

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME

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

Permit No. SF2006-152

Expires: 12/31/2006

FISH RESOURCE PERMIT
(For Scientific/Educational Purposes)

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

of HDR, Alaska, Inc. at 2525 C. Street, Suite 305, Anchorage, Alaska, 99503
agency or organization address

to conduct the following activities from June 6, 2006 to December 31, 2006 in accordance with AS 16.05.930:

Purpose: To document the distribution and relative abundance of aquatic resources within freshwaters of the Turnagain Arm area, for purposes of minimization and avoidance of fish habitat impacts during development.

Location: Freshwater and saltwater of Turnagain Arm; from Rabbit Creek (approx. Seward Hwy. mile 115) to Ingram Creek (Seward Hwy. mile 75); with exception of Ingram Creek, tributaries on the south side of Turnagain Arm will not be sampled to include Potter, Indian, Virgin, Kern and Peterson creeks, Tidewater Slough, Twenty Mile River, and several unnamed ponds

Species Collected: Juvenile and smolt Chinook, chum, coho, pink and sockeye salmon; Dolly Varden; eulachon, and Rainbow trout

Method of Capture: Beach seines, bongo nets, fyke nets; hook and line gear, hoop traps, minnow traps, single-pass only with a backpack electroshocker (see **permit stipulations**)

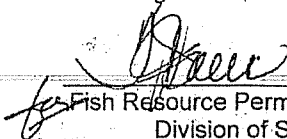
Final Disposition: No more than 500 of each of the species listed above in the "Species Collected" section may be captured, identified, enumerated, measured and then be released alive at the site of capture.

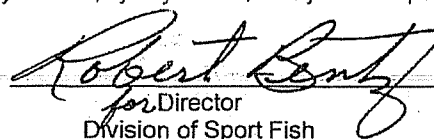
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REPORT DUE December 31, 2006. The report shall include species, numbers, dates, and locations of collection and disposition, and if applicable, sex, age, and breeding condition, and lengths and weights of fish. The report shall also include other information 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


for Director
Division of Sport Fish

6-14-06
Date

SF-2006-152 continued (page 2 of 2)

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


**Alic Boggs, Erin Cunningham, Brent Fenty, John Houghton, Andra Love,
Paul McLarnon, Becca Moore, Jim Starkes, Isaac Watkins, Dylan Watts**

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) **George Pappas** (260-2920; george_pappas@fishgame.state.ak.us) Soldotna; **Dan Bosch** (267-2153; dan_bosch@fishgame.state.ak.us) Anchorage; **Matt Miller** (267-2415, matt_miller@fishgame.state.ak.us) Anchorage, Sport Fish Division Area Management Biologists, must be notified within a few days prior to engaging in collecting activities within their management areas. These biologists have the right to specify methods for collecting, as well as limiting the collections of any species, and the number of specimens collected by time and area.
- 2) Electroshocking is currently discouraged by the department. Electroshockers **may not** be used in anadromous waters (as defined by the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes, ADF&G) or in the presence of spawning salmonids, adult trout or char. Operators of electroshocking equipment should have formal training. **Electroshockers may only be used in areas where other means of capture are not feasible.**
- 3) A valid Alaska sport fishing license must be in the possession of any individual using hook-and-line gear.
- 4) Salmon eggs used as bait in traps must be disinfected prior to use. A 10 minute soak in 1/100 Betadyne solution or some other iodophor disinfectant is adequate.
- 5) All unattended collecting gear must be labeled with the permittee's name, telephone number, and permit number and all fish collecting traps must be accounted for and removed from the water at the conclusion of sampling.
- 6) No fish may be transported from the water body where they were captured without a valid Fish Transport Permit (FTP) obtained from the Alaska Department of Fish and Game, Division of Commercial Fisheries.
- 7) *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.*
- 8) 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.
- 9) 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: Tammy Davis (465-6183; tammy_davis@fishgame.state.ak.us), 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 or a map), and by species, and the fate of those fish. Fish length, weight, sex, and age data should be included if collected. 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 in the Permit Stipulations section.

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


Signature of Permittee

cc: Matt Miller, Division of Sport Fish, Anchorage
Dan Bosch, Division of Sport Fish, Anchorage
George Pappas, Division of Sport Fish, Soldotna
Sean Palmer, Division of Commercial Fisheries, Anchorage
Jeff Fox, Division of Commercial Fisheries, Soldotna
Lee McKinley, ADNR, Office of Habitat Management and Permitting, Soldotna
Fish and Wildlife Protection, Palmer