



FS Agreement No. NFS 12-MU-11062754-005
Cooperator Agreement No. WDFW 11-1949

MEMORANDUM OF UNDERSTANDING
Between The
WASHINGTON STATE DEPARTMENT OF FISH AND WILDLIFE
And The
USDA, FOREST SERVICE
PACIFIC NORTHWEST REGION

This MEMORANDUM OF UNDERSTANDING (MOU) is hereby made and entered into by and between the Washington State Department of Fish and Wildlife, hereinafter referred to as "WDFW," and the USDA, Forest Service, Pacific Northwest Region, hereinafter referred to as the "U.S. Forest Service."

This MOU supersedes existing MOU number NFS 05-MU-11060000-391, which expires 1/31/2012.

Title: Hydraulic Projects Conducted by the U.S. Forest Service

- I. PURPOSE:** The purpose of this MOU is to document the understanding reached between the parties for Forest Service hydraulic projects on lands administered by the Forest Service within the State of Washington. This includes any right-of-way easements that the Forest Service may have over state or other lands. There are differing legal views regarding the jurisdiction of WDFW over Forest Service activities that may affect waterbodies within the State of Washington. The WDFW maintains that hydraulic projects conducted within the State of Washington require the approval of WDFW prior to the start of the project pursuant to Chapter 77.55 RCW. The Forest Service maintains that there has not been a waiver of Federal sovereign immunity requiring such authorization for its projects.
- II. SCOPE:** Hydraulic projects subject to this MOU are those projects that involve work that will use, divert, obstruct, or change the natural flow, bed, or banks of any perennial or intermittent fresh or salt waters (waterbodies) and where the design and implementation are under the direct control of the Forest Service. Projects that are designed and implemented on National Forest System lands by other entities, where the Forest Service is not primarily responsible for implementation or contract administration, are not covered by this MOU.

III. STATEMENT OF MUTUAL BENEFIT AND INTERESTS:

The WDFW has been established by the laws of the State of Washington to provide an adequate and flexible system for the management and protection of fish and aquatic resources of the state, and for the protection, maintenance, and enhancement of viable habitat for the perpetuation of these species;



The Forest Service, under the laws of the United States and regulations of the Secretary of Agriculture, is responsible for the protection, maintenance, and enhancement of water quality and aquatic habitat on National Forest System lands;

The WDFW and Forest Service share a common objective to protect, maintain, and enhance water, fish, and aquatic resources, and recognize their mutual desire to continue a long-standing working relationship;

The WDFW and Forest Service share the common purpose of developing, maintaining, and managing all of the natural resources in the best interests of the citizens of Washington and of the United States;

In consideration of the above premises, the agencies agree to work in a cooperative spirit while carrying out their respective programs for the good of fish, water, and aquatic resources as follows:

IV. WDFW SHALL:

- A. Agree to recognize the Forest Service as being responsible for the protection and enhancement of aquatic resources on National Forest System lands.
- B. Agree to recognize the Forest Service has multiple statutory requirements, regulatory direction, and authorities that provide a substantial amount of protection to aquatic resources.

V. THE U.S. FOREST SERVICE SHALL:

- A. Agree to recognize the WDFW is responsible for the protection, perpetuation, and management of fish life in the State of Washington. Fish life means all fish species, including but not limited to food fish, shellfish, game fish, and other non-classified fish species and all stages of development of those species.
- B. Agree to coordinate and collaborate with WDFW on Forest Service hydraulic projects that may have an impact on fish and fish habitat in the State of Washington.
- C. Agree to encourage holders of special use permits, easements, rights-of-way or other occupancy authorities on National Forest System lands to acquire individual HPAs, as necessary, for their non-Forest Service projects.

VI. IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES THAT:



- A. Both WDFW and the Forest Service possess substantial expertise in fish and fish habitat, engineering, and hydraulic project design and implementation.
- B. The Forest Service's objective is to meet or exceed the intent of WDFW's standards and guidelines for fish and fish habitat for all Forest Service hydraulic projects.
- C. The Forest Service will notify WDFW of proposed Forest Service hydraulic projects by sending a National Environmental Policy Act (NEPA) scoping letter to the appropriate WDFW Regional Habitat Program Manager for those hydraulic projects for which a scoping letter is issued. The scoping letter will include project name, location, proposal description, and anticipated decision date in sufficient detail to enable WDFW to identify possible impacts to fish and fish habitats.
- D. Communication and collaboration between the Forest Service and WDFW regarding Forest Service hydraulic projects will be critical to the successful implementation of this MOU. Individual Forest Service units and local WDFW Area Habitat Biologists are encouraged to meet at least once per year to review completed projects, discuss upcoming Forest Service projects, and resolve any issues regarding implementation of the MOU.
- E. Appendix A of this MOU provides design and implementation standards for common types of Forest Service hydraulic projects.
- F. Appendix B of this MOU provides a process for implementing types of Forest Service hydraulic projects that are not described in Appendix A, or for projects that do not meet both the general provisions and the project specific provisions specified in Appendix A. For these projects the Forest Service will collaborate with WDFW to develop appropriate project designs and implementation provisions on a site-specific basis.
- G. Appendix C of this MOU provides a process for implementing hydraulic projects conducted in response to emergency situations where immediate action is required to protect life, public or private property, or prevent serious environmental degradation arising from weather, high stream flows, other natural conditions, or fire.
- H. Appendix D describes work periods for Forest Service hydraulic projects in this MOU.
- I. Every effort will be made by the Forest Service and WDFW to resolve disputes regarding hydraulic projects within the scope of this MOU at the field level in a cooperative and professional manner. In the event that issues cannot be resolved by field personnel in consultation with technical experts within the two agencies, the

parties agree to elevate the issues of concern through equivalent levels of each organization until the conflict is resolved. Unless the conflict involves an emergency action per Appendix C, or a project delay may cause substantial damage to public resources or risk to public safety, the Forest Service will consider delaying any disputed hydraulic projects until conflicts are resolved. If the Forest Service makes the decision to proceed with a disputed project without reaching agreement with WDFW, the rationale for the decision will be documented in a letter from the Forest Service Line Officer to the WDFW Regional Habitat Program Manager.

- J. By March 31st of each year the Forest Service will submit an annual report to WDFW summarizing the Forest Service hydraulic projects that were completed under this MOU within the preceding calendar year. The report will include general project types, a brief description of each activity, and project locations.

- K. **PRINCIPAL CONTACTS.** Individuals listed below are authorized to act in their respective areas for matters related to this instrument.

Principal Cooperator Contacts:

Cooperator Program Contact	Cooperator Administrative Contact
Pat Chapman 600 Capitol Way N. Olympia, WA 98502 360-902-2571 Pat.Chapman@dfw.wa.gov	Assistant Director, Habitat Program 600 Capitol Way N. Olympia, WA 98502 360-902-2534

Principal U.S. Forest Service Contacts:

U.S. Forest Service Contact	U.S. Forest Service Administrative Contact
Bob Metzger 1835 Black Lake Blvd SW Olympia, WA 98512 360-956-2293 FAX: 360-956-2330 rpmetzger@fs.fed.us	Director, Natural Resources PO Box 3623 Portland, OR 97208 503-808-2955

- L. **NON-LIABILITY.** The U.S. Forest Service does not assume liability for any third party claims for damages arising out of this instrument.

- M. **NOTICES.** Any communications affecting the operations covered by this agreement given by the U.S. Forest Service or WDFW is sufficient only if in writing and delivered in person, mailed, or transmitted electronically by e-mail or fax, as follows:



To the U.S. Forest Service Program Manager, at the address specified in the MOU.

To WDFW, at the Assistant Director's address shown in the MOU or such other address designated within the MOU.

Notices are effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.

- N. PARTICIPATION IN SIMILAR ACTIVITIES. This MOU in no way restricts the U.S. Forest Service or WDFW from participating in similar activities with other public or private agencies, organizations, and individuals.
- O. ENDORSEMENT. Any of WDFW's contributions made under this MOU do not by direct reference or implication convey U.S. Forest Service endorsement of WDFW's products or activities.
- P. NONBINDING AGREEMENT. This MOU creates no right, benefit, or trust responsibility, substantive or procedural, enforceable at law or equity. The parties shall manage their respective resources and activities in a separate, coordinated and mutually beneficial manner to meet the purpose(s) of this MOU. Nothing in this MOU authorizes any of the parties to obligate or transfer anything of value.

Specific, prospective projects or activities that involve the transfer of funds, services, property, and/or anything of value to a party requires the execution of separate instruments and are contingent upon numerous factors, including, as applicable, but not limited to: agency availability of appropriated funds and other resources; cooperator availability of funds and other resources; agency and cooperator administrative and legal requirements (including agency authorization by statute); etc. This MOU neither provides, nor meets these criteria. If the parties elect to enter into an obligation instrument that involves the transfer of funds, services, property, and/or anything of value to a party, then the applicable criteria must be met. Additionally, under a prospective instrument, each party operates under its own laws, regulations, and/or policies, and any Forest Service obligation is subject to the availability of appropriated funds and other resources. The negotiation, execution, and administration of these prospective instruments must comply with all applicable law

Nothing in this MOU is intended to alter, limit, or expand the agencies' statutory and regulatory authority.

- Q. MEMBERS OF U.S. CONGRESS. Pursuant to 41 U.S.C. 22, no U.S. member of, or U.S. delegate to, Congress shall be admitted to any share or part of this instrument, or benefits that may arise therefrom, either directly or indirectly.



- R. FREEDOM OF INFORMATION ACT (FOIA). Public access to MOU or agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 U.S.C. 552).
- S. TEXT MESSAGING WHILE DRIVING. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All cooperators, their employees, volunteers, and contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.
- T. TERMINATION. Any of the parties, in writing, may terminate this MOU in whole, or in part, at any time before the date of expiration.
- U. DEBARMENT AND SUSPENSION. WDFW shall immediately inform the U.S. Forest Service if they or any of their principals are presently excluded, debarred, or suspended from entering into covered transactions with the federal government according to the terms of 2 CFR Part 180. Additionally, should WDFW or any of their principals receive a transmittal letter or other official Federal notice of debarment or suspension, then they shall notify the U.S. Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or involuntary.
- V. MODIFICATIONS. Modifications within the scope of this MOU must be made by mutual consent of the parties, by the issuance of a written modification signed and dated by all properly authorized, signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 30 days prior to implementation of the requested change.
- W. COMMENCEMENT/EXPIRATION DATE. This MOU is executed as of the date of the last signature and is effective for a period of 5 years, after which time it will expire.
- X. AUTHORIZED REPRESENTATIVES. By signature below, each party certifies that the individuals listed in this document as representatives of the individual parties are authorized to act in their respective areas for matters related to this MOU. In witness whereof, the parties hereto have executed this MOU as of the last date written below.



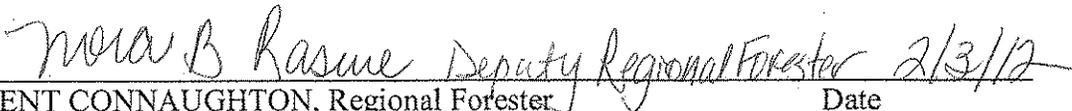
USDA, Forest Service

OMB 0596-0217
FS-1500-15


PHIL ANDERSON, Director
Washington Department of Fish and Wildlife

LEE ROLLE
Chief Financial Officer for

1/23/2012
Date


KENT CONNAUGHTON, Regional Forester
U.S. Forest Service, Pacific Northwest Region

Deputy Regional Forester 2/3/12
Date

The authority and format of this instrument have been reviewed and approved for signature.

NFS 12-MU-11062754-005


DENNIS MOTSINGER
U.S. Forest Service Grants & Agreements Specialist

1/12/2012
Date

Burden Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0217. The time required to complete this information collection is estimated to average 3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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Appendices for
MEMORANDUM OF UNDERSTANDING

Between
Washington State Department of Fish and Wildlife
And
USDA Forest Service, Pacific Northwest Region

Regarding
Hydraulic Projects Conducted by
USDA Forest Service, Pacific Northwest Region

January 2012

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APPENDIX A. PROVISIONS AND STANDARDS FOR COMMON TYPES OF FOREST SERVICE HYDRAULIC PROJECTS

HYDRAULIC PROJECTS COVERED BY APPENDIX A

Hydraulic project types which are included in Appendix A and which adhere to all applicable general and project-specific provisions may be implemented without further input on project design or implementation standards by WDFW Area Habitat Biologist and without further documentation, except annual reporting, by the Forest Service. Note that culvert and bridge installations or replacements on fish-bearing streams require the Forest Service to notify WDFW when it begins the design process for these projects. Collaboration is specifically encouraged for these projects.

Projects which include minor modifications of the provisions in this appendix may also be implemented under Appendix A so long as the modifications have been coordinated with and agreed to by WDFW. Minor modifications are defined as changes that are unlikely to cause adverse effects to fish life. The Forest Service will initiate requests for minor modifications to project provisions, including requests to modify in-water work windows, by phone or email to the appropriate Area Habitat Biologist. WDFW shall complete the coordination and send an email to the Forest Service confirming agreement or disagreement with minor modifications to project provisions within 10 working days of a request for collaboration.

The Forest Service shall immediately notify the appropriate WDFW Regional Habitat Program Manager if it becomes aware that project activities occur that do not adhere to Appendix A provisions. Additionally, the Forest Service shall immediately notify the appropriate WDFW Regional Habitat Program Manager of project activities that adhere to these provisions but that may result in unanticipated fish or fish habitat damage.

GENERAL PROVISIONS APPLICABLE TO ALL APPENDIX A PROJECTS

Fish-bearing Waters

1. Streams which meet the Washington State Forest Practices Act physical criteria for fish presence (WAC 222-16-031 Interim Water Typing System) are assumed to be fish-bearing unless documented survey information is available that provides evidence of a lack of fish presence.
2. The Forest Service will consult with WDFW to agree on the status of streams that meet the physical criteria for fish presence but where biological information is incomplete, inconclusive, or not well documented.

Timing

3. Freshwater hydraulic projects conducted under Appendix A in fish-bearing streams or in tributary streams within ¼ mile of fish-bearing streams will be implemented only during the work periods outlined in Appendix D unless the Forest Service fisheries biologist and the WDFW Area Habitat Biologist agree that implementing the activity outside of the normal work period would be unlikely to cause negative impacts to fish and fish habitat. The location of the project within a watershed, site-specific conditions, circumstances, nature of the proposed work, and fish species and life stages actually present at the project site may make alternative instream work periods acceptable for many projects. Any agreements to modify the work periods in Appendix D for specific projects or specific sites shall be documented by WDFW.
4. Those portions of hydraulic project work that occur outside or above the bankfull channel and have little or no potential to negatively affect fish or fish habitat are not subject to the work periods specified in Appendix D. Examples of such work include replacing bridge decking, constructing a bridge superstructure after footings are in place, and building up the fill over a culvert that is in place. These projects are still bound by the other provisions in Appendix A.
5. Hydraulic projects conducted in intermittent non-fish-bearing streams that are dry during the proposed work are not subject to the work periods specified in Appendix D unless the USFS fish biologist determines the activities are likely to negatively affect fish life, in which case the work periods specified in Appendix D apply.
6. Hydraulic projects conducted in wetted non-fish-bearing streams that are greater than ¼ mile from fish-bearing waters are not subject to the work periods specified in Appendix D unless the USFS fish biologist determines the activities are likely to negatively affect fish life, in which case the work periods specified in Appendix D apply.

Fish Protection

1. The intake on any pump used for diverting water from a fish-bearing waterbody shall be screened with material that has openings no larger than 5/64 inch for square openings, measured side to side, or 3/32 inch diameter for round openings, and the screen must

have at least one square inch of functional screen area for every gallon per minute (gpm) of water drawn through it. For example, a 100 gpm-rated pump would require at least a 100 square inch screen. Screen maintenance shall be adequate to prevent injury or entrapment to juvenile fish and shall remain in place whenever water is withdrawn from the waterbody through the pump intake.

2. Fish within construction sites that will be dewatered or isolated from the main waterbody shall be captured and safely moved from the job site. Fish capture and transportation equipment shall be available on the job site during all inwater activities.
3. If at any time, as a result of project activities, a fish kill occurs, fish are observed in distress, or water quality problems develop that may present a threat to fish life, the Forest Service shall immediately notify the Washington Military Department's Emergency Management Division at 1-800-258-5990 .

Erosion Control

1. Alteration or disturbance of the bed, banks, and bank vegetation of waterbodies shall be minimized and limited to that necessary to construct the project.
2. Erosion prevention and control methods shall be used as necessary during and immediately after project implementation to minimize loss or displacement of soils and to prevent delivery of sediment into waterbody. These may include, but are not limited to, operational techniques, straw bales, silt fencing, erosion control blankets, temporary sediment ponds, and/or immediate mulching of exposed areas. Disturbed ground with the potential to deliver sediment into waterbodies shall be revegetated or protected from surface erosion by seeding, mulching, or other methods prior to the fall rainy season.
3. After project completion, disturbed streambanks and lakeshores shall be revegetated with site-appropriate vegetation to maintain soil stability and provide shade and future sources of large wood. Revegetation can be accomplished by planting or natural reproduction, depending on site conditions.

Dewatering

1. Where the project-specific provisions require worksite isolation from flowing waters and/or dewatering, a written dewatering plan shall be prepared prior to the start of the instream work that describes the method of bypass, location and construction of any coffer dams or diversion dams, the number and size of pumps to be used, and backup plans in place in case of mechanical failure or unanticipated storm events. The dewatering plan does not require review or approval by WDFW.
2. The dewatering system will be designed and installed to minimize erosion and sediment delivery to watercourses and to withstand all streamflows anticipated during the construction period.
3. Water bypassed around the site will be returned to the stream channel downstream of the

work site. The bypass discharge point shall be designed to minimize erosion and scour of the stream channel, banks, and vegetation.

4. Wastewater from project activities within the dewatered area shall be routed to an area outside the bankfull channel to allow removal of fine sediment and other contaminants prior to infiltrating back into waterbodies.
5. Water shall be reintroduced back into the channel in a manner that minimizes the mobilization of fines and sediment into downstream waters.
6. Any materials used to construct the dewatering system will be removed prior to the completion of the project.

Heavy Equipment

1. The use of heavy equipment within the bankfull channel in streams and below the ordinary high water line in lakes is discouraged. If such work is necessary, operation of heavy equipment in these areas shall be minimized and appropriate measures shall be taken to minimize damage to streambanks and streambed.
2. Accumulations of soil or debris shall be removed from drive mechanisms (wheels, tires, tracks, etc.) and undercarriage of all heavy equipment prior to its working within the bankfull channel in streams or below the ordinary high water line in lakes.
3. To prevent contamination, equipment used around waterbodies shall be free of external petroleum-based products. Equipment shall be checked daily for leaks and any necessary repairs shall be completed prior to commencing work activities. All machinery fueling and maintenance involving petroleum products shall occur at a sufficient distance from stream channels, waterbodies, or wetlands to prevent delivery of potential contaminants. Spill containment equipment and material shall be on site.

Concrete and Treated Wood

1. Fresh concrete, concrete by-products, or other chemical contaminants shall not be allowed to enter waterbodies. Structures containing concrete shall be sufficiently cured to prevent leaching prior to contact with the waterbody.
2. Wood treated with creosote or with pentachlorophenol in heavy oil solvent may not be used for wood components that will be over or in contact with water in hydraulic projects. Wood treated with any pentachlorophenol formulation may not be used for in-water contact (i.e., within the 100 year floodplain). All treated wood used for hydraulic projects shall meet or exceed the criteria and guidance established in the most current edition of 'Best Management Practices For the Use of Treated Wood in Aquatic and Other Sensitive Environments' developed by the Western Wood Preservers Institute, Wood Preservation Canada, Southern Pressure Treaters' Association, and Timber Piling Council, and any current amendments or addenda to it. Current amendments and addenda include but may not be limited to 'Amendment #1: CCA - Chromated Copper Arsenate', dated October 25,

2006; and 'Addendum #1: ACC - Acid Chromated Copper', dated February 28, 2007.

Invasive Species Control

1. All materials and equipment used in the construction of hydraulic projects shall be free of aquatic invasive species and noxious weeds. Materials and equipment used at a project site at which aquatic invasive species are already established shall be decontaminated so that no viable aquatic invasive species are transported from the job site.

Other

1. A copy of this MOU shall be available on site at all times when work is conducted under the provisions of Appendix A.

SPECIFIC PROJECT PROVISIONS

Bank Protection

NOTE: Bank protection projects include, but are not limited to: installation and maintenance of riprap, groins, bank barbs, and large wood to protect streambanks and lakeshores from erosion. Bio-engineering is the preferred method of bank protection where practicable. Placing riprap or armoring at individual road/stream crossings is not included under this project type.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting bank protection projects.

1. Bank protection shall be designed, installed and maintained to minimize potential negative effects to aquatic habitat, stream channel morphology, and hydraulics of the stream. Site investigations and selection of appropriate bank stabilization techniques should be guided by the Washington State Integrated Streambank Protection Guidelines (ISPG) or an equivalent process.
2. Bank protection projects shall be designed, installed and maintained to maintain the productive capacity of adjacent aquatic habitat. It may be necessary to incorporate mitigation measures such as placement of log and/or rock structures into project designs to achieve this objective.
3. Where hard armoring is required, bank protection material shall be clean, angular rock and shall be installed to withstand 100-year peak flows. River gravels or other round cobbles shall not be used as exterior armor. Grout or concrete products shall not be used.
4. Placement of bank protection material within the bankfull channel shall be limited to the minimum amount necessary to achieve project objectives. Bank protection material shall not constrict the flow or cause any measurable increase in backwater elevation.
5. A Forest Service staff with expertise in stream processes and fish habitat shall be involved in the planning, design, and implementation of any bank protection project within the bankfull channel of streams or the ordinary high waterline in lakes.
6. Bank protection projects totaling more than 100 lineal feet of bank are not included under Appendix A.
7. Projects involving bulkheads in any waters are not included under Appendix A.

Permanent Culvert Installation and Replacement

NOTE: Permanent culvert installation and replacement projects include installation of new culverts that are installed for more than one year and replacement of existing culverts with similar or larger structures.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting permanent culvert installation or replacement projects.

1. In non fish-bearing waters, provisions highlighted with a * are not required.
2. *Culverts in fish-bearing streams shall be designed, installed, and maintained to provide passage for all fish species and all life stages that are likely to be encountered at the site.
3. *Culverts in fish-bearing streams shall be designed and installed based on the stream simulation approach. Stream simulation designs are intended to mimic the natural stream characteristics and processes.
4. *Site investigations and selections of appropriate stream simulation culvert designs will be guided by the current version of Forest Service design manual "Stream Simulation: An Ecological Approach to Providing Passage for Aquatic Organisms as Road-Stream Crossings" or the current version of Washington State "Design of Road Culverts for Fish Passage".
5. *Forest Service shall notify WDFW when it begins the design process for a fish passage culvert. Collaboration is encouraged on these projects and can be initiated by either agency.
6. *A Forest Service staff with expertise in stream processes and fish habitat shall be on-site during initial culvert placement and placement of streambed materials inside the pipe for all culverts in fish-bearing streams.
7. *Installation of baffled culverts in fish-bearing streams is not included under Appendix A.
8. *Installation of culverts in fish-bearing streams utilizing the "Hydraulic Method" or "No-Slope" method are not included under Appendix A.
9. Culverts shall be designed, installed and maintained to accommodate the 100-year peak flow with consideration of the sediment load and wood likely to be encountered.
10. Culverts shall be designed, installed and maintained to avoid negative channel changes such as inlet scouring or erosion of the streambed or banks downstream of the project.

11. The crossing structure shall consist of a single culvert.
12. Construction sites shall be dewatered or isolated from flowing waters to prevent delivery of sediment to watercourses.
13. Every effort shall be made to avoid stream crossings with heavy equipment. A single round-trip equipment crossing of the stream channel shall be allowed, if necessary. Equipment operation within the stream channel inside of the approximate culvert footprint is permissible so long as the stream has been dewatered.

Permanent Bridge Installation and Replacement

NOTE: Permanent bridge installation and replacement projects include new bridges that are installed for more than one year, replacing culverts with permanent bridges, and replacing or upgrading permanent bridges.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting permanent bridge installation or replacement projects.

1. In non fish-bearing waters, provisions highlighted with a * are not required.
2. *Bridges on fish-bearing streams shall be designed, installed, and maintained to provide unhindered passage for all fish species and all life stages that are likely to be encountered at the site.
3. * Forest Service shall notify WDFW when it begins the design process for permanent bridges on fish bearing streams. Collaboration is encouraged on these projects and can be initiated by either agency when there are concerns about any of these projects.
4. Installation of multiple span bridges with piers within the bankfull channel is not included under Appendix A.
5. Bridges shall be designed, installed and maintained to accommodate the 100-year peak flow with consideration of the sediment load and wood likely to be encountered.
6. Bridges shall be designed, installed and maintained to avoid causing negative channel effects such as scouring or erosion of the streambed or banks.
7. No abutments or riprap shall be placed within the bankfull channel.
8. Construction sites shall be dewatered or isolated from flowing waters to prevent delivery of sediment to watercourses.
9. Every effort shall be made to avoid stream crossings with heavy equipment. A single round-trip equipment crossing of the stream channel shall be allowed, if necessary.

Permanent Culvert, Bridge, and Ford Removal

NOTE: Permanent stream crossing structures include culverts, bridges, and fords of any size that have been in place for more than one year. The following provisions cover the permanent removal of these stream crossing structures.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting permanent culvert, bridge, or ford removal projects.

1. All fill material and man-made structures that may impede channel-forming or channel-migration processes shall be removed. The natural stream channel profile shall be restored. Bottom width opening of the fill removal at stream channel crossings shall be equal to, or greater than, the natural bankfull channel width.
2. Streambanks shall be shaped to mimic the natural stream channel and banks and restore the natural valley configuration.
3. Streambed substrates shall mimic the natural streambed characteristics upstream and downstream of the crossing removal. Large woody material and/or large rocks may need to be placed within the crossing removal site to accomplish this objective.
4. The toe of the excavation shall be stabilized with large wood, appropriately sized rock, and/or vegetation as necessary to prevent excessive erosion of the new streambanks.
5. Construction sites shall be dewatered or isolated from flowing waters to prevent delivery of sediment to watercourses.
6. Every effort shall be made to avoid stream crossings with heavy equipment. A single round-trip equipment crossing of the stream channel shall be allowed, if necessary.

Temporary Culvert and Bridge Installation and Removal

NOTE: Temporary culvert and bridge installation and removal includes culverts and bridges of any size that are installed to accommodate a single season of work. They are removed prior to the onset of high flows.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting temporary culvert projects.

1. In non fish-bearing waters, provisions highlighted with a * are not required.
2. *When placed in fish-bearing waters, the stream crossing structure shall be designed, installed, and maintained to provide unhindered passage for all fish species and all life stages that are likely to be encountered at the site during the period the structure will be in place.
3. The crossing structure shall be designed, installed and maintained to pass all anticipated stream flows, sediment, and wood likely to be encountered at the site during the period the structure will be in place.
4. Imported fill which will remain in the stream after temporary culvert removal shall consist of clean, rounded, uniformly-graded gravel or material that mimics the naturally occurring bed material at the site.
5. Clean, angular rock may be used for fill provided that all of the rock is removed from the stream upon removal of the temporary culvert. Fabric underlayment may be needed to achieve complete removal of fill material.
6. The temporary stream crossing structure shall only remain in place during the work periods allowed in Appendix D.
7. Affected streambed and bank areas shall be restored to pre-project condition following removal of the temporary culvert or bridge.
8. Construction sites shall be dewatered or isolated from flowing waters to prevent delivery of sediment to watercourses.
9. Every effort shall be made to avoid stream crossings with heavy equipment. Single round-trip equipment crossings of the stream channel shall be allowed for both installation and removal, if necessary.

Permanent Ford Construction and Maintenance

NOTE: Fords range from highly engineered concrete or rock structures designed for high clearance vehicles during low water periods to simple hardened crossings for livestock or trail users. Fords designed for use by automobiles, trucks, or heavy equipment are generally discouraged. Culverts or bridges should be utilized at these sites whenever possible.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when constructing or maintaining permanent ford projects.

1. In non fish-bearing waters, provisions highlighted with a * are not required.
2. * Construction of fords in fish-bearing streams is limited to existing livestock, hiking trail, or off-highway vehicle crossings. Construction of fords for standard highway vehicles in fish-bearing streams is not included under Appendix A.
3. * Fords in fish-bearing streams shall be designed, installed, and maintained to provide unhindered passage for all fish species and all life stages that are likely to be encountered at the site.
4. *A Forest Service staff with expertise in stream processes and fish habitat shall be on-site during ford construction in fish-bearing streams.
5. Fords shall be designed, installed and maintained to avoid negative channel changes such as channel widening or erosion of the streambed or streambanks.
6. The number of fords constructed through individual streams or reaches shall be minimized to limit streambank and streambed disturbance.
7. Permanent fords shall be installed to maintain structural integrity to the 100-year peak flow.
8. Construction sites shall be dewatered or isolated from flowing waters to prevent delivery of sediment to watercourses.
9. A single round-trip equipment crossing of the stream channel at the ford site shall be allowed during construction of the ford.

Temporary Ford Construction and Removal

NOTE: Temporary fords include those fords that are installed to accommodate a single season of work. They are removed prior to the onset of high flows. Temporary fords range from crossings designed for high clearance vehicles during low water periods to simple hardened crossings for livestock or trail users. Temporary fords designed for use by automobiles, trucks, or heavy equipment are generally discouraged.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting temporary ford projects.

1. In non fish-bearing waters, provisions highlighted with a * are not required.
2. * Construction of temporary fords for standard highway vehicles in fish-bearing streams is not included under Appendix A.
3. * Fords in fish-bearing streams shall be designed, installed, and maintained to provide unhindered passage for all fish species and all life stages that are likely to be encountered at the site.
4. *A Forest Service staff with expertise in stream processes and fish habitat shall be on-site during ford construction in fish-bearing streams.
5. The temporary ford shall only remain in place during the work periods allowed in Appendix D.
6. Fords shall be designed, installed and maintained to avoid negative channel changes such as channel widening or erosion of the streambed or streambanks.
7. Imported fill which will remain in the stream after temporary ford removal shall consist of clean, rounded, uniformly-graded gravel or material that mimics the naturally occurring bed material at the site.
8. Clean, angular rock may be used for fill provided that all of the rock is removed from the stream upon removal of the temporary ford.
9. The streambed and streambanks shall be restored to pre-project conditions following removal of the temporary ford.
10. Construction sites shall be dewatered or isolated from flowing waters to prevent delivery of sediment to watercourses.
11. A single round-trip equipment crossing of the stream channel at the temporary ford shall be allowed during construction of the ford and again during removal of the ford.

Bridge Maintenance

NOTE: Bridge maintenance activities include deck cleaning, painting, replacing decking, and minor structural repairs outside of the wetted perimeter or above the bankfull elevation. This project type also includes repair of existing sills and columns. This project type does not include placement of riprap.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting bridge maintenance projects.

1. No material (i.e. sediments, paint, wood, rock, grease, sand, etc.) shall be allowed to enter waterbodies.
2. Maintenance activities shall not result in damage to the stream bed or banks.

Culvert and Bridge Debris Removal

NOTE: Culvert and bridge debris removal includes removing wood, trash, and accumulated bedload from the immediate vicinity of these structures to maintain their functionality. Large woody material is defined as trees or tree parts larger than 4 inches in diameter and longer than 6 feet in length, and rootwads.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting culvert and bridge debris removal projects.

1. Woody material and trash may be removed from and/or repositioned within a maximum of 25 feet upstream of a culvert inlet, within 25 feet downstream of a culvert outlet and from bridge piers, braces, wingwalls and abutments. Debris may also be removed from entirely artificial watercourses, such as highway ditches that were never part of a natural stream channel.
2. To promote the natural passage of wood through the system, large woody material that is removed from above a culvert or bridge shall be placed back into the stream channel below the structure whenever feasible.
3. The removal or repositioning of existing large woody material embedded in a streambank or streambed is not included under Appendix A. Embedded large woody material is defined as large woody material that is buried by sediments that were deposited prior to the most recent high water event.
4. Debris removal projects that remove substantial quantities of large wood from the stream channel and do not reposition the material back into the stream channel below the structure are not included under Appendix A.
5. Large accumulations of debris shall be removed gradually to prevent a sudden release of impounded water, bedload, logs, or other material that may result in downstream bed and bank degradation, sedimentation or flooding.
6. Up to 50 cubic yards of deposited bedload material (boulders, round river rock, and gravel) above a structure may be removed from the stream channel, if necessary to maintain proper functioning of a culvert or bridge. Bedload material may only be removed within a maximum of 25 feet upstream of a culvert inlet, bridge pier, wingwall or abutment.
7. The use of explosives to remove culvert or bridge debris is not included under Appendix A.
8. Accumulations of wood associated with beaver activity that are impinging on or restricting the capacity of a culvert or bridge may be removed under this project type.

New beaver dams (less than 1 year old) that are within 25 feet of a water crossing structure and which pose potential risk to the stability or function of the structure may also be removed under this project type.

9. Removal of established beaver dams (more than 1 year old) is not included under Appendix A.

Instream Habitat Improvement

NOTE: Instream habitat improvement projects include, but are not limited to the placement of large wood complexes, log weirs, rock and log spurs, boulders, and vortex rock weirs.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting instream restoration/enhancement projects.

1. A Forest Service staff with expertise in stream processes and fish habitat shall be involved in planning and design and shall be on-site during construction or placement of instream habitat improvement structures.
2. Work operations shall be conducted to minimize the generation or redistribution of sediment within stream channels. If high flow conditions are encountered during project construction, work shall stop until the flow subsides.
3. Instream excavation shall be limited to the minimum amount necessary to construct the project.
4. If the project includes excavation of the streambed or banks, those work areas shall be isolated from flowing waters to prevent movement of sediment and minimize turbidity.
5. Existing boulders or large woody material embedded in the streambank or streambed shall be left undisturbed.
6. Instream habitat improvement projects shall be designed, installed and maintained to avoid negative channel effects such as excessive erosion of the streambed or banks. Project designs shall consider downstream and off-site impacts in addition to site-specific changes.
7. Projects that are intended to create permanent changes in channel location (such as reopening side channels or rerouting existing stream channels) are not included under Appendix A.

Streambank Restoration

NOTE: Streambank restoration projects include shaping channel banks and utilizing bio-engineering techniques to increase stability and restore natural function and native vegetation on disturbed sites. This project type includes restoration of off-road vehicle (ORV) roads/trails in riparian areas.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting streambank restoration projects.

1. Bank restoration activities shall be designed and installed to maintain or improve the natural aquatic habitat, riparian condition, stream channel morphology, and hydraulics of the stream. Site investigations and selection of appropriate bank stabilization techniques should be guided by the Washington State Integrated Streambank Protection Guidelines (ISPG) or similar process.
2. Placement of riprap for bank protection is not included under Appendix A for this project type.
3. A Forest Service staff with expertise in stream processes and fish habitat shall be involved in the planning, design, and implementation of any bank restoration project within the bankfull channel of streams or the ordinary high waterline in lakes.
4. Specific project provisions for removal of ORV stream crossings and fords are addressed under “Permanent Culvert, Bridge, and Ford Removal”.

Non-Emergency Water Withdrawal

NOTE: Water withdrawal projects include removal of water from streams, lakes or ponds for non-emergency uses such as road dust abatement. Water is generally removed by pumping at established “pump chances” or “pumper shows” although it may also be withdrawn by other means.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting water diversion projects.

1. Only non-emergency fire response and non-emergency pumping of water and construction of associated small sandbag or gravel berm dams with hand tools are included under Appendix A.
2. The location, pumping rate, and duration of water withdrawals shall be designed to minimize aquatic impacts. Pumping shall not reduce streamflows to the detriment to fish life.
3. Any intake on a pump used for withdrawing water from fish-bearing waterbodies shall be screened with material that has openings no larger than 5/64 inch for square openings, measured side to side, or 3/32 inch diameter for round openings, and the screen must have at least one square inch of functional screen area for every gallon per minute (gpm) of water drawn through it. For example, a 100 gpm-rated pump would require at least a 100 square inch screen. Screen maintenance shall be adequate to prevent injury or entrapment to juvenile fish and shall remain in place whenever water is withdrawn from waterbodies through the pump intake.
4. Temporary gravel berm dams shall be constructed of gravels available on-site within the bankfull channel, or of clean, round gravel transported to the site.
5. No dirt from outside the bankfull channel shall be used to seal the dam and no logs or woody material within the bankfull channel shall be utilized for construction of the temporary dam.
6. Temporary sandbag or gravel berm dams shall be completely dismantled and the streambed restored to its original condition following completion of withdrawal.

Fish Traps

NOTE: Fish traps include all types of passive or active mechanisms for the collection of juvenile fish or smolts with the exception of portable electrofishing equipment.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting fish trap projects.

1. Fish traps shall be installed using hand tools only.
2. Fish traps shall be checked and fish removed from them at least daily.
3. Smolt and juvenile fish traps shall not hinder adult fish passage.
4. The trap shall be completely removed following completion of trapping.
5. Adult fish trap projects are not included under Appendix A.

Piers, Docks, and Floats

NOTE: The following provisions apply to installation and maintenance of piers, docks and floats in freshwaters.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting pier, dock and float projects.

1. Piers, docks, and floats shall be designed, installed and maintained and constructed to minimize negative impacts to the streambed, lakebed, aquatic vegetation, and fish.
2. Piers, docks, and floats shall be designed and constructed to allow maximum natural light penetration so that the light areas are evenly distributed under the surface of the structure in order to avoid the creation of large dark areas. This may be accomplished by such methods as structure orientation, placement in deep water, or installing open grating.
3. Footings and foundations shall not be placed within the bankfull channel in streams or the ordinary high water line in lakes. Piles may be installed by methods other than pile driving as necessary within these areas to support the structure. Installation or placement of new piles within the bankfull channel in streams or the ordinary high water line in lakes shall be minimized. Pile driving is not covered in Appendix A.
4. The structure shall be designed, installed and maintained to prevent the breakup or loss of the floatation material into the water.
5. New docks and floats shall be designed, installed and maintained so that no portion of the structure grounds out on the streambed or lakebed.

Timber Felling and Yarding

NOTE: Felling and yarding activities include: felling of timber, hanging and moving cable, and yarding timber.

In addition to the General Provisions Applicable to All Projects, the following project-specific provisions apply when conducting felling and yarding projects.

1. With the exception of trees felled for instream habitat improvements, trees shall not be felled into or across a waterbody with identifiable bed or banks.
2. Any trees inadvertently felled into a fish-bearing stream shall remain undisturbed to serve as fish habitat unless a Forest Service staff with expertise in stream processes and fish habitat approves their removal.
3. Timber felling and yarding activities shall be designed and conducted to prevent or minimize damage to beds, banks, and riparian vegetation.
4. If limbs or other small debris enter a perennial stream channel as a result of timber felling or yarding in quantities that may be detrimental to fish or fish habitat, they shall be removed within 72 hours and placed outside the bankfull width. Limbs or other small debris in quantities that may be detrimental to fish or fish habitat shall be removed from intermittent streams prior to the normal onset of high flows. Large woody material that was in place prior to felling and yarding of timber shall not be disturbed.

APPENDIX B. HYDRAULIC PROJECTS NOT COVERED BY APPENDIX A

Project designs, implementation procedures, and mitigation needs, if any, for hydraulic project types which are not included in Appendix A or for projects that do not meet all of the general and project-specific provisions in Appendix A shall be developed collaboratively with WDFW on a site-specific basis. (Note – Agreed-upon adjustments to work periods will be considered “minor modifications” to project provisions and will not exclude the project from being implemented under Appendix A).

WDFW shall complete the coordination and transmit written documentation of the agreement on design and implementation standards for these projects to the Forest Service within 45 days of a request for collaboration.

This Appendix also includes projects conducted in response to imminent threat (those threatened by weather, water flow, or other natural conditions that are likely to occur within sixty days - typically considered to be expedited projects by WDFW staff), but not immediate danger or emergency situations. WDFW shall complete the coordination and transmit written documentation of the agreement on design and implementation standards for imminent threat projects to the Forest Service within 15 days of a request for collaboration.

The Forest Service shall immediately notify the appropriate WDFW Regional Habitat Program Manager if it becomes aware that project activities occur that do not adhere to Appendix B provisions. Additionally, the Forest Service shall immediately notify the appropriate WDFW Regional Habitat Program Manager of project activities that do adhere to these provisions but that may result in unanticipated fish or fish habitat damage.

Hydraulic projects conducted in saltwater are not included under Appendix A. Project designs, implementation procedures, work periods, and mitigation needs, if any, for hydraulic projects in saltwater shall be developed collaboratively with WDFW on a site-specific basis.

See Appendix C for hydraulic projects conducted in response to immediate danger or emergency situations.

APPENDIX C. EMERGENCY ACTIONS

For the purposes of this MOU, emergencies are defined as an immediate threat to life or property or an immediate threat of serious environmental degradation arising from weather, high stream flows, fire, or other natural conditions. General activities that are often undertaken in response to an emergency include, but are not limited to, repairing existing structures, protecting property that is in immediate danger, moving obstructions, stabilizing streambanks, and driving across streams.

For those hydraulic projects that are conducted in response to emergency situations, the Forest Service shall attempt to contact WDFW to collaborate prior to initiating the activity. During normal business hours the local WDFW Area Habitat Biologist shall be contacted directly. If the appropriate Area Habitat Area Biologist is not known or is not able to be contacted, the WDFW Regional Habitat Program Manager shall be contacted. The after-hours telephone number (360) 902-2537, shall be used outside of normal business hours. Projects may proceed immediately based on verbal agreement between the Forest Service and WDFW on project design and implementation standards. WDFW shall document the verbal agreement in writing within 30 days.

For emergency situations in which prior collaboration is not possible, the Forest Service shall conduct hydraulic projects in an environmentally sensitive manner and contact WDFW at the first opportunity regarding the emergency project. Emergency projects shall be limited to short-term fixes necessary to maintain public safety and to protect property and facilities from immediate damage. The Forest Service shall contact the appropriate Area Habitat Biologist within 30 days of emergency project completion to collaborate on long-term fixes and mitigation measures necessary to alleviate impacts of the emergency project, if any.

The Forest Service shall immediately notify the appropriate WDFW Regional Habitat Program Manager if it becomes aware that project activities have occurred under this Appendix but they do not meet the definition of “emergency” as described above. Additionally, the Forest Service shall immediately notify the appropriate WDFW Regional Habitat Program Manager of project activities that do adhere to these provisions but that may result in unanticipated fish or fish habitat damage.

APPENDIX D. WORK PERIODS FOR HYDRAULIC PROJECTS

Freshwater hydraulic projects conducted under Appendix A in fish-bearing streams or in tributary streams within ¼ mile of fish-bearing streams will be implemented only during the work periods outlined in Appendix D unless the Forest Service fisheries biologist and the WDFW Area Habitat Biologist agree that implementing the activity outside of the normal work period would be unlikely to cause negative impacts to fish and fish habitat. The location of the project within a watershed, site-specific conditions, circumstances, nature of the proposed work, and fish species and life stages actually present at the project site may make alternative instream work periods acceptable for many projects.

Any agreements to modify the work periods in Table 1 for specific projects or specific sites shall be documented by WDFW. Agreed-upon adjustments to work periods will be considered a “minor modification” to project provisions and will not exclude the project from being implemented under Appendix A.

Table 1 is subject to change by WDFW as warranted by new biological information. Revised versions of Table 1 shall be forwarded to the Forest Service by WDFW and shall be immediately incorporated into this MOU.

Those portions of hydraulic project work that occur outside or above the bankfull channel and have little or no potential to negatively affect fish or fish habitat are not subject to the work periods specified in Table 1. Examples of such work include replacing bridge decking, constructing a bridge superstructure after footings are in place, and building up the fill over a culvert that is in place. These projects are still bound by the other provisions within this MOU.

Hydraulic projects conducted in intermittent streams that are dry and are anticipated to remain dry during project activities are not subject to the work periods specified in Appendix D unless USFS fish biologists determine the activities are likely to negatively affect fish life. In that case the work periods specified in Appendix D apply.

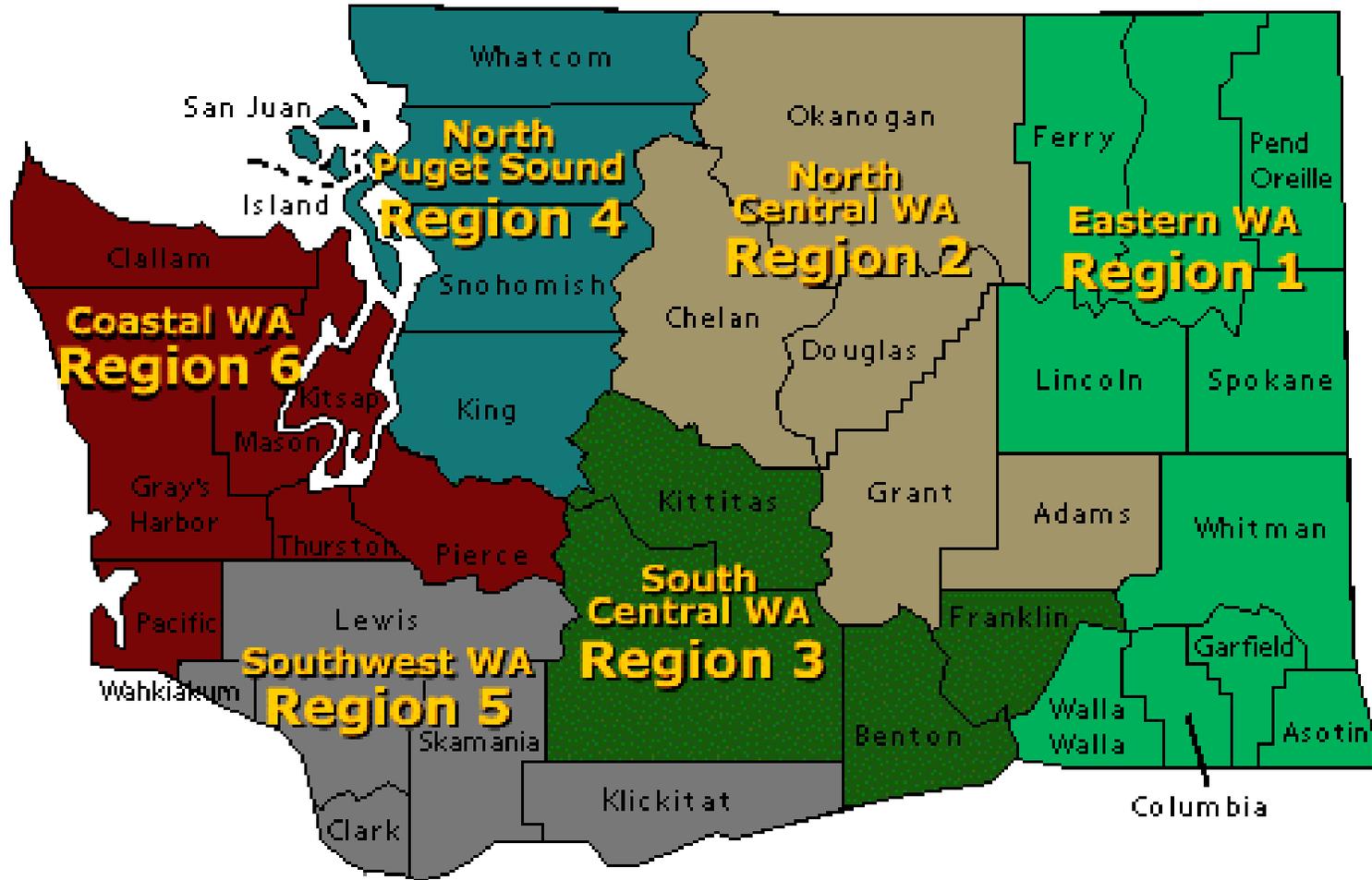
Hydraulic projects conducted in wetted non-fish-bearing streams that are greater than ¼ mile from fish-bearing waters are not subject to the work periods specified in Appendix D unless USFS fish biologists determine the activities are likely to negatively affect fish life. In that case the work periods specified in Appendix D apply.

Work periods for hydraulic projects conducted in saltwater shall be established collaboratively with WDFW on a site-by-site basis.

APPENDIX E. CONTACT INFORMATION FOR WDFW REGIONAL HABITAT PROGRAM MANAGERS

WDFW REGIONAL HABITAT PROGRAM MANAGERS			
WDFW Region	Headquarters Location	Regional Habitat Program Manager and E-Mail Address	Address/Phone Number
Region 1 Asotin, Columbia, Ferry, Garfield, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	Spokane	Mark Wachtel mark.wachtel@dfw.wa.gov	WDFW, Region 1 2315 North Discovery Place Spokane Valley, WA 99216-1566 (509) 892-1001
Region 2 Adams, Douglas, Franklin, Grant, Okanogan	Ephrata	Peter Birch (acting) peter.birch@dfw.wa.gov	WDFW, Region 2 1550 Alder ST NW Ephrata, WA 98823-9699 (509) 754-4624
Region 3 Benton, Chelan, Kittitas, Yakima	Yakima	Perry Harvester perry.harvester@dfw.wa.gov	WDFW, Region 3 1701 S 24 th Avenue Yakima, WA 98902-5720 (509) 575-2740
Region 4 Island, King, San Juan, Skagit, Snohomish, Whatcom	Mill Creek	David Brock david.brock@dfw.wa.gov	WDFW, Region 4 16018 Mill Creek Blvd. Mill Creek, WA 98012-1541 (425) 775-1311
Region 5 Clark, Cowlitz, Klickitat, Lewis, Skamania, Wahkiakum	Vancouver	Dave Howe david.howe@dfw.wa.gov	WDFW, Region 5 2108 Grand Blvd. Vancouver, WA 98661 (360) 696-6211
Region 6 Clallam, Grays Harbor, Jefferson, Kitsap, Mason, Pacific, Pierce, Thurston	Montesano	Steve Kalinowski stephan.kalinowski@dfw.wa.gov	WDFW, Region 6 48 Devonshire RD Montesano, WA 98563 (360) 249-4628

Washington Department of Fish and Wildlife Regions



APPENDIX F. CONTACT INFORMATION FOR U.S. FOREST SERVICE STAFF

FOREST SERVICE FOREST-LEVEL MOU CONTACTS		
National Forest	Contact Person and E-Mail Address	Address/Phone Number
Columbia Gorge National Scenic Area	Brett Carre Fish and Wildlife Biologist email: bcarre@fs.fed.us	Columbia River Gorge National Scenic Area 902 Wasco Avenue, Suite 200 Hood River, OR 97031 541-308-1718
Colville National Forest	Brian Peck Fisheries Program Manager bjpeck@fs.fed.us	Colville National Forest 765 South Main Colville, WA 99114 509-447-7373
Gifford Pinchot National Forest	Ruth Tracy Soil & Water Program Manager rtracy@fs.fed.us	Gifford Pinchot National Forest 10600 NE 51st Circle Vancouver, WA 98682 360-891-5112
Mt Baker-Snoqualmie National Forest	Amy Lieb Soil & Water Program Manager alieb@fs.fed.us	Mt. Baker-Snoqualmie National Forest 2930 Wetmore Ave., Suite 3A Everett, WA 98201 425-783-6032
Olympic National Forest	Bob Metzger Aquatic Program Manager rpmetzger@fs.fed.us	Olympic National Forest 1835 Black Lake Blvd. SW, Suite A Olympia, WA 98512-5623 360-956-2293
Umatilla National Forest	Caty Clifton Forest Hydrologist cclifton@fs.fed.us	Umatilla National Forest 2517 SW Hailey Ave Pendleton, OR 97801 541-278-3822
Okanogan-Wenatchee National Forests	Richard Vacirca Fisheries Program Manager rvacirca@fs.fed.us	Okanogan-Wenatchee National Forests 215 Melody Lane Wenatchee, WA 98801-5933 509-664-9361

Table 1. ALLOWABLE FRESHWATER WORK TIMES FOR RIVERS AND STREAMS

Check the listing for the county in which you propose to work to determine the work time for that stream.

<p>Washington Counties and State Waters including tributaries unless otherwise indicated¹ Water Resource Inventory Area (WRIA) is given in parentheses</p>	<p>Work Is Allowed Only Between These Dates “Site Specific Timing Required” means: consultation with WDFW required to determine timing</p>
Adams County	July 1 - October 31
Crab Creek (41.0002)	July 16 - February 28
Esquatzel Creek (36.MISC)	June 1 - February 28
Palouse River (34.0003)	July 16 - February 28
Asotin County	July 16 - September 15
Snake River (35.0002)	See below
Alpowa Creek (35.1440)	July 16 - December 15
Asotin Creek (35.1716)	July 16 - August 15
Couse Creek (35.2147)	July 16 - December 15
Grande Ronde River (35.2192)	July 16 - September 15
Tenmile Creek (35.2100)	July 16 - December 15
Benton County	June 1 - September 30
Columbia River	See below
Glade Creek (31.0851)	August 1 - September 30
Yakima River (37.0002)	June 1 - September 15
Amon Creek (37.0009)	June 1 - September 30
Corral Creek (37.0002)	June 1 - September 30
Spring Creek (37.0205)	June 1 - September 30
Chelan County	July 16 - August 15
Columbia River	See below
Antoine Creek (49.0294) - Mouth to falls at river mile 1.0	July 1 - February 28

1. The general work time for a county applies to all streams within that county, unless a specific work time is given for a listed stream in that county. The work time for a listed stream applies to all its tributaries, unless a tributary of that stream is also listed. Please note that these work times do not apply to lakes or marine waters.

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<p>Washington Counties and State Waters including tributaries unless otherwise indicated¹ Water Resource Inventory Area (WRIA) is given in parentheses</p>	<p>Work Is Allowed Only Between These Dates “Site Specific Timing Required” means: consultation with WDFW required to determine timing</p>
Antoine Creek (49.0294) - Upstream of falls at river mile 1.0	July 1 - March 31
Chelan River (47.0052) - Mouth to Chelan Dam	July 16 - September 30
Colockum Creek (40.0760)	July 1 - October 31
Entiat River (46.0042) - Mouth to Entiat Falls	July 16 - July 31
Entiat River (46.0042) - Upstream of Entiat Falls	July 16 - March 31
Crum Canyon (46.0107)	July 16 - March 31
Mad River (46.0125)	July 16 - July 31
Indian Creek (46.0128)	July 16 - February 28
Lake Chelan (47.0052)	Site Specific Timing Required
Railroad Creek (47.0410)	July 16 - September 30
Stehekin River (47.0508)	Site Specific Timing Required
Twenty-five Mile Creek (47.0195)	July 16 - September 30
Other Lake Chelan tributaries outside North Cascades National Park	July 1 - August 15
Other Lake Chelan tributaries within North Cascades National Park	Site Specific Timing Required
Number 1 Canyon (45.0011)	July 1 - February 28
Number 2 Canyon (45.0012)	July 1 - February 28
Squilchuck Creek (40.0836) - Mouth to South Wenatchee Avenue	July 1 - September 30
Squilchuck Creek (40.0836) - Upstream of South Wenatchee Avenue	July 1 - February 28
Stemilt Creek (40.0808) - Mouth to falls	July 1 - September 30
Stemilt Creek (40.0808) - Upstream of falls	July 1 - February 28

1. The general work time for a county applies to all streams within that county, unless a specific work time is given for a listed stream in that county. The work time for a listed stream applies to all its tributaries, unless a tributary of that stream is also listed. Please note that these work times do not apply to lakes or marine waters.

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Check the listing for the county in which you propose to work to determine the work time for that stream.

<p>Washington Counties and State Waters including tributaries unless otherwise indicated¹ Water Resource Inventory Area (WRIA) is given in parentheses</p>	<p>Work Is Allowed Only Between These Dates “Site Specific Timing Required” means: consultation with WDFW required to determine timing</p>
Wenatchee River (45.0030) - Mouth to Lake Wenatchee	July 1 - July 31
Beaver Creek (45.0751)	July 1 - September 30
Chiwaukum Creek (45.0700)	July 1 - July 31
Chiwawa River (45.0759) - Mouth to Phelps Creek	July 1 - July 31
Chiwawa River (45.0759) - Upstream of Phelps Creek	July 1 - July 31
Deep Creek (45.0764)	July 1 - February 28
Phelps Creek (45.0875)	July 16 - August 15
Icicle Creek (45.0474) - Mouth to Johnny Creek	July 1 - July 31
Icicle Creek (45.0474) - Upstream of Johnny Creek	July 1 - July 31
Fourth of July Creek (45.0525)	July 1 - February 28
Lake Wenatchee (45.0030)	Site Specific Timing Required
Little Wenatchee (45.0985) - Mouth to Wilderness Boundary	July 1 - July 31
Little Wenatchee (45.0985) - Upstream of Wilderness Boundary	Site Specific Timing Required
White River (45.1116) - Mouth to White River Falls	July 1 - July 31
White River (45.1116) - Upstream of White River Falls	July 1 - February 28
Nason Creek (45.0888)	July 1 - July 31
Peshastin Creek (45.0232) - Mouth to Negro Creek	July 16 - August 15
Peshastin Creek (45.0232) - Upstream of Negro Creek	August 1 - February 28
Ingalls Creek (45.0273) - Mouth to Cascade Creek	Site Specific Timing Required
Ingalls Creek (45.0273) - Upstream of Cascade Creek	July 16 - February 28
Negro Creek (45.0323) - Mouth to falls at stream mile 2.9	Site Specific Timing Required

1. The general work time for a county applies to all streams within that county, unless a specific work time is given for a listed stream in that county. The work time for a listed stream applies to all its tributaries, unless a tributary of that stream is also listed. Please note that these work times do not apply to lakes or marine waters.

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Check the listing for the county in which you propose to work to determine the work time for that stream.

<p>Washington Counties and State Waters including tributaries unless otherwise indicated¹</p> <p>Water Resource Inventory Area (WRIA) is given in parentheses</p>	<p>Work Is Allowed Only Between These Dates</p> <p>“Site Specific Timing Required” means: consultation with WDFW required to determine timing</p>
Negro Creek (45.0323) - Upstream of falls at stream mile 2.9	July 16 - February 28
Ruby Creek (45.0318)	July 16 - February 28
Tronson Creek (45.0346)	August 1 - February 28
Scotty Creek (45.0376)	August 1 - February 28
Shaser Creek (45.0365)	August 1 - February 28
Clallam County	July 16 - September 15
Clallam River (19.0129)	August 1 - August 15
Dungeness River (18.0018)	Site Specific Timing Required
Independent Creek (18.MISC)	August 1 - August 31
Elwha River (18.0272)	August 1 - August 15
Hoko River (19.0148)	August 1 - September 15
Jimmycomelately Creek (17.0285)	August 1 - August 31
Lake Ozette (20.0046)	Site Specific Timing Required
Little Quilcene River (17.0076)	July 16 - August 31
Lake Ozette tributaries	July 16 - September 15
Lyre River (19.0031)	August 1 - September 15
McDonald Creek (18.0160)	August 1 - September 15
Morse Creek (18.0185)	August 1 - August 15
Ozette River (20.0046)	July 16 - September 15
Pysht River (19.0113)	August 1 - September 15
Quillayute River (20.0096, 20.0162, 20.0175)	August 1 - August 15

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Table 1. ALLOWABLE FRESHWATER WORK TIMES FOR RIVERS AND STREAMS

Check the listing for the county in which you propose to work to determine the work time for that stream.

<p>Washington Counties and State Waters including tributaries unless otherwise indicated¹ Water Resource Inventory Area (WRIA) is given in parentheses</p>	<p>Work Is Allowed Only Between These Dates “Site Specific Timing Required” means: consultation with WDFW required to determine timing</p>
Bogachiel River (20.0162)	Site Specific Timing Required
Calawah River (20.0175)	August 1 - August 15
Salmon Creek (17.0245)	July 16 - August 31
Sekiu River (19.0203)	August 1 - September 15
Snow Creek (17.0219)	July 16 - August 31
Sol Duc River (20.0096)	Site Specific Timing Required
Lake Pleasant (20.0313)	Site Specific Timing Required
Lake Pleasant tributaries	July 16 - September 15
Sooes River (20.0015)	July 16 - September 15
Clark County	July 16 - September 30
Columbia River	See below
Lacamas Creek (28.0160) - Mouth to dam	August 1 - August 31
Lacamas Creek (28.0160) - Upstream of dam	August 1 - September 30
Lewis River (27.0168)	August 1 - August 15
East Fork Lewis River (27.0173) - Mouth to Lucia Falls	August 1 - August 15
East Fork Lewis River (27.0173) - Lucia Falls to Sunset Falls	August 1 - February 28
East Fork Lewis River (27.0173) - Upstream of Sunset Falls	August 1 - February 28
Lake River (28.0020)	January 1 - December 31
Burnt Bridge Creek (28.0143)	August 1 - August 31
Salmon Creek (28.0059)	August 1 - August 31
Whipple Creek (28.0038)	August 1 - September 30

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North Fork Lewis River (27.0334) - Confluence of East Fork to Merwin Dam	August 1 - August 15
Cedar Creek (27.0339)	August 1 - September 15
North Fork Lewis River (27.0334) - Merwin Dam to Lower Falls	July 16 - August 15
Canyon Creek (27.0442)	July 16 - February 28
North Fork Lewis River (27.0168) - Upstream of Lower Falls	July 16 - August 15
Washougal River (28.0159) - Mouth to headwaters	August 1 - August 31
Columbia County	July 16 - September 30
Touchet River (32.0097)	August 1 - August 15
Grande Ronde River tributaries (35.2192)	July 16 - August 15
North Fork Touchet/Wolf Fork (32.0761)	Site Specific Timing Required
South Fork Touchet (32.0708)	Site Specific Timing Required
Tucannon River (35.0009)	July 16 - August 15
Walla Walla River (32.0008) - Mouth to Oregon State line	July 16 - September 15
Mill Creek (32.1436) - Mouth to Oregon State line	August 1 - August 15
Cowlitz County	July 16 - September 30
Chehalis River (22.0190/23.0190) - South Fork Chehalis River - Mouth to Fisk Falls	August 1 - August 31
Chehalis River (22.0190/23.0190) - South Fork Chehalis River - Upstream of Fisk Falls	August 1 - August 31
Columbia River	See below
Abernathy Creek (25.0297)	July 16 - September 15
Burke Creek (27.0148)	August 1 - August 31

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Burriss Creek (27.0151)	August 1 - August 31
Bybee Creek (27.0142)	August 1 - August 31
Canyon Creek (27.0147)	August 1 - August 31
Coal Creek (25.0340)	July 16 - September 15
Clark Creek (25.0371)	August 1 - August 31
Cowlitz River (26.0002) - Mouth to barrier dam at river mile 49.5	July 16 - August 15
Coweeman River (26.0003) - Mouth to Baird Creek	August 1 - August 31
Coweeman River (26.0003) - Upstream of Baird Creek	August 1 - August 31
Cowlitz River (26.0002) - Tributaries below barrier dam to mouth	July 16 - September 30
Owl Creek (26.1441)	July 16 - September 15
Toutle River (26.0227)	July 16 - August 15
North Fork Toutle River (26.0314) - Mouth to Debris Dam	July 16 - August 15
North Fork Toutle River (26.0314) - Upstream of Debris Dam	July 16 - August 15
Green River (26.0323) - Mouth to Shultz Creek	July 16 - September 30
Green River (26.0323) - Upstream of Shultz Creek	July 16 - September 30
South Fork Toutle (26.0248) - Mouth to Bear Creek	July 16 - September 15
South Fork Toutle (26.0248) - Upstream of Bear Creek	July 16 - September 15
Tributaries to Silver Lake	July 16 - September 30
Germany Creek (25.0313)	July 16 - September 15
Kalama River (27.0002) - Mouth to Kalama Falls	August 1 - August 15
Kalama River (27.0002) - Upstream of Kalama Falls	August 1 - August 15

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Lewis River (27.0168) - Mouth to East Fork Lewis River	August 1 - August 15
North Fork Lewis River (27.0334) - Confluence of East Fork to Merwin Dam	August 1 - August 15
North Fork Lewis River (27.0334) - Merwin Dam to Lower Falls	July 16 - August 15
Mill Creek (25.0284)	July 16 - September 15
Schoolhouse Creek (27.0139)	August 1 - August 31
Douglas County	July 1 - September 30
Columbia River	See below
Douglas Creek Canyon (44.0146)	May 16 - January 31
Foster Creek (50.0065)	August 1 - April 15
McCarteney Creek (44.0002)	July 1 - February 28
Pine/Corbaley Canyon Creek (44.0779)	September 16 - April 15
Rock Island Creek (44.0630)	July 1 - September 30
Ferry County	July 1 - August 31
Columbia River	See below
Kettle River (60.0002)	June 16 - August 31
Boulder Creek (60.0130) - Mouth to Hodgson Road Bridge	Site Specific Timing Required
Boulder Creek (60.0130) - Upstream of Hodgson Road Bridge	June 16 - February 28
Deadman Creek (60.0008) - Mouth to SR395 Crossing	Site Specific Timing Required
Deadman Creek (60.0008) - Upstream of SR395	June 16 - February 28
Goosmus Creek (60.0254)	June 16 - February 28

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Toroda Creek (60.0410)	July 1 - September 30
SanPoil River (52.0004)	June 16 - September 30
Granite Creek (52.0099) - Mouth to Powerhouse Dam	June 16 - September 30
Granite Creek (52.0099) - Upstream of Powerhouse Dam	June 16 - February 28
West Fork River SanPoil (52.0192) - Mouth to Deep Creek	June 16 - September 30
West Fork San Poil River (52.0192) - Upstream of Deep Creek	June 16 - September 30
Gold Creek (52.0197)	June 16 - February 28
Franklin County	June 1 - September 30
Columbia River	See below
Snake River	See below
Palouse River (34.0003)	July 16 - February 28
North bank tributaries of the lower Snake River between Palouse River and the mouth of the Snake River	June 16 - October 31
Garfield County	July 16 - September 30
Snake River (35.0003)	See below
Alpowa Creek (35.1440)	July 16 - December 15
Asotin Creek (35.1716)	July 16 - August 15
Deadman Creek (35.0688)	July 16 - December 15
Grande Ronde River tributaries (35.2192)	July 16 - August 15
Meadow Creek (35.0689)	July 16 - December 15
Tucannon River (35.0009) - Mouth to Panjab Creek	July 16 - August 15
Tucannon River (35.0009) - Upstream of Panjab Creek	July 16 - August 15

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Pataha Creek (35.0123) - Mouth to Pataha Creek	January 1 - December 31
Pataha Creek (35.0123) - Upstream of Pataha Creek	July 16 - December 31
Grant County	July 1 - October 31
Columbia River	See below
Crab Creek (41.0002)	July 16 - September 15
Grays Harbor County	July 16 - October 15
Chehalis River (22.0190/23.0190) - Mouth to Porter Creek	August 1 - August 31
Chehalis River (22.0190/23.0190) - Porter Creek to Fisk Falls	August 1 - August 15
Chehalis River (22.0190/23.0190) - Upstream of Fisk Falls	August 1 - August 15
Cedar Creek (23.0570)	August 1 - September 30
Cloquallum Creek (22.0501)	August 1 - September 30
Porter Creek (23.0543)	August 1 - September 30
Satsop River (22.0360)	August 1 - August 31
Wishkah River (22.0191)	August 1 - October 15
Wynoochee River (22.0260)	August 1 - September 30
Copalis River (21.0767)	August 1 - October 15
Elk River (22.1333)	July 1 - October 31
Hoquiam River (22.0137)	August 1 - October 15
Humptulips River (22.0004) - Mouth to Forks	August 1 - September 30
Humptulips River (22.0004) - Upstream of Forks	August 1 - September 30
Johns River (22.1270)	August 1 - September 30

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Moclips River (21.0731)	August 1 - October 15
North River (24.0034)	August 1 - September 30
Queets River (21.0001)	August 1 - August 15
Quinault River (21.0398)	August 1 - August 15
Raft River (21.0337)	August 1 - October 15
Island County	June 16 - October 15
Cavalero Creek (06.0065)	June 16 - December 15
Chapman Creek (06.0070)	June 16 - December 15
Crescent Creek (06.0002)	June 16 - December 15
Cultus Creek (06.0026)	June 16 - March 15
Deer Creek (06.0024)	June 16 - March 15
Dugualla Creek (06.0001)	June 16 - March 15
Glendale Creek (06.0025)	June 16 - December 15
Kristoferson Creek (06.0062-06.0063)	May 1 - December 15
Maxwelton Creek (06.0029)	June 16 - December 15
North Bluff Creek (06.0006)	June 16 - March 15
Old Clinton Creek (06.0023)	June 16 - March 15
Jefferson County	July 16 - October 31
Big Quilcene River (17.0012) - Mouth to Falls	July 16 - August 31
Big Quilcene River (17.0012) - Falls to Forks	August 1 - February 28
Big Quilcene River (17.0012) - Upstream of Forks	August 1 - February 28

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Bogachiel River (20.0162)	Site Specific Timing Required
Chimacum Creek (17.0203)	July 16 - September 15
Donovan Creek (17.0115)	July 1 - October 15
Dosewallips River (16.0442)	July 16 - August 15
Duckabush River (16.0351)	July 16 - August 15
Dungeness River (18.0018)	August 1 - August 15
Elwha River (18.0272)	August 1 - August 15
Goodman Creek (20.0406)	August 1 - September 15
Hoh River (20.0422)	August 1 - August 15
Little Quilcene River (17.0076)	July 16 - August 31
Queets River (21.0001)	August 1 - August 15
Matheny Creek (21.0165)	August 1 - August 15
Sams River (21.0205)	August 1 - August 15
Quinault River (21.0398)	August 1 - August 15
Salmon Creek (17.0245)	July 16 - August 31
Skokomish River (16.0001)	August 1 - August 31
Snow Creek (17.0219)	July 16 - August 31
Tarboo Creek (17.0129)	August 1 - September 30
Thorndyke Creek (17.0170)	August 1 - October 15
King County	July 16 - September 30
Cedar River (08.0299) - Mouth to Forks	August 1 - August 31

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Cedar River (08.0299) - Upstream of Forks	August 1 - August 31
Issaquah Creek (08.0178)	August 1 - August 31
Sammamish River (08.0057)	August 1 - August 31
Steele Creek (08.0379)	July 16 - February 28
Green River (Duwamish River) (09.0001) - Mouth to Sawmill Creek	August 1 - August 31
Green River (Duwamish River) (09.0001) - Upstream of Sawmill Creek	August 1 - August 31
Lake Washington tributaries (08.LKWA)	August 1 - August 31
Snoqualmie River (07.0219) - Mouth to Snoqualmie Falls	August 1 - August 15
Snoqualmie River (07.0219) - Snoqualmie Falls to mouth of South Fork	July 16 - February 28
Patterson Creek (07.0376)	July 16 - September 30
Middle Fork Snoqualmie River (07.0219) - Mouth to Taylor Creek	July 16 - February 28
Middle Fork Snoqualmie River (07.0219) - Upstream of Taylor Creek	July 16 - February 28
Goat Creek (07.0754)	July 16 - February 28
North Fork Snoqualmie River (07.0527) - Mouth to Lennox Creek	July 16 - February 28
North Fork Snoqualmie River (07.0527) - Upstream of Lennox Creek	July 16 - February 28
Deep Creek (07.0562)	July 16 - February 28
Illinois Creek (07.0624)	July 16 - February 28
Lennox Creek (07.0596)	July 16 - February 28
Bear Creek (07.0606)	July 16 - February 28

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Raging River (07.0384)	August 1 - September 15
South Fork Skykomish River (07.0012) - Mouth to Sunset Falls	August 1 - August 15
South Fork Skykomish River (07.0012) - Upstream of Sunset Falls	August 1 - August 15
Beckler River (07.1413) - Mouth to Boulder Creek	August 1 - August 15
Beckler River (07.1413) - Upstream of Boulder Creek	July 16 - February 28
Rapid River (07.1461) - Mouth to Meadow Creek	August 1 - August 31
Rapid River (07.1461) - Upstream of Meadow Creek	August 1 - February 28
Index Creek (07.1264) - Mouth to Mud Lake Creek	August 1 - August 31
Index Creek (07.1264) - Upstream of Mud Lake Creek including Salmon Creek	July 16 - February 28
Miller River (07.1329) - Mouth to Forks	August 1 - August 15
Miller River (07.1329) - Upstream of Forks	August 1 - August 15
Coney Creek (07.1347)	July 16 - February 28
East Fork Miller River (07.1329) - Mouth to Great Falls Creek	July 16 - August 15
East Fork Miller River (07.1329) - Upstream of Great Falls Creek	July 16 - February 28
Foss River (07.1562) - Mouth to Forks	July 16 - August 31
East Fork Foss River (07.1562) - Mouth to Burn Creek	July 16 - August 15
East Fork Foss River (07.1562) - Upstream of Burn Creek	July 16 - February 28
West Fork Foss River (07.1573) - Mouth to falls at River Mile 2.0	July 16 - August 31
West Fork Foss River (07.1573) - Upstream of falls at River Mile 2.0	July 16 - February 28

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West Fork Miller River (07.1335)	July 16 - February 28
Money Creek (07.1300) - Mouth to 0.5 mile upstream of Kimball Creek	August 1 - August 31
Money Creek (07.1300) - Upstream of 0.5 mile upstream of Kimball Creek	August 1 - February 28
Kimball Creek (07.1301)	August 1 - August 31
Tye River (07.0012) - Mouth to Alpine Falls	August 1 - August 31
Tye River (07.0012) - Upstream of Alpine Falls	July 16 - February 28
South Fork Snoqualmie River (07.0467)	July 16 - February 28
Denny Creek (07.0517)	July 16 - February 28
Tolt River (07.0291) - Mouth to forks	August 1 - August 31
North Fork Tolt River (07.0291) - Mouth to Yellow Creek	July 16 - September 15
North Fork Tolt River (07.0291) - Upstream of Yellow Creek	July 16 - February 28
South Fork Tolt River (07.0302) - Mouth to dam	July 16 - September 15
South Fork Tolt River (07.0302) - Upstream of Tolt Reservoir	July 16 - February 28
Yellow Creek (07.0337)	July 16 - February 28
White River (10.0031)	July 16 - August 15
Greenwater River (10.0122)	July 16 - August 15
Kittitas County	July 1 - September 30
Brushy Creek (40.0612)	July 1 - February 28
Colockum Creek (40.0760)	July 1 - October 31
Quilomene Creek (40.0613)	July 1 - October 31

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Stemilt Creek (40.0808) - Upstream of falls	July 1 - February 28
Tarpiscan Creek (40.0723)	July 1 - February 28
Tekiason Creek (40.0686)	July 1 - February 28
Whisky Dick Creek (40.0591)	July 1 - February 28
Yakima River (39.0002) - Roza Dam to Teanaway River	August 1 - August 31
Naches River (38.0003) - Tieton River to Bumping River	July 1 - August 15
Little Naches River (38.0852) - Mouth to Matthew Creek	July 16 - August 15
Little Naches River (38.0852) - Upstream of Matthew Creek	July 16 - August 15
Pileup Creek (38.0932)	July 16 - August 31
Gold Creek (38.MISC)	July 16 - February 28
Swauk Creek (39.1157)	July 16 - September 30
Baker Creek (39.1157)	July 16 - September 30
First Creek (39.1157)	July 16 - September 30
Iron Creek (39.1157)	July 16 - September 30
Williams Creek (39.1157)	July 16 - September 30
Boulder Creek (39.1157)	July 16 - February 28
Cougar Gulch (39.1157)	July 16 - February 28
Lion Gulch (39.1157)	July 16 - February 28
Yakima River (39.0002) - Teanaway River to Easton Dam	August 1 - August 31
Yakima River (39.0002) - Upstream of Easton Dam	August 1 - August 31
Cle Elum River (39.1434) - Mouth to Dam	July 16 - August 31

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Cle Elum River (39.1434) - Upstream of Cle Elum Dam	Site Specific Timing Required
Big Boulder Creek (39.1434MISC)	August 1 - February 28
Camp Creek (39.1434MISC)	August 1 - February 28
Fortune Creek (39.1434MISC)	August 1 - August 15
South Fork Fortune Creek (39.1434MISC)	August 1 - February 28
Howson Creek (39.1434)	July 16 - February 28
Little Salmon Le Sac Creek (39.1482)	August 1 - August 15
Paris Creek (39.1434MISC)	August 1 - February 28
Salmon Le Sac Creek (39.1520)	August 1 - February 28
Kachess River (39.1739) - Upstream of Lake Kachess	Site Specific Timing Required
Kachess River (39.1739) - Below Dam	July 16 - August 15
Box Canyon Creek (39.1765)	Site Specific Timing Required
Mineral Creek (39.1792)	August 1 - August 15
Lake Keechelus (39.1842) tributaries	July 16 - August 15
Gold Creek (Lake Keechelus) (39.1842)	Site Specific Timing Required
Manastash Creek (39.0988)	July 16 - September 30
Naneum Creek (39.0821)	July 16 - September 30
Taneum Creek (39.1081) - Mouth to I-90	July 16 - August 31
Taneum Creek (39.1157) - Upstream of I-90	July 16 - September 30
Teanaway River (39.1236)	July 16 - August 31
NF Teanaway River (39.1260)	Site Specific Timing Required

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Table 1. ALLOWABLE FRESHWATER WORK TIMES FOR RIVERS AND STREAMS

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Umtanum Creek (39.0553)	July 16 - September 30
Wenas Creek, Below Dam (39.0032)	July 16 - October 15
Wenas Creek, Upstream of Wenas Lake (39.0032)	July 16 - February 28
Other Yakima River tributaries not listed	July 16 - August 31
Kitsap County	July 16 - October 15
Anderson Creek (15.0211)	August 1 - November 15
Barker Creek (15.0255)	August 1 - September 30
Big Beef Creek (15.0389)	August 1 - August 15
Big Scandia Creek (15.0280)	August 1 - September 30
Blackjack Creek (15.0203)	August 1 - September 30
Burley Creek (15.0056)	August 1 - September 30
Chico Creek (15.0229)	August 1 - October 15
Clear Creek (15.0249)	August 1 - September 30
Curley Creek (15.0185)	August 1 - September 30
Dewatto River (15.0420)	August 1 - August 15
Dogfish Creek (15.0285)	August 1 - September 30
Gorst Creek (15.0216)	August 1 - August 31
Grovers Creek (15.0299)	August 1 - September 30
Johnson Creek (15.0387)	August 1 - October 31
Ollala Creek (15.0107)	August 1 - September 30
Ross Creek (15.0209)	August 1 - November 15

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Salmonberry Creek (15.0188)	August 1 - November 30
Seabeck Creek (15.0400)	August 1 - August 15
Steele Creek (15.0273)	August 1 - September 30
Tahuya River (15.0446)	August 1 - August 31
Union River (15.0503)	August 1 - August 31
Klickitat County	July 15 - September 30
Alder Creek (31.0459)	August 1 - September 30
Chapman Creek (31.0192)	August 1 - September 30
Glade Creek (31.0851)	August 1 - September 30
Juniper Canyon Creek (31.0378)	August 1 - September 30
Klickitat River (30.0002) - Mouth to Klickitat hatchery	Site Specific Timing Required
Klickitat River (30.0002) - Upstream of Klickitat hatchery	Site Specific Timing Required
Little White Salmon River (29.0131) - Mouth to Cabbage Creek	July 16 - January 31
Little White Salmon River (29.0131) - Upstream of Cabbage Creek	July 16 - January 31
Pine Creek (31.0354)	August 1 - September 30
Rock Creek (31.0014)	August 1 - September 30
Six Prong Creek (31.0465)	August 1 - September 30
White Salmon River (29.0160) - Mouth to Cascade Creek	July 16 - August 15
White Salmon River (29.0160) - Upstream of Cascade Creek	July 16 - August 15
Wood Gulch Creek (31.0263)	August 1 - September 30
Lewis County	August 1 - September 30

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Chehalis River (22.0190/23.0190) - Mouth to South Fork Chehalis River	August 1 - August 15
Chehalis River (22.0190/23.0190) - Upstream of South Fork Chehalis River	August 1 - August 31
Newaukum River (23.0882) - Mouth to South Fork	August 1 - August 31
Newaukum River (23.0882) - Upstream of South Fork	August 1 - August 31
Skookumchuck River (23.0761)	August 1 - August 31
Cowlitz River (26.0002)	August 1 - August 15
Cispus River (26.0668) - Mouth to Squaw Creek (26.1010)	August 1 - August 15
Cispus River (26.0668) - Squaw Creek to Chambers Creek	July 16 - February 28
Cispus River (26.0668) - Upstream of Chambers Creek	July 16 - February 28
Yellowjacket Creek (26.0757)	August 1 - August 15
McCoy Creek (26.0766) - Mouth to lower falls	August 1 - August 15
McCoy Creek (26.0766) - Upstream of lower falls	July 16 - February 28
Walupt Creek (26.1010)	Site Specific Timing Required
Packwood Lake Tributaries	August 16 - September 15
Tilton River (26.0560) - Mouth to North Fork	August 1 - September 30
Tilton River (26.0560) - Upstream of North Fork	August 1 - September 30
Toutle River (26.0227)	August 1 - August 31
North Fork Toutle River (26.0314)	July 16 - August 15
Green River (26.0323)	July 16 - September 30
Deschutes River (13.0028)	July 16 - August 31

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Little Deschutes River (13.0110)	July 16 - February 28
Nisqually River (11.0008) - Upstream of Alder Lake	July 16 - September 30
Lincoln County	June 16 - February 28
Columbia River	See below
Hawk Creek (53.0101) - Mouth to falls	June 16 - August 31
Hawk Creek (53.0101) - Upstream of falls	June 16 - February 28
Upper Crab Creek (42.0001)	June 16 - February 28
Wilson Creek (43.0020)	June 16 - February 28
Mason County	August 1 - October 15
Cloquallum Creek (22.0501)	August 1 - September 30
Coulter Creek (15.0002)	August 1 - August 31
Dewatto River (15.0420)	August 1 - August 31
Goldsborough Creek (14.0035)	August 1 - October 15
John Creek (16.0253)	August 1 - August 31
Hamma Hamma River (16.0251) - Mouth to falls	August 1 - August 31
Johns Creek (14.0049)	August 1 - August 15
Lilliwaup River (16.0230) - Mouth to falls	August 1 - August 31
Lilliwaup River (16.0230) - Upstream of falls	August 1 - February 28
Mill Creek (14.0029)	August 1 - August 15
Satsop River (22.0360)	August 1 - August 31
Schaerer Creek (16.0326)	August 1 - August 31

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Sherwood Creek (14.0094)	August 1 - August 15
Skokomish River (16.0001) - Mouth to Forks	August 1 - August 31
Skokomish River (16.0001) - Upstream of Forks	August 1 - August 31
Tahuya River (15.0446)	August 1 - August 31
Twanoh Creek (14.0134)	August 1 - October 31
Union River (15.0503)	August 1 - August 31
Okanogan County	July 1 - August 15
Aneas Creek (49.0243) - Mouth to falls	July 16 - August 31
Aneas Creek (49.0243) - Upstream of falls	July 1 - March 31
Chewiliken Creek (49.0232) - Mouth to falls	July 16 - August 31
Chewiliken Creek (49.0232) - Upstream of falls	July 1 - March 31
Chiliwist Creek (49.0034) - Mouth to falls	July 16 - August 31
Chiliwist Creek (49.0034) - Upstream of falls	July 1 - March 31
Foster Creek (50.0065)	July 1 - February 28
Methow River (48.0007) - Columbia confluence to Twisp River	July 1 - July 31
Methow River tributaries between Black Canyon Creek and Gold Creek	July 1 - February 28
Black Canyon Creek (48.0015) - Mouth to Left Fork	Site Specific Timing Required
Black Canyon Creek (48.0015) - Upstream of Left Fork	July 1 - February 28
Gold Creek (48.0104) - Mouth to Foggy Dew Creek	Site Specific Timing Required
Foggy Dew Creek (48.0153) - Mouth to Foggy Dew Falls	Site Specific Timing Required
Foggy Dew Creek (48.0153) - Upstream of Foggy Dew Falls	July 1 - February 28

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Middle Fork Gold Creek (48.0139)	July 1 - February 28
North Fork Gold Creek (48.0104)	Site Specific Timing Required
Crater Creek (48.0177) - Mouth to Martin Creek	Site Specific Timing Required
Crater Creek (48.0177) - Upstream of Martin Creek	July 1 - February 28
Martin Creek (48.0177)	July 1 - February 28
South Fork Gold Creek (48.0105) - Mouth to Rainy Creek	Site Specific Timing Required
South Fork Gold Creek (48.0105) - Upstream of Rainy Creek	July 1 - February 28
Rainy Creek (48.0105)	July 1 - February 28
McFarland Creek (48.0090) - Mouth to Vinegar Gulch	Site Specific Timing Required
McFarland Creek (48.0090) - Upstream of Vinegar Gulch	July 1 - February 28
Methow River tributaries between Libby Creek and Beaver Creek	July 1 - February 28
Beaver Creek (48.0307)	Site Specific Timing Required
Frazer Creek (48.0309)	July 1 - February 28
Lightning Creek (48.0361)	July 1 - February 28
Middle Fork Beaver Creek (48.0307)	July 1 - February 28
South Fork Beaver Creek (48.0342)	July 1 - February 28
Libby Creek (48.0203) - Mouth to Hornet Draw Creek	Site Specific Timing Required
Libby Creek (48.0203) - Upstream of Hornet Draw	July 1 - February 28
Methow River (48.0007) - Twisp River to Goat Creek	July 1 - July 31
Methow River (48.0007) - Upstream of Goat Creek	July 1 - July 31
Chewuch River (48.0728) - Mouth to Meadow Creek	July 1 - July 31

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Chewuch River (48.0728) - Upstream of Meadow Creek	July 1 - February 28
Early Winters Creek (48.1408) - Mouth to Silver Star Creek	Site Specific Timing Required
Early Winters Creek (48.1408) - Upstream of Silver Star Creek	July 1 - February 28
Goat Creek (48.1364) - Mouth to 500' upstream of Montana Creek	Site Specific Timing Required
Goat Creek (48.1364) - 500' Upstream of Montana Creek to Roundup Creek	July 1 - February 28
Goat Creek (48.1364) - Upstream of Roundup Creek	Site Specific Timing Required
Lost River (48.0592)	July 16 - August 15
Twisp River (48.0374)	July 1 - July 31
Buttermilk Creek (48.0466)	Site Specific Timing Required
North Creek (48.0674)	Site Specific Timing Required
North Fork Twisp River (48.0691)	July 1 - February 28
South Creek (48.0641) - Upstream of Louis Creek	July 1 - February 28
South Creek (48.0641) - Mouth to Louis Creek	Site Specific Timing Required
South Fork Twisp River (48.0698)	July 1 - February 28
Wolf Creek (48.1300)	Site Specific Timing Required
Myers Creek (60.0517)	July 1 - February 28
Bolster Creek (60.0517)	July 1 - February 28
Ethel Creek (60.0517)	July 1 - February 28
Gold Creek (60.0517)	July 1 - February 28
Mary Ann Creek (60.0517)	July 1 - February 28
North Fork Mary Ann Creek (60.0517)	July 1 - February 28

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Okanogan River (49.0019) - Mouth to Zosel Dam	July 1 - August 31
Antoine Creek (49.0294) - Mouth to velocity gradient at river mile 1.0	July 1 - February 28
Antoine Creek (49.0294) - Upstream of falls	July 1 - March 31
Bonaparte Creek (49.0246) - Upstream of falls	July 1 - March 31
Bonaparte Creek (49.0246) - Mouth to Bonaparte Falls at river mile 1.0	July 1 - February 28
Loup Loup Creek (49.0048) - Mouth to Loup Loup Falls at river mile 2.4	July 1 - February 28
Loup Loup Creek (49.0048) - Upstream of Loup Loup Falls at river mile 2.4	July 1 - March 31
Mosquito Creek (49.0321) - Mouth to falls	July 1 - August 31
Mosquito Creek (49.0321) - Upstream of falls	July 1 - March 31
Nine Mile Creek (49.0516)	July 1 - February 28
Omak Creek (49.0138) - Mouth to Mission Falls at river mile 5.4	July 1 - February 28
Omak Creek (49.0138) - Upstream of falls	July 1 - March 31
Salmon Creek (49.0079) - Mouth to diversion	July 1 - August 31
Salmon Creek (49.0079) - Upstream of diversion	July 1 - February 28
Similkameen River (49.0325) - Mouth to Enloe Dam	July 1 - August 31
Similkameen River (49.0325) - Upstream of Enloe Dam	July 1 - October 31
Sinlahekin Creek (49.0349) - Mouth to barrier dam at Connors Lake	July 1 - August 31
Cecile Creek (49.0447)	July 1 - February 28
Chopaka Creek (49.0357)	July 1 - February 28

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Toats Coulee Creek (49.0368)	July 1 - February 28
Cougar Creek (49.0368)	July 1 - February 28
Siwash Creek (49.0284) - Falls to headwaters	July 1 - March 31
Siwash Creek (49.0284) - Mouth to falls at river mile 1.4	July 1 - February 28
Tonasket Creek (49.0501) - Mouth to Tonasket Falls at river mile 1.8	July 1 - February 28
Tonasket Creek (49.0501) - Upstream of Tonasket Falls at river mile 1.8	July 1 - March 31
Tunk Creek (49.0211) - Mouth to falls	July 1 - February 28
Tunk Creek (49.0211) - Upstream of falls	July 1 - March 31
San Poil River (52.0004)	June 16 - September 30
West Fork SanPoil (52.0192)	June 16 - September 30
Gold Creek (52.0197)	June 16 - February 28
Toroda Creek (60.0410)	July 1 - September 30
Pacific County	August 1 - September 30
Bear River (24.0689)	August 1 - September 30
Bone River (24.0405)	August 1 - September 30
Chehalis River (22.0190/23.0190)	August 1 - August 15
Columbia River	See below
Chinook River (24.MISC)	August 1 - September 30
Grays River (25.0093)	July 16 - September 15
Naselle River (24.0543)	August 1 - September 15
Nemah River (24.0460)	August 1 - September 30

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Niawiakum River (24.0417)	August 1 - September 30
North River (24.0034)	August 1 - September 30
Palix River (24.0426)	August 1 - September 30
Willapa River (24.0251)	August 1 - September 30
Pend Oreille County	July 1 - August 31
Little Spokane River (55.0003)	August 1 - March 15
West Branch Little Spokane River (55.0439)	August 1 - March 15
Harvey Creek (62.0310) - Mouth to Rocky Fork of Harvey Creek	August 1 - August 31
Harvey Creek (62.0310) - Upstream of Rocky Fork of Harvey Creek	July 16 - February 28
Pend Oreille River (62.0002)	Site Specific Timing Required
Big Muddy Creek (62.0279)	August 1 - March 15
Bracket Creek (62.0815)	August 1 - March 15
Calispel Creek (62.0628)	August 1 - August 31
Exposure Creek (62.0261)	August 1 - August 31
Kent Creek (62.0819)	August 1 - March 15
Le Clerc Creek (62.0415)	August 1 - August 31
Lime Creek (62.0014)	August 1 - March 15
Lodge Creek (62.0859)	August 1 - August 31
Lost Creek (62.0322)	August 1 - March 15
Marshall Creek (62.0842)	August 1 - March 15
Pee Wee Creek (62.0007) - Mouth to falls	August 1 - August 31

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Pee Wee Creek (62.0007) - Upstream of falls	August 1 - March 15
Renshaw Creek (62.0310)	August 1 - March 15
Sullivan (O'Sullivan) Creek (62.0074)	August 1 - August 31
North Fork Sullivan Creek (62.0075)	August 1 - August 31
Tributaries of Deep Creek in Pend Oreille County (61.0195)	July 16 - August 15
Currant Creek (61.0249)	July 16 - August 15
Meadow Creek (61.0351)	July 16 - August 15
Rocky Creek (61.0364)	July 16 - August 15
Silver Creek (61.0195)	July 16 - August 15
Smackout Creek (61.0226)	July 16 - August 15
Pierce County	July 16 - August 31
Chambers/Clover Creek Watershed (12.MISC)	July 16 - September 30
Flett Creek (12.0009)	July 16 - October 31
Leach Creek (12.0008)	July 16 - September 30
Nisqually River (11.0008) - Mouth to Alder Lake	July 16 - August 31
Nisqually River (11.0008) - Upstream of Alder Lake	July 16 - September 30
Mashel River (11.0101) - Mouth to Busy Wild Creek	July 16 - September 30
Mashel River (11.0101) - Upstream of Busy Wild Creek	July 16 - September 30
Puyallup River (10.0021) - Mouth to PSE Electron Powerhouse Outfall	July 16 - August 31
Puyallup River (10.0021) - Upstream of PSE Electron Powerhouse Outfall	July 16 - August 15

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Carbon River (10.0413)	July 16 - August 15
Cayada Creek (10.0525) - Mouth to falls about 800 feet upstream	July 16 - August 31
Cayada Creek (10.0525) - Upstream of the falls	January 1 - December 31
South Prairie Creek (10.0429)	July 16 - August 15
Voight Creek (10.0414) - Mouth to falls at River Mile 4.0	July 16 - August 31
Voight Creek (10.0414) - Upstream of falls River Mile 4.0	July 16 - February 28
White River (10.0031)	July 16 - August 15
Clearwater River (10.0080)	July 16 - August 15
Greenwater River (10.0122)	July 16 - August 15
Huckleberry Creek (10.0253)	July 16 - August 15
West Fork White River (10.0186)	July 16 - August 15
Sequalitchew Creek (12.0019)	July 16 - September 30
San Juan County	July 1 - August 31
Cascade Creek (02.0057) Orcas Island - Upstream of lower falls	July 1 - February 28
Cascade Creek (02.0057) Orcas Island - Buck Bay to falls located approximately 300 feet above mouth	July 1 - October 31
Doe Creek (02.MISC) San Juan Island - Westcott Bay to falls (approximately 250 feet from mouth)	June 16 - October 15
False Bay Creek (02.MISC) San Juan Island - Mouth to lake	July 1 - October 31
Glenwood Springs Orcas Island - direct tributary to Eastsound Bay	July 1 - October 15
Moran Creek (02.MISC) Orcas Island - from Cascade Lake delta upstream 1/4 mile	July 1 - October 15

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<p>Unnamed Creek (02.0041) San Juan Island - Mouth to lake</p>	<p>July 1 - October 15</p>
<p>Skagit County</p>	<p>August 1 - September 15</p>
<p>Granite Creek (04.2313) - Upstream of East Creek</p>	<p>July 16 - February 28</p>
<p>North Fork Stillaguamish River (05.0135) - Mouth to Squire Creek</p>	<p>August 1 - August 15</p>
<p>North Fork Stillaguamish River (05.0135) - Squire Creek to Cascade Creek</p>	<p>August 1 - August 15</p>
<p>North Fork Stillaguamish River (05.0135) - Upstream of Cascade Creek</p>	<p>July 16 - February 28</p>
<p>Samish River (03.0005)</p>	<p>August 1 - September 15</p>
<p>Skagit River (03.0176/04.0176)</p>	<p>Site Specific Timing Required</p>
<p>Baker River (04.0435) - Mouth to Baker Dam</p>	<p>Site Specific Timing Required</p>
<p>Cascade River (04.1411)</p>	<p>Site Specific Timing Required</p>
<p>Day Creek (03.1435)</p>	<p>July 16 - February 28</p>
<p>Lookout Creek (04.1447)</p>	<p>July 16 - February 28</p>
<p>Sibley Creek (04.1481)</p>	<p>July 16 - February 28</p>
<p>Day Creek (03.0299) - Mouth to Rocky Creek</p>	<p>Site Specific Timing Required</p>
<p>Day Creek (03.0299) - Upstream of Rocky Creek</p>	<p>August 1 - February 28</p>
<p>Finney Creek (04.0392) - Mouth to Big Fir Creek</p>	<p>Site Specific Timing Required</p>
<p>Finney Creek (04.0392) - Upstream of Big Fir Creek</p>	<p>July 16 - February 28</p>
<p>Illabot Creek (04.1346)</p>	<p>Site Specific Timing Required</p>
<p>Sauk River (04.0673) - Mouth to Forks</p>	<p>Site Specific Timing Required</p>
<p>Sauk River (04.0673) - Upstream of Forks</p>	<p>August 1 - August 15</p>

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Table 1. ALLOWABLE FRESHWATER WORK TIMES FOR RIVERS AND STREAMS

Check the listing for the county in which you propose to work to determine the work time for that stream.

<p>Washington Counties and State Waters including tributaries unless otherwise indicated¹ Water Resource Inventory Area (WRIA) is given in parentheses</p>	<p>Work Is Allowed Only Between These Dates “Site Specific Timing Required” means: consultation with WDFW required to determine timing</p>
Suiattle River (04.0710)	August 1 - August 15
Wiseman Creek (03.0280) - Mouth to SR20	Site Specific Timing Required
Wiseman Creek (03.0280) - Upstream of SR20	July 16 - February 28
South Fork Nooksack River (01.0246) - Mouth to falls at River Mile 30	August 1 - August 15
South Fork Nooksack River (01.0246) - Falls at River Mile 30 to Wanlick Creek	July 16 - August 15
South Fork Nooksack River (01.0246) - Upstream of Wanlick Creek	July 16 - August 15
Skamania County	July 15 - September 15
Columbia River	See below
Cispus River (26.0668)	August 1 - August 15
Cispus River (26.0668) tributaries located in Skamania County	August 1 - October 31
East Fork Lewis River (27.0173) - Lucia Falls to Sunset Falls	August 1 - February 28
East Fork Lewis River (27.0173) - Upstream of Sunset Falls	August 1 - February 28
Green River (26.0323) (Tributary of North Fork Toutle River)	July 16 - September 30
Hamilton Creek (28.0303)	August 1 - August 31
Hardy Creek (28.0303)	August 1 - August 31
Little White Salmon River (29.0131) - Mouth to Hatchery	July 16 - August 15
Little White Salmon River (29.0131) - Hatchery to Cabbage Creek	July 16 - January 31
Little White Salmon River (29.0131) - Upstream of Cabbage Creek	July 16 - January 31
North Fork Lewis River (27.0168) - Merwin Dam to Lower Falls	July 16 - August 15
Canyon Creek (27.0442)	July 16 - February 28

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North Fork Lewis River (27.0168) - Upstream of Lower Falls	July 16 - February 28
Washougal River (28.0159) - Mouth to Stebbins Creek	August 1 - August 31
Washougal River (28.0159) - Upstream of Stebbins Creek	August 1 - August 31
White Salmon River (29.0160) - Mouth to Cascade Creek	July 16 - August 15
White Salmon River (29.0160) - Upstream of Cascade Creek	July 16 - August 15
Wind River (29.0023)	August 1 - August 15
Woodward Creek (28.0298)	August 1 - August 31
Snohomish County	July 16 - September 15
Lake Washington tributaries	August 1 - August 15
Sauk River (04.0673) - Mouth to Forks	August 1 - August 15
Sauk River (04.0673) - Upstream of Forks	August 1 - August 15
Suiattle River (04.0710)	August 1 - August 15
Snohomish River (07.0012) - Mouth to Highway 9	August 1 - October 31
Snohomish River (07.0012) - Upstream of Highway 9	August 1 - August 15
Pilchuck River (07.0125) - Mouth to City of Snohomish diversion dam	August 1 - August 31
Pilchuck River (07.0125) - City of Snohomish diversion dam to Boulder Creek	August 1 - September 15
Pilchuck River (07.0125) - Upstream of Boulder Creek	August 1 - September 15
Skykomish River (07.0012) - Mouth to forks	August 1 - August 15
Deer Creek (05.0173) - Mouth to stream mile 0.5	August 1 - August 31
Deer Creek (05.0173) - Upstream of stream mile 0.5	August 1 - February 28

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North Fork Skykomish River (07.0982) - Mouth to Bear Creek Falls	August 1 - August 31
North Fork Skykomish River (07.0982) - Bear Creek Falls to Deer Falls	August 1 - August 31
North Fork Skykomish River (07.0982) - Deer Falls to West Cady Creek	August 1 - February 28
North Fork Skykomish River (07.0982) - Upstream of West Cady Creek	August 1 - February 28
Howard Creek (07.1042)	July 16 - February 28
Silver Creek (07.1053) - Mouth to Lake Gulch	August 1 - August 31
Silver Creek (07.1053) - Upstream of Lake Gulch	August 1 - February 28
Troublesome Creek (07.1085)	August 1 - February 28
West Fork Troublesome Creek (07.1092)	August 1 - August 31
South Fork Skykomish River (07.0012) - Mouth to Sunset Falls	August 1 - August 15
Beckler River (07.1413) - Mouth to Boulder Creek	August 1 - August 15
Beckler River (07.1413) - Upstream of Boulder Creek	July 16 - February 28
Rapid River (07.1461) - Mouth to Meadow Creek	August 1 - August 31
Rapid River (07.1461) - Upstream of Meadow Creek	August 1 - February 28
Sultan River (07.0881) - Mouth to Diversion Dam at river mile 9.4	August 1 - August 15
Sultan River (07.0881) - Diversion Dam to Elk Creek	July 16 - February 28
Sultan River (07.0881) - Upstream of Elk Creek	July 16 - February 28
Wallace River (07.0940) - Mouth to Wallace Falls	August 1 - August 31
Wallace River (07.0940) - Upstream of Wallace Falls	August 1 - February 28

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Olney Creek (07.0946) - Mouth to Olney Falls	August 1 - August 31
Olney Creek (07.0946) - Upstream of Olney Falls	August 1 - February 28
Snoqualmie River Mouth to Falls (07.0219)	August 1 - August 15
All other Snohomish River tributaries	August 1 - August 31
Stillaguamish River (05.0001) - Mouth to forks	August 1 - August 31
North Fork Stillaguamish River (05.0135) - Mouth to Squire Creek	August 1 - August 15
North Fork Stillaguamish River (05.0135) - Squire Creek to Cascade Creek	August 1 - August 15
North Fork Stillaguamish River (05.0135) - Upstream of Cascade Creek	July 16 - February 28
South Fork Stillaguamish River (05.0001) - Mouth to Deer Creek	August 1 - August 15
South Fork Stillaguamish River (05.0001) - Upstream of Deer Creek	August 1 - August 15
Spokane County	June 16 - August 31
Latah Creek (56.0003)	June 16 - August 31
Little Spokane River (55.0600) - Mouth to Deer Creek	June 16 - August 31
Little Spokane River (55.0600) - Upstream of Deer Creek	June 16 - August 31
Spokane River (57.0001)	June 16 - August 31
Stevens County	July 16 - August 31
Columbia River	See below
Big Sheep Creek (61.0150)	July 16 - August 15
Colville River (59.0002) - Mouth to the Falls	July 16 - September 30

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Colville River (59.0002) - Upstream of the Falls	July 16 - September 30
Deep Creek (61.0195)	July 16 - August 15
Onion Creek (61.0098)	July 16 - August 15
Sheep Creek (59.0861)	July 16 - September 30
Lake Roosevelt tributaries from the mouth of the Spokane River to mouth of the Colville River	July 16 - February 28
Lake Roosevelt tributaries from the mouth of the Colville River north to the B.C. Border	July 16 - February 28
Tributaries of Little Spokane River (55.0600)	June 16 - August 31
Calispel Creek (62.0628)	August 1 - August 31
Other tributaries to the Pend Oreille River in Stevens County	July 1 - August 31
Thurston County	July 16 - September 15
Cedar Creek (23.0570)	August 1 - September 30
Chehalis River (22.0190/23.0190) - Upstream of Porter Creek	August 1 - August 15
Skookumchuck River (23.0761) - Mouth to Skookumchuck Reservoir	August 1 - August 31
Skookumchuck River (23.0761) - Upstream of Skookumchuck Reservoir	August 1 - August 31
Deschutes River (13.0028) - Mouth to Deschutes Falls	July 16 - August 31
Deschutes River (13.0028) - Upstream of Deschutes Falls	July 16 - August 31
Ellis Creek (13.0022)	May 16 - September 30
Little Deschutes River (13.0110)	July 16 - February 28
McLane Creek (13.0138)	August 1 - October 31

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Percival Creek (13.0029)	July 16 - August 31
Nisqually River (11.0008)	July 16 - August 31
Tributaries of Nisqually River (11.0008)	July 16 - August 31
Porter Creek (23.0543)	August 1 - September 30
Schneider Creek (14.0009)	August 1 - October 31
Waddell Creek (23.0677)	August 1 - September 30
Woodard Creek (13.0012)	July 16 - August 31
Woodland Creek (13.0006)	July 16 - September 30
Wahkiakum County	July 16 - September 15
Columbia River	See below
Abernathy Creek (25.0297)	July 16 - September 15
Deep River (25.0011)	July 16 - September 15
Elochoman River (25.0236)	July 16 - September 15
Grays River (25.0093)	July 16 - September 15
Mill Creek (25.0284)	July 16 - September 15
Naselle River (24.0543)	July 16 - September 15
Skamokowa Creek (25.0194)	July 16 - September 15
Walla Walla County	July 16 - September 30
Walla Walla River (32.0008) - Mouth to Oregon state line	July 16 - September 15
Mill Creek (32.1436) - Mouth to Oregon state line	August 1 - August 15
Touchet River (32.0097) - Mouth to Forks	August 1 - August 15

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North Fork Touchet/Wolf Fork (32.0761)	Site Specific Timing Required
South Fork Touchet (32.0708)	Site Specific Timing Required
Whatcom County	July 16 - August 15
Damfino Creek (00.0032)	July 16 - August 31
Nooksack River (01.0120)	July 16 - August 15
Cascade Creek (02.0057) - Mouth to FR 37	Site Specific Timing Required
Cascade Creek (02.0057) - Upstream of FR 37	July 16 - February 28
Middle Fork Nooksack River (01.0339) - Mouth to City of Bellingham Diversion Dam	July 16 - August 15
Middle Fork Nooksack River (01.0339) - Upstream of City of Bellingham Diversion Dam	Site Specific Timing Required
North Fork Nooksack River (01.0120) - Mouth to Nooksack Falls	July 16 - August 15
North Fork Nooksack River (01.0120) - Upstream of Nooksack Falls	Site Specific Timing Required
Barometer Creek (01.0513)	July 16 - February 28
Ruth Creek (01.0531)	July 16 - February 28
Swamp Creek (01.0518)	July 16 - February 28
Wells Creek (02.0057)	Site Specific Timing Required
Bar Creek (01.0500)	July 16 - February 28
South Fork Nooksack (01.0246) - Mouth to Wanlick Creek	August 1 - August 15
South Fork Nooksack (01.0246) - Upstream of Wanlick Creek	August 1 - August 15
Samish River (03.0005)	July 16 - August 15
Skagit River (03.0176/04.0176)	Site Specific Timing Required

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Baker River (04.0435) - Mouth to Baker Lake Dam (04.0435)	Site Specific Timing Required
Baker River (04.0435) - Baker Lake to national park boundary	Site Specific Timing Required
Boulder Creek (04.0499)	July 16 - February 28
Park Creek (04.0506) - Mouth to fish passage barrier at river mile 1.6	Site Specific Timing Required
Park Creek (04.0506) - Upstream of river mile 1.6	July 16 - February 28
Swift Creek (04.0509) - Mouth to Rainbow Creek	Site Specific Timing Required
Swift Creek (04.0509) - Upstream of Rainbow Creek	July 16 - February 28
Ross Lake (03.0176/04.0176) tributaries	Site Specific Timing Required
Ruby Creek (04.2199)	Site Specific Timing Required
Canyon Creek (04.2458) - Mouth to Barron Creek	Site Specific Timing Required
Canyon Creek (04.2458) - Upstream of Barron Creek and tributaries	October 1 - February 28
Barron Creek (04.2591)	October 1 - February 28
Boulder Creek (04.2478) - Mouth to 300 feet upstream	Site Specific Timing Required
Boulder Creek (04.2478) - 300 feet upstream of mouth to headwaters	October 1 - February 28
Friday Creek (04.2549) - Mouth to 300 feet upstream	Site Specific Timing Required
Friday Creek (04.2549) - 300 feet upstream of mouth to headwaters	October 1 - February 28
Holmes Creek (04.2473) - Mouth to 300 feet upstream	Site Specific Timing Required
Holmes Creek (04.2473) - 300 feet upstream of mouth to headwaters	October 1 - February 28
Mill Creek (04.2504) - Mouth to 300 feet upstream	Site Specific Timing Required

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Mill Creek (04.2504) - 300 feet upstream of mouth to headwaters	October 1 - February 28
Nickol Creek (04.2476) - Mouth to 300 feet upstream	Site Specific Timing Required
Nickol Creek (04.2476) - 300 feet upstream of mouth to headwaters	October 1 - February 28
North Fork Canyon Creek (04.2583) - Mouth to Elk Creek	Site Specific Timing Required
Cascade Creek (05.2584)	October 1 - February 28
North Fork Canyon Creek (04.2583) - Upstream of Elk Creek	October 1 - February 28
Slate Creek (04.2557) - Mouth to falls at River Mile 0.6	Site Specific Timing Required
Slate Creek (04.2557) - Upstream of falls at River Mile 0.6	October 1 - February 28
Granite Creek (04.2313) - Mouth to East Creek	Site Specific Timing Required
Granite Creek (04.2313) - Upstream of East Creek and tributaries	October 1 - February 28
Saar Creek (00.0003)	August 1 - September 30
Silesia Creek (00.0042) - Canadian Border to Middle Fork	July 16 - August 15
Silesia Creek (00.0042) - Middle Fork to national park boundary	July 16 - February 28
Rapid Creek (00.0048)	July 16 - February 28
West Fork Silesia Creek (00.0044)	July 16 - February 28
Winchester Creek (00.0045)	July 16 - February 28
Whitman County	July 16 - December 15
Snake River (35.0002)	See below
Alkali Flats Creek (35.0570)	July 16 - December 15
Almota Creek (35.1017)	July 16 - December 15

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Little Almota Creek (35.1018)	July 16 - December 15
Palouse River (34.0003) - Mouth to Palouse Falls	July 16 - September 30
Palouse River (34.0003) - Upstream of Palouse Falls	July 16 - February 28
Penewawa Creek (35.0916)	July 16 - December 15
Wawawi Canyon Creek (35.1165)	July 16 - December 15
Yakima County	June 1 - September 15
Glade Creek (31.0851)	August 1 - September 30
Klickitat River (30.0002)	Site Specific Timing Required
Yakima River (37.0002/38.0002/39.0002) - Mouth to Roza Dam	June 1 - September 15
Ahtanum Creek (37.1382)	June 16 - September 30
North Fork Ahtanum Creek (37.1382)	Site Specific Timing Required
South Fork Ahtanum Creek (37.1382)	Site Specific Timing Required
Naches River (38.0003) - Mouth to Tieton River	July 1 - October 15
Naches River (38.0003) - Upstream of mouth of Tieton River to Bumping River	July 1 - August 15
Bumping River (38.0998)	July 16 - August 15
American River (38.1000)	Site Specific Timing Required
Gold Creek (38.MISC)	July 16 - February 28
Kettle Creek (38.1033)	Site Specific Timing Required
Miner Creek (38.1027)	July 16 - February 28
Morse Creek (38.1072) - Mouth to SR410 Crossing	August 1 - August 15
Morse Creek (38.1072) - Upstream of SR410 Crossing	August 1 - February 28

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Rock Creek (38.MISC)	July 16 - February 28
Timber Creek (38.1062)	August 1 - August 15
Union Creek (38.1045) - Upstream of 500' above falls	August 1 - February 28
Union Creek (38.1045) - Mouth to 500' above falls	Site Specific Timing Required
Other American River tributaries not listed	August 1 - February 28
Deep Creek (38.MISC)	Site Specific Timing Required
Copper Creek (38.MISC)	August 1 - August 15
Cowiche Creek (38.0005) - Mouth to South Fork Cowiche Creek	July 1 - September 30
North Fork Cowiche Creek (38.0008)	July 1 - February 28
South Fork Cowiche Creek (38.0031) - Mouth to Reynolds Creek	July 1 - September 30
South Fork Cowiche Creek (38.0031) - Upstream of Reynolds Creek	July 16 - October 31
Granite Creek (38.MISC)	August 1 - August 15
Little Naches River (38.0852) - Mouth to Matthews Creek	July 16 - August 15
Little Naches River (38.0852) - Upstream of Matthews Creek	July 16 - August 15
Crow Creek (38.0858)	July 16 - August 15
Nile Creek (38.0692)	July 16 - October 15
Rattlesnake Creek (38.0518)	July 16 - August 15
Tieton River (38.0166) - Mouth to Rimrock Dam	July 1 - August 31
North Fork Tieton River (38.0291) - Below Clear Lake Dam	Site Specific Timing Required
North Fork Tieton River (38.0291) - Upstream of Clear Lake	July 1 - August 15

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Clear Creek (38.0317)	July 16 - February 28
South Fork Tieton River (38.0374) - Below South Fork Falls	Site Specific Timing Required
South Fork Tieton River (38.0374) - Upstream of South Fork Falls	July 16 - February 28
Indian Creek (38.0302)	Site Specific Timing Required
Tributaries of Tieton River below Rimrock Dam	July 16 - February 28
Umtanum Creek (39.0553)	July 16 - September 30
Wenas Creek (39.0032)	July 16 - October 15
Other Yakima River tributaries	July 16 - August 31
Columbia River	–
Mouth to the I-205 Bridge	August 1 - March 31
I-205 Bridge to Bonneville Dam	July 16 - September 15
Bonneville Dam to Snake River	July 16 - February 28
Snake River to Priest Rapids Dam	July 16 - September 30
Priest Rapids Dam to Mouth of Crab Creek	July 16 - February 28
Mouth of Crab Creek to Wanapum Dam	July 16 - September 30
Wanapum Dam to the SR 285 bridge in South Wenatchee	July 16 - February 28
SR 285 bridge in South Wenatchee to the SR 2 bridge	July 16 - September 30
SR 2 bridge to one mile downstream of the Chelan River	July 16 - February 28
From one mile downstream of the Chelan River to the SR 97 bridge	July 16 - September 30
From SR 97 bridge to Chief Joseph Dam	July 16 - February 28
Chief Joseph Dam to Grand Coulee Dam	June 16 - March 31

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Grand Coulee Dam to Canadian border	Site Specific Timing Required
All Columbia River tributaries	See county listings
Snake River	-
Mouth to Ice Harbor Dam	July 16 - September 30
Ice Harbor Dam to Mouth of Clearwater River	July 16 - March 31
Mouth of Clearwater River to State Line	August 1 - August 31
All Snake River tributaries	See county listings
<p>Lakes: Columbia and Snake River reservoirs are not considered lakes. Lake is defined in WAC 220-110-020(47) as any natural or impounded body of standing freshwater, except impoundments of the Columbia and Snake Rivers.</p>	Site Specific Timing Required
<p>Salt water</p>	Site Specific Timing Required

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