

FACT SHEET

ROSE CANYON FISHERIES SUSTAINABLE AQUACULTURE PROJECT

THE PROJECT

A commercial-scale, environmentally sustainable aquaculture project

- ❖ Designed to assess and demonstrate both economic and environmental sustainability
- ❖ Will scale up to 5,000 metric tons (5 million kilograms, or 11 million pounds) a year

Sited to meet multiple requirements and avoid conflicting uses

- ❖ In deep, clean, temperate water with good current and sandy bottom
- ❖ Outside coastal zone with potential conflicting uses
- ❖ Not in conflict with other offshore activities (fishing, shipping, military)
- ❖ Natural habitat for target species (see THE PRODUCT below)

THE PRODUCT

Vertically integrated culture model, with quality control from eggs to market size

- ❖ Common species in California waters, spawning and rearing parameters known
 - ❖ Yellowtail Jack
 - ❖ White Seabass
 - ❖ Striped Bass
- ❖ Year-round production and harvest maximizes commercial viability
- ❖ Help revitalize and work in harmony with commercial fishing operations

THE NEED

Increase safe, secure, domestic supply of healthy seafood

- ❖ 91% of seafood consumed in the U.S. is imported
- ❖ Seafood imports total \$14 billion annually
- ❖ Seafood is the largest food-item contributing to the trade deficit, with wine and wine products second
- ❖ The U.S. cultures 2.5% of its total seafood consumption
- ❖ 50% of all seafood consumed in the world is farmed

ROSE CANYON FISHERIES

An innovative collaboration between Hubbs-SeaWorld Research Institute and Cuna del Mar

HUBBS-SEAWORLD RESEARCH INSTITUTE

- ❖ 50 years' experience in marine research (30+ years in aquaculture)
- ❖ The only California entity with net pen experience and success

CUNA DEL MAR

- ❖ Private equity fund dedicated to developing sustainable aquaculture
- ❖ Funding five aquaculture related companies in the U.S. and abroad



REGULATORY REVIEW BY

*National Environmental Policy Act Certification
Army Corps of Engineers*

- ❖ Rivers and Harbors Act, Section 10, 33 USC 403 navigable waters permit

Environmental Protection Agency

- ❖ National Pollutant Discharge Elimination System permit

California Department of Fish & Wildlife

- ❖ Aquaculture registration and oversight

California Coastal Commission

- ❖ Consistency with the Coastal Act review

National Oceanic and Atmospheric Administration

- ❖ Protected Resources (endangered species, marine mammals and essential fish habitats) review

U.S. Coast Guard

- ❖ Aids to Navigation Permit

