

PERMIT ALTERATION REQUEST

Page 1

**STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
PRIVATE NONPROFIT PROGRAM**

I. IDENTIFICATION OF APPLICANT

A. Applicant Information

Neil Wright		Prince William Sound
_____		Aquaculture Corporation
Applicant Name		Organization
PO Box 1110		907-424-4041
_____		_____
Address		Phone Number
Cordova	AK	99574
_____	_____	_____
City	State	Zip

B. Hatchery Information

Wally Noerenberg Hatchery	#20
_____	_____
Hatchery Name	PNP Permit Number

II. STATEMENT OF APPLICANT'S GOALS AND OBJECTIVES

- A. Describe the nature of the requested alteration, why you have decided to request it, and what you generally expect to accomplish by the expansion of your program, including answers to the following questions. Will the proposed project affect wild salmon stocks or existing fisheries? How will a significant contribution to common property fisheries be made? How will potential effects and interactions between introduced or enhanced stocks and wild stocks be assessed? What marking and recovery studies are being proposed that will allow the project to be evaluated? What are the potential benefits to fisheries or wild stocks from the proposed project? Has this project been discussed with the department's area or regional management biologists? (Attach additional pages as necessary.)

PWSAC is requesting an increase in the number of Power Creek / Ibeck Creek coho salmon eggs that can be taken from currently permitted 135,000 eggs to a total of 250,000 eggs to be incubated at WNH.

PWSAC has been able to successfully complete coho eggtakes at Power Creek in 2022 and 2023. The spawning area is located in an easily accessible area near road access that allows for the transport of staff, equipment and eggs to be most efficient. PWSAC will work closely with the department for final determination on the appropriate stock available once run strength is evaluated. Beginning in 2025 the coho returning to Fleming Spit will be Power

Creek stock. Egg collection could occur at Fleming Spit or Power Creek. Approximately 72 females and 72 males coho salmon will be collected to meet this goal.

Standard egg-take procedures will be used with eggs transported in plastic zip-lock bags and milt transported in plastic bags injected with oxygen. The gametes will be placed inside coolers and transported by aircraft to WNH. The eggs will be fertilized and then water-hardened in 100ppm iodophor solution for one hour and rinsed with freshwater.

Standard BKD control measures will be used and coho stocks will not be mixed at WNH. Otolith marking can be used to track these fish. PWSAC has submitted both kidney and ovarian samples to ADFG pathology in 2022 and 2023 to establish disease history for the Power Creek stock.

The Fleming Spit program has been permitted to release up to 100,000 smolts. PWSAC suggest that 250,000 eggs be taken so that up to 200,000 smolts or resultant progeny can be released.

This is not a request to increase the total coho egg capacity, only a request to allow for the higher egg take of the permitted Copper River Delta stock. There will be no change in the overall permitted capacity of coho salmon at WNH.

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Continued-page 3

IV. HATCHERY DESIGN

- A. Please provide a detailed description of new facilities needed with this alteration (e.g., buildings, incubators, rearing space, piping, etc.). This description should represent a solid concept of the proposed hatchery changes/expansion. Drawings showing the layout of new structures should be attached when appropriate.

None

V. DECLARATION AND SIGNATURE

I declare that the information given in this application is, to my knowledge, true, correct, and complete.

Neil Wright
Name of Applicant

2/15/2024
Date Signed


Signature of Applicant