



STATE OF ALASKA
DEPARTMENT OF FISH AND GAME

P.O. BOX 115525
JUNEAU, ALASKA 99811-5525

Permit #: SF2008-100

Expires: 12/31/2008

Collections Report Due: 1/31/2009

FISH RESOURCE PERMIT
(For Scientific/Educational Purposes)

This permit authorizes Jack Stanford (whose signature is required on page 2 for permit validation)
person
of Flathead Lake Biological Station-U of MT at 32125 BioStation Lane, Polson, MT 59860
agency or organization address

to conduct the following activities from June 1, 2008 to December 31, 2008 in accordance with AS 16.05.930:

Purpose: To estimate salmonid and riverine productivity of randomly selected river reaches in each river system.

Location: Rivers: Copper, Mulchatna, and the Sagavanirktok

Species Collected: Chinook/chum/coho/pink/sockeye salmon, rainbow trout

Method of Capture: Hook-and-line, minnow traps, backpack electrofisher (see Stipulation #)

Final Disposition: Any number and species of fish may be collected/measured and released alive at capture sites.
The following fish may be killed for samples:
≤10 adults of each species from each river
≤5 YOY Chinook/chum/coho/pink/sockeye salmon and rainbow trout at each of five sites per river
≤5 Chinook/coho/sockeye salmon and rainbow trout (age 1) at each of five sites on each river
All fish biomass not used for samples must be disposed of at capture sites.

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REPORT DUE January 31, 2009. The report shall include species, numbers, dates, and locations of collection (datum/GPS coordinates in the decimal degrees format (dd.ddddd)) and disposition, and if applicable, sex, age, and breeding condition, and lengths and weights of fish. *It must also include the date/time the local biologist was contacted for final authorization to carry out collecting activities. A completion report (abstract, background, methods, data, analysis), if not submitted with the collection report described above, must be submitted to the department by: June 2009.* Data from such reports are considered public information. The report shall also include other information as may be required under the permit stipulations section.

GENERAL CONDITIONS, EXCEPTIONS AND RESTRICTIONS

1. This permit must be carried by person(s) specified during approved activities who shall show it on request to persons authorized to enforce Alaska's fish and game laws. This permit is nontransferable and will be revoked or renewal denied by the Commissioner of Fish and Game if the permittee violates any of its conditions, exceptions or restrictions. No re-delegation of authority may be allowed under this permit unless specifically noted.
2. No specimens taken under authority hereof may be sold or bartered. All specimens must be deposited in a public museum or a public scientific or educational institution unless otherwise stated herein. Subpermittees shall not retain possession of live animals or other specimens.
3. The permittee shall keep records of all activities conducted under authority of this permit, available for inspection at all reasonable hours upon request of any authorized state enforcement officer.
4. Permits will not be renewed until the department has received detailed reports, as specified above.
5. UNLESS SPECIFICALLY STATED HEREIN, THIS PERMIT DOES NOT AUTHORIZE the exportation of specimens or the taking of specimens in areas otherwise closed to hunting and fishing; without appropriate licenses required by state regulations; during closed seasons; or in any manner, by any means, at any time not permitted by those regulations.

Bob Quirk
Fish Resource Permit Coordinator
Division of Sport Fish

Robert Bantz
Director
Division of Sport Fish

4-28-08
Date

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Authorized Personnel: The following persons may perform collecting activities under terms of this permit:

**Samantha Chilcote, David Colbeck, Deanna Dewire, Bonnie Ellis, Phil Matsen,
Jason Mouw, Jack Stanford, Mark Wipfli, Diane Whited**

Employees and volunteers under the direct supervision of, and in the presence of, one of the authorized personnel listed above may participate in collecting activities under terms of this permit.

Permit Stipulations:

- 1) The local Area Management Biologist, **Jason Dye** (842-2427; jason.dye@alaska.gov) Dillingham; **Brendan Scanlon** (443-5796; brendan.scanlon@alaska.gov) Northwest/Arctic, **Mark A. Somerville** (822-3309; mark.somerville@alaska.gov), Upper Copper/Upper Susitna, **must be notified prior to you engaging in any collecting activities**. These biologists have the right to specify methods for collecting, as well as limiting the collections of any species by number, time and location.
- 2) A valid Alaska sport-fishing license must be in the possession of any individual using hook-and-line gear.
- 3) Each piece of unattended sampling gear must be; 1) labeled with the permittee's name, telephone number, and permit number, 2) securely tied to substrate, 3) placed in a location where they will not be easily noticed (e.g. under cut banks, in pools away from roads or trails), 4) allowed to soak no more than twenty-four hours at a time, 5) located with GPS coordinates, and 6) accounted for/ removed at the conclusion of sampling.
- 4) Salmon eggs used as bait in traps must either be; sterilized commercial eggs or, if raw, be disinfected prior to use. A 10-minute soak in 1/100 Betadyne solution or some other iodophor disinfectant is adequate.
- 5) If anadromous fish are found in permitted streams and rivers, the permit holder will work closely with ADF&G to see that information is included in the database for the *Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes*. Anadromous fish include *Oncorhynchus spp.*, Arctic char, Dolly Varden, sheefish, smelts, lamprey, whitefish, and sturgeon. Please direct questions to J. Johnson, 267-2337 or j.johnson@alaska.gov
- 6) If samples suitable for genetic analysis are collected under this permit and are still in the permittee's possession, the permittee agrees to provide them to the GCL within three months of a request by the ADF&G.
- 7) Electroshocking is currently discouraged, but not prohibited by the department. Electroshockers **may not** be used in anadromous waters in the presence of adult salmonids, adult trout or adult char. In areas where other means of capture are not feasible, only one pass is allowed. Operators of electroshockers must have formal training.
- 8) **Atlantic salmon** and other **non-native invasive aquatic species** encountered should be killed. The nearest ADF&G office (**see Stipulation # 1**) must be contacted immediately with species identification or description, capture or sighting location, number captured, size, and sex. Preserve/turn in the whole specimen to the nearest ADF&G office.
- 9) *A copy of this permit, including any amendments, must be made available at all field collection sites and project sites for inspection upon request by a representative of the department or a law enforcement officer.*
- 10) Issuance of this permit does not absolve the permittee from compliance in full with any and all other applicable federal, state, or local laws, regulations, or ordinances.
- 11) A **report of collecting activities**, referenced to this fish resource permit number, must be submitted to the Alaska Department of Fish and Game, Division of Sport Fish HQ, P.O. Box 115525, Juneau, AK 99811-5525, Attention: Bob Piorkowski (465-6109; Robert.Piorkowski@alaska.gov), within 30 days after the expiration of this permit. This report must summarize the number of fish captured by date, by location (provide GPS coordinates and datum), and by species, and the fate of those fish. Fish length, weight, sex, and age data should be included if collected. A completion report (abstract/background/methods /data/analysis), if not submitted with the collection report described above, must be submitted to the department within six months of the expiration of the permit. Data from such reports are considered public information. A report is required whether or not collecting activities were undertaken. A report should also be sent to the Biologist(s) listed under **Stipulation #1**.

PERMIT VALIDATION requires permittee's signature agreeing to abide by permit conditions before beginning collecting activities:

Signature of Permittee

cc: Jason Dye, Division of Sport Fish, Dillingham
Brendan Scanlon, Division of Sport Fish, Fairbanks
Fred Bue, Division of Com Fish, Fairbanks
Mac McLean, ADNR, OHMP, Fairbanks

Mark Somerville, Division of Sport Fish, Glennallen
Tim Sands, Division of Commercial Fisheries, Dillingham
Scott Maclean, ADNR, OHMP, Anchorage
Fish and Wildlife Protection, Anchorage/Fairbanks