

**PERMIT ALTERATION REQUEST**

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

**I. IDENTIFICATION OF APPLICANT**

**A. Applicant Information**

<u>Dean Day</u>		<u>Cook Inlet Aquaculture Association</u>
Applicant Name		Organization
<u>40610 Kalifornsky Beach Rd.</u>		<u>907-283-5761</u>
Address		Phone Number
<u>Kenai</u>	<u>AK</u>	<u>99611</u>
City	State	Zip

**B. Hatchery Information**

<u>Trail Lakes Hatchery</u>	<u>27</u>
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.)

-Harvest method/gear update to section 8.5.2 Special Harvest Management, Management Plan. In addition to "commercial seiners", add method of "Targeted drift gill net" for all SHA's:  
- Chenik Lake SHA (contingent only upon resumption of stocking activities and subsequent adult return resulting from this stocking),  
- China Poot and Hazel Lake SHA,  
- Bruin Lake SHA (contingent only upon resumption of stocking activities and subsequent adult returns resulting from this stocking):  
- Kirschner Lake SHA,  
- Tutka Bay SHA.

Lower Cook Inlet SHAs cost recovery harvests are negatively impacted by extreme tidal influences that limit available capture times with commercial seine gear. This results in a limited catch of returning sockeye for cost recovery.

The addition of adding "drift net gear" will allow for the targeted Commercial Drift gill net to be used for Cost Recovery harvest.

#### Benefits

- Targeted commercial drift gill net will increase opportunities for the commercial drift gill net fleet to participate in the lower cook inlet.

- Targeted fishing will minimize interception of wild stocks.

- Targeted fishing will increase Cost Recovery harvest for Cook Inlet Aquaculture.

- Harvest efficiencies within an SHA can accelerate the switch from cost recovery harvest to common property harvest through active management with the AMB.

This project has been discussed at the Regional Planning Team meeting where it was recommended for the PAR to be submitted for further discussion at the next RPT.

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**III. IMPACTS ON EXISTING HATCHERY PROGRAM**

**A. Present Permitted Capacity**  
(numbers of green eggs by species)

Pink	<u>0</u>	Coho	<u>6,000,000</u>
Chum	<u>0</u>	Chinook	<u>4,000,000</u>
Sockeye	<u>30,000,000</u>	Other N/A	<u></u>

**B. Capacity After Request**  
(numbers of green eggs by species)

Pink	<u>No change requested</u>	Coho	<u>No change requested</u>
Chum	<u>No change requested</u>	Chinook	<u>No change requested</u>
Sockeye	<u>No change requested</u>	Other N/A	<u>N/A</u>

**C. Water Use**

**1. List the total amount of water available and the source.**

Process water pumped from underground wells.  
Requested PAR does not impact water availability or use

**2. List the amount of water presently being used.**

Average use is 1390 GPM, maximum use is 2400 GPM.  
Requested PAR does not impact water availability or use.

**3. List the additional amount of water needed for this alteration.**

No additional water use required

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**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.

No change in hatchery design required

**V. DECLARATION AND SIGNATURE**

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

Dean Day  
Name of Applicant

02/15/2024  
Date Signed

Dean Day  
Signature of Applicant