

PERMIT ALTERATION REQUEST FORM

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

This form is to be used by a PNP hatchery permit holder to request an alteration to their PNP permit. Requests must be received on this form by the PNP Hatchery Program Coordinator no later than February 15 of the calendar year that the proposed alteration is to occur. The commissioner will, in his or her discretion, extend the deadline on a case-by-case basis, if the request is justified by extraordinary circumstances or emergency. The regional planning team may review and make a recommendation to the commissioner on this request. The commissioner will, in his or her discretion, consider past management practices and fish culture procedures associated with the request, the past performance of the hatchery, the recommendation of the regional planning team, and any additional information deemed necessary. Issuance of a Notice of Permit Alteration (NPA) by the department modifies the hatchery permit. Refer to 5 AAC 40.850.

GENERAL INSTRUCTIONS

1. Fill in the blanks on the form provided (grey boxes will expand as you type).
2. Where necessary to fully answer a particular question, attach additional pages marked with the corresponding appendix number in the application.
3. Applications **must** be typed.
4. Applications **must** be signed by a legally authorized representative of the applicant.
5. The application should be forwarded to the following address:

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES
P.O. BOX 115526
JUNEAU, AK 99811-5526

ATTENTION:
PNP HATCHERY PROGRAM COORDINATOR

6. Requests for assistance in preparation of the application or related activities should be directed to the PNP Hatchery Program Coordinator. Such requests will be honored to the extent available staff time and funds permit.

PERMIT ALTERATION REQUEST FORM

What marking and recovery studies are being proposed that will allow the project to be evaluated?

All Hatchery-origin adults returning to the system will be identified through lack of an adipose fin. Verification through otolith marks will determine both age and origin. This monitoring and analytical framework will be maintained throughout the duration of the project.

Has this project been discussed with department area or regional management biologists or other staff?

Yes. From local biologists to regional managers and the Commissioner, all are aware of the weakened state of Chinook Salmon in the Karluk River and the necessity for intervention.

III. IMPACTS ON THE EXISTING HATCHERY PROGRAM

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

Pink	_____	Coho	500,000
Chum	_____	Chinook	80 pairs (450,000 eggs)
Sockeye	20,000,000	Other	Rainbow Trout - 200,000

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

Pink	_____	Coho	500,000
Chum	_____	Chinook	450,000
Sockeye	20,000,000	Other	Rainbow Trout - 200,000

C. Water Use

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

Total: 1482 gpm/3.3cfs at Pillar Creek Hatchery: 799gpm/1.78cfs from reservoir pipeline + 683 gpm/1.52cfs from wells (2) 600+gpm/1.34+cfs from Monashka reservoir; maximum potential flow has not been quantified

2. List the amount of water presently being used.

Range of 580gpm/1.29cfs to 1475gpm/3.22cfs at Pillar Creek Hatchery
Range of 0gpm/0cfs to 590gpm/1.31cfs at the Monashka satellite rearing/brood holding complex

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

Incubation and early startup will require an additional 12gpm/0.03cfs to 30gpm/0.07cfs from August - April/May. Fry rearing at PCH will require no additional water as the fry will be transferred to existing raceways alongside fry for Road System stocking. Proposals are in place to install up to two new raceways at the Monashka rearing facility to accommodate the maximum expected smolt rearing. This would increase demand from May - April by approximately 180gpm/0.40cfs to 600gpm/1.34cfs

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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.

Two additional stacks of water tray Heath/Marisource-style vertical incubators will be required to accommodate incubation for the full scope of this alteration. These incubators will allow for single family pathogen tracking and will be installed adjacent to existing stacks. Three existing, unused, 250 gallon round tanks will be installed to provide ponding and early rearing space. Proposals are in place for up to two new 50'x8'x4' raceways to be installed at the Monashka satellite rearing/brood holding site. These would provide the rearing space needed for the full realization of this alteration.

V. **DECLARATION AND SIGNATURE**

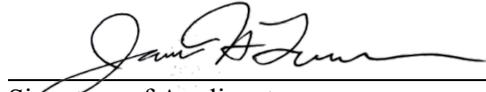
I declare that the information given in this application is, to my knowledge, true, correct, and complete.

James H Turman

Name of Applicant

2/13/26

Date Signed



Signature of Applicant