

# Project Title: Yakutat Regional Aquaculture Association, Inc. - Yakutat Incubation Facility & Production Development

**TPS Number:** 62301

**Priority:** 1

**Agency:** Commerce, Community and Economic Development  
Grants to Named Recipient (AS 37.05.316)

**Federal Tax ID:** 25-5373505

**Grant Recipient:** Yakutat Regional Aquaculture Association, Inc.

**FY2015 State Funding Request:** \$1,500,000

One-Time Need

## Brief Project Description:

Yakutat Regional Aquaculture Association's (YRAA) transition from planning to project implementation with an incubation facility (for up to 20 million eggs), fish culture equipment, thermal marking, broodstock and saltwater rearing equipment for a chum and/or pink project in the Yakutat region.

## Funding Plan:

Total Project Cost:	\$1,600,000
Funding Already Secured:	(\$100,000)
FY2015 State Funding Request:	<u>(\$1,500,000)</u>
Project Deficit:	\$0

## Explanation of Other Funds:

Received a FY2014 State Funding Request for \$100,000 for Comprehensive Salmon Plan Update, Planning, Data Gathering and Office Set Up.

Received an appropriation from the City and Borough of Yakutat for \$200,000.

A vote for a salmon enhancement tax of 2% passed and funds started being collected May 1, 2013 and will be appropriated to YRAA this legislative session. It is expected that those funds will be used for operational expenses.

## Detailed Project Description and Justification:

The Yakutat Regional Aquaculture Association (YRAA) is still investigating the best location for this facility based on water resource needs to raise fish. So whether the land needs to be purchased or leased is still to be determined. We have split the funding request into several major categories.

### Site Development & Hatchery Facility:

Site Development	\$ 70,000
Hatchery Facility	\$ 500,000

This is an estimate for site development and a hatchery incubation and rearing facility for up to 20 million eggs in the community of Yakutat for a bare bones, basic facility or modification of an existing building to be converted. Estimates of either route were similar.

Water Supply and Drain Systems	\$ 75,000
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This component of funds is necessary in all scenarios of project development to provide intakes to hillside spring, piping and installation, tank, valves, fittings and drain system to saltwater to provide the water source and flow necessary for the incubation and rearing of up to 20 million eggs.

### Fish Culture Equipment:

Incubators	\$ 175,000
Alum raceway	\$ 12,000
Distribution piping, gas stabilization equip.	\$ 4,000

Installation \$ 19,000

The Fish culture equipment provides the raceway, incubators and installation to provide for up to 20 million eggs.

Process Water Tempering System (Thermal Marking) \$ 50,000

The department of Fish and Game has already stated in the management feasibility analysis prepared for YRAA that all chums and pinks will need to be thermally otolith marked. This equipment is necessary to provide for that marking.

Saltwater Rearing (Wavemaster pens, nets & anchoring systems) \$ 110,000

Wavemaster steel net pens are the standard in the industry at this time and have an anticipated service life of 30 to 50 years. Adequate anchoring and mooring systems of the net pens are essential to protect the investment of the net pens.

Mobilization & Support Saltwater Rearing (Feed barge & skiff) \$ 75,000

This is additional support components necessary for the remote release rearing of fry. A small mobile barge with a fully enclosed storage building is necessary for storing the feed at the net pen location. It is not feasible to move the feed necessary on a daily basis. The skiff is necessary to move the barge into location, provide transportation to and from the location to the technicians that are feeding the fish.

Broodstock (DIPAC Chum eggs -- 4 years)\$360,000

This is the estimated cost YRAA would need to pay DIPAC for chum broodstock for 4 years as to develop a broodstock in the Yakutat area. The department has acknowledged in the MFA (management feasibility analysis that there is not a source within the Yakutat planning region for chums. DIPAC's production committee has provided a recommend that they would be willing to work with YRAA under several conditions, including a letter from ADF&G that would allow the use of DIPAC eggs in the Yakutat area and a hatchery permit and facility necessary for a self-sustaining program. This grant would greatly facilitate the components necessary to meet DIPAC's conditions for broodstock.

Support Facilities (Lab, office etc.)\$150,000

The lab would allow for reading of otoliths, research and other incubation and rearing needs necessary for a hatchery facility.

**Project Timeline:**

We expect the funds will be spent over the time period of 2015-2019. Some of the equipment necessary can take up to a year for delivery after ordering such as incubators. Permitting is not completed but application is being worked on.

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

Yakutat Regional Aquaculture Association, Inc.

**Grant Recipient Contact Information:**

**Name:** Kathy Hansen or Larry Bemis  
**Address:** 9369 North Douglas Hwy  
Juneau, AK 99801  
**Phone Number:** (907)586-6652  
**Email:** YakutatRAA@gmail.com

**This project has been through a public review process at the local level and it is a community priority.**

**CITY & BOROUGH OF YAKUTAT, ALASKA**

**RESOLUTION 12-198**

**A RESOLUTION OF THE CITY AND BOROUGH OF YAKUTAT ASSEMBLY  
SUPPORTIING THE YAKUTAT REGIONAL AQUACULTURE ASSOCIATION, INC.  
EFFORT TO IMPROVE AND ENHANCE THE YAKUTAT REGION'S SALMON AND  
PROVIDE ECONOMIC BENEFITS TO THE COMMUNITY OF YAKUTAT**

**WHEREAS**, Yakutat Regional Aquaculture Association, Inc. (YRAA) has met the State of Alaska statutory requirements and been recognized by the Commissioner of Fish and Game as an aquaculture association in the Yakutat area for salmon enhancement and rehabilitation purposes in accordance with the provisions of AS 16.10.375-470; and

**WHEREAS**, the Commissioners recognition of YRAA entails the formation of the Yakutat Regional Planning Team (RPT) consisting of three members from YRAA and three members from the Department of Fish and Game appointed by the Commissioner to work together for planning and implementing projects in the Yakutat area; and

**WHEREAS**, Yakutat is facing the real possibility of the Hubbard Glacier causing a washout of the Situk River system which could devastate the historical local fishery; and


**WHEREAS**, enhancement has been shown to be beneficial in Southeast Alaska and Prince William Sound in economic benefits to the commercial fishermen, community benefits in increased jobs in fishing, processing and hatchery operations; and

**WHEREAS**, YRAA has a long-term goal of providing enhancement opportunities in order to provide a sufficient livelihood (\$50K - \$100K per permit) that locals can remain in Yakutat without moving or fishing in other regions;


**NOW THEREFORE BE IT RESOLVED:** that the City and Borough of Yakutat supports enhancement of the Yakutat region by the Yakutat Regional Aquaculture Association, Inc.

**FURTHER RESOLVED,** the City & Borough of Yakutat Mayor and City staff will cooperatively work with the Yakutat Regional Aquaculture Association, Inc. to pursue and accomplish these goals.

**PASSED AND APPROVED** by a duly constituted quorum of the Borough Assembly this 1 day of November, 2012

  
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Cindy Bremner, Mayor

ATTEST:

  
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Cathy Bremner, City Clerk

