Region 9
National Estuary Program
CWA §320

San Francisco Bay-Delta

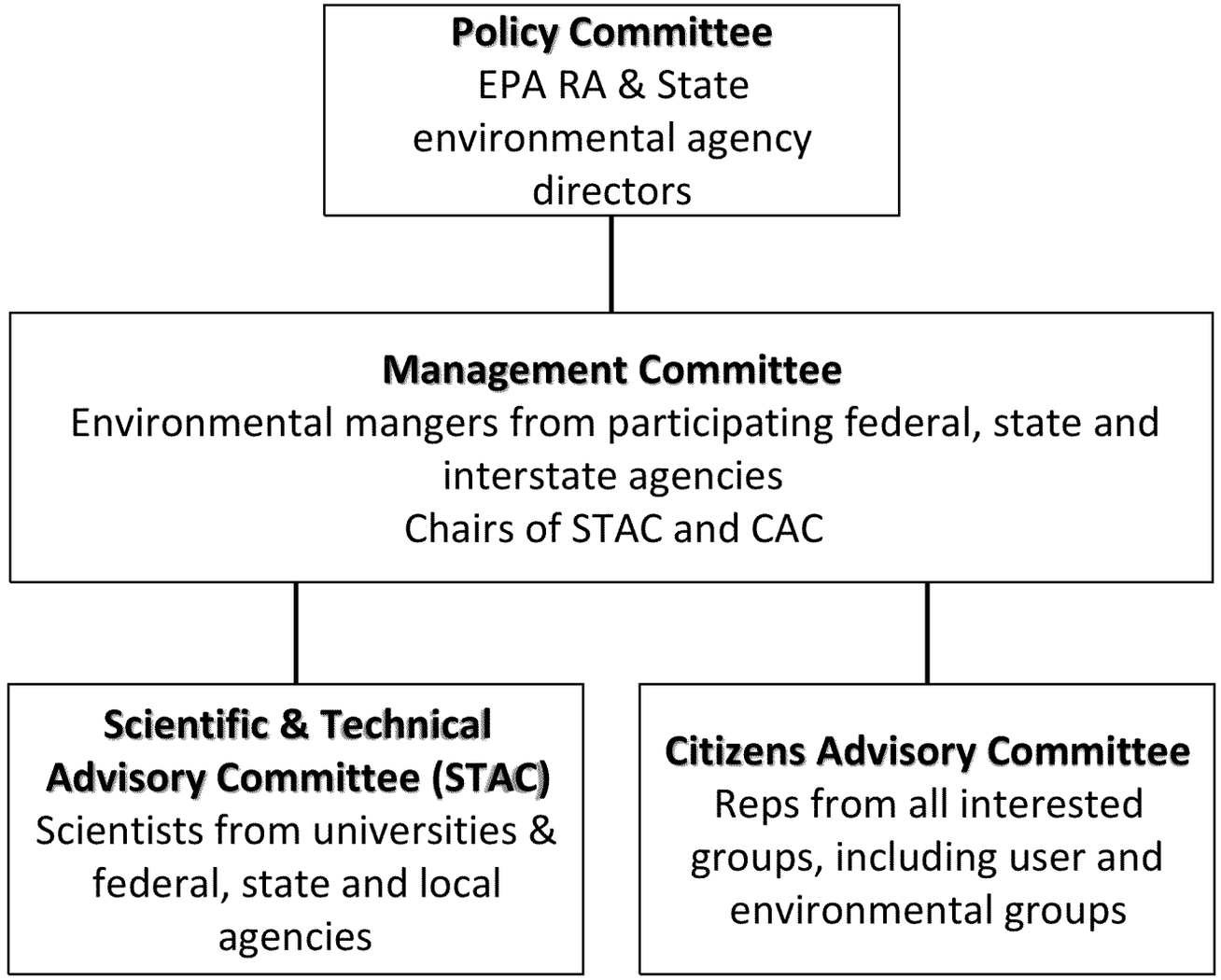
Morro Bay

Santa Monica Bay

National Estuary Program
Community-Based Watershed Management

- Origin
  - Modeled after the Great Lakes and Chesapeake Bay Programs
  - 1987 CWA Amendments: Section 320
    - Governor nominations: 28 estuaries
    - Each forms a management conference, develops plan & implements
    - EPA provides financial & technical assistance, & reviews program performance
- Key Principles
  - focus on watersheds
  - integrate science into the decision-making process
  - foster collaborative problem solving
  - involve the public

Typical Management Conference Structure

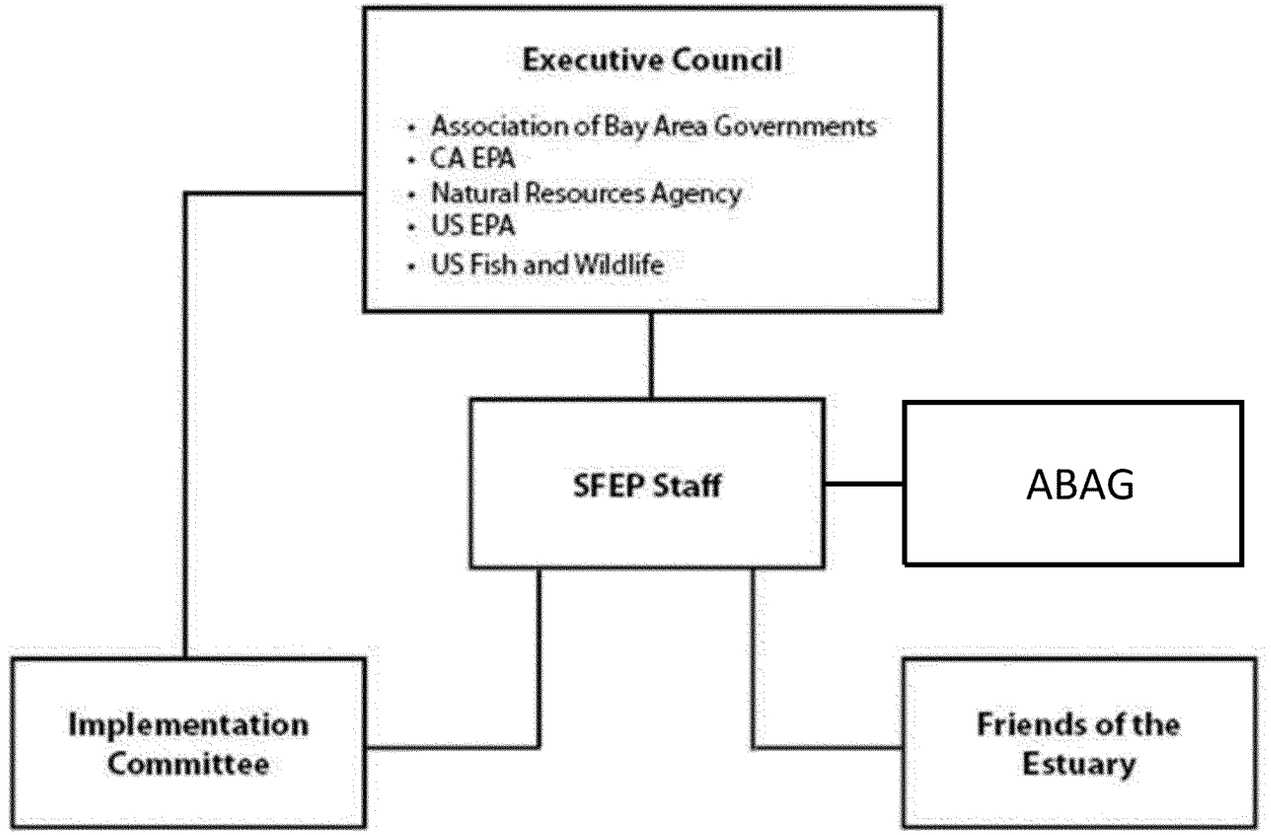


R9 National Estuary Programs

	SFEP	MBNEP	SMBNEP
Designated	1987	1995	1988
Size	5.2k sq. mi.	94 sq. mi.	2.4k sq. mi.
Host	ABAG	TBFMB	TBF
Staff	12	10	13
Annual Budget	$35.6m*	$1.2m*	$16.4m*
Water Board Support	- RB2 office space - Tom Mumley	- Jennifer Epp	- 1.5 staff (DD) - RB4 office space - legal/admin - Jon Bishop
CCMP	2016	2012	2013
HQ Review	2015	2015	2015
Director	Caitlin Sweeney	Lexie Bell	Tom Ford

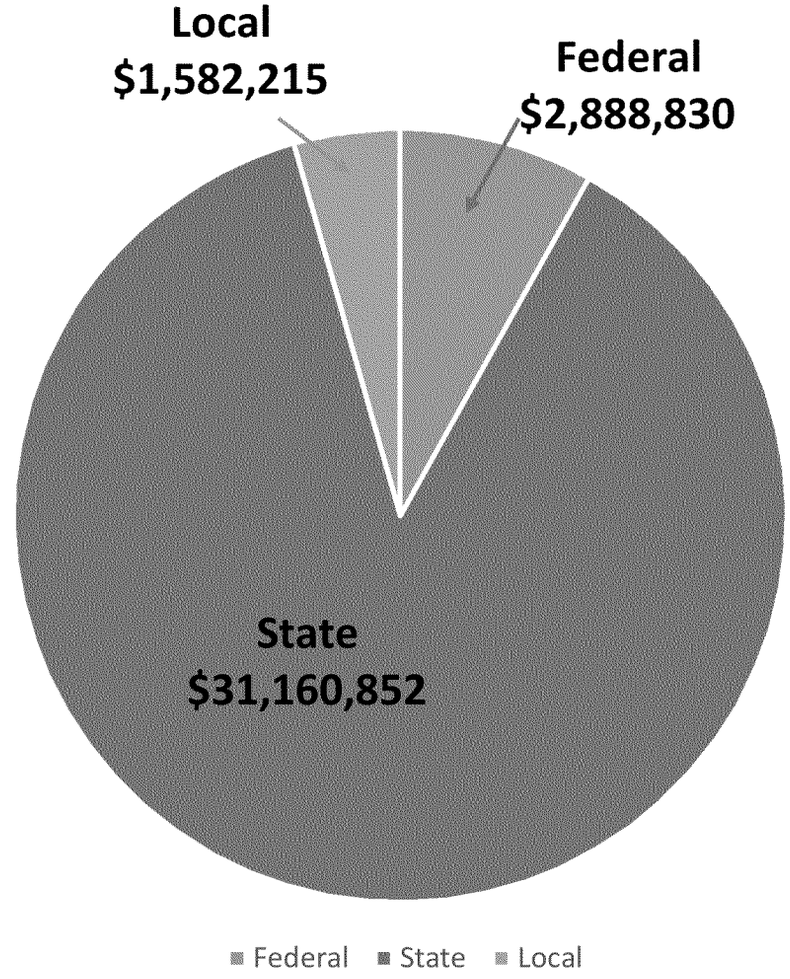
**CWA §320 national allocation to each NEP = $600,000*

San Francisco Estuary Partnership (SFEP)



Host entity = Association of Bay Area Governments

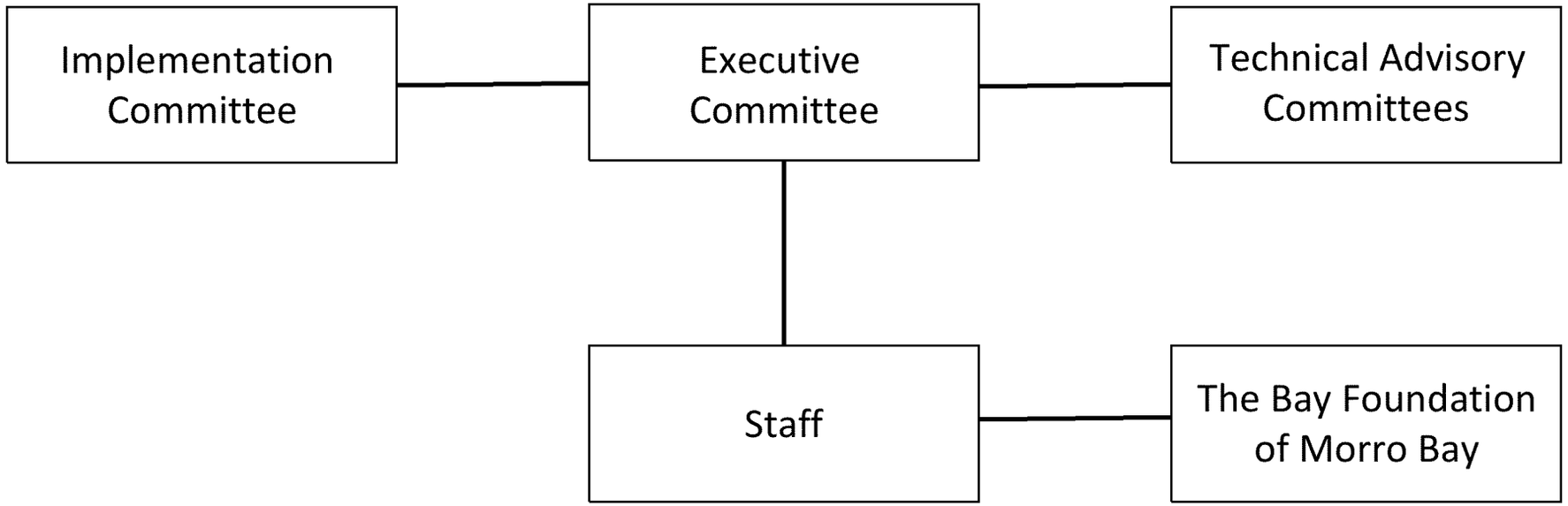
SFEP Annual Budget ($35.6m)



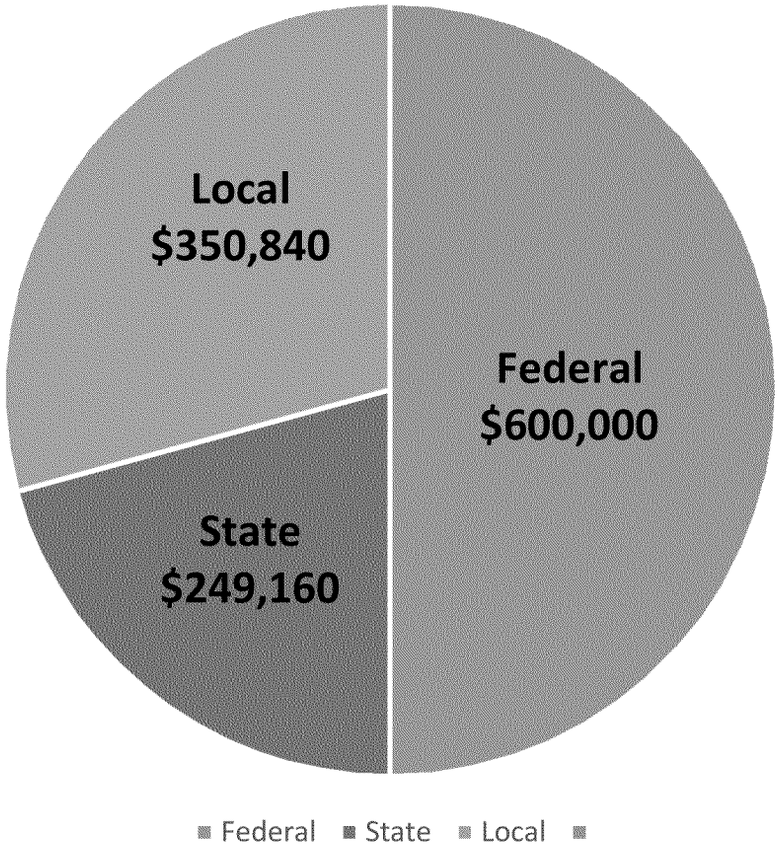
SFEP Program Areas

- Habitats and Living Resources
  - Implement education program to increase recreational vessel pump-out
  - Develop new policies and programs to reduce the spread of aquatic invasive species
  - 2021 State of the Estuary Report: last version from 2015
  - SF Bay Restoration Authority: Provide staff support for regional wetland restoration (Measure AA)
- Climate Change Resilience for Ecosystems and Communities
  - Water Board Wetland Policies Analysis: evaluation of permitting multi-benefit projects to address sea level rise
  - North Richmond Water Resources Resiliency Initiative: identify & assess climate adaptation multi-benefit projects
- Water Quality
  - Urban Greening Bay Area: implement green infrastructure w/focus on transportation and GHG Reduction investment programs.
  - Suisun Marsh WQ Monitoring: pilot BMP implementation to improve WQ (DO & Methylmercury)
  - Manage 16 IWRMP Funded Projects
    - Including innovative pilot of the ecotone levee slope known as "Oro Loma"
- Champion the Estuary
  - Biennial State of the Estuary Conference (October 2017)
  - Work with partners to incorporate integrated freshwater flow and habitat messages in public outreach materials
  - Estuary News- Quarterly news publication

Morro Bay National Estuary Program (MBNEP)



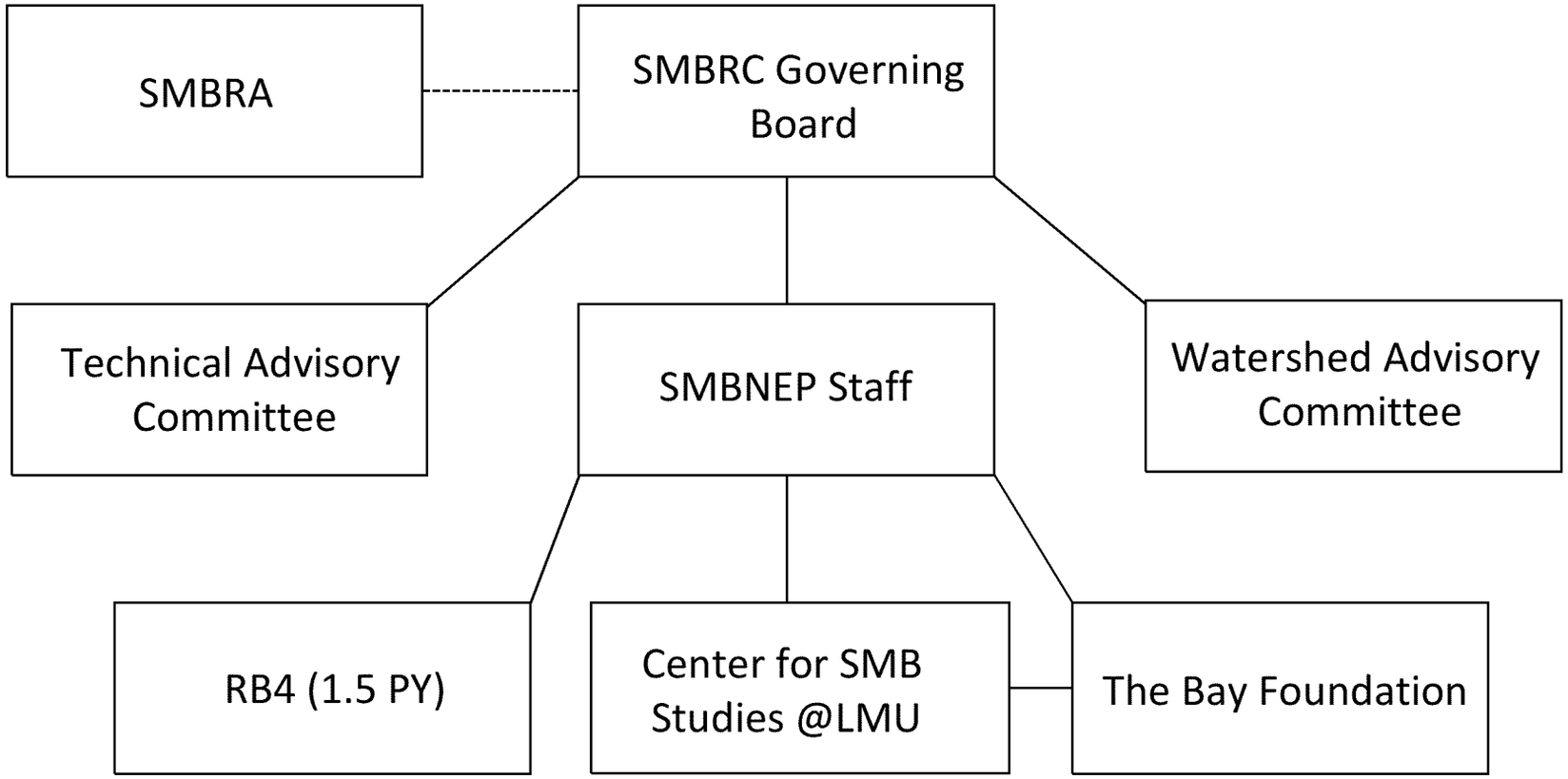
MBNEP Annual Budget ($1.2m)



MBNEP Program Areas

- Water Quality Protection and Monitoring
  - Monitor effectiveness of recent restoration projects for maintaining streamflow & DO while controlling sediment, E. coli & nutrients
    - Pennington Creek winter roof-water catchment to reduce summer creek water drawdown
    - Chorro Creek riparian fencing on rangeland
    - Chorro Creek rangeland - 11 miles of road repair
  - Work with City of Morro Bay on first boat haul-out facility & WWTP relocation planning
  - Monitor WQ at seeps below Los Osos neighborhoods recently hooked up to the new WWTP
- Ecosystem Restoration and Conservation
  - Apply for permits for Chorro Creek Ecological Reserve secondary riparian channel restoration
  - Analysis of Eel Grass Bed coverage and decline causes, and determining effective restoration techniques
- Public Education, Outreach and Stewardship
  - Promote repurposing of Los Osos residences' septic systems to rainwater catchments
  - Recreational and commercial boaters outreach re: waste disposal and clean boating BMPs

Santa Monica Bay NEP



SMBRC Governing Board Members

- **Enrique Zaldivar, LA City Sanitation (SMBRC Chair)**
- Chuck Bonham, California Department of Fish & Wildlife, Director
- Mike Bonin, Councilmember, Los Angeles City Council District 11
- Charlie Caspary, Las Virgenes Municipal Water District
- Fran Diamond, California Regional Water Quality Control Board, Los Angeles
- Joe Edmiston, Santa Monica Mountains Conservancy
- Eric Garcetti, Mayor, City of Los Angeles
- Gloria Gray, At-Large Member West Basin MWD
- Robert Godfrey, At-Large Member (Marina Del Rey Anglers)
- Grace Hyde, LA County Sanitation Districts
- Anthony Jackson, California Department of Parks & Recreation, Director
- Gary Jones, LA County Department of Beaches & Harbors
- Sheila Kuehl, LA County Board of Supervisors (Supervisor, 3rd District)
- John Laird, Natural Resources Agency, Secretary
- Kevin McKeown, Westside Cities (City of Santa Monica)
- Dan Murphy, LA County Fire Department, Lifeguard Division
- Ann Notthoff, California State Coastal Conservancy
- Mark Pestrella, LA County Department of Public Works
- John Rea, South Bay Cities (Palos Verdes Estates)
- Bruce Reznik, Public Member (Environmental/Public Interest), LA Waterkeeper
- Matt Rodriguez, California Environmental Protection Agency, Secretary
- Sarah Sikich, Public Member (Environmental/Public Interest), Heal The Bay
- Rod Spackman, Public Member (Business/Economic Interest), Chevron
- Clark Stevens, At-Large Member BWC (SM Mtns RCD)
- Roberto Uranga, California Coastal Commission
- Jefferson Wagner, MalibuWatershed Cities (City of Malibu)

"The Santa Monica Bay Restoration Project is hereby renamed the Santa Monica Bay Restoration Commission. The commission shall independently execute the duties described in this section, and the State Water Resources Control Board shall provide administrative services to the commission."

NON-VOTING MEMBERS

Ben Allen, State Senator, 26th District
Rich Ambrose, TAC, Chair
Richard Bloom, State Assembly, 50th District
Autumn Burke, State Assembly, 62nd District
Bryant Chesney, NOAA-NMFS SW Division
Erica Yelensky, US EPA Region IX
State Assembly Member, 66th District
Laurie Newman, President, TBF
Fran Pavley, State Senator, 27th District

Santa Monica Bay Restoration Authority (SMBRA)

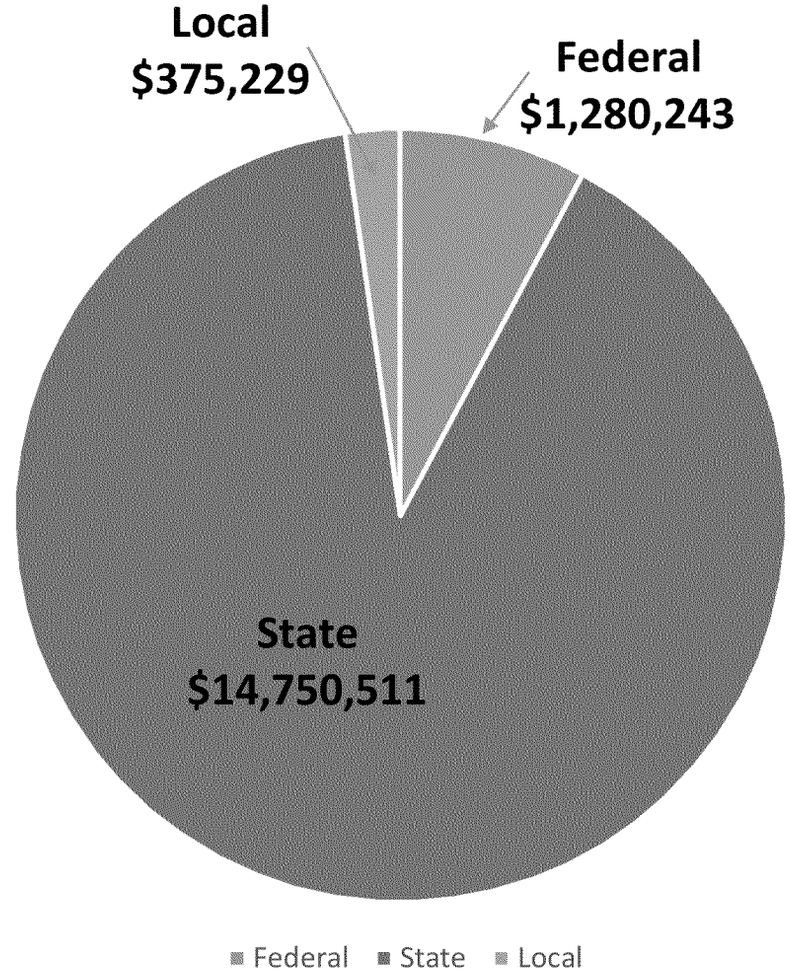
- Created by a joint exercise of powers agreement between the SMBRC and the LA County Flood Control District
  - Operates as a local public agency within the Santa Monica Bay watershed
- Purpose
  - broaden funding opportunities, and
  - provide an efficient method by which state agencies can fund programs of the Santa Monica Bay National Estuary Program.

The Bay Foundation Board Members

Ex. 6 - Personal Privacy

(L to R) Jeff Klocke – Vice President and General Manager, PacificPark; Dr. Shelley Luce – Executive Director, Environment Now Laura Doss-Hertz – Professional Photographer; Tom Ford – Director; Kathryn Vernez – Vice President, TBF Board of Directors; Laurie Newman – President, TBF Board of Directors; Catherine Tyrrell – Senior Associate, RMC Water; John Dorsey – Professor, Loyola Marymount University

SMBNEP Annual Budget ($16.4m)



SMBNEP Program Areas

- Coastal and near shore restoration
  - Kelp restoration: goal to restore 150 acres of kelp forest; 40 acres completed
  - Abalone restoration
  - Dune Restoration Program: 1 acre completed, more pending
  - Malibu Lagoon post-restoration monitoring
  - Pending Ballona Wetlands Restoration EIR/EIS review
- 5 TMDL/ water quality improvement/ LID projects (~$9M - Prop 84)
- Ongoing pollution prevention programs
  - Boater Education Program: provide peer-to-peer education and outreach, mobile pump outs
  - Clean Bay Restaurant Certification Program
    - Manage and recruit new participants
    - Currently 400+ restaurants in 11 coastal cities are participating
- CCMP/Bay Restoration Plan update

SMBNEP Stakeholder Concerns

- Stakeholders
  - Ex. 6 - Personal Privacy Sierra Club Los Angeles Chapter
  - Ex. 6 - Personal Privacy, Ballona Wetlands Land Trust
  - Ex. 6 - Personal Privacy Sierra Club Airport Marina Chapter
  - Ex. 6 - Personal Privacy Sierra Club Airport Marina Chapter & Grassroots Coalition
- BWLT Sued Commission (2016)
  - 17 complaints/16 dismissed/result = release of documents & need to clarify roles (e.g., TBF v. SMBRC)
- BWLT legal action threat to TBF (December 2016)
  - Confidential Settlement (April 2017)
    - Tom resigns from SBRMC & SMBRA
    - Annual release of TBF tax return
    - One open TBF Board meeting per year
    - Public copies of TBF board minutes
    - Public copies of EPA semi-annual grant performance reports
- BWLT filed legal action against SMBRC (2017)
  - Claiming TBF employees at RB4 is an illegal public gift
- BWLT additional concerns
  - MOU w/LA and SMBRA for 48 acre dune restoration at LAX
  - Ice plant removal at Ballona Wetlands – letter of complaint to CCC re: compliance with permit requirements