



# HYDRAULIC PROJECT APPROVAL

Issued Date: January 28, 2016  
Project End Date: December 31, 2018

Permit Number: 2016-4-51+01  
FPA/Public Notice Number: N/A  
Application ID: 604

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
Woodinville Water District ATTENTION: Christian Hoffman 17238 NE Woodinville-Duvall Road Woodinville, WA 98072-1390	CHS Engineers LLC ATTENTION: Mary Dahl 12507 Bel Red Rd, Ste 101 Bellevue, WA 98005-2500

**Project Name:** Little Bear Creek Temp Water Main Crossing

**Project Description:** Project will install a temporary water main crossing of Little Bear Creek to serve two parcels which will be out of water during WSDOT's construction of a new culvert on SR 202/131st Ave NE. Temporary water main will be installed prior to WSDOT driving piles for new culvert which will require existing water main to be removed. Permanent water main will be installed with the new culvert on SR 202. Once permanent water main is operational, the temporary water main and structure will be removed.

## PROVISIONS

1. This STANDARD Hydraulic Project Approval (HPA) is issued for the installation of an 8-inch diameter temporary water main over Little Bear Creek during construction of the new SR202 culvert, including:
  - a) Installation of temporary ecology block supports on either side of Little Bear Creek;
  - b) Installation of an approximately 40-foot-long steel beam;
  - c) Installation of an 8-inch diameter water main supported by the 40-foot-long steel beam;
  - d) Removal of the temporary water main and associated materials from the banks and above Little Bear Creek once the new permanent water main is established with the new SR202 culvert; and
  - e) Restoration of temporary impacts to the stream buffer/riparian area resulting from construction.

Note: This project occurs on Little Bear Creek, which is known to support spawning of chinook, coho and sockeye; kokanee; and has the potential to support steelhead.

2. **TIMING LIMITATION:** You may begin the project immediately and you must complete the project by December 31, 2018. Because no work below the ordinary high water line of Little Bear Creek is proposed, you can complete the work year round. However, you are encouraged to conduct the removal of the temporary water main between July 1 and September 15 if at all possible, to avoid impacts to fish life. No matter what time of year the removal efforts are conducted, measures to prevent debris from falling into the creek must be in place.

3. **APPROVED PLANS:** You must accomplish the work per plans and specifications submitted with the application and approved by the Washington Department of Fish and Wildlife, entitled "SR202 - Little Bear Creek Temporary Water Main," dated December 23, 2015, and all supporting documents and communications uploaded to the APPS project file; except as modified by this HPA. You must have a copy of these plans available on site during all phases of the project proposal.

4. **INVASIVE SPECIES CONTROL:** Thoroughly clean all equipment and gear before arriving and leaving the job site to prevent the transport and introduction of aquatic invasive species. Properly dispose of any water and chemicals used to clean gear and equipment. You can find additional information in the Washington Department of Fish and Wildlife's Invasive Species Management Protocols (November 2012), available online at <http://wdfw.wa.gov/publications/01490/wdfw01490.pdf>.



## HYDRAULIC PROJECT APPROVAL

**Exhibit 7**  
**Page 2 of 6**  
Washington Department of  
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PO Box 43234  
Olympia, WA 98504-3234  
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5. **PRE- AND POST-CONSTRUCTION NOTIFICATION:** You, your agent, or contractor must contact the Washington Department of Fish and Wildlife by e-mail at [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov); mail to Post Office Box 43234, Olympia, Washington 98504-3234; or fax to (360) 902-2946 at least three business days before starting work, and again within seven days after completing the work. The notification must include the permittee's name, project location, starting date for work or date the work was completed, and the permit number. The Washington Department of Fish and Wildlife may conduct inspections during and after construction; however, the Washington Department of Fish and Wildlife will notify you or your agent before conducting the inspection.

6. **PHOTOGRAPHS:** You, your agent, or contractor must take photographs of the job site before the work begins and after the work is completed. You must upload the photographs to the post-permit requirement page in the Aquatic Protection Permitting System (APPS) or mail them to Washington Department of Fish and Wildlife at Post Office Box 43234, Olympia, Washington 98504-3234 within 30-days after the work is completed.

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

### STAGING, JOB SITE ACCESS, AND EQUIPMENT

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

9. Use existing roadways or travel paths.

10. Limit the removal of native bankline vegetation to the minimum amount needed to construct the project.

11. Retain all natural habitat features on the bed or banks including large woody material and boulders. You may move these natural habitat features during construction but you must place them near the preproject location before leaving the job site.

12. Station and operate equipment used for this project landward of the ordinary high water line.

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

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

15. Use environmentally acceptable lubricants composed of biodegradable base oils such as vegetable oils, synthetic esters, and polyalkylene glycols in equipment operated in or near the water.

16. This Hydraulic Project Approval does not authorize equipment crossings of the stream.

### CONSTRUCTION-RELATED SEDIMENT, EROSION AND POLLUTION CONTAINMENT

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

18. All erosion control materials that will remain onsite must be composed of 100% biodegradable materials.

19. Straw used for erosion and sediment control, must be certified free of noxious weeds and their seeds.

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

21. Prevent project contaminants, such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-



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laden water, chemicals, or any other toxic or harmful materials, from entering or leaching into waters of the state.

22. Use tarps or other methods to prevent treated wood, sawdust, trimmings, drill shavings and other debris from contacting the bed or waters of the state.

23. Deposit waste material from the project, such as construction debris, silt, excess dirt, or overburden, in an upland area above the limits of anticipated floodwater unless the material is approved by the Washington Department of Fish and Wildlife for reuse in the project.

24. Deposit all trash from the project at an appropriate upland disposal location.

### UTILITY CROSSING

25. Align the conduit as perpendicular as possible to the watercourse.

26. If construction involves an aerial conduit crossing:

a. Locate and armor support structures for aerial conduit crossings to prevent scour or undermining.

27. Per the approved plans (Sheet 2 of 4 dated December 23, 2015), ecology blocks used to support the conduit crossing must be at least 5 feet landward of the top of the banks (both north and south sides of the creek).

28. Because the temporary water main is proposed to be in place during at least one high flow season, the height of the temporary water main crossing must allow for passage of the highest expected flows and debris.

### DEMOBILIZATION AND CLEANUP

29. Do not relocate removed or replaced structures within waters of the state. Remove and dispose of these structures in an upland area above the limits of anticipated floodwater.

30. Upon completion of the project, restore the disturbed bed, banks, and riparian zone to preproject condition to the extent possible.

31. Seed areas disturbed by construction activities with a native seed mix suitable for the site that has at least one quick-establishing plant species.

32. Replace native riparian zone and aquatic vegetation, and wetland vascular plants (except noxious weeds) damaged or destroyed by construction using a proven methodology.

33. Replace native riparian zone vegetation damaged or destroyed by construction at a 4:1 ratio for native woody vegetation removed. Vegetation must be replaced in-kind (removal of a conifer should be replaced with four of the same or similar conifer species). Plant trees 10 feet on center, and shrubs five feet on center.

34. Complete replanting of riparian vegetation during the first dormant season (late fall through late winter) after project completion per the approved plan. Maintain plantings for at least three years to ensure at least eighty percent of the plantings survive. Failure to achieve the eighty percent survival in year three will require you to submit a plan with follow-up measures to achieve requirements or reasons to modify requirements.

35. Upon completion of the project, remove all materials or equipment from the site and dispose of all excess spoils and waste materials in an upland area above the limits of anticipated floodwater.

36. Remove temporary erosion and sediment control methods after job site is stabilized or within three months of project completion, whichever is sooner.

LOCATION #1:	Site Name: Little Bear Creek Temporary Water Main Crossing , , WA		
WORK START:	January 28, 2016	WORK END:	December 31, 2018
WRIA	Waterbody:	Tributary to:	



# HYDRAULIC PROJECT APPROVAL

**Exhibit 7**  
**Page 4 of 6**  
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08 - Cedar - Sammamish		Little Bear Creek (rb)			Sammamish River	
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
NE 1/4	09	26 N	05 E	47.7567	-122.1661	King
<u>Location #1 Driving Directions</u>						
Northbound I-405, take SR 522 eastbound. Take SR 202 exit towards Woodinville. Turn right onto SR 202 (131st Ave NE). Take first right onto NE 177th Pl. Take first right onto 130th Ave NE. Crossing of Little Bear Creek will be straight ahead where road turns into NE 178th St.						

## APPLY TO ALL HYDRAULIC PROJECT APPROVALS

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

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

This Hydraulic Project Approval does not authorize trespass.

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

Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day and/or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

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



## HYDRAULIC PROJECT APPROVAL

**Exhibit 7**  
**Page 5 of 6**  
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**MINOR MODIFICATIONS TO THIS HPA:** You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. Minor modifications do not require you to pay additional application fees or be issued a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov). Do not include payment with your request. You should allow up to 45 days for the department to process your request.

**MAJOR MODIFICATIONS TO THIS HPA:** You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you paid an application fee for your original HPA you must pay an additional \$150 for the major modification. If you did not pay an application fee for the original HPA, no fee is required for a change to it. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, payment if the original application was subject to an application fee, and the requestor's signature. Send your written request and payment, if applicable, by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You may email your request for a major modification to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov), but must send a check or money order for payment by surface mail. You should allow up to 45 days for the department to process your request.

### APPEALS INFORMATION

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



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**Exhibit 7**  
**Page 6 of 6**  
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**A. INFORMAL APPEALS:** WAC 220-660-460 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov); fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee will conduct an informal hearing and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

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

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov); fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

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

Habitat Biologist      Angie.Peace@dfw.wa.gov  
Angie Peace            425-427-0570

for Director  
WDFW