



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

Permit #: **SF2010-235**

Expires: **12/31/2010**

Collections Report Due: **1/31/2011**

**FISH RESOURCE PERMIT**  
(For Scientific/Educational Purposes)

This permit authorizes **Dave Trudgeon** (whose signature is required on page 2 for permit validation)  
person

of **OASIS Environmental Inc.** at **825 W. 8<sup>th</sup> Ave. Suite 200, Anchorage, AK 99501**  
agency or organization address

to conduct the following activities from August 13, 2010 to December 31, 2010 in accordance with AS 16.05.930:

**Purpose:** To conduct baseline studies of fish populations in the target system as part of a hydroelectric study.

**Location:** Upper/lower Cascade Creek, Swan/Falls Lakes, and all unnamed tributaries

**Species Collected:** Local species

**Method of Capture:** Fyke/hoop nets, hook-and-line, minnow traps

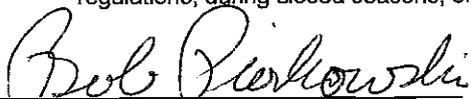
**Final Disposition:** Any number of each species may be collected, identified, scale-sampled, partial fin-clipped and released alive.  
Unintended mortalities must be recorded (**Stipulation #3**). They may be sampled after which they must be returned to the capture site.

**-Continued on Back-**

**COLLECTIONS REPORT DUE January 31, 2011.** The report, using a data submission form 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: **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 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

  
Director  
Division of Sport Fish

8/16/10  
Date

## **SF2010-235 continued (page 2 of 2)**

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

**Shelly Adams, Lisanne Aerts, Casey Bates, Josh Brekken, Drake Burford, Ryan Burich, John Gangemi, Sue Ives, John O'Brien, Carissa Schudel, Dave Trudgen, Marlene Wagner**

*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), Doug Fleming (772-5231; [doug.fleming@alaska.gov](mailto:doug.fleming@alaska.gov)) Petersburg, 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).* This AMB has 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) Any changes in marking or tagging of anadromous salmonids MUST be approved by the Alaska Department of Fish and Game Tag Lab. Contact **Cathy Robinson** at 465-4089 for approval. No adipose fin clips may be used on anadromous salmonids unless fish are coded-wire tagged.
- 5) Because the use of Aquic-S as a fish sedative is specifically prohibited by the FDA and MS-222 is prohibited from being used on any fish that may be eaten by humans for 21 days after treatment, the Division of Sport Fish position is that food grade clove oil, purchasable at grocery stores, is the most logical choice with the least concern for liability as a fish anesthesia for tagging and telemetry studies.
- 6) 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 twenty-four hours at a time, 4) located with GPS coordinates, and 5) accounted for/ removed at the conclusion of sampling.
- 7) 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 Betadine solution or some other iodophor disinfectant is adequate.
- 8) 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](mailto:j.johnson@alaska.gov)
- 9) 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 ADF&G within three months of a request.
- 10) **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.
- 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 with any and all other applicable federal, state, or local laws, regulations, ordinances including *securing permissions to trespass on controlled lands*.
- 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 Piorowski (465-6109; [Robert.Piorowski@alaska.gov](mailto:Robert.Piorowski@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:**

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Signature of Permittee

cc: Doug Fleming, Division of Sport Fish, Petersburg  
Troy Thynes, Division of Commercial Fisheries, Petersburg  
Jackie Timothy, Division of Habitat, Juneau  
Fish and Wildlife Protection, Juneau