



**STATE OF ALASKA**  
**DEPARTMENT OF FISH AND GAME**  
**Fish Resource Permit Application**  
**— Email Form —**

A **FISH RESOURCE PERMIT** is required to take, possess, hold alive, or tag FISH AND THEIR EGGS (except goldfish and decorative tropical fish) FOR SCIENTIFIC OR EDUCATIONAL PURPOSES.

(in order to use this form over again as a "blank form" first re-name and save this as a new document)

Tammy Hoem	University of Alaska, Fairbanks, School of Fisheries
<i>(Name of Applicant)</i>	<i>(Organization or School)</i>

P.O. Box 35512, Juneau, AK 99803
<i>(type in complete mailing address including City, State, and Zip Code)</i>

(907)687-4584		t.hoem@sfos.uaf.edu
<i>(your Telephone Number)</i>	<i>(Fax Number)</i>	<i>(Email Address)</i>

Kachemak Bay Research Reserve, 95 Sterling Highway, Suite 2, Homer, AK 99603
<i>(type in the name and address of the organization with which you are under contract)</i>

**I am making application to capture fish of the following species and number for the specified disposition** (example: identify and release, measure and release, genetic sample and release, tag and release, sacrifice, transport, hold alive, etc.):

<u>Species</u> <u>Common Name</u>	<u>Species</u> <u>Scientific Name</u>		<u>Life Stage</u>	<u>Number</u>	<u>Disposition*</u>
Coho Salmon	Oncorhynchus	kisutch	juvenile	180 (3 from each of 20 sites for each sampling period, n=3)	to be sacrificed for proximate composition analysis

\*For multiple sample locations give detail of species and number and disposition in your study plan

**I understand permits are only valid for dates within a calendar year; I am requesting this permit for the following period:** (a new application is required each year)

2009	6/1	7/31
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**Year:** (20\_\_ )      **From:** (month and day)      **To:** (month and day)

This is likely a one year / multi-year research project (circle one). I intend to submit a comprehensive project completion report by:

Dec	2009
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**Month (xxx)      Year (20xx)**

**I wish to obtain the above fish [finfish, shellfish, amphibians] by means of:**

Seining, fyke nets, minnow traps
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*(Specify gear type(s): minnow traps, hoop traps, fyke nets, gillnets, dip nets, spat collectors, etc.)*

**from the following location(s):**

Mouth of the Anchor River and associated tidal channels
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*(Specify location(s), i.e., X River at latitude/longitude, or ESE of Pt. Barrow, or on Kodiak Island, etc.)*

**The purpose of the activities for which a permit is being requested: (a brief purpose statement)**

The overall goal for this first year of the project is to identify study sites that can be repeatedly sampled for juvenile coho salmon over time in the Anchor. This is year one of an ongoing project that will extend over at least two years.

Specific objectives for this year are:

1. Establish salinity gradient zones in the Anchor River such that areas of low, medium and high salinity can be delineated.
2. Identify study sites representing five habitat types within salinity zones that can be accessed and sampled for juvenile fish throughout time.
3. Develop base line data on life history characteristics (length, age, condition) of coho salmon juveniles using the Anchor River delta and tidal channels

(this area and other boxes will expand as you type)

 **NOTE: A STUDY PLAN or RESEARCH PROPOSAL explaining the purpose and need, the objectives, and the procedures you will use must be included in/with this permit application:**

See attached draft operation plan:  
**JUVENILE COHO SALMON REARING AND MIGRATORY HABITATS OF THE ANCHOR RIVER ESTUARY**

(Study Plan)

**Final disposition of collected specimens\* not to be released live at the site of capture will be:**

Fish will be analyzed for energy density – their tissues will be incinerated as part of this process.

\*(specimens may not be consumed, sold, traded, or bartered, or used in any commercial manner)

**The following people will participate in field collections under terms of this requested permit:**

Coowe Walker	Steve Baird	Tammy Hoem
Michelle Gutsch	Amanda Rosenberger	Nicola Hillgruber

( completed application must be submitted to ):

**Email Address:**

Freshwater and estuarine environment collections (Division of Sport Fish):\

[Robert.Piorkowski@alaska.gov](mailto:Robert.Piorkowski@alaska.gov)

Marine environment collections (Division of Commercial Fisheries):

[frpermits@alaska.gov](mailto:frpermits@alaska.gov)

or

**Mailing Address:**

Freshwater & estuarine environment collections:

**Juneau, AK 99811-5526**

**Alaska Department of Fish and Game**

**Attn: Bob Piorkowski**

**Division of Sport Fish**

**P.O. Box 115526**

Marine environment collections and permits  
involving propagation. :

**Alaska Department of Fish and Game**  
**Division of Commercial Fisheries-Permits**  
**P.O. Box 115526**  
**Juneau, AK 99811-5526**