

The Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1)

Consideration of 8 projects under
the Ocean Protection Council's first solicitation
June 29, 2016



Introduction to Proposition 1

- **The Water Quality, Supply, and Infrastructure Improvement Act of 2014**
- **Overall authorizes \$7.5 billion in bonds**
- **Prop 1 Chapter 6, “Protecting Rivers, Lakes, Streams, Coastal Waters, and Watersheds”**
 - **\$30 million to OPC**
 - **\$9.3 million of the \$30 million appropriated in FY15-16**

Timeline

May 2015

Draft grant guidelines released

June

3 public workshops : Eureka, Sac, LA; public comment on grant guidelines

August

Revised grant guidelines released

September 22

Council adopts grant guidelines

Oct

Call for Letters of Intent

Dec/Jan

38 Letters of Intent screened & scored; 19 invited back

Feb

17 full proposals received, staff screened

March

Review committee meets to score

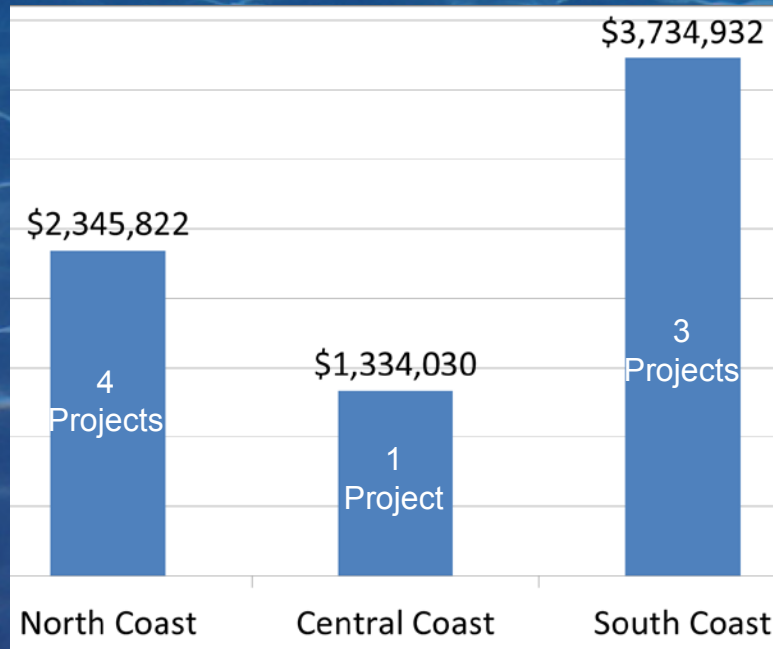
April/May

Site visits for 8 projects

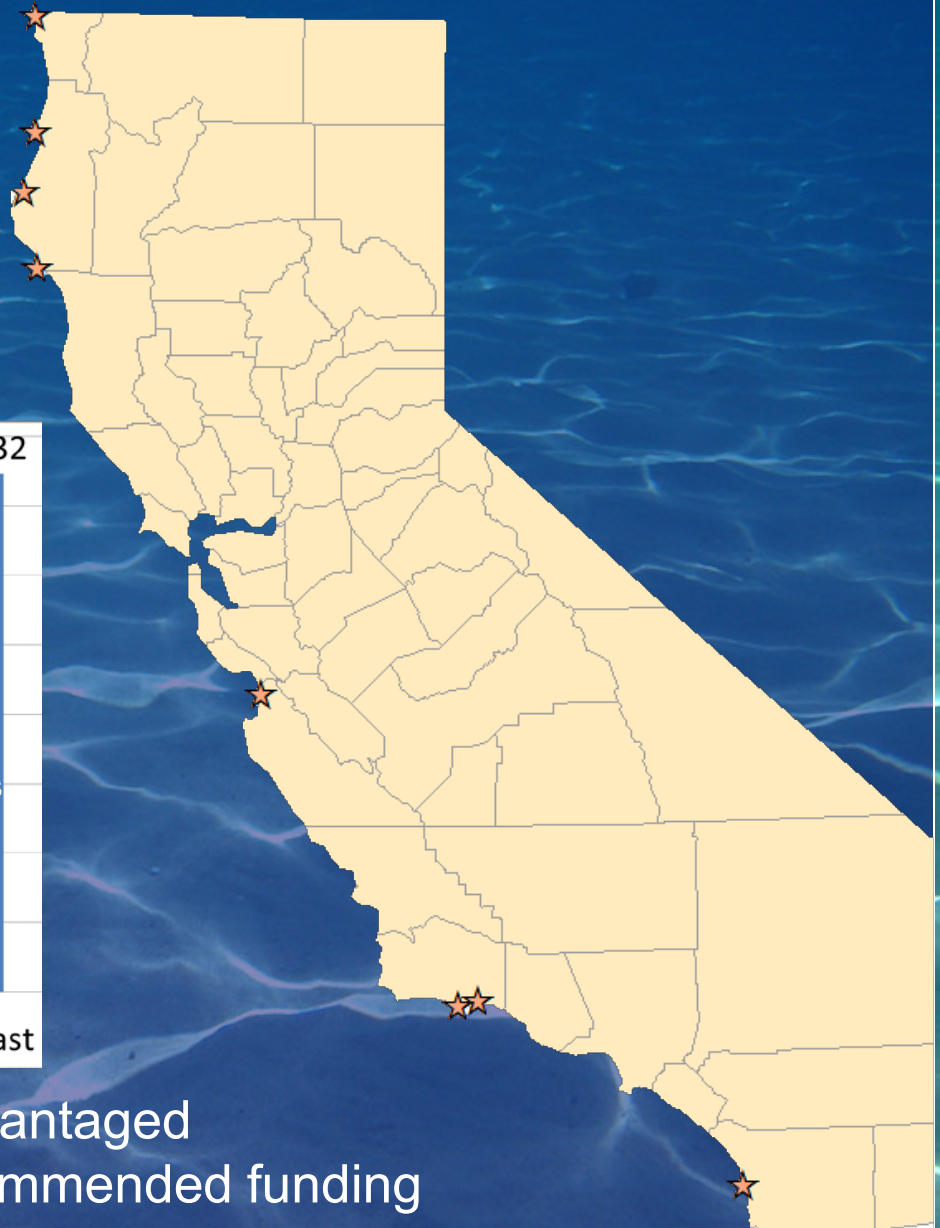
June 2016

Council consideration of 8 projects

Proposed Proposition 1 Projects



- 6 of 8 projects benefit disadvantaged communities, or 63% of recommended funding

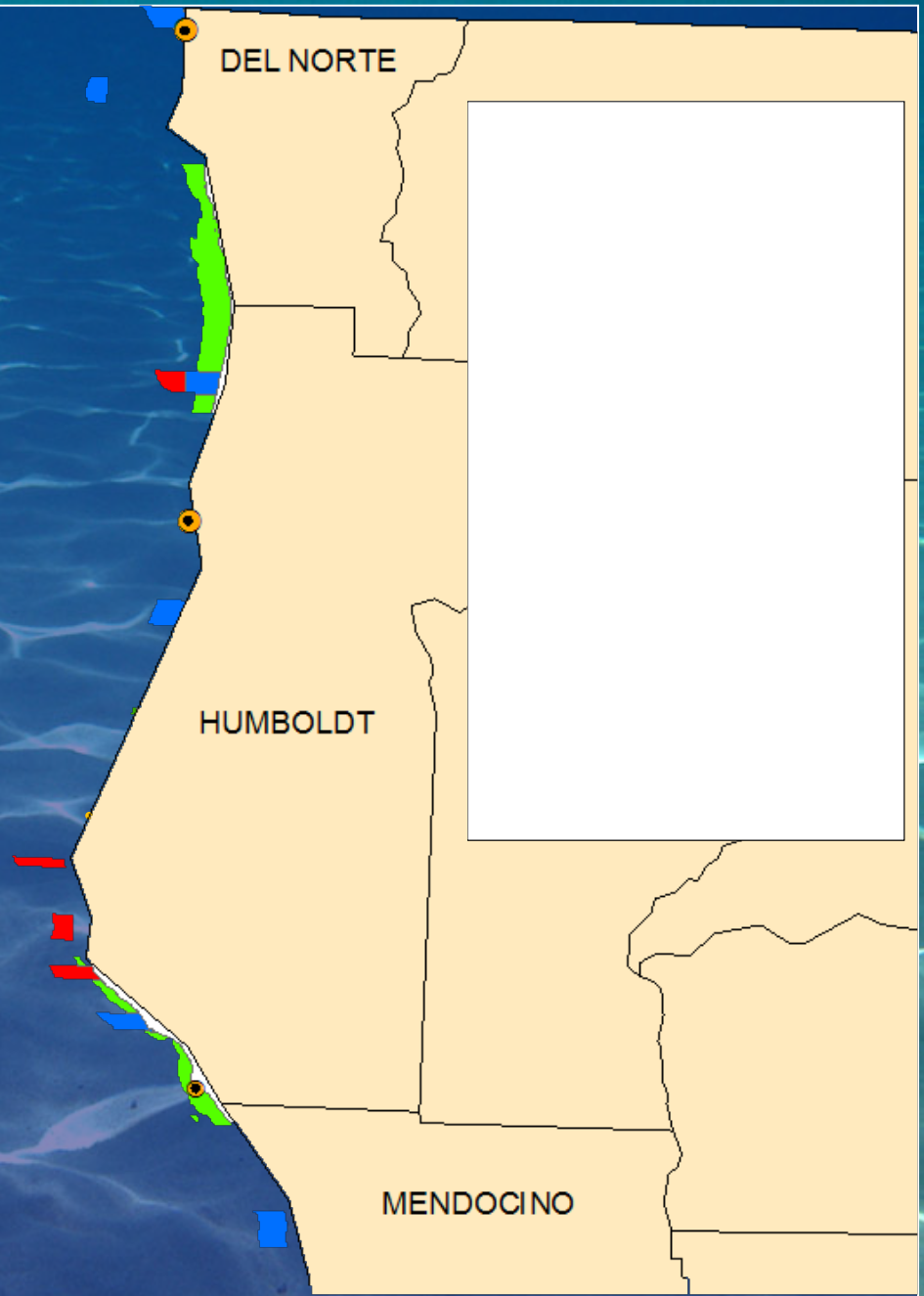


Project Eligibility

- Chapter 6 purposes
- OPC Key Issue Areas
 - Marine Managed Areas
 - Coastal and Ocean Water Quality
 - Resilience to Sea Level Rise



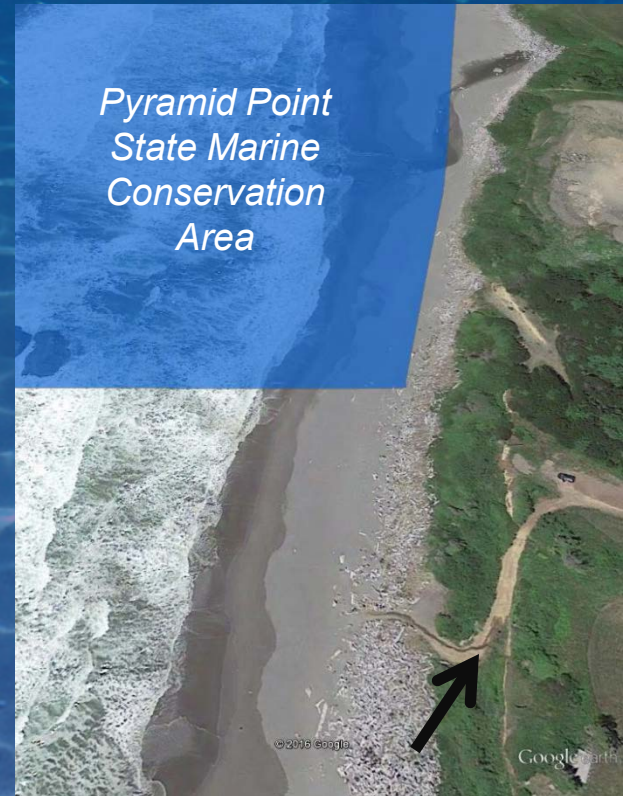
Point and Non-Point Source Pollution Reduction



Tolowa Dee-ni'



Location: Smith River, CA



- Applicant: Tolowa Dee-ni' Nation
- Proposed Award: \$974,000
- Project Outcome: Benefits MPA & important marine species

City of Trinidad



Before



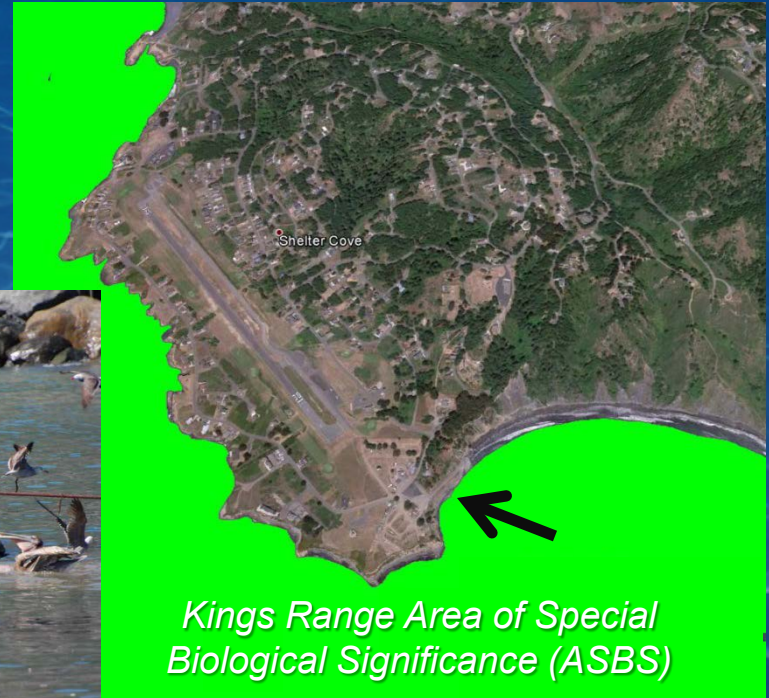
After



Location : Trinidad, CA

- Applicant: City of Trinidad
- Proposed Award: \$771,500
- Project Outcome: Benefits ASBS & ecosystem health

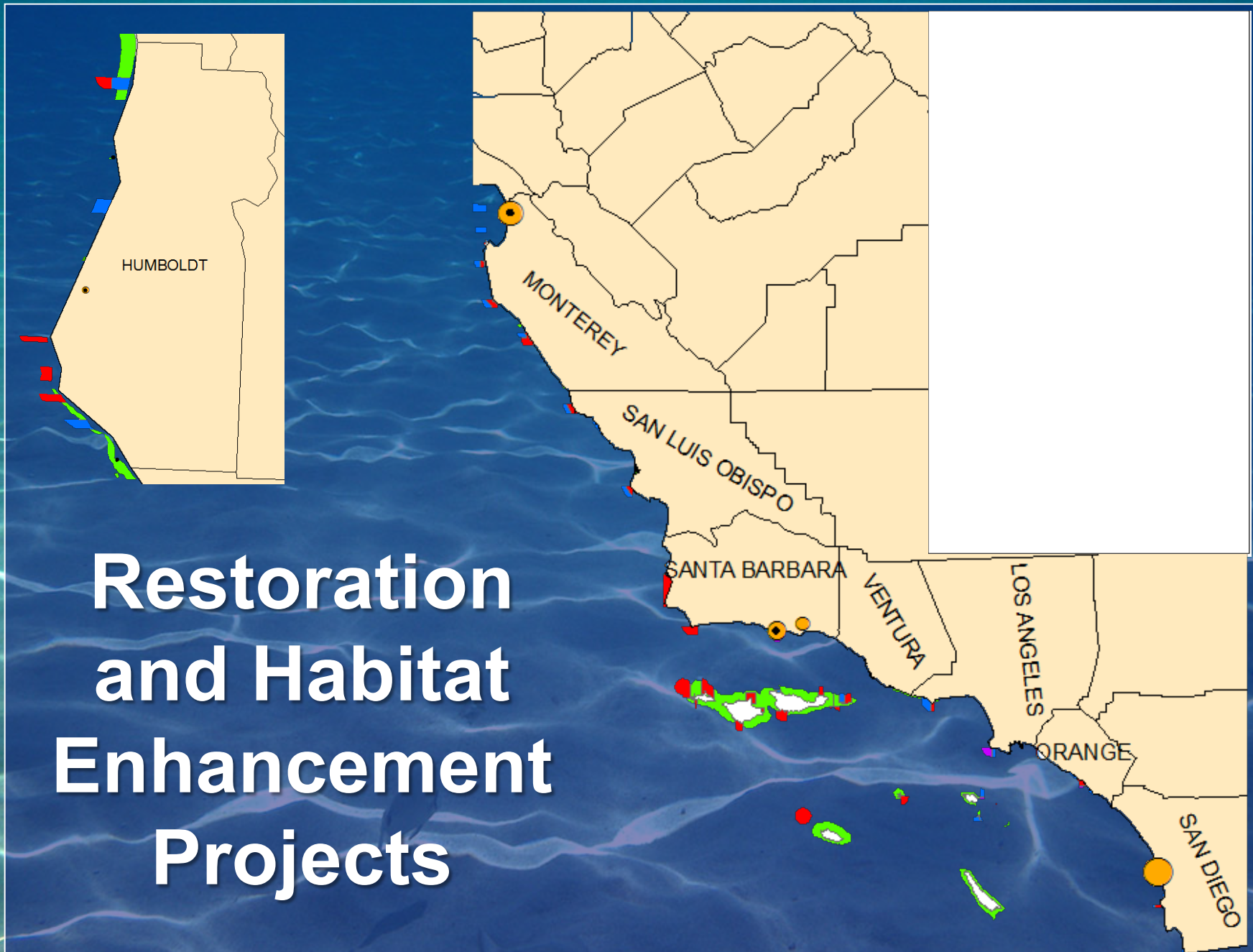
Shelter Cove



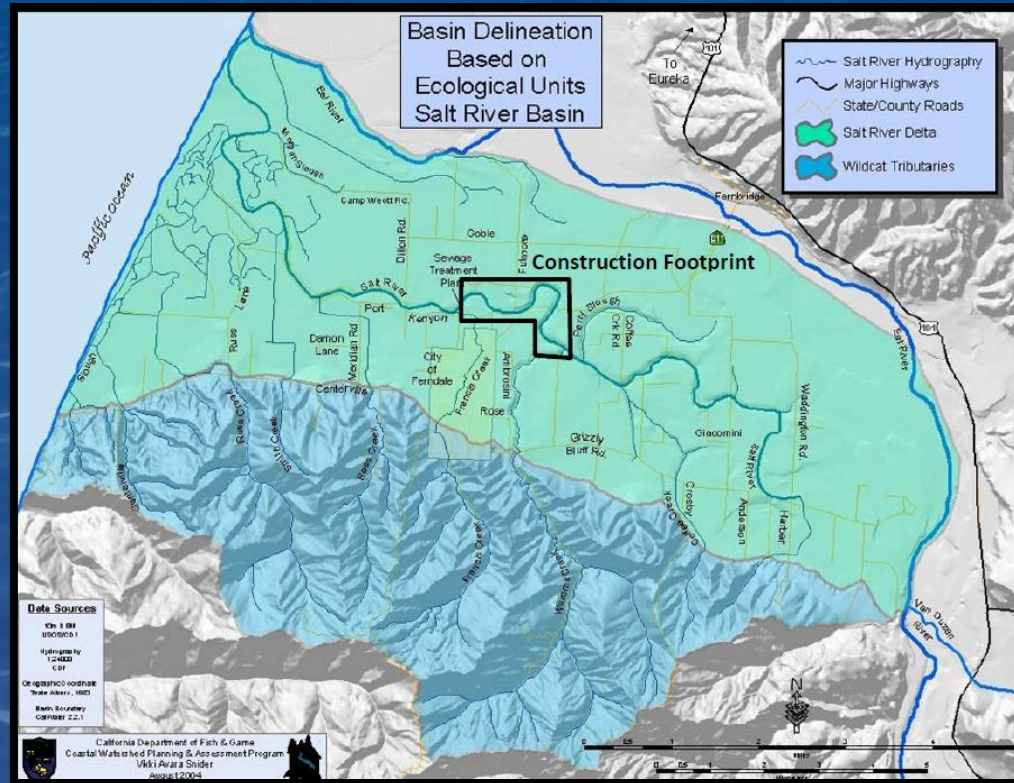
Location: Shelter Cove, CA

- Applicant: Humboldt Bay Harbor, Recreation & Conservation District
- Proposed Award: \$228,072
- Project Outcome: Benefits ASBS & important marine species

Restoration and Habitat Enhancement Projects



Salt River



Location: Ferndale, CA

- Applicant: Humboldt County Resource Conservation District
- Proposed Award: \$372,250 Project Cost: \$2,898,389
- Project Outcome: Restored habitat and fish passage

Salt River



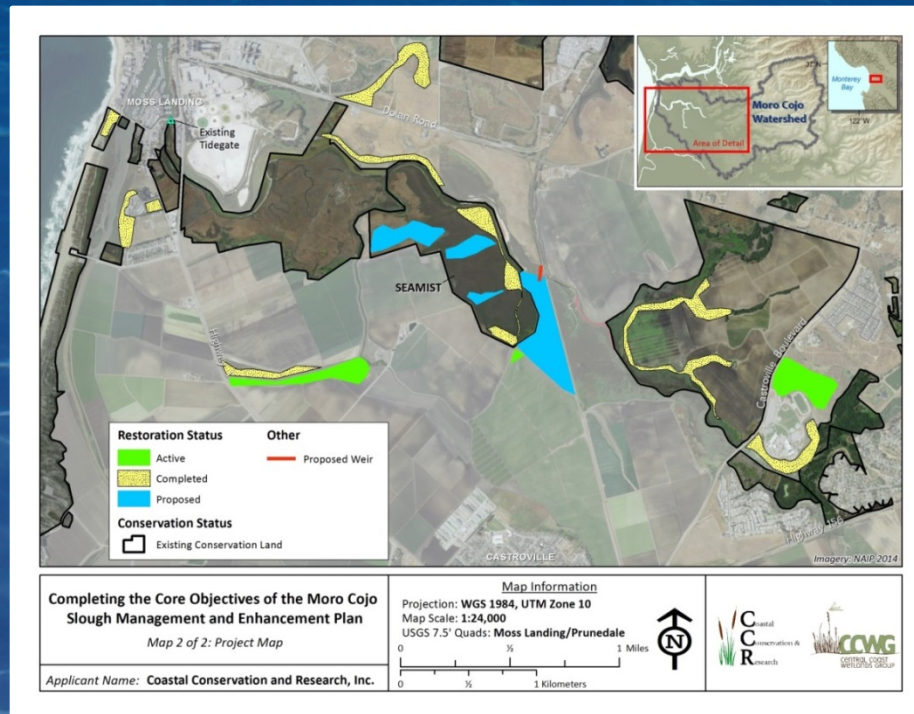
Pre-restoration area



*Post-restoration area
(downstream of proposed
project site)*

- Restore 2.5 miles of Salt River Channel
- Ultimately provide 7.5 miles of unobstructed fish passage from the ocean to Williams Creek

Moro Cojo Slough

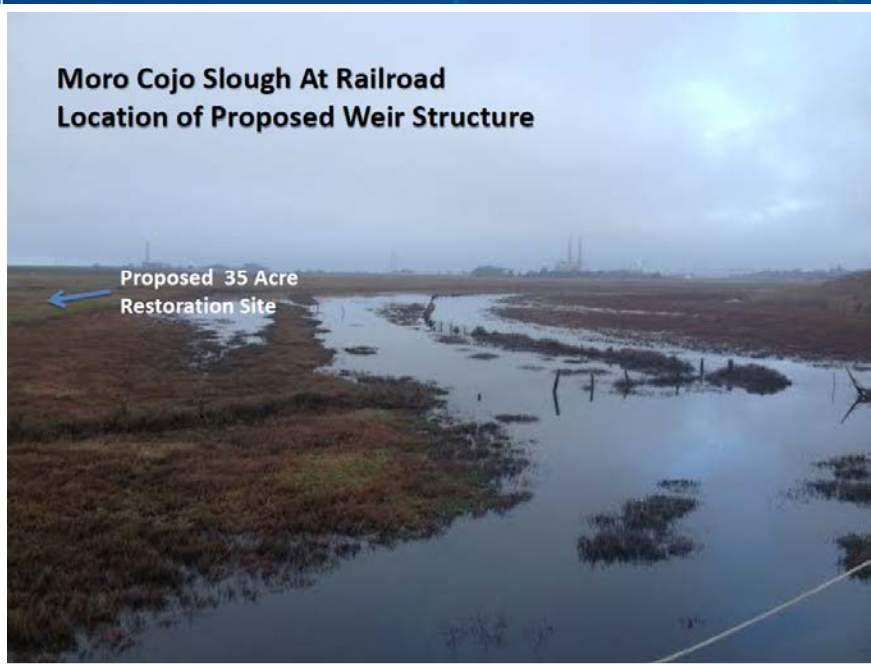


Location: Moss Landing, CA

- Applicant: Coastal Conservation and Research, Inc.
- Proposed Award: \$1,334,030 Project Cost: \$1,508,030
- Project Outcomes: Restored habitat & conservation of special status species

Moro Cojo (cont'd)

**Moro Cojo Slough At Railroad
Location of Proposed Weir Structure**

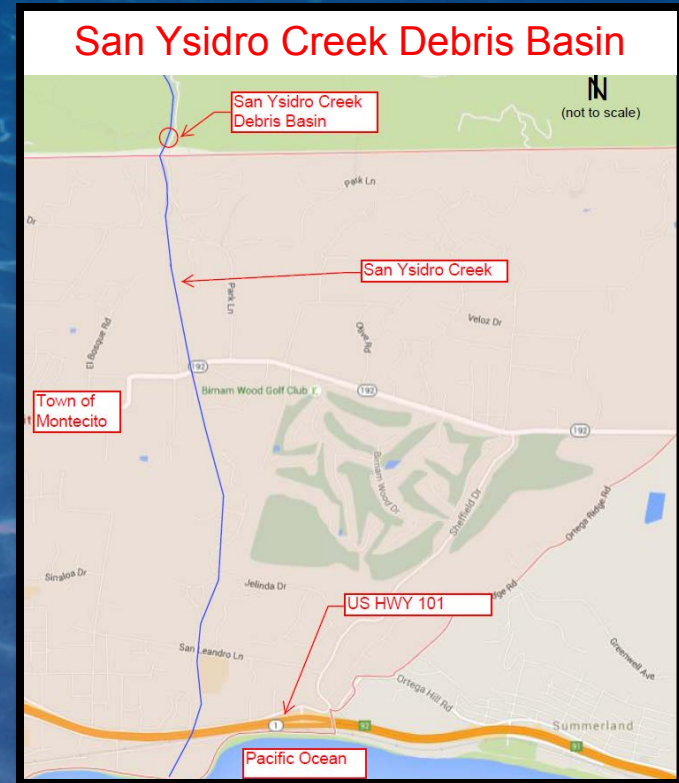
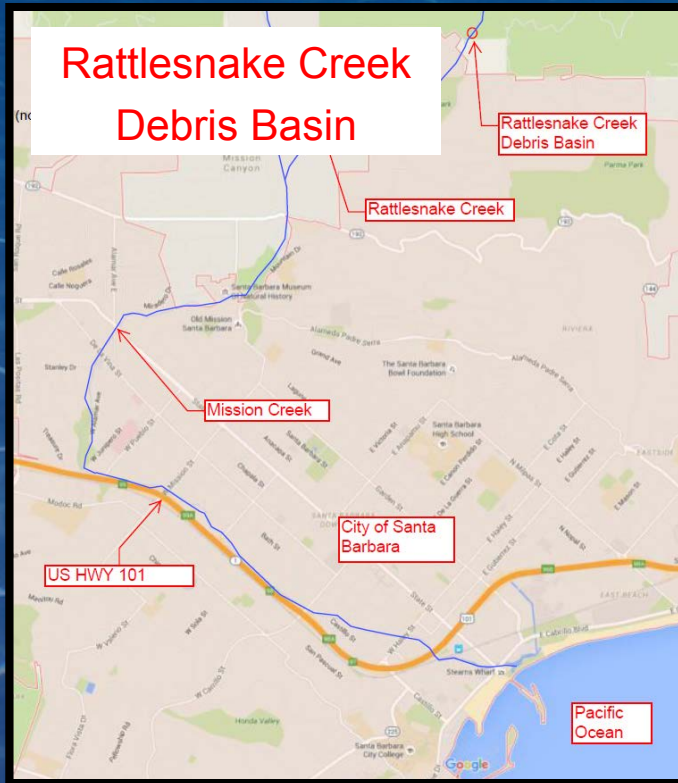


Restored wetland at nearby parcel (SeaMist I)



- Restore 35 acres of coastal wetlands
- Protect the aquifer upstream of weir from saltwater intrusion
- Develop the long-term management strategy for tidal gates near Moss Landing
- Sequester carbon
- Reduce pollution entering the nearshore ecosystem
- Provide habitat for threatened and endangered species

Santa Barbara County Debris Basin Removal



Location: Santa Barbara and Montecito, CA

- Applicant: Beach Erosion Authority for Clean Oceans & Nourishment
- Proposed Award: \$539,000 Project Cost: \$1,076,000
- Project Outcome: Restored habitat & resilience to climate impacts

Santa Barbara County Debris Basin Removal



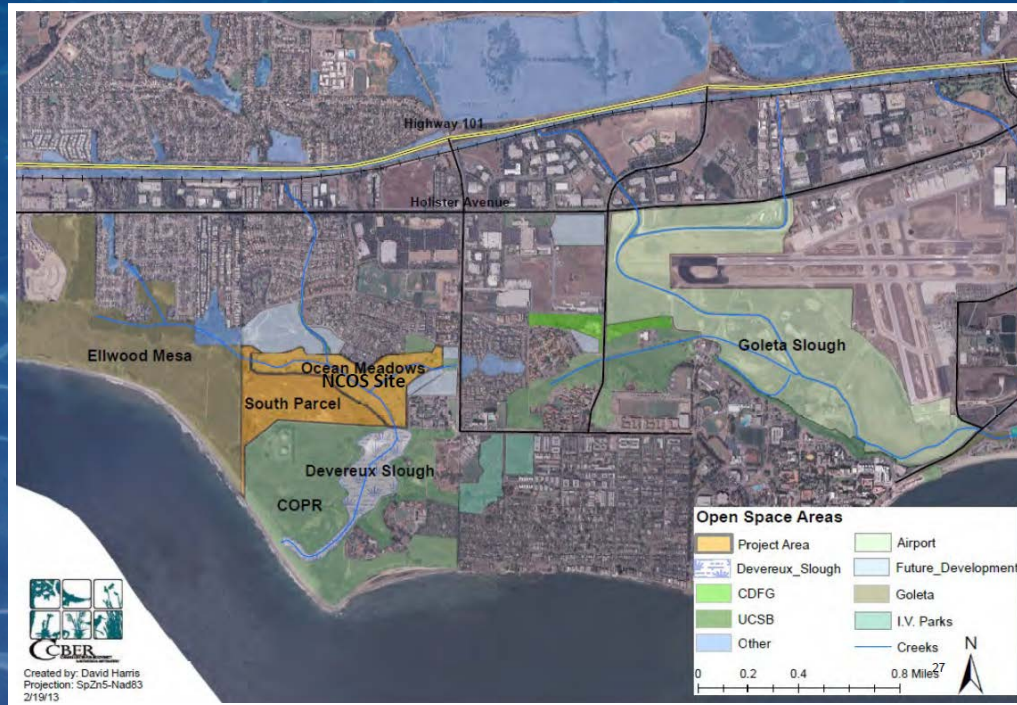
Rattlesnake Creek Debris Basin: Grouted Rock Dam



San Ysidro Creek Debris Basin: Grouted Rock Dam

- Restore 850 linear feet of streambed by removing debris basins on two coastal creeks.
- Allow for natural sand transport from the creeks to the coast, ultimately protecting beaches from erosion.

North Campus/UCSB Coastal Wetlands



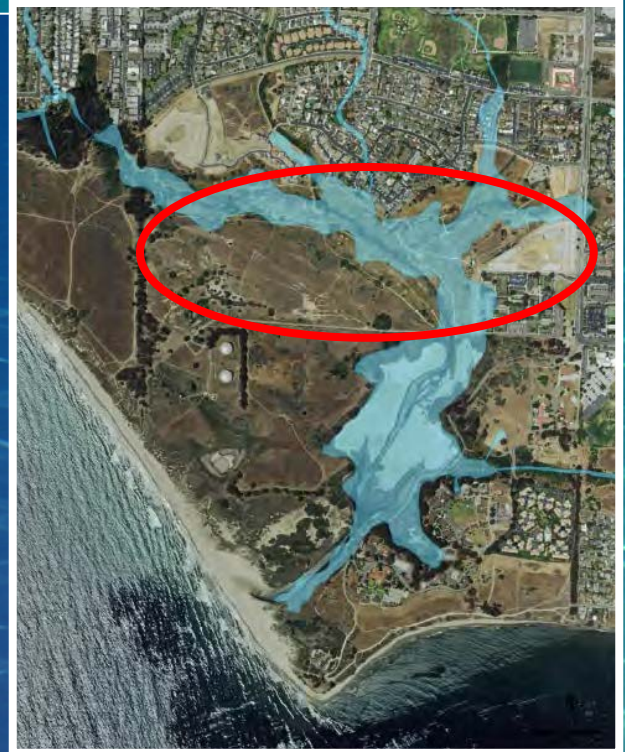
Location: Goleta, CA

- Applicant: UCSB
- Proposed Award: \$1,000,000 Project Cost: \$14,000,000
- Project Outcomes: Restored habitat & resilience to climate impacts

UCSB/North Campus Wetlands (cont'd)



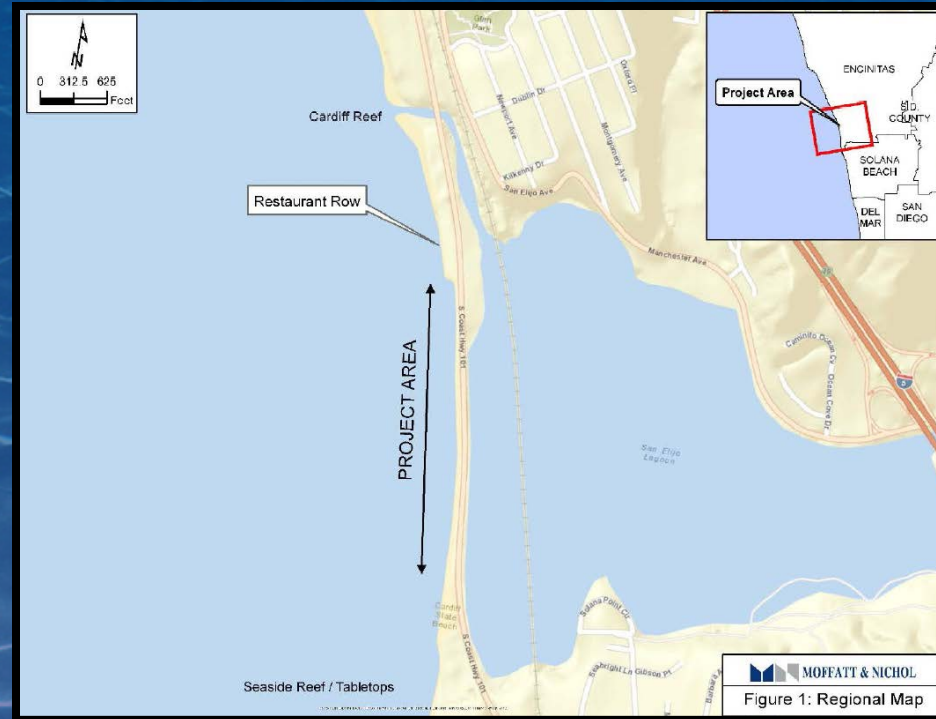
2005 flood event on golf course



Projection of mapped original extent of Devereux Slough projected on 1997 aerial photo of project site (circled in red).

- Contribute towards restoration of 106 acres of coastal wetlands
- Reduce vulnerability to sea-level rise
- Sequester carbon
- Reduce pollution entering nearshore ecosystems
- Provide habitat for threatened and endangered species

Cardiff Beach Living Shorelines



Location: Cardiff and Solana Beach, CA

- Applicant: State Coastal Conservancy
- Proposed Award: \$2,195,932 Project Cost: \$3,628,932
- Project Outcome: Restored habitat & resilience to climate impacts

Cardiff Beach Living Shorelines



Current overtopping and flooding of HWY 101 at the Project site



Current view of area to be restored to dune habitat

- Restore a 5-acre dune system along 2,900 feet of Cardiff State Beach
- Reduce the vulnerability of the Pacific Coast Highway from storms and sea level rise

Next Steps

- Spring/Summer 2017 next round of funding ~\$10.9 million
- Additional targeted outreach
- OPC can make motion to fund projects

