



STATE OF ALASKA
DEPARTMENT OF FISH AND GAME

PO Box 115526
JUNEAU, ALASKA 99811-5526

Permit No. **SF2022-196**

Expires: **10/25/2022**

AQUATIC RESOURCE PERMIT
(For Scientific/Collection Purposes)

This permit authorizes:

Olivia Magni

(whose signature is required on page 2 for permit validation)

Of

National Park Service

105 Monastery Street, Sitka, AK 99835
(907) 747-0145 Olivia.Magni@aic.edu

to conduct the following activities from **August 9, 2022** to **October 25, 2022** in accordance with AS 16.05.930, AS 16.05.340(b), and 5 AAC 41.

Purpose: To 1) estimate the proportion of wild versus hatchery origin chum and pink salmon returning to the target location, and 2) characterize spatial and temporal variability of returning wild and hatchery fish.

Location: Indian River (AWC #113-41-10190), within the Sitka National Historical Park.

Species: Chum salmon, pink salmon

Method of Capture: Hand (see **Stipulation #5**)

Final Disposition: ≤1,000 ea. of dead adult chum and pink salmon carcasses (approx. 120 individuals of each species per week, for 8 weeks) may be sampled for age (otoliths), sex, and length data. In addition, females may be cut open to determine pre-spawn mortalities (presence/absence of eggs). Otoliths will be sent to the ADF&G MTA Lab in Juneau for analysis. Carcass remains must be left where found.

≤2 individuals of each unknown species may be killed and saved for later identification.

All unintended mortalities must be recorded and returned to capture site waters.

COLLECTION REPORT DUE November 25, 2022 and RESEARCH REPORT DUE April 25, 2023; see **Stipulations #2** and **#3** for more information. Data from such reports are considered public information. Reports must be submitted by email (dfg.dsf.permitcoordinator@alaska.gov) or by mail to: Alaska Department of Fish and Game, Division of Sport Fish-HQ, PO Box 115526, Juneau, AK 99811-5526, attention: Permit Coordinator. A report is required whether or not collecting activities were undertaken.

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, bartered, or consumed. 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 detailed reports, as specified in the Stipulations section, have been received by the department.
5. UNLESS SPECIFICALLY STATED HEREIN, this permit does not authorize the exportation of specimens or the taking of specimens outside of existing regulations.

Kercia Schroeder

Permit Coordinator
Division of Sport Fish

Ther T. Taube for

Director
Division of Sport Fish

8/8/2022

Date

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

Olivia Magni, Maria Sakowski, Julia Granger, Brandon Marrow, Jessica Perkins

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) **Troy Tydingco** (907-747-5379 or 738-1911; troy.tydingco@alaska.gov) – the Sitka local Area Management Biologist (AMB), must be contacted a few days **prior** to engaging in any collecting activities for you to receive final authorization for conducting surveys. AMBs have the right to specify methods for collecting, as well as limiting the collections of any species by number, time, and location. The time/date of this contact must be included in your collections report (using the Excel "ARP data submission form" furnished by ADF&G).
- 2) **A report of collecting activities, referencing this aquatic resource permit, must be submitted within 30 days after the expiration of this permit.** This report (using the Excel "ARP data submission form" spreadsheet furnished by ADF&G) shall include species, numbers, dates, locations of collection (datum/GPS coordinates in the decimal degrees format (dd.ddddd)) and dispositions for all aquatic organisms captured, and if applicable, sex, life stage, age, lengths and weights of specimens handled. It must also include the date/time the local biologist was contacted for final authorization to carry out collecting activities.
- 3) **A report of research activities, referencing this aquatic resource permit, must be submitted within 6 months after the expiration of this permit.** This report should present the research conducted in a format similar to a scientific paper and include the following sections: introduction (objective of the study plan and hypothesis), methods, and results. The report is intended to show that the specimens were used in a scientific method, and allows for the evaluation of potential cumulative effects from multiple projects in the same area. A report is required whether or not collecting activities were undertaken.
- 4) Sampling or collecting activities must stop when the maximum number of specimens allowed under the permit are obtained. Any aquatic organisms collected in excess of the number allowed under the permit must be released immediately and unharmed at the capture location, unless otherwise specified in the permit.
- 5) Gloves, boots, and collecting gear should be cleaned and disinfected between streams to reduce the potential of pathogen transmission and the spread of invasive species. Clean all equipment free of sediment, vegetation, and seeds, and then wash/rinse in 1/100 Betadine solution or soak in 10% bleach solution for a minimum of 10 minutes. Felt or absorbent soles on waders and wading boots are prohibited.
- 6) If undocumented anadromous fish (includes new species, life stages, and/or locations) are found in permitted streams, rivers, and lakes, the permit holder will submit a nomination form to ensure that the anadromous species information is included in the database for the *Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes* (<https://www.adfg.alaska.gov/sf/SARR/AWC/>). Anadromous fish include *Oncorhynchus* spp., Arctic char, Dolly Varden, sheefish, smelts, lamprey, whitefish, and sturgeon. Please direct questions to **Joe Giefer** (907-267-2336; joe.giefer@alaska.gov).
- 7) Contact **Tammy Davis** with the ADF&G - Invasive Species Program (907-465-6183 or 1-877-INVASIV; dfg.dsfi.invasivespecies@alaska.gov), and the nearest AMB (**Stipulation #1**) within 24 hours should you find any species suspected to be a **non-native 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.
- 8) No fish may be possessed live or transported live under this permit.
- 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 securing any other required state, federal, or local permits, including securing permissions to trespass on controlled lands.
- 11) Failure to comply with the conditions of this permit will result in the loss of future permitting privileges.
- 12) **PERMIT VALIDATION** requires permittee's signature agreeing to abide by permit conditions before beginning collecting activities:

Signature of Permittee

ecc: Troy Tydingco, Division of Sport Fish, Sitka
Jake Wieliczkiwicz, Division of Sport Fish, Sitka
Aaron Dupuis, Division of Commercial Fisheries, Sitka
Kate Kanouse, Habitat Section, Juneau
Michelle Morris, Commercial Fisheries Permit Coordinator, Juneau
Major Adams, Alaska Wildlife Troopers
Captain Frenzel, Alaska Wildlife Troopers Southern Detachment