

Agency: Commerce, Community and Economic Development**Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Northern Southeast Regional Aquaculture Assoc.****Federal Tax ID: 92-0062550****Project Title:****Project Type: Maintenance and Repairs**

Northern Southeast Regional Aquaculture - Medvejie Hatchery Maintenance & Facility Improvements

State Funding Requested: \$965,500
One-Time Need**House District: Southeast Region (1-5)****Brief Project Description:**

Maintenance, upgrades, and roof and insulation replacement for the Medvejie Hatchery.

Funding Plan:

Total Project Cost:	\$965,500
Funding Already Secured:	(\$0)
FY2013 State Funding Request:	<u>(\$965,500)</u>
Project Deficit:	\$0

*Funding Details:**Loans from the State of Alaska were used for initial construction and those loans were paid in full over a decade ago.***Detailed Project Description and Justification:**

Medvejie Hatchery, located near Sitka, is one of the the most successful chinook, chum, and coho salmon hatcheries in the state and contributes greatly to the local Sitka economy and the sport/charter and commercial fishing fleet throughout southeast Alaska. Medvejie was originally constructed in the early 1980s after the initial organization of the Regional Aquaculture Associations using state loan monies. In the intervening three decades, the initially constructed buildings and infrastructure have aged and are currently in need of significant repairs. In addition Medvejie has dramatically increased production since initial construction and site development. These renovations and repairs will maintain the facilities salmon enhancement production in the decades to come. Annually 75 million chum, 3 million Chinook and 350 thousand coho are produced at the facility.

State funding would support the following projects:

Renovate/Insulate Original Coho Building:

Replacement of the failing un-insulated roof and siding with insulated roof and siding panels. In addition, installation of energy efficient windows and doors throughout the building that would dramatically reduce electrical demands and energy costs associated with heating attached office, lab and lavatory facilities.

Renovate/Insulate Original Chum Building:

Replacement of the failing roof and siding with insulated siding panels. Replacement of deteriorated and inefficient lighting and heating elements to reduce electrical demand and operating expenses.

**\$900,000
Approved**

Replace Living Quarters:

Medvejie must have on-site housing as it is necessary to accommodate personnel required for 24/7 stand-by duties. Currently one of the existing living quarters is a trailer/mobile home with an added-on roof and living room. The nearly 30-year-old trailer would be replaced with a modern, energy-efficient construction.

Expand Warehouse for Additional Feed/Net Storage:

There is a lack of sufficient storage space for nets and feed at the site. Secure dry storage would be installed to protect the nets and feed from the elements and wildlife. This expanded storage space would replace aging container vans currently being used.

Repair Failing Water Supply:

This project would repair the facilities "pit" water supply. This supply was created during initial construction and the flow has diminished over the years due to the influx of organic loads into the open pit. An underground infiltration gallery would be installed and connected to the existing hatchery supply pipe.

Re-Line Deteriorating Concrete Raceways:

Medvejie operates 17 cement raceways. The main hatchery supply reservoir is a cement structure. Over the years the acidic water has deteriorated the exposed surfaces and they need to be properly sealed to prevent irreversible decay.

Project Timeline:

FY13: Initial survey, design and planning for all projects. Initial renovation and construction would begin in spring.

FY14: Continuation of renovation and construction projects. Depending on progress and availability of contractors, renovation and housing construction should be completed.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

NSRAA

Grant Recipient Contact Information:

Name: Steve Reifensstuhl
 Title: General Manager
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 Sitka, Alaska 99835
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Has this project been through a public review process at the local level and is it a community priority? Yes No

Legislative Funding Proposal FY'13

Northern Southeast Regional Aquaculture Association (NSRAA) Medvejie Hatchery Deferred Maintenance & Energy Efficiency



Medvejie Hatchery, Baranoff Island

Total Request: \$965,500

Medvejie Hatchery Capital Improvements

Project Category: Deferred Hatchery Maintenance

Federal Tax Identification Number: 92-0062550

Project Area: Salmon Enhancement

Grant Administrator : Steve Reifenhohl, General Manager, Northern Southeast Regional Aquaculture Association (NSRAA), 1308 SMC Rd., Sitka, AK, 99835
email: steve_Reifenhohl@nsraa.org 907-747-6850.

Principal Investigator: Scott Wagner, Operations Manager, NSRAA, 1308 SMC Rd., Sitka, AK 99835 email: scott_wagner@nsraa.org 907-747-6850

Lead Organization/Agency: NSRAA

Cooperating Organization: No cooperating organizations.

Duration: July 1, 2012 to June 31, 2014

Project Cost: Estimated project cost/request for funding is **\$965,500**.

Project	Cost
Renovate/Insulate Original Coho Building	\$225,000
Renovate/Insulate Original Chum Building	\$164,000
Additional Housing	\$325,000
Expand Warehouse	\$ 80,000
Repair Failing Water Supply	\$105,000
Re-Line Deteriorating Concrete Raceways	<u>\$ 66,500</u>
Total	\$965,500

Geographic Area: Medvejie Hatchery, Baranoff Island

ABSTRACT: Medvejie Hatchery is one of the the most successful Chinook, chum and coho salmon hatcheries in the state and contributes greatly to the local Sitka economy and the sport/charter and commercial fishing fleet throughout southeast Alaska. Medvejie was originally constructed in the early 1980's after the initial organization of the Regional Aquaculture Associations using state loan monies. In the intervening three decades the initially constructed buildings and infrastructure have aged and are currently in need of significant repairs. In addition Medvejie has dramatically increased production since initial construction and site development. These renovations and repairs will maintain the facilities salmon enhancement production in the decades to come. Annually 75 million chum, 3 million Chinook and 350 thousand coho are produced at the facility.

The grant request would cover the following projects:

Renovate/Insulate Original Coho Building:

This project would replace a failing un-insulated roof and siding with insulated roof and siding panels. In addition energy efficient windows and doors throughout the building would dramatically reduce electrical demands and energy costs associated with heating attached office, lab and lavatory facilities.



Coho Incubation-Rearing Building

Renovate/Insulate Original Chum Building:

As with previous project this would replace a failing roof and siding with insulated siding panels. Deteriorated and inefficient lighting and heating elements would also be replaced. Once again the goal would be to reduce electrical demand and operating expenses.



Staff Housing, Converted Trailer

Replace Living Quarters:

Currently one of the existing living quarters is a trailer/mobile home with an added on roof and living room. The trailer is nearly 30 years old and needs to be replaced with modern energy

efficient construction. Medvejie must have on-site housing as it is necessary to accommodate personnel required for 24/7 stand-by duties.

Expand Warehouse for Additional Feed/Net Storage:

There is a lack of sufficient storage space for nets and feed at the site. Secure dry storage is needed to protect the nets and feed from the elements and bears. This expanded storage space would replace aging container vans currently being used.



Medvejie "Pit" Intake

Repair Failing Water Supply:

This project would repair the facilities "pit" water supply. This supply was created during initial construction and the flow has diminished over the years. This has been mainly due to influx of organic loads into the open pit design. An underground infiltration gallery would be installed and connected to the existing hatchery supply pipe.

Re-Line Deteriorating Concrete Raceways:

Medvejie operates 17 cement raceways. In addition the main hatchery supply reservoir is a cement structure. Over the years the acidic water of southeast Alaska has deteriorated the exposed surfaces and they need to be properly sealed to prevent irreversible decay.

Project Timeline

FY13: Initial survey, design and planning for all projects will occur in FY13. Initial renovation and construction would begin in spring of FY13.

FY14: Continuation of renovation and construction projects. Depending on progress and availability of contractors renovation and housing construction should be complete in FY14.