



Washington
Department of
**FISH and
WILDLIFE**

WASHINGTON STATE SCIENTIFIC COLLECTION PERMIT Washington Department of Fish and Wildlife

Please see **SCIENTIFIC/EDUCATION COLLECTION PERMIT (SCP) INSTRUCTIONS**
Attach a brief Study Plan, Applicant Qualifications and \$117. Allow **60 days** for processing.

Applications and annual reports can be submitted via e-mail to scp@dfw.wa.gov or standard mail to:

WDFW Licensing Attn: SCP
600 Capitol Way North
Olympia, WA 98504-3150

If you have questions please contact:

phone: (360) 902-2464, Option 4

e-mail: scp@dfw.wa.gov

Permit Number (WDFW Use): **DEHART 16-400**

1. APPLICANT INFORMATION			
Name:	Michele DeHart	Agency:	Fish Passage Center
Number:	503 833-3901	Address:	847 NE 19th Avenue, Suite 250
E-mail:	mdehart@fpc.org		Portland OR 97232
2. SUB-PERMIT HOLDERS			
Rick Martinson	541 296-8989	Dean Ballinger	509 427-2725
3. THIS APPLICATION IS:			
<input type="checkbox"/> New		<input checked="" type="checkbox"/> Renew Permit # 16-023 DEHART	
<input type="checkbox"/> Amendment to Permit # _____		<input type="checkbox"/> SALVAGE PERMIT ONLY	
4. PURPOSE OF COLLECTION OR HANDLING (check both if applicable)			
<input type="checkbox"/> Instruction/Education Display		<input checked="" type="checkbox"/> Research/Scientific Investigation	
5. RESEARCH OBJECTIVES (check all that apply):			
<input type="checkbox"/> Aging	<input type="checkbox"/> Behavior	<input type="checkbox"/> Physiology	<input type="checkbox"/> Artificial Propagation
<input checked="" type="checkbox"/> Census	<input type="checkbox"/> Presence/Absence	<input type="checkbox"/> Population Distribution	<input checked="" type="checkbox"/> Life History
<input type="checkbox"/> Lab Use	<input type="checkbox"/> Pathology	<input type="checkbox"/> Tissue Sampling	<input type="checkbox"/> Genetic
<input type="checkbox"/> Stream Typing	<input checked="" type="checkbox"/> Other: Fish Condition		

6. PERMIT TIMELINE*:	
Project Start Date :March 1, 2017	Project End Date: October 31, 2017
Permit Expiration Date (WDFW Use): 10-31-2017	*SCPs are valid for a maximum of 12months.

7. TYPE OF ANIMALS TO BE COLLECTED OR HANDLED:	
<input type="checkbox"/> Wildlife*	<input checked="" type="checkbox"/> Fish <input type="checkbox"/> Aquatic Invertebrates – specify: <input type="checkbox"/> Marine <input type="checkbox"/> Freshwater
8. SPECIFIC TYPE(S) (check all that apply):	
<input type="checkbox"/> Non-Raptor Birds	<input type="checkbox"/> Marine Fishes <input checked="" type="checkbox"/> State and/or Federal Threatened or Endangered
<input type="checkbox"/> Raptors	<input checked="" type="checkbox"/> Freshwater Fishes Species Detail: _____
<input type="checkbox"/> Mammals	<input type="checkbox"/> Reptiles/Amphibians
<input type="checkbox"/> Bats	<input type="checkbox"/> Terrestrial Invertebrates

9. COLLECTION INFORMATION:		
Species Requested – Common & Scientific names	Stream Section for Fish; County required	Max # of Non-lethal or Salvage take
Bonneville Dam Juvenile Bypass Facility WRIA 28, Skamania County	Yearling Chinook, <i>Oncorhynchus tshawytscha</i>	35,000
	Subyearling Chinook, <i>Oncorhynchus tshawytscha</i>	60,000
	Sockeye, <i>Oncorhynchus nerka</i>	12,000
	Coho, <i>Oncorhynchus kisutch</i>	10,000
	Chum, <i>Oncorhynchus keta</i>	500
	Steelhead, <i>Oncorhynchus mykiss</i>	15,000
	Bass, <i>Micropterus salmoides</i> and <i>Micropterus dolomeiui</i>	5,000
	Peamouth, <i>Mylocheilus caurinus</i>	5,000
	Juvenile Lamprey, <i>Lampetra tridentata</i> and <i>Lampetra ayresi</i>	5,000
	Sculpin, <i>Cottus asper</i>	5,000
	Northern Pikeminnow, <i>Ptychocheilus oregonensis</i>	5,000
	Bullhead, <i>Ictalurus nebulosus</i>	5,000
	Catfish, <i>Ictalurus punctatus</i>	5,000
	Carp, <i>Cyprinus carpio</i>	5,000
	Perch, <i>Perca flavescens</i>	5,000
	Shad, <i>Alosa sapidissima</i>	1,500,000
	Bluegill and pumpkinseed, <i>Lepomis macrochirus</i> and <i>Lepomis gibbosus</i>	500
	Three spine Stickleback, <i>Gasterosteus aculeatus</i>	500
	Siberian Prawn, <i>Palaemon modestus</i>	1500
	Banded Killifish, <i>Fundulus diaphanus</i>	10
	Crappie sp., <i>Pomoxis</i> sp.	50
	Cutthroat trout, <i>Oncorhynchus clarkii</i>	10
	Kokanee, <i>Oncorhynchus nerka</i>	10
	Adult lamprey, <i>Lampetra tridentata</i>	25
	Sucker sp., <i>Catostomus</i> sp.	50
Sand roller, <i>Percopsis transmontana</i>	10	
Rainbow Trout, <i>Oncorhynchus mykiss</i>	25	
Redside shiner, <i>Richardsonius balteatus</i>	10	
10. METHODS OF COLLECTION:		
<input type="checkbox"/> Firearms are being used for this collection.		
Lethal:		Species:
Non-lethal: Timed collection of sample diverted from bypass flume to sample tank.		Species: All listed
Salvage:		Species:
Body-gripping traps: <input type="checkbox"/> Padded Foot-hold <input type="checkbox"/> Non-strangling type Foot Snare		Species:
Electrofishing: <input type="checkbox"/> Backpack <input type="checkbox"/> Boat		Species:
11. MARKING (check all that apply):		
<input type="checkbox"/> Band <input type="checkbox"/> Mark <input type="checkbox"/> Other (please describe): _____		
<input type="checkbox"/> Fit with radio/acoustic telemetry transmitters: Max # of Transmitters _____ Radio Frequencies/Tag Codes		
12. DISPOSITION OF SPECIMENS (check all that apply):		
<input type="checkbox"/> Display Permanent – Dead	<input type="checkbox"/> Display Temporary - Dead	
<input type="checkbox"/> Display Permanent – Live	<input type="checkbox"/> Display Temporary – Live	
<input type="checkbox"/> Live Housing Research of Laboratory use –	<input type="checkbox"/> Temporary	<input type="checkbox"/> Permanent
<input checked="" type="checkbox"/> Immediate Release at Capture Site	<input type="checkbox"/> Euthanize	<input type="checkbox"/> Carcass disposal at site
<input type="checkbox"/> Relocated to Wild (additional permits may be required; wildlife may not be captured and relocated without a permit)		
<input type="checkbox"/> Other (please describe): _____		

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, including collection by firearms 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, reserves, refuges, natural areas, conservation areas, tribal lands, monuments, etc.). This permit does not authorize trespassing on private or restricted public lands. Additional permits issued by other state and local agencies, tribal governments, or landowners/managers may be required.
6. No collection shall occur in WDFW Marine Preserves or Conservation Areas (see <http://wdfw.wa.gov/fishing/mpa>), or Wildlife Areas unless permission is obtained from the Area manager. Contact the appropriate WDFW Regional Office for information. Regional office information is listed at <http://wdfw.wa.gov/about/regions>.
7. Specimens acquired under this permit remain the property of the state and will not be offered for sale or sold or used for commercial purposes or human consumption. Exchange or transfer of specimens, unless otherwise specified in this permit, requires prior written approval from the Director of WDFW.
8. Employees of WDFW have the right to inspect the collection activities authorized by this permit.
9. Vessels engaged in collection activities shall display a sign "RESEARCH," readable at 100 feet to unaided vision.
10. Permit Holders using unattended equipment must have attached to that equipment, a tag clearly marked with the permit number and name and current address of the Permit Holder. The address used may be that of the organization the Permit Holder represents, e.g., university, company, or corporation.
11. Permit holders may only use FDA approved fish anesthesia.
 - a) **MS-222** may not be used at times/in places where fish may be subject to "catch and keep" fisheries within 21 days;
 - b) **Clove oil** may not be used at all;
 - c) **AQUI-S®** may be used as an alternative to MS-222.
 - i. To use AQUI-S® 20E as an immediate release sedative in freshwater fish 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 Johnston at Bonnie.Johnston@fws.gov or 406-994-9905).
 - d) Carbon dioxide can be used as a fish anesthetic as per FDA rules and requires no withdrawal time;
 - e) As alternative to chemicals, electroanesthesia can be used as a fish anesthetic and requires no withdrawal time.
12. Unless otherwise specified in this permit, release of specimens is allowed only at the exact capture site immediately after capture. Release of fish and marine and freshwater invertebrates at any other site or time requires a transport, release, or planting permit. Relocating wildlife and releasing wildlife other than at the location of capture requires a special permit. The conditions of this permit may specify that no release of certain specimens is allowed. Contact WDFW Fish Program (360-902-2700) or Wildlife Program (360-902-2515) for further information.
13. Temporary holding of wildlife is permitted for identification only. Individuals must be released at site of capture, unless they exhibit evidence of disease.
14. Wildlife Salvage — Notify the WDFW immediately if any State or Federally listed Threatened or Endangered species are encountered or salvaged and any salvaged State or Federal Threatened or Endangered Species must go to a major research collection such as WSU Conner Museum, University of Puget Sound Slater Museum of natural History, or UW Seattle Burke Museum, or as directed by the WDFW.

Reporting Requirements:

Permit renewal is contingent upon submission of a complete Annual Report. Reports must be submitted to WDFW upon completion of the display, education, or research project or the expiration date of the permit, whichever comes first, and must be received no later than 60 days after the expiration of the permit. All reports submitted to WDFW shall include Permit Holder's name and permit number and all required information on the Annual Report Form.

For **anadromous fish and freshwater collections**, the report shall include the 1) Date of collection; 2) Species name (for invertebrates, to the lowest taxonomic level possible); 3) Numbers of each species encountered and/or retained; 4) Location of each sample site, including county, water body, and latitude/longitude or GPS coordinates; 5) Disposition of specimens. This information is to be recorded at each capture site and includes ALL species encountered (or impacted by the collection activity) even if not retained or meant for the study

For **marine collections**, the report shall include the 1) Date of collection; 2) Species name (to the lowest taxonomic level possible); 3) Numbers of each species encountered and/or retained; 4) Location of each sample site, including county, water body, and latitude/longitude or GPS coordinates; 5) Disposition of specimens. This information is to be recorded at each capture site and includes ALL classified and unclassified species encountered (or impacted by the collection activity) even if not retained or meant for the study. IN ADDITION for:

- i. **Rock scallops** (*Crassodoma gigantea*) include: specific location, mortality of any rock scallop during collection, exact position and depth of specimens collected, and shell length measured from edge to edge at the widest part of the shell.
- ii. **Octopus** (*Enteroctopus dofleini*) include: specific location, individual weight, depth, and sex of octopus taken.

For **wildlife collections**, the annual report shall include all categories on the Annual Report Form including the 1) Date of collection; 2) Species name (common and scientific) with numbers collected, numbers released, and disposition of individuals; 3) Location of collection including GPS coordinates, number of accidental mortalities.

SPECIAL CONDITIONS:

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/>.

Aquatic Invasive Species (AIS) Conditions:

Permit holder is required to humanely euthanize all collected aquatic invasive species (AIS) classified as "Prohibited aquatic animal species" under WAC 220-12-090 except as noted below for transport purposes. Collection of all Prohibited level 1 species¹ must be reported immediately to WDFW with photos of the species and specimens saved until provided to WDFW or directed to dispose. All other prohibited AIS must be euthanized before being removed from the immediate vicinity of the water body where collected and then disposed of in a public landfill system or chemically preserved. Collection and disposal of all other prohibited AIS must be included in a report submitted to WDFW within 30 days using the online reporting form noted below.

Permit holder may transport live prohibited AIS outside the immediate vicinity of the water body where collected only under the following conditions:

1. Transport to nearest WDFW regional office or headquarters for purpose of identification; AND
2. Transported in a secure container to prevent release of either the AIS or any associated water, plant, sediment, animal, or other materials; OR
3. Transported as authorized by a separate WDFW AIS Permit secured prior to collection.

Contact information:

WDFW Headquarters: 360-902-2700 and request Aquatic Invasive Species Unit Staff

Online reporting form: www.wdfw.wa.gov/ais/reporting

Toll-free: 888-933-9247

¹ Includes: Zebra mussels (*Dreissena polymorpha*), quagga mussels (*Dreissena rostriformis bugensis*), European green crab (*Carcinus maenas*), and all members of the genus Eriocheir (including Chinese mitten crabs), all members of the walking catfish family (Clariidae), all members of the snakehead family (Channidae), silver carp (*Hypophthalmichthys molitrix*), largescale silver carp (*Hypophthalmichthys harmandi*), black carp (*Mylopharyngodon piceus*), and bighead carp (*Hypophthalmichthys nobilis*).

A violation of the terms or conditions of this permit is an infraction unless it involves big game, which is a gross misdemeanor. By signing below, permit holder agrees to the conditions of this permit and those in WAC 220-20-045 and RCW 77.32.240.

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

February 8, 2017

Signature of Permit Holder

Date

February 9, 2017

Signature of WDFW Representative

Date

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