



STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
333 Raspberry Rd.
ANCHORAGE, ALASKA 99518

Permit #: **SF2013-227**

Expires: **12/31/2013**

Collections Report Due: **1/31/2014**

FISH RESOURCE PERMIT
(For Scientific/Educational Purposes)

This permit authorizes **Andrew Cyr** (whose signature is required on page 2 for permit validation) person of **University of Alaska Fairbanks** agency or organization at **Box 756100, Fairbanks, Alaska 997765-6100** address

to conduct the following activities from **May 15, 2013 to December 31, 2013** in accordance with AS 16.05.930:

Purpose: Pilot project to examine contaminants in fish within the Southeast Alaska National Park Network

Location: Four sites each in: Indian River (of Sitka NHP), Taiya River (of Klondike Gold Rush NHP)

Species Collected: Local species

Method of Capture: Beach seine, minnow trap (**Stipulations #4 and #5**), hook-and-line (**Stipulation #2**)

Final Disposition: ≤50 juveniles each of coho salmon/Dolly Varden and ≤100 juvenile pink salmon may be collected and killed in the Indian River, and then taken to a lab for contaminants analysis.
≤50 juveniles each of coho salmon/Dolly Varden/sockeye salmon and ≤100 juvenile pink salmon may be collected and killed in the Taiya River, and then taken to a lab for contaminants analysis.
≤10 adult pink salmon may be collected and killed in the Indian River and then taken to a lab for contaminants analysis.
≤10 adult coho salmon, ≤10 adult pink salmon, and ≤10 sockeye salmon may be collected and killed in the Taiya River and then taken to a lab for contaminants analysis.
≤100 individuals of the following species, in each River listed, may be killed and then taken to a lab for contaminants analysis:
Coastrange sculpin, ninespine stickleback, slimy sculpin, threespine stickleback
All unintended mortalities must be recorded and returned to capture site waters.
All carcasses remaining after lab analyses must be incinerated.

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COLLECTIONS REPORT DUE January 31, 2014. 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 FRP program coordinator by: **JUNE/2014**. 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.

Scott D. Cyr
Fish Resource Permit Coordinator
Division of Sport Fish

Larry Boyle
for Director
Division of Sport Fish

May 8, 2013
Date

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

Andrew Cyr, Andres Lopez, Todd O'Hara, Chris Sergeant

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), **Richard Chapell** (766-3638; richard.chapell@alaska.gov) Haines; **Troy Tydingco** (747-5355 or 738-1911; Troy.Tydingco@alaska.gov) Sitka, 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) A valid Alaska sport-fishing license must be in the possession of any individual using hook-and-line gear.
- 3) An instance of >10% unintended collecting mortality requires sampling at a site to cease and the AMB contacted.
- 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. Commercial eggs must be placed into a container that does not allow the fish to consume them (e.g., film canister with holes punched in it, plastic bag with slits cut in it).
- 6) Gloves, boots, and collecting gear should be disinfected between streams to reduce the potential of pathogen transmission. A wash/rinse in 1/100 Betadyne solution is adequate. **Felt or absorbent soles on waders and wading boots are prohibited.**
- 7) 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
- 8) Please contact Tammy Davis, ADF&G Invasive Species Program (465-6183 or 1-877-INVASIV), and the nearest AMB (**Stipulation #1**) within 24 hours should you find an **Atlantic salmon** and/or other **non-native invasive aquatic species** during your sampling. If possible the organism should be killed, preserved by freezing or placing into 90% alcohol, and taken to the nearest ADF&G office. Please take a photo of the organism, as well as a photo of the organism in the environment in which it was observed, and note the location with a GPS or by describing it on a map with landmarks.
- 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 with any and all other applicable federal, state, or local laws, regulations, ordinances including securing permissions to trespass on controlled lands.
- 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, 333 Raspberry Rd, Anchorage, AK 99518, Attention: Scott Ayers (267-2517; scott.ayers@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: Richard Chapell, Division of Sport Fish, Haines/Skagway
Troy Tydingco, Division of Sport Fish, Sitka
Patrick Fowler, Division of Sport Fish, Sitka
Randy Bachman, Division of Commercial Fisheries, Haines/Skagway
Dave Gordon, Division of Commercial Fisheries, Sitka
Jackie Timothy, Division of Habitat, Juneau
Fish and Wildlife Protection, Juneau