



WASHINGTON STATE SCIENTIFIC COLLECTION PERMIT

Washington Department of Fish and Wildlife, Attn: SCP
600 Capitol Way North
Olympia, WA 98501
(360) 902-2464

RCW 77-32-240, WAC 220-20-045.

Permit holder is authorized to collect fish, shellfish, wildlife, or the nests of birds, as provided herein and under the Permit Conditions for:

- Display/Education Research/ Scientific Investigation Stream Assessment

Starting Date: **April 1, 2013**

Expiration Date: **April 1, 2014**

Permit Holder: Christopher C. Caudill Agency: University of Idaho Address: 875 Perimeter Drive MS 1136 Moscow, ID 83744-1136	Telephone: 208-885-7614 Email: caudill@uidaho.edu
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Sub-Permit Holder(s): Charles Boggs Christopher Noyes Daniel Joosten	Eric Johnson Jeff Garnett Les Layng	Mark Kirk Steve Lee Theresa Tillson	Tim Blubaugh Travis Dick
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Species:	Number:	Location:	Method of Collection:
Adult Chinook salmon	600	Skamania Co.	Capture, euthanize, anesthetize, weigh, measure, radio-tag salmonids, and dam fish trap.
Jack Chinook salmon	300	Skamania Co.	
Adult Sockeye salmon	400	Skamania Co.	
Adult Steelhead	800	Skamania Co.	
Adult Chinook salmon	300	Franklin Co.	
Adult Steelhead	100	Whiteman Co.	

GENERAL PERMIT CONDITIONS:

1. A Scientific Collection Permit is non-transferable.
2. A copy of this permit must be in the possession of any person exercising the privileges authorized by this permit.
3. The Permit Holder is responsible for ensuring that all Sub-Permit Holders are qualified and experienced to conduct the specified activities and comply with all conditions of this permit. Only those Sub-Permit Holder(s) listed on the permit are authorized to engage in permitted activities.
4. Please note that compliance with Scientific Collection Permit requirements and permit conditions does not ensure compliance with federal, local, or other state laws. Collection of state or federal endangered or threatened species, state sensitive species, or state or federal candidate species is prohibited unless specifically authorized in this permit. Collection of game birds or game animals is prohibited unless specifically authorized in this permit. Collection of migratory birds, marine mammals, and any species listed under the federal Endangered Species Act may require a federal permit before collecting.

For any collection/research activity of marine mammals and/or federally-protected anadromous and marine fish species, etc., contact NOAA-National Marine Fisheries Service at <http://www.nmfs.noaa.gov/Endangered.htm> or 503-230-5400. For any collection/research activity of migratory birds, resident fish species (bull trout) and/or federally-protected wildlife, contact U.S. Fish and Wildlife Service at <http://endangered.fws.gov> or 360-753-9440.

5. This permit does not authorize collection from non-WDFW protected lands or waters (may include but not exclusive to: parks,

Non-target species must be returned immediately to the water in a fashion that will not injure them or cause mortality.

To prevent the spreading of aquatic invasive species, permit holder shall follow the procedures in the attachment, WDFW Protocols For Field Work Version 2 dated November 2012 (or the latest version of this document). For additional information on aquatic invasive species, please visit the WDFW website at <http://wdfw.wa.gov/ais/>.

Permit holder must euthanize and dispose of all collected non-indigenous or invasive species that fall under the classification "Prohibited aquatic species" (WAC 220-12-090) at an appropriate upland site or they must be sent to a landfill or sanitary sewage system in accordance with local regulations. No invasive specimens may be disposed of on any beach or reintroduced to a freshwater or marine habitat of any kind. A report that indicates the numbers of each prohibited species encountered as well as the locations of their capture is required to be submitted to WDFW.

For more information regarding this condition, contact WDFW aquatic invasive species biologist Allen Pleus (360-902-2724).

Aliquots of any tissue samples collected, together with accompanying collection and biological data, may need to be provided to WDFW for potential future use by its staff or by others. Prior to sampling, permit holders must contact the WDFW Molecular Genetics Lab at 360-902-2774 (<http://wdfw.wa.gov/genetics/index.htm>) regarding this condition.

Permit holder shall provide radio frequencies of tagged fish to WDFW district fish biologist Glen Mendel (509-382-1005 or Glen.Mendel@dfw.wa.gov) so that he can potentially track parts of the Tucannon River.

Permit holder shall coordinate and potentially collaborate for telemetry in the Tucannon River with WDFW district fish biologist Glen Mendel (509-382-1005 or Glen.Mendel@dfw.wa.gov).

Permit holder should check returning adults that are collected for other tags, clips etc. which might indicate that they were part of control or treatment groups from other investigations.

Fish Anesthesia

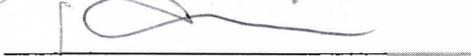
1. MS-222 may not be used at times and in places where fish may be subject to "catch and keep" fisheries within 21 days.
2. Clove oil may not be used at all.
3. AQUI-S® may be used as an alternative to MS-222.
 - a. To use AQUI-S® 20E as an immediate release sedative in freshwater finfish for field-based activities, permit holder must sign-up to participate in USFWS-AADAP INAD 11-741 and must comply with the requirements as set forth in the INAD Study Protocol for AQUI-S® 20E (For more information about aquatic animal drugs, AQUI-S® 20E, or to apply to participate in USFWS-AADAP INAD 11-741, go to www.fws.gov/fisheries/aadap or contact the USFWS-AADAP INAD Administrator, Bonnie Johnson, at Bonnie.Johnson@fws.gov or 406-994-9905).
4. Carbon dioxide can be used as a fish anesthetic as per FDA rules and requires no withdrawal time.
5. As an alternative to chemicals, electroanesthesia can be used as a fish anesthetic and requires no withdrawal time.

A transport permit is required to transport live finfish and/or gametes. Contact WDFW fish health biologist Joan Thomas (360-902-2667 or Joan.Thomas@dfw.wa.gov) for more information.

I have reviewed this application and I have left messages with the applicant. I support approval of this application, but I do want to I am also requesting the radio frequencies so we can potentially track parts of the Tucannon River.

The undersigned agrees to comply with the general and special conditions of this Scientific Collection Permit, and agrees to file a final report within 60 days of the expiration date of the permit.

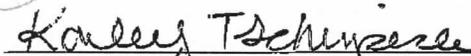
This permit is not valid until signed by the permit holder and returned to WDFW either electronically or through the mail.



Signature of Permit Holder

3/26/13

Date



Signature of WDFW Representative

3/26/13

Date

THIS PERMIT MAY BE REVOKED OR MODIFIED AT THE DISCRETION OF THE DIRECTOR OR THE DIRECTOR'S DESIGNEE.