



STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME

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

Permit #: SF2009-085

Expires: 7/31/2009

Collections Report Due: 8/31/2009

FISH RESOURCE PERMIT  
(For Scientific/Educational Purposes)

This permit authorizes

Coowe Walker (whose signature is required on page 2 for permit validation)  
person

of Alaska Dept. of Fish and Game  
agency or organization

at KBRR, 95 Sterling Highway-Suite 2, Homer, AK 99603  
address

to conduct the following activities from May 1, 2009 to July 31, 2009 in accordance with AS 16.05.930:

**Purpose:** To identify salinity gradient zones and different habitat-type sites that may be sampled in future years.

**Location:** Mouth of the Fox River and associated tidal channels

**Species Collected:** Local species

**Method of Capture:** Beach seine, fyke net, minnow trap

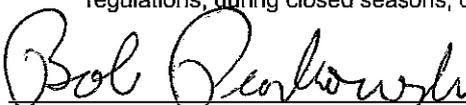
**Final Disposition:** Any number of fish/species may be collected/measured and released alive at capture sites.  $\leq 5$  of each Pacific salmon species at each of nine sites during each of six sampling periods may be killed for stomach content analysis. If  $\leq 50$  of one salmon species is taken during a particular collection, only 10% of that number, or a minimum of one specimen, may be killed.  $\leq 2$  individuals of each non-salmon species may be collected and preserved for voucher Specimens.

-Continued on Back-

**COLLECTIONS REPORT DUE August 31, 2009.** The report, using a template furnished by ADF&G, 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: **January/2010**. Data from such reports are considered public information. The report shall 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 redelegation 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.

  
Fish Resource Permit Coordinator  
Division of Sport Fish

  
for Director  
Division of Sport Fish

5-1-09  
Date

## **SF2009-085 continued (page 2 of 2)**

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

**Steve Baird, Tammy Hoem, Coowe Walker**

*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 (AMB), Nicky Szarzi (235-8191; [nicky.szarzi@alaska.gov](mailto:nicky.szarzi@alaska.gov)) Homer, must be notified prior to you engaging in any collecting activities. *The time/date of this contact must be included in your collections report (using the "data submission form" furnished by ADF&G).* These AMB have the right to specify methods for collecting, as well as limiting the collections of any species by number, time and location.
- 2) Any instance of >10% collecting mortality requires sampling at a site to cease immediately and the AMB be contacted.
- 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) allowed to soak no more than 12 hours at a time, 4) located with GPS coordinates, and 5) 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](mailto: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 ADF&G.
- 7) Atlantic salmon and other non-native invasive aquatic species encountered should be killed. Contact the nearest AMB (Stipulation # 1) 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.
- 8) *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.*
- 9) 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.
- 10) 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](mailto: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:**

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**Signature of Permittee**

cc: Nicky Szarzi, Division of Sport Fish, Homer  
Bert Lewis, Division of Commercial Fisheries, Cordova  
Lee McKinley, Division of Habitat,  
Fish and Wildlife Protection, Palmer