



# 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: 2022-9-9+01  
FPA/Public Notice Number: N/A  
Application ID: 29127

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

**Project Name:** WSDOT Tree Repositioning below OHWM within WSDOT Right-of-Way and Cutting within Hydraulic Project J

**Project Description:** The project involves falling hazard trees located within WSDOT ROW adjacent to, across, or within the channel of the stream to protect road infrastructure and the safety of the traveling public. Trees that fall onto WSDOT roadways may also be placed into an adjacent or nearby waterbody. Tree cutting activities under this GHPA will be limited to cutting dead or dying trees determined to be hazardous by a WSDOT specialist but not limited to: trees with exposed/damaged roots, trees along a failing slope, beaver damaged trees, leaning trees damaged by storms, and trees within hydraulic project jurisdiction that pose an imminent threat to infrastructure and public safety.

## PROVISIONS

1. This HPA authorizes:

A. The falling of hazardous trees located within WSDOT right of way (ROW) adjacent to, across, or within the channel of the stream. The tree(s) must be identified as a hazard and threat to existing infrastructure within hydraulic project jurisdiction.

B. The relocation of trees into an adjacent or nearby waterway that have fallen onto WSDOT roadways or within a ROW.

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 <http://wdfw.wa.gov/conservation/habitat/ahb/> for a current listing of HBs and their coverage area(s).

### TIMING - PLANS - INVASIVE SPECIES CONTROL

3. TIMING LIMITATION: The project may begin immediately and must be completed by July 31, 2027. The proposed work may occur within the wetted perimeter year-around.

4. APPROVED PLANS: 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.

5. INVASIVE SPECIES CONTROL: Follow Method 1 for low risk locations (i.e. clean/drain/dry). Thoroughly remove visible dirt and debris from all equipment and gear (including drive mechanisms, wheels, tires, tracks, buckets, and undercarriage) before arriving and leaving the job site to prevent the transport and introduction of invasive species. For contaminated or high risk sites please refer to the Method 2 Decontamination protocol. Properly dispose of any water and chemicals used to clean gear and equipment. You can find this and additional information in the Washington



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Department of Fish and Wildlife's "Invasive Species Management Protocols", available online at <https://wdfw.wa.gov/species-habitats/invasive/prevention>.

## NOTIFICATION REQUIREMENTS

6. 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.

7. 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.

## STAGING, JOB SITE ACCESS, AND EQUIPMENT

8. 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.

9. Use existing roadways or travel paths.

10. Limit the use of equipment waterward of the ordinary high water line to that necessary to gain position for the work.

11. Alteration or disturbance of the bank and bank vegetation must be limited to that necessary to gain access. Riparian vegetation outside of the work area may not be removed or disturbed.

12. 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.

13. All areas disturbed by the work must be protected against erosion using vegetation or other means within seven days of disturbance.

14. All woody plants on the banks or in the bed of state waters removed or damaged by construction work beyond their capability to regenerate may be replaced in-kind as much as possible. Replacement may be by replanting with woody plants native to the area. Woody plants may be replaced and 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.

15. If wet or muddy conditions exist, in or near a riparian zone or wetland area, use equipment that reduces ground pressure.



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16. Check equipment daily for leaks and complete any required repairs in an upland location before using the equipment in or near the water.

17. Lubricants composed of biodegradable base oils such as vegetable oils, synthetic esters, and polyalkylene glycols are recommended for use in equipment operated in or near water.

## CONSTRUCTION-RELATED SEDIMENT, EROSION AND POLLUTION CONTAINMENT

18. 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.

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

## HAZARD TREE REMOVAL WITHIN HYDRAULIC PROJECT JURISDICTION

20. Removal of standing dead or live trees is only allowed if there has been a determination made by a qualified professional classifying the trees as presenting an imminent threat to infrastructure or public safety hazard. Provide the determination in ANNUAL REPORTING.

21. When possible and determined safe to do so, trees should be pruned to relieve pressures and preserve as much of the tree as possible. If the tree must be felled, fall towards the stream and leave in place whenever possible.

22. If trees are fallen and any portion of the fallen tree is in contact with the water, the entirety of the tree will remain in place and undisturbed. 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.

23. If downstream culverts and bridges are a concern for racking of woody material produced from the cutting of hazard trees, cutting can be considered as a final option only when other methods like repositioning or floating have failed. 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.

24. Trees with a diameter at breast height larger than 4 inches that are identified as a hazard within hydraulic project jurisdiction and are required to be removed must be treated as LWM and will be repositioned within the channel as such..

25. An excavator or crane can be used to toss LWM (that has fallen on the roadway or danger trees that are cut) over the guardrails and riparian vegetation into streams. Once tossed, the wood must remain in place and not be dragged or repositioned to disturb the bed and banks.

## LARGE WOODY MATERIAL REPOSITIONING

26. When placing or repositioning large woody material, station equipment on the bank.

27. Do not drag large woody material. Suspend large woody material during placement or 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 hand-operated or heavy equipment or aerial log yarding towers.

28. When you cannot suspend large woody material above the bed and banks, use skid logs or similar methods to



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avoid bank damage. Avoid damage to stream banks and vegetation when removing skid logs after completing the yarding operation, and restore the bank to preproject condition.

29. Do not disturb large woody material embedded in a bank or bed.

30. When repositioning, fill and smooth over any depressions created in the bed with material that has the same composition as native material.

31. When repositioning large woody material, minimize releasing bedload, logs, or debris downstream.

32. ANNUAL REPORTING: A calendar year annual report must be uploaded as a post permit requirement to Application ID 26408 in the Aquatic Protection Permitting System in unlocked Microsoft Excel (\*.xlsx) format by February 28 of the following year. In the final year of the HPA, the report must be submitted prior to the expiration date. An annual report is required even if no work was conducted.

The report must be provided in an Excel file and must include:

- General: Application ID Number 26408, HPA Permit Number, permittee, contact person, address, telephone number, date of report, time period.
- Summary: Total number of individual sites, hazard tree determination, total hazard trees removed within hydraulic code jurisdiction, method of removal and status of replanting.
- Problem(s) encountered: Provision violation, notification, corrective action, and impacts to fish life and water quality from any problems that arose.
- List of individual sites completed by state route, milepost, Lat/Long, date of work, duration of work. Describe all work below the OHWL

## WDFW REGIONAL HABITAT PROGRAM MANAGERS (RHMP) 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 RHMP); 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 RHMP), 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 RHMP), 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 RHMP), 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 RHMP), 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 RHMP), Gwendolen.Lentes@dfw.wa.gov; WDFW, Region 6, 48 Devonshire RD Montesano, WA 98563-9618;



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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> |
|                                       |                 |                   |                         |                      |                   | Statewide      |
| <u>Location #1 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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**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](mailto: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](mailto: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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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](mailto: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](mailto: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](mailto:elizabeth.bockstiegel@dfw.wa.gov)  
Liz Bockstiegel      360-791-8999

for Director  
WDFW

# WASHINGTON STATE

## Standard Hydraulic Project



| AGENCY USE ONLY           |
|---------------------------|
| Date Received: 2022-07-19 |
| Application ID :29127     |
| Online Submission         |
| Amended Application       |

|                             |   |
|-----------------------------|---|
| 01. Application Information | <p><b>* Application Type:</b></p> <p>Standard</p> <p><b>* 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.</b></p> <p>Yes</p> <p><b>* Site Description:</b></p> <p>Statewide within WSDOT right of way.</p>  |
| 02. Project Identification  | <p><b>* Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development)</b></p> <p>WSDOT Tree Repositioning below OHWM within WSDOT Right-of-Way and Cutting within Hydraulic Project Jurisdiction</p> <p><b>* Simplified Project Type(s) (check all that apply):</b></p> <p>Repositioning or Removal of Large Wood,Road Maintenance Work</p> <p><b>* Do you want to apply using simplified application form?</b></p> <p>No</p> |
| 03. Applicant               | <p><b>* Business Name (if applicable)</b></p> <p>WSDOT</p> <p><b>* First Name</b></p> <p>Virginia</p> <p><b>* Last Name</b></p> <p>Stone</p> <p><b>* Address 1</b></p> <p>310 Maple Park Ave SE</p> <p><b>* City</b></p> <p>Olympia</p> <p><b>* State/Province</b></p> <p>WA</p> <p><b>* Zip Code (12345 or 12345-1234)</b></p> <p>98501-2348</p> <p><b>* Country</b></p> <p>United States</p>  |
| 04. Applicant Account Type  | <p><b>* Please select one applicant account type</b></p>  |



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

|   |  |
|---|--|
| 06. Property Owner(s)   | <p><b>* Country</b></p> <p>United States</p>   |
| 07. Project Location  | <p><b>* Location</b></p> <p>Site Name:<br/> Work Start Date: January 1, 1900 Work End Date: January 1, 1900</p> <p>Address: , Statewide, WA, United States<br/> Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name:<br/> Parcel No: 100 Year Flood:<br/> Drive Direction:<br/> -----</p>   |
| 08. Project Description                                       | <p><b>* Will you be operating equipment in water?</b></p> <p>Yes</p> <p><b>* Type of equipment used</b></p> <p>Chainsaw, block and tackle, bucket truck, tractor, excavator, man lift, winch, buncher, dump trucks, and hand tools.</p> <p><b>* Summarize the overall project.</b></p> <p>The project involves falling hazard trees located within WSDOT ROW adjacent to, across, or within the channel of the stream to protect road infrastructure and the safety of the traveling public. Trees that fall onto WSDOT roadways may also be placed into an adjacent or nearby waterbody. Tree cutting activities under this GHPA will be limited to cutting dead or dying trees determined to be hazardous by a WSDOT specialist but not limited to: trees with exposed/damaged roots, trees along a failing slope, beaver damaged trees, leaning trees damaged by storms, and trees within hydraulic project jurisdiction that pose an imminent threat to infrastructure and public safety.</p> <p><b>* 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.</b></p> <ul style="list-style-type: none"> <li>* Traditional falling with chainsaw.</li> <li>* Falling with saw and block and tackle aid or winches to manipulate the drop area if there is a need (safety, structure proximity, etc).</li> <li>* Limbing with man-lift or bucket truck before falling or taking the tree in down in pieces due to safety concerns.</li> <li>* Using explosives to drop a tree deemed to hazardous to fall with chainsaw.</li> <li>* Using excavator to push standing tree over. This would uproot the rootball. This is an uncommon practice due to the usual proximity to a waterbody and the road prism (don't want to encourage road prism lost/erosion), but there might be certain cases that require this method.</li> <li>* Using excavator to place or adjust bole of tree once it has been felled . This would cover moving a felled tree from upland to an in water position or adjusting a tree that has been dropped into or across a water body and readjusting if necessary to avoid unwanted outcome ( e.g. road prism scour).</li> <li>* Dropping trees into and across watercourses and wetlands associated with streams.<br/> Some of this work will take place within the 100-year floodplain.</li> </ul> <p><b>* Requested Project Start Date:</b></p> <p>08/01/2022</p> <p><b>* Requested Project End Date:</b></p> <p>07/31/2027</p> |
| 09. Waterbodies (other than wetlands): Impacts and Mitigation | <p><b>* Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment.</b></p>   |

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| 09. Waterbodies (other than wetlands): Impacts and Mitigation | <p>Best Management Practices will be followed in order to ensure there are minimal impacts to the aquatic environment such as:</p> <ul style="list-style-type: none"> <li>* Minimize activities in contact with the water.</li> <li>* Limit dragging of woody material along stream bed .</li> <li>* No active excavation within the waterway.</li> <li>* Protect exposed soils from erosion.</li> </ul> <p><b>* Will your project impact a waterbody or the area around a waterbody?</b></p> <p>Yes</p> <p><b>* Describe how your project will impact a waterbody or the area around a waterbody.</b></p> <p>Adding LWM to stream will improve aquatic habitat. Placing trees into a waterbody or repositioning a fallen tree may cause a minor temporary rise of turbidity, but no negative impact to aquatic life is anticipated.</p> <p><b>* 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</b></p> <p>See the first response in this section.</p> <p><b>* Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?</b></p> <p>NA</p> <p><b>* Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?</b></p> <p>Mitigation is not applicable because the project's impacts is negligible.</p> <p><b>* 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.</b></p> <p>There will be no fill material of any kind placed within the waterbody.</p> <p><b>* 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.</b></p> <p>There will be no excavating or dredging activities within the waterbody.</p> |
| 10. SEPA Compliance   | <p><b>* Compliance with the State Environmental Policy Act (SEPA). For more information about SEPA, go to "<a href="http://www.ecy.wa.gov/programs/sea/sepa/e-review.html">http://www.ecy.wa.gov/programs/sea/sepa/e-review.html</a>"</b></p> <p>This project is exempt. I will upload, mail, or deliver a draft of the SEPA Letter of Exemption as part of this application.</p> <p><b>* Choose Type Of Exemption.</b></p> <p>Categorical Exemption</p> <p><b>* Under what section of the SEPA administrative code (WAC) is it exempt?</b></p> <p>WAC 468-12-800(1)(u)</p>   |