

PERMIT ALTERATION REQUEST

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Rcvd 2/14/2019

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

I. IDENTIFICATION OF APPLICANT

A. Applicant Information

<u>Scott Wagner</u> Applicant Name	<u>NSRAA</u> Organization
<u>1308 Sawmill Creek Rd</u> Address	<u>907 747-6850</u> Phone Number
<u>Sitka</u> <u>AK</u> City State	<u>99835</u> Zip

B. Hatchery Information

<u>Hidden Falls Hatchery</u> Hatchery Name	<u>#28</u> PNP Permit Number
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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.)

NSRAA is requesting to add SE Cove as a chinook release site to the HFH BMP. NSRAA is proposing to release up to 700k chinook salmon at a remote release site located in the SE Cove SHA (see attached chart). Smolts would be transported from HFH to netpens in SE Cove in May of each year. Smolts would then be fed and held 2-3 weeks for imprinting prior to release. This project is intended to provide an alternate release site for HFH Andrew Creek chinook stock in production during a transition to and development of the Keta Chinook brood stock from Little Port Walter. HFH received an NPA for the Keta stock in 2018.

Will the proposed project affect wild salmon stocks or existing fisheries?

Nearest wild chinook production is in Farragut Bay which is approximately 45 water miles distant.

How will a significant contribution to common property fisheries be made?

Returning fish will be harvested in existing commercial and cost recovery fisheries for chum salmon.

How will potential effects and interactions between introduced or enhanced stocks and wild stocks be assessed?

Minimal interaction with wild stocks of chinook salmon is anticipated.

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

Chinook released at GCH will be CWT at the same rate as the rest of NSRAA's chinook production.

What are the potential benefits to fisheries or wild stocks from the proposed project?

Will provide additional annual return of up to 14,000 per year using an assumed 2% marine survival. Commercial troll catch of 25% of the return would be typical with the remainder being available for local sport harvest, commercial seine and cost recovery.

Has this project been discussed with the department's area or regional management biologists?

This project was discussed at the fall 2018 RPT meeting.

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III. IMPACTS ON EXISTING HATCHERY PROGRAM

A. Present Permitted Capacity

(numbers of green eggs by species)

Pink	_____	Coho	7.7 million + 1 million non-NSRAA
Chum	101 million (HF) + 24 million (MCIF) + 55 million non-NSRAA	Chinook	3.8 million
Sockeye	_____	Other	_____

B. Capacity After Request

(numbers of green eggs by species)

Pink	_____	Coho	No Change
Chum	No Change	Chinook	No Change
Sockeye	_____	Other	_____

C. Water Use

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

Approximately 40 cfs is available (based on water rights, far more water is available in the watershed) from Hidden Falls Lake. Water can be taken from one of two inlet pipes in the lake (A-line upper water column or B-line lower water column). A portion of the intake water is run through the hydro plant and re-used for incubation and rearing. Intake water can bypass the hydro plant for multiple production uses.

2. List the amount of water presently being used.

Approximately 40 cfs is used at peak demand.

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

No additional water needed.

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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 additional incubation or rearing space is needed as there is adequate space in the existing infrastructure.

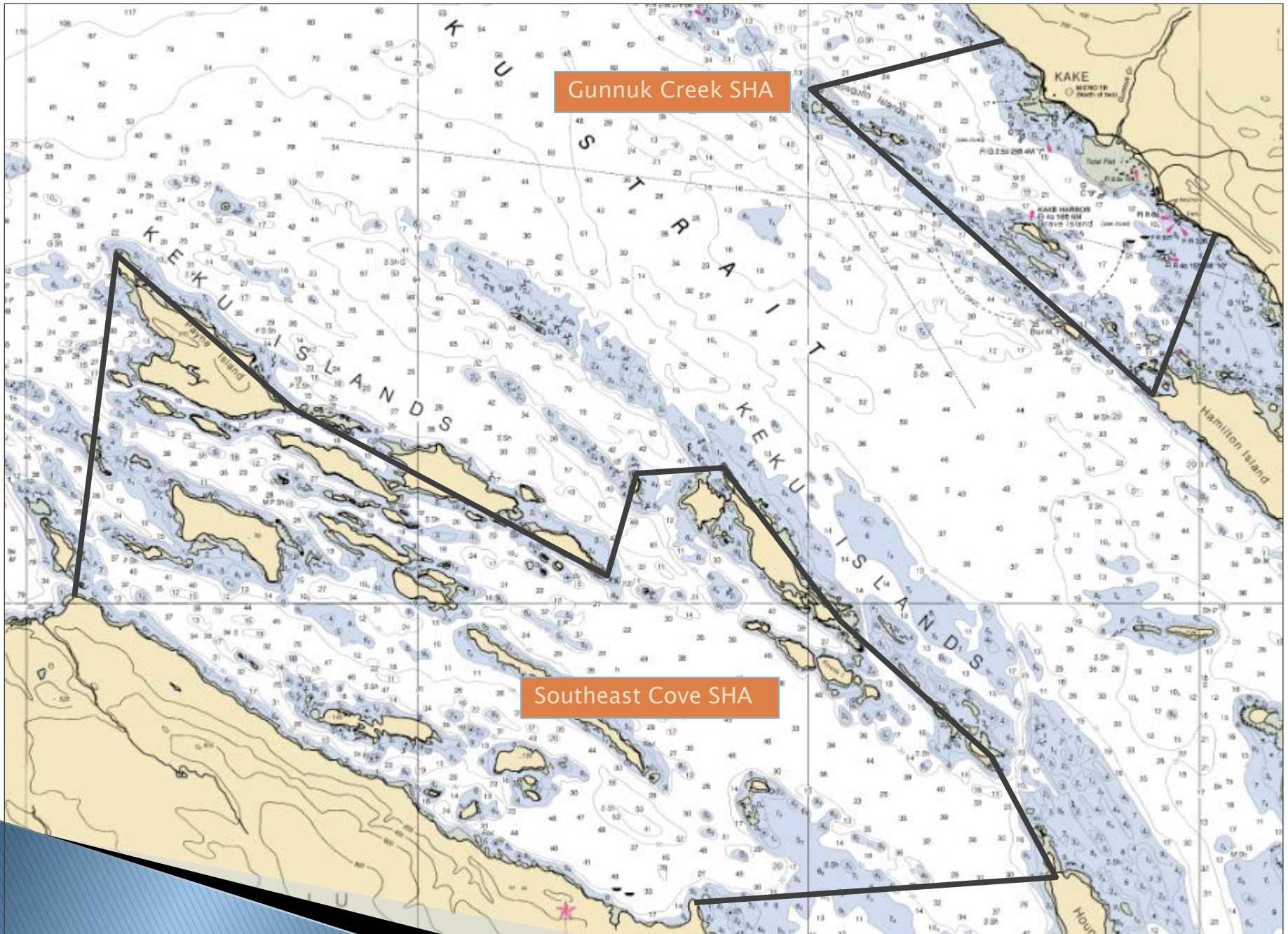
V. DECLARATION AND SIGNATURE

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

Scott Wagner
Name of Applicant

2/14/19
Date Signed

Scott Wagner
Signature of Applicant



Gunnuk Creek SHA

Southeast Cove SHA