

Increase of 4 million fall chum salmon green eggs for release at Burnett Inlet.

PERMIT ALTERATION REQUEST

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

Received ADF&G
2/13/2019

I. IDENTIFICATION OF APPLICANT

A. Applicant Information

Bill Gass	SSRAA
Applicant Name	Organization
14 Borch st	
Address	Phone Number
Ketchikan	99901
City	State
	AK
	Zip

B. Hatchery Information

Burnett Inlet	40
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.)

In 2013 SSRAA received a PAR allowing for the Burnett Inlet Hatchery Permit that allowed collection and release of the progeny of 6,000,000 fall chum eggs (Disappearance Creek Stock) for the purpose of establishing an alternate broodstock site for the program that began at Neets Bay in the 1980's. The fall of 2018 marked the completion of the first broodyear and a significant egg-take occurred at BIH but the total fell short of the goal. Since 2013 the difficulties at Neets Bay have continued and increased to the point that the long term viability of NBH as a primary brood site are in question. Because of these facts SSRAA is seeking to increase the release of fall chum at BIH with the intention of BIH becoming the primary broodstock site for the program.

The three years of returns to Burnett have shown a considerable contribution to the District 6

Gillnet fishery and this increase will continue that trend. There are no naturally occurring fall chum runs in the area except the ancestral site in Chomendley Sound approximately 100 kilometers to the Southeast. All fish released will be thermal marked and evaluated through the SSRAA otolith lab for survival and contribution. The primary benefit of this action will be the increased likelihood of common property openings in Neets Bay in the fall where the current fall chum release will continue as well as the harvest in District 106 referenced above. This proposal has been discussed with the AMB. [Click here and type text](#)

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III. IMPACTS ON EXISTING HATCHERY PROGRAM

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

Pink	_____	Coho	_____ 2Mfall & 2.5M summer
Chum	_____ 78M summer & 6M fall	Chinook	_____
Sockeye	_____ 2.7M	Other	_____

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

Pink	_____	Coho	_____ 2M fall & 2.5M summer
Chum	_____ 78M summer & 10M fall	Chinook	_____
Sockeye	_____ 2.7M	Other	_____

C. Water Use

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

12 cfs from Burnett Lake	Click here and type text
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2. List the amount of water presently being used.

10 cfs	Click here and type text
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3. List the additional amount of water needed for this alteration.

.5 cfs	Click here and type text
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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 new infrastructure required.	Click here and type text
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V. DECLARATION AND SIGNATURE

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

Bill Gass
Name of Applicant

2/17/2019
Date Signed


Signature of Applicant