



STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME

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

Permit #: SF2008-063

Expires: 10/31/2008

Collections Report/Samples Due: 11/30/2008

FISH RESOURCE PERMIT  
(For Scientific/Educational Purposes)

This permit authorizes Michael Peel (whose signature is required on page 2 for permit validation)  
person  
of Organized Village of Kasaan at  
agency or organization address

to conduct the following activities from March 10, 2008 to October 31, 2008 in accordance with AS 16.05.930:

**Purpose:** To assess the biological structure/escapement of steelhead trout and sockeye salmon populations.

**Location:** Karta River and its tributaries

**Species Collected:** Sockeye salmon and steelhead trout

**Method of Capture:** Weir, beach seine, dip net

**Department Sample Requirements:** The Department requests samples suitable for genetic analysis from 100 sockeyes in Anderson Creek handled under this permit (See **Stipulation # 6** for sampling details).

**Final Disposition:** ≤1,000 sockeye salmon may be captured/measured/scale sampled, marked with a fin clip as specified in the study plan and then be released at the weir site  
≤2,000 sockeye salmon be captured, examined and released alive on the spawning grounds  
≤1,000 steelhead trout may be measured, genetically/scale sampled, tagged with a uniquely numbered floy tag, receive a caudal punch and then be released alive at the weir site.

-Continued on Back-

**REPORT DUE November 30, 2008.** 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: April 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 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.

Bob Pivkowsky  
Fish Resource Permit Coordinator  
Division of Sport Fish

Robert Bortz  
for Director  
Division of Sport Fish

3-13-08  
Date

## **SF2008-063 continued (page 2 of 2)**

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

**Joey Adams, Pete Adams, Dan Edenshaw, Daniel Frank, Cathy Needham, Michael Peel**

*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, **Steve McCurdy** (826-2498; [steve.mccurdy@alaska.gov](mailto:steve.mccurdy@alaska.gov)) POW Island, **must be notified prior to you engaging in any collecting activities**. This biologist has the right to specify methods for collecting, as well as limiting the collections of any species by number, time and location.
- 2) State regulations prohibit fishing within 300 feet of a weir, and Federal regulations prohibit the take of fish for subsistence uses within 300 feet of a weir. Any observations of such activities must be reported as soon as possible to the local ADF&G biologist. In addition, the field crew is encouraged to inform anyone who is observed engaging in such activities that their actions are in violation of state and federal law. The local ADF&G Biologist will furnish regulatory signs you must post at designated locations. You should also post an informational sign for anglers listing the weir operator, what is being done and a contact name and number for more information or comments.
- 3) Proper Tagging procedures (e.g. placement, frequent needle change, etc) must be strictly followed (**Attachment 1**). All sampling tools (punches, clippers, etc.) that are inserted into or cut fish be placed in an iodophor bath with a 1:100 concentration between fish.
- 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) located with GPS coordinates, and 4) accounted for/ removed at the conclusion of sampling.
- 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) You must contact Judy Berger (907-267-2175, [judy.berger@alaska.gov](mailto:judy.berger@alaska.gov)) to obtain sampling instructions and sampling supplies prior to the start of the sampling period. She requests one week notice prior to field deployment for scheduling time to assemble sampling supplies. Samples are required to be delivered to the Department by the sample due date listed in the heading of this permit.
- 7) **Atlantic salmon and other non-native invasive aquatic species** encountered should be killed. Immediately contact the nearest ADF&G office (**see Stipulation # 1**) with species identification or description, capture or sighting location, number captured, size, and sex. Preserve and turn in the whole specimen.
- 8) *A Title 41 Permit is required from Alaska Department of Natural Resources, Office of Habitat Management and Permitting, to place structures (weir, etc.) in streams.*
- 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](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:

\_\_\_\_\_  
**Signature of Permittee**

cc: Steve McCurdy, Division of Sport Fish, Craig  
William Bergman, Division of Commercial Fisheries, Petersburg  
Mark Minnillo, ADNRR, Office of Habitat Management and Permitting, Craig  
Fish and Wildlife Protection, Juneau

## MARK II TAGGING GUNS — OPERATING INSTRUCTIONS

### LOADING

1. Insert tag clip into round hole at top of gun.
2. Line up the slot in the needle with the slot in the gun.
3. Push clip down as far as it will go. Gun is now ready for use.

### SUGGESTED TAGGING PROCEDURE

1. A clip of blank tags is provided for your practice tagging. We recommend that you practice tagging techniques on a practice fish, dissecting the fish to check your anchor placement.

2. Hold the fish **FIRMLY** in swimming position when it is tagged to reduce movement. Anesthetized fish should be held firmly as well. A squirming fish may bend the needle or cause injury. Flick off a scale with the needle tip to lessen the entry wound and to keep any scale from being forced into the fish.

3. Insert needle on the left side of the fish, forcing it forward through the dorsal rays toward the anterior of the dorsal. This placement should "lock" the T-bar firmly behind the rays.

4. Once the needle has been inserted, hold the gun firmly against the fish's body while compressing the handle. Compress the handle fully.

5. Twist the gun slightly so the tag stays as you withdraw the needle. Do not release the compressed handle until the needle has been withdrawn. Once withdrawn, release the handle slowly to make certain the next tag is fed into position for tagging. Failure to do so may cause the feed mechanism to skip.

6. Tug tag lightly to set.



### IF YOUR GUN JAMS

1. Do not attempt to clear the jam by forcing through the mechanism. This could cause damage.
2. Remove the clip by pushing the white button on left side of gun.
3. Remove jammed tag from needle or gun. Inspect needle and gun for alignment. Re-insert clip into gun.

### PROPER GUN AND NEEDLE CARE

1. Even stainless-steel guns operate better with proper cleaning and care, making your tagging procedures more efficient and productive.
2. Operate gun, without tags, in warm, soapy water to remove dirt, slime and scales.
3. Rinse carefully in warm (not hot) water. Shake and wipe dry.
4. Store in warm area to remove moisture from inside gun.
5. Lubricate with "WD-40" to prevent rust and reduce moisture.
6. When tagging under saline conditions, the gun should not be exposed to air any longer than absolutely necessary. A pan of fresh water should be kept at hand to "slosh" the gun continually. If tagging is interrupted, the gun and tags should be kept immersed in fresh water.



**FLOY TAG & MANUFACTURING, INC.**

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Seattle, Washington 98105  
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