOT Construction Manual



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Section 1-07.5.

b. The Best Management Practices Field Guide consistent with the most recent version of the Regional Road Maintenance Endangered Species Act Program Guidelines (RRMP) Part 2: Best Management Practices. For work performed by a contractor, the requirements of Section 1-07.15 and 1-07.15(1) of WSDOT Standard Specifications will apply.

c. **INVASIVE SPECIES CONTROL:** Thoroughly clean all equipment and gear before arriving and leaving the job site to prevent the transport and introduction of invasive species if activities are conducted within the riparian area or floodway. Properly dispose of any water and chemicals used to clean gear and equipment. WSDOT staff must implement the specifications in WSDOT Maintenance Operations AIS (aquatic invasive species) protocols included in the permit application. Additionally, the Washington Department of Fish and Wildlife's Invasive Species Management Protocols (November 2012) are available online at <http://wdfw.wa.gov/publications/01490/wdfw01490.pdf> for more information.

6. **FISH KILL/ WATER QUALITY PROBLEM NOTIFICATION:** If a fish kill occurs or fish are observed in distress at the job site, immediately stop all activities causing harm. Immediately notify the Washington Department of Fish and Wildlife of the problem. If the likely cause of the fish kill or fish distress is related to water quality, also notify the Washington Military Department Emergency Management Division at 1-800-258-5990. Activities related to the fish kill or fish distress must not resume until the Washington Department of Fish and Wildlife gives approval. The Washington Department of Fish and Wildlife may require additional measures to mitigate impacts.

WATER QUALITY

7. Prevent project contaminants, such as petroleum products, hydraulic fluid, fresh concrete, sediments, sedimentladen water, chemicals, or any other toxic or harmful materials, from entering or leaching into waters of the state.

8. Stop all hydraulic project activities except those needed to control erosion and siltation, if flow conditions arise that will result in erosion or siltation of waters of the state.

EQUIPMENT

9. Limit the use of equipment waterward of the ordinary high water line to hand-held equipment and hand-held tools whenever site conditions and the maintenance activity to be conducted can be completed without larger equipment.

10. Establish staging areas (used for equipment storage, vehicle storage, fueling, servicing, and hazardous material storage) in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.

11. Station and operate equipment on the WSDOT Right of WAY (ROW), pre-constructed access points, or adjacent properties with written landowner permission. Minor grading of the bank to allow temporary access for equipment is allowed provided no materials are brought in from off-site and the site is restored to its pre-existing condition and revegetated as required below upon project completion. Access construction outside the ROW for equipment is not authorized.

12. Equipment used for this project may operate waterward of the wetted perimeter, provided the drive mechanisms (wheels, tracks, tires, etc.) do not enter or operate waterward of the wetted perimeter.

13. Remove soil or debris from the drive mechanisms (wheels, tires, tracks, etc.) and undercarriage of equipment prior to operating the equipment waterward of the ordinary high water line. Equipment may not be left unattended within the stream channel if waterward of the wetted perimeter.

14. Check equipment daily for leaks and complete any required repairs in an upland location before using the



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equipment in or near the water.

15. If a boat is used it may not disturb fish spawning areas or wetland vascular plants.

16. Except for minor grading of the site to allow temporary access for equipment onto the streambed, excavation is not authorized and requires a separate written HPA.

WOODY MATERIAL AND DEBRIS

17. LWM must not be cut to a length less than the channel width, the width between adjacent piers, or the structure width, whichever is shortest, and only if the piece cannot be repositioned or floated free without cutting it. Root wads may not be removed from the LWM trunk. The diameter of the root wad may not be reduced. Pieces already shorter than the minimum specified may be cut to facilitate floating or repositioning. Cutting must be maintained as a final option only when other methods have failed.

18. LWM not conforming to pre-existing bridge conditions may be moved except: LWM embedded in the bank or stream bed must be left undisturbed and intact.

19. LWM repositioning must be minimized as much as possible. If LWM must be moved it must be repositioned within the channel, floated free, or placed in the channel as near the wetted perimeter as possible immediately downstream of the work site, but may not be removed from the stream.

20. LWM must be floated free or lifted with full suspension to avoid bed and bank disturbance. Do not drag large woody material. Suspend large woody material during repositioning so it does not damage the bed or banks. A yarding corridor or full suspension is required to protect riparian zone vegetation. Full suspension can be achieved with handoperated or heavy equipment or aerial log yarding towers.

21. LWM must be repositioned gradually and in a controlled manner to prevent a sudden release of any impounded water, bed, logs, other material or sediments which may result in downstream bed and bank degradation, sedimentation or flooding. Debris that can be captured must be removed and properly disposed of.

VEGETATION

22. Riparian vegetation outside of the work area may not be removed or disturbed.

23. Avoid damaging existing vegetation. Riparian vegetation must be straddled with heavy equipment or be pruned as necessary without damaging the roots, to allow the operation of heavy equipment. When possible, vegetation disturbance should be limited to the shaded side of the channel.

24. Protect all disturbed areas from erosion. Maintain erosion and sediment control until all work and cleanup of the job site is complete.

25. All woody plants on the banks or in the bed of state waters removed or damaged by the work beyond their capability to regenerate must be replaced in-kind or with locally-sourced native species. Woody plants must be replaced and survival must be maintained at a ratio of at least 1:1 by the end of the first growing season after impact. If replacement plants fail, additional plantings, or natural recruitment is required prior to the next growing season to achieve and maintain at least 1:1 replacement.

26. Trees with a diameter at breast height larger than 4 inches that are required to be removed as part of this project must be treated as potentially recruited LWM, and be positioned within the channel as such. Trees must also be replaced and survival must be maintained at a ratio of at least 4:1 by the end of the first growing season after impact. If replacement plants fail, additional plantings, or natural recruitment is required prior to the next growing season to



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achieve and maintain at least 4:1 replacement. Plantings must be located at the work site, but such that future maintenance will not impact the replacement vegetation.

27. ANNUAL REPORTING: in unlocked Microsoft Excel (*.xls) format must be uploaded to Application ID 15241 in the Aquatic Protection Permitting System (APPS) or emailed to HPAapplications@dfw.wa.gov by February 28 of the following year. In the final year of the HPA, the report must be submitted prior to the expiration date. Reporting debris removal work using only hand-held equipment and hand-held tools is not required. An annual report is required even if no work was conducted. The annual report must include:

- a) Permittee, contact person, address, telephone number, date of report, time period.
- b) The permit number for this HPA, summary of the total number of individual projects by region and statewide.
- c) Problem(s) encountered: Such as inability to comply with provisions, lack of notification to WDFW, corrective action taken to rectify problems, and impacts to fish life and water quality from activity. If the Environmental Compliance Assurance Procedure (ECAP) or similar procedure was used, state the activity that triggered the procedure.
- d) Recommendations for improvement to best management practices and permit provisions.
- e) List of individual projects completed: By region including water body name, road number and milepost if applicable, latitude and longitude, start and end date of work, description of work including quantity and disposition of LWM moved.
- f) Fish exclusion work conducted under this permit must be submitted, but may be submitted in a separate report.

DEFINITIONS

Debris: Inorganic material including trash, tires and garbage etc. This definition does not include Large Woody Material (LWM), woody material smaller than LWM, woody material resulting from beaver activity, or woody material placed in channels for an environmentally beneficial purpose.

Embedded: Secured or fixed within the streambed.

Environmental Compliance Assurance Procedure: WSDOT communication protocol to monitor and measure compliance performance.

Hand-held equipment: Equipment held by hand and powered by internal combustion, hydraulics, pneumatics, or electricity. Examples are chainsaws, drills, and grinders.

Hand-held tools: Tools held by hand and are not powered by internal combustion, hydraulics, pneumatics, or electricity. Examples are shovels, rakes, hammers, pry bars, and cable winches.

Large Woody Material (LWM): Trees or tree parts larger than four inches in diameter and longer than six feet in length, including root wads. This material is located wholly or partially waterward of the Ordinary High Water Line (OHWL).

Ordinary High Water Line (OHWL): The mark on the shores of all waters that will be found by examining the bed and banks and ascertaining where the presence and action of waters are so common and usual and so long continued in ordinary years, as to mark upon the soil or vegetation a character distinct from that of the abutting upland provided that in any area where the ordinary high water line cannot be found the ordinary high water line adjoining saltwater shall be the line of mean higher high water and the ordinary high water line adjoining freshwater shall be the elevation of the mean annual flood.

Sediment(s): Settled particulate matter located in the predominant biologically active aquatic zone, or exposed to the water column. Sediment also includes settled particulate matter exposed by human activity (e.g., dredging) to the biologically active aquatic zone or to the water column.



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Toe of Bank: The distinct break in slope between the stream bank or shoreline and the stream bottom or marine beach or bed, excluding areas of sloughing. For steep banks that extend into the water, the toe may be submerged below the ordinary high water line. For artificial structures, such as jetties or bulkheads, the toe refers to the base of the structure, where it meets the stream bed or marine beach or bed.

Wetted Perimeter: The areas of a watercourse covered with flowing or non-flowing water.

WSDOT Right of Way: The area of land dedicated for public use or secured by the public for purposes of ingress and egress to abutting property and other public purposes. ROW includes area maintained by WSDOT through prescriptive rights. It includes the structures necessary to keep the transportation system operational.

WDFW REGIONAL HABITAT PROGRAM MANAGERS (RHPM) CONTACT INFORMATION (and Regional Office phone numbers):

Region 1: Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman: Mark Wachtel (or acting RHPM); Mark.Wachtel@dfw.wa.gov; WDFW, Region 1, 2315 N Discovery PL Spokane Valley, WA. 99216-1566; Telephone (509) 892-1001, Fax (509) 921-2440

Region 2: Adams, Chelan, Douglas, Grant, Okanogan: Carmen Andonaegui (or acting RHPM), Carmen.Andonaegui@dfw.wa.gov, WDFW Region 2, 1550 Alder ST NW Ephrata, WA 98823-9699; Telephone (509) 754-4624, Fax (509) 754-5257

Region 3: Benton, Franklin, Kittitas, Yakima: Perry Harvester (or acting RHPM), Perry.Harvester@dfw.wa.gov; WDFW, Region 3, 1701 S 24th Ave Yakima, WA 98902-5720; Telephone (509) 575-2740, Fax (509) 575-2474

Region 4: King, Island, San Juan, Skagit, Snohomish, Whatcom: Chuck Stambaugh-Bowey (or acting RHPM), Charles.Stambaugh-Bowey@dfw.wa.gov; WDFW, Region 4, 16018 Mill Creek Blvd Mill Creek, WA 98012-1296; Telephone (425) 775-1311, Fax (425) 338-1066

Region 5: Clark, Cowlitz, Klickitat, Lewis, Skamania, Wahkiakum: David Howe (or acting RHPM), David.Howe@dfw.wa.gov; WDFW, Region 5, 5525 S 11th St. Ridgefield, WA 98642; Telephone (360) 696-6211, Fax (360) 906-6776.

Region 6: Clallam, Grays Harbor, Jefferson, Kitsap, Mason, Pacific, Pierce, Thurston: Gwendolen Lentes (or acting RHPM), Gwendolen.Lentes@dfw.wa.gov; WDFW, Region 6, 48 Devonshire RD Montesano, WA 98563-9618; Telephone (360) 249-4628, Fax (360) 249-1229.

LOCATION #1:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Adams



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<u>Location #1 Driving Directions</u>								
LOCATION #2:	, , WA							
WORK START:	August 1, 2022			WORK END:	July 31, 2027			
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>				
00 - Unknown								
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>		
						Asotin		
<u>Location #2 Driving Directions</u>								
LOCATION #3:	, , WA							
WORK START:	August 1, 2022			WORK END:	July 31, 2027			
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>				
00 - Unknown								
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>		
						Benton		
<u>Location #3 Driving Directions</u>								
LOCATION #4:	, , WA							
WORK START:	August 1, 2022			WORK END:	July 31, 2027			
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>				
00 - Unknown								
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>		
						Clallam		
<u>Location #4 Driving Directions</u>								



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LOCATION #5:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Clark
<u>Location #5 Driving Directions</u>						
LOCATION #6:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Columbia
<u>Location #6 Driving Directions</u>						
LOCATION #7:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Cowlitz
<u>Location #7 Driving Directions</u>						



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LOCATION #8:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Ferry
<u>Location #8 Driving Directions</u>						
LOCATION #9:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Franklin
<u>Location #9 Driving Directions</u>						
LOCATION #10:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Garfield
<u>Location #10 Driving Directions</u>						



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LOCATION #11:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Grays Harbor
<u>Location #11 Driving Directions</u>						
LOCATION #12:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Island
<u>Location #12 Driving Directions</u>						
LOCATION #13:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Jefferson
<u>Location #13 Driving Directions</u>						



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LOCATION #14:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						King
<u>Location #14 Driving Directions</u>						
LOCATION #15:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Kitsap
<u>Location #15 Driving Directions</u>						
LOCATION #16:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Kittitas
<u>Location #16 Driving Directions</u>						



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LOCATION #17:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Klickitat
<u>Location #17 Driving Directions</u>						
LOCATION #18:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Lewis
<u>Location #18 Driving Directions</u>						
LOCATION #19:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Lincoln
<u>Location #19 Driving Directions</u>						



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LOCATION #20:	, , WA					
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00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Mason
<u>Location #20 Driving Directions</u>						
LOCATION #21:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Pacific
<u>Location #21 Driving Directions</u>						
LOCATION #22:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Pend Oreille
<u>Location #22 Driving Directions</u>						



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Washington Department of
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PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

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FPA/Public Notice Number: N/A
Application ID: 28148

LOCATION #23:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Pierce
<u>Location #23 Driving Directions</u>						
LOCATION #24:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						San Juan
<u>Location #24 Driving Directions</u>						
LOCATION #25:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Skagit
<u>Location #25 Driving Directions</u>						



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FPA/Public Notice Number: N/A
Application ID: 28148

LOCATION #26:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Skamania
<u>Location #26 Driving Directions</u>						
LOCATION #27:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Snohomish
<u>Location #27 Driving Directions</u>						
LOCATION #28:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Spokane
<u>Location #28 Driving Directions</u>						



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FPA/Public Notice Number: N/A
Application ID: 28148

LOCATION #29:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Stevens
<u>Location #29 Driving Directions</u>						
LOCATION #30:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Thurston
<u>Location #30 Driving Directions</u>						
LOCATION #31:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Wahkiakum
<u>Location #31 Driving Directions</u>						



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FPA/Public Notice Number: N/A
Application ID: 28148

LOCATION #32:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Walla Walla
<u>Location #32 Driving Directions</u>						
LOCATION #33:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Whatcom
<u>Location #33 Driving Directions</u>						
LOCATION #34:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
WRIA	Waterbody:			Tributary to:		
00 - Unknown						
1/4 SEC:	Section:	Township:	Range:	Latitude:	Longitude:	County:
						Whitman
<u>Location #34 Driving Directions</u>						



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Application ID: 28148

LOCATION #35:	, , WA					
WORK START:	August 1, 2022			WORK END:	July 31, 2027	
<u>WRIA</u>	<u>Waterbody:</u>			<u>Tributary to:</u>		
00 - Unknown						
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
						Yakima
<u>Location #35 Driving Directions</u>						

APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person (s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.

Failure to comply with the provisions of this Hydraulic Project Approval could result in civil action against you, including, but not limited to, a stop work order or notice to comply, and/or a gross misdemeanor criminal charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this Hydraulic Project Approval is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.



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Washington Department of
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FPA/Public Notice Number: N/A
Application ID: 28148

MINOR MODIFICATIONS TO THIS HPA: You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA unless this is a General HPA. If this is a General HPA you must use the Major Modification process described below. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to HPAapplications@dfw.wa.gov. You should allow up to 45 days for the department to process your request.

MAJOR MODIFICATIONS TO THIS HPA: You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send your written request by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You may email your request for a major modification to HPAapplications@dfw.wa.gov. You should allow up to 45 days for the department to process your request.

APPEALS INFORMATION

If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the department employee who issued or denied the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by department management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process. You may contact the HPA Appeals Coordinator at (360) 902-2534 for more information.

A. INFORMAL APPEALS: WAC 220-660-460 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.



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Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

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A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee may conduct an informal hearing or review and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-660-470 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.

Habitat Biologist elizabeth.bockstiegel@dfw.wa.gov
Liz Bockstiegel 360-791-8999

for Director
WDFW

WASHINGTON STATE

Standard Hydraulic Project



AGENCY USE ONLY
Date Received: 2022-07-14
Application ID :28148
Online Submission
Amended Application

01. Application Information	<p>* Application Type:</p> <p>Standard</p> <p>* I am applying as a government agency, organization, or company for hydraulic projects anywhere within a broad geographic area but can't yet identify specific, discrete locations for those projects.</p> <p>Yes</p> <p>* Site Description:</p> <p>Washington State Department of Transportation bridges and associated right-of-way.</p> <p>* Are you applying for a long-term HPA for agricultural irrigation or stock watering purposes under RCW 77.55.021 (9)(c)?</p> <p>No</p>
02. Project Identification	<p>* Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development)</p> <p>WSDOT Bridge Debris Maintenance</p> <p>* NonSimplified Project Type(s) (check all that apply):</p> <p>Water Crossing Structure</p> <p>* Simplified Project Type(s) (check all that apply):</p> <p>Road Maintenance Work</p>
03. Applicant	<p>* Business Name (if applicable)</p> <p>WSDOT</p> <p>* First Name</p> <p>Virginia</p> <p>* Last Name</p> <p>Stone</p> <p>* Address 1</p> <p>310 Maple Park Ave SE</p> <p>* City</p> <p>Olympia</p> <p>* State/Province</p> <p>WA</p> <p>* Zip Code (12345 or 12345-1234)</p> <p>98501-2348</p> <p>* Country</p>

03. Applicant	United States	
04. Applicant Account Type	* Please select one applicant account type Government – State	
05. Authorized Agent or Contact	* Business Name (if applicable) WSDOT	
	* First Name Virginia	
	* Last Name Stone	
	* Address 1 310 Maple Park Ave SE	
	* City Olympia	
	* State/Province WA	
	* Zip Code (12345 or 12345-1234) 98501-2348	
	* Country United States	
	06. Property Owner(s)	* Check here if Property Owner is the same as Applicant Yes
		* Check here if Project is on Public Property Yes
		* Agency Name: Washington State Department of Transportation
		* Business Name (if applicable) WSDOT
		* First Name Virginia
		* Last Name Stone
	* Address 1 310 Maple Park Ave SE	
	* City Olympia	
	* State/Province WA	
	* Zip Code (12345 or 12345-1234)	

06. Property Owner(s)	<p>98501-2348</p> <p>* Country</p> <p>United States</p>
07. Project Location	<p>* Location</p> <p>Site Name: Work Start Date: January 1, 1900 Work End Date: January 1, 1900</p> <p>Address: , Adams, WA, United States Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name: Parcel No: 100 Year Flood: Drive Direction:</p> <p>-----</p> <p>Site Name: Work Start Date: January 1, 1900 Work End Date: January 1, 1900</p> <p>Address: , Asotin, WA, United States Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name: Parcel No: 100 Year Flood: Drive Direction:</p> <p>-----</p> <p>Site Name: Work Start Date: January 1, 1900 Work End Date: January 1, 1900</p> <p>Address: , Benton, WA, United States Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name: Parcel No: 100 Year Flood: Drive Direction:</p> <p>-----</p> <p>Site Name: Work Start Date: January 1, 1900 Work End Date: January 1, 1900</p> <p>Address: , Clallam, WA, United States Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name: Parcel No: 100 Year Flood: Drive Direction:</p> <p>-----</p> <p>Site Name: Work Start Date: January 1, 1900 Work End Date: January 1, 1900</p> <p>Address: , Clark, WA, United States Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name: Parcel No: 100 Year Flood: Drive Direction:</p> <p>-----</p>

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Columbia, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Cowlitz, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Ferry, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Franklin, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Garfield, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Grays Harbor, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Island, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Jefferson, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , King, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Kitsap, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Kittitas, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Klickitat, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Lewis, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Lincoln, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Mason, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Pacific, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Pend Oreille, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Pierce, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , San Juan, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Skagit, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Skamania, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Snohomish, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:

Parcel No: 100 Year Flood:

Drive Direction:

Site Name:

Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Spokane, WA, United States

Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Stevens, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Thurston, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Wahkiakum, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Walla Walla, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Whatcom, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Whitman, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

Site Name:
Work Start Date: January 1, 1900 Work End Date: January 1, 1900

Address: , Yakima, WA, United States
Latitude: Longitude:

WRIA: Stream Number: Stream Name:
Parcel No: 100 Year Flood:
Drive Direction:

08. Project Description

*** Will you be operating equipment in water?**

Yes

*** Type of equipment used**

Backhoe, excavator, boat, winch, power saw, crane, or other hand tools.

*** Summarize the overall project.**

Reposition large woody material (LWM) below the OHWL and remove other debris that has lodged against, or located adjacent to bridge structures within WSDOT's right-of-way.

*** Describe how you plan to construct each project element. Include specific construction methods and equipment to be used. Identify where each element will occur in relation to the nearest waterbody. Indicate which activities are within the 100-year flood plain.**

Woody material or other debris that stacks up against bridge piers, or adjacent to the structures, can create scour holes that undermine bridge footings or divert flows that can erode the away the footings for the bridge abutment walls, and, in some cases, physically lift/move the bridge making the structure unsafe for the traveling public. Sometimes the debris causes flooding of the bridge roadway approaches. Heavy equipment will be used from bridge decks whenever feasible.

We will reposition LWM from bridges using the least impacting method to avoid impacts to fish and the stream. We will use hand tools from boats if feasible. If not, heavy equipment will be used from the bridge deck. We will only use heavy equipment near the stream bank if the heavy equipment cannot reach the LWM from the bridge deck.

LWM will be floated away from the bridge structure or picked up vertically when being repositioned below the OHWL to minimize any impacts to the bed of the stream. The wood that meets the criteria of Large Woody Material will be placed back into the system for fish habitat structure. We will not move embedded LWM. LWM will only be cut to the width of the channel if it is not feasible to reposition the wood.

Some activities may be within the 100-year floodplain. Appropriate BMPs will be utilized as listed in the avoidance and minimization measures.

*** Requested Project Start Date:**

08/01/2022

*** Requested Project End Date:**

08. Project Description	07/31/2027
09. Waterbodies (other than wetlands): Impacts and Mitigation	<p>* Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment.</p> <p>We will minimize impacts to the aquatic system by:</p> <ul style="list-style-type: none"> • Minimizing damage to native riparian woody species. • Using least impacting method to minimize damage to fish life and streambeds/banks as described at the end of the project description section. Will use hand tools from a boat, if feasible. • Using appropriate BMPs from Part 2 of the Regional Road Maintenance Program to control erosion, sedimentation, and equipment fluids. • Operating heavy equipment off the bridge whenever practicable to avoid impacts to stream banks. • Repositioning/floating LWM that creates a stream blockage to a location that will not impact the roadway infrastructure. • Keeping LWM below the Ordinary High Water Line. • Floating LWM when streamflow is moderate to high, preventing harm to fish and fish habitat downstream. <p>* Will your project impact a waterbody or the area around a waterbody?</p> <p>Yes</p> <p>* Describe how your project will impact a waterbody or the area around a waterbody.</p> <p>There could be impacts to plants if heavy equipment is used along the streambank. We will avoid and minimize damage to plants along the streambank.</p> <p>* Describe impact(s) that cannot be avoided through project design and implementation. For each location, please include the following: General location description where the impact(s) will occur (e.g. stream bank, beach front, 2-foot strip from bank, portion of gravel bar, etc.) Provide length, quantities, and/or area of impact</p> <p>Plants destroyed by the activity will be replaced at a 1:1 ratio. All areas of bare soils caused by the maintenance activity will be seeded, mulched, or other approved BMP to control erosion of the bank and siltation of the stream.</p> <p>* Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.</p> <p>The plans, specifications, avoid and minimization measures, and the GHPA provisions address impacts to fish life according to the Hydraulic Code. Therefore, activities covered by this GHPA does not require additional mitigation or a mitigation plan.</p> <p>* Describe the source and nature of any fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody.</p> <p>Bridge Debris Maintenance activities does not require placing fill material.</p> <p>* For all excavating or dredging activities, describe the method for excavating or dredging type and amount of material you will remove, and where the material will be disposed.</p> <p>Bridge Debris Maintenance activities does not require excavation or dredging activities.</p>
10. SEPA Compliance	<p>* Compliance with the State Environmental Policy Act (SEPA).</p> <p>For more information about SEPA, go to "http://www.ecy.wa.gov/programs/sea/sepa/e-review.html"</p> <p>SEPA review is complete. I will upload, mail, or deliver a copy of the SEPA determination letter as part of this application..</p>