

SPECIFIC LOCATION

ROSE CANYON FISHERIES SUSTAINABLE AQUACULTURE PROJECT

Southern California most promising area in the nation for aquaculture

- ❖ Mild climate allows year-round production
- ❖ Favorable water temperatures vary little – between 12°C and 22°C (54°F and 72°F)
- ❖ Sheltered from extreme weather – waves rarely exceed seven meters (23 feet)
- ❖ Excellent variety of native and established species with high market value

Close to existing seafood industry infrastructure

- ❖ Revitalize existing commercial fishing infrastructure
- ❖ Existing seafood processing, distribution and transportation centers
- ❖ Access to multiple, major market centers (local, regional and global)
- ❖ Established market demand for high-quality products

Proposed site meets multiple requirements and avoids potential conflicts

- ❖ In federal (exclusive economic zone) waters more than three miles offshore

- ♦ Distant enough to be virtually invisible from land

- ♦ Outside coastal zone to avoid conflicts with near-shore uses

- ❖ Sandy bottom; no risk of disturbing kelp and/or hard-bottom habitats

- ❖ Not in U.S. Navy or commercial shipping lanes

- ❖ Not in existing commercial fishing area

- ❖ Not in marine protected area

- ❖ Deep water (average 300-foot depth) with optimal currents

Close to scientific partner

- ❖ Hubbs-SeaWorld Research Institute (HSWRI) headquarters in San Diego

- ♦ Team to provide project assistance as needed

- ♦ Scientific staff to provide environmental monitoring, related expertise

- ❖ 4.5 miles offshore from San Diego

- ♦ Travel time from shore to site estimated at less than 30 minutes

