



STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
P.O. BOX 115525
JUNEAU, ALASKA 99811-5525

Permit #: SF2010-246

Expires: 12/31/2010

Collections Report Due: 12/15/2010

FISH RESOURCE PERMIT
(For Scientific/Educational Purposes)

This permit authorizes MaryLynn Barnwell (whose signature is required on page 2 for permit validation)
person

of Seward Elementary School at Box 247, Sea Lion Drive, Seward, AK 99664
agency or organization address

to conduct the following activities from August 17, 2010 to December 31, 2010 in accordance with AS 16.05.930:

Purpose: To carry out educational activities regarding the target system's ecology

Location: Scheffler Creek in Seward

Species Collected: Local species

Method of Capture: Minnow trap, D/kick nets, beach seine

Final Disposition: ≤50 of each fish species at each location during each sampling period may be collected, examined and returned alive to the capture site.
≤200 of each macroinvertebrate species may be collected and transported to a classroom aquarium. (Stipulations 8-9-10)
Unintended mortalities must be recorded and returned to capture site waters

-Continued on Back-

COLLECTIONS REPORT DUE December 15, 2010. The report, using a data submission form furnished by ADF&G), shall include ALL 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 handled. 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/2011. 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.


Fish Resource Permit Coordinator
Division of Sport Fish


Director
Division of Sport Fish

7/30/10
Date

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

Mary Lynn Barnwell, Robert Barnwell, Cindy Capra, Ruth D'Amico, Naomi Fischer, Eric Flowers, Ann Glicadus, Matt Gray, Jennifer Haugh, Elizabeth Jones, Valerie Kingsland, Augusta Linn, Mark Luthrell, April McDonald-Tougas, Terri McKnight, Lisa Morris, Carlyn Nichols, CJ Rae, Kathy Sandoval, Marc Swanson, Kathleen Toth-Stauble, Katie Turnbull

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) or his assistant, Dan Bosch (267-2153; dan.bosch@alaska.gov) Anchorage; Sam Hochhalter (424-3212 or 398-1457; samuel.hochhalter@alaska.gov) Cordova) must be contacted for final authorization 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) An instance of >10% unintended collecting mortality requires sampling at a site to cease and the AMB contacted.
- 3) Students should receive instruction on invasive species and Alaska Fish Transport/Import law. Resource→ The Alaska Aquatic Nuisance Species Management Plan http://www.adfg.state.ak.us/special/invasive/ak_ansmp.pdf
- 4) 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.
- 5) 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.
- 6) If anadromous fish species new to permitted streams and rivers are found, 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
- 7) **Atlantic salmon** and other **non-native invasive aquatic species** that you encounter during your sampling should be killed. In such an event please contact the nearest AMB (**Stipulation #1**) ASAP with species identification or description, capture location or location of sighting if capture is not possible, number captured, size, and sex. Preserve and turn in the whole specimen to the nearest ADF&G office.
- 8) All aquaria effluent must be treated before discharge. Fourteen ounces of household chlorine bleach must be added to and adequately mixed with each gallon of wastewater to be treated. This solution must stand for five minutes and then may be discharged into a municipal waste water treatment system.
- 9) Note: a) This permit number and its date of expiration must be displayed on all aquaria for which you provide fish; b) this permit will expire on December 31, 2010—apply for/obtain a FRP that is effective on January 1, 2011 if the aquaria will still contain fish.
- 10) This permit will fulfill the requirements of 5AAC 41.005 – 41.060 pertaining to Fish Transport Permits with the condition that the transported species be destroyed when the permit expires and not be released to the wild.
- 11) *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.*
- 12) 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.
- 13) 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), and to the AMB (**Stipulation #1**) 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.

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

Signature of Permittee

cc: Dan Bosch, Division of Sport Fish, Anchorage
Bert Lewis, Division of ComFish, Cordova
Fish and Wildlife Protection, Soldotna

Sam Hochhalter, Division of Sport Fish, Cordova
Mike Daigneault, Division of Habitat, Anchorage