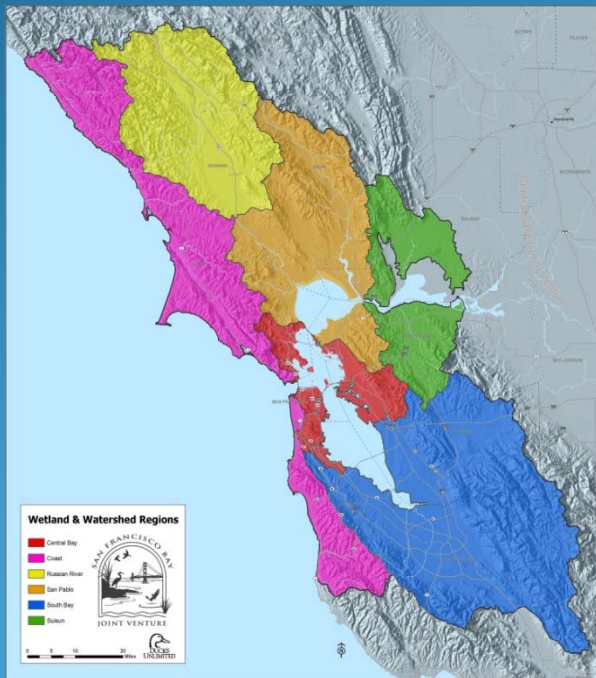


# Habitat Protection and Restoration in the San Francisco Bay Joint Venture Region Current and Future Funding Analysis – 2011



**SFBJV Management Board  
July 26, 2011**

**Beth Huning, Coordinator, SFBJV**



## ***Short and Long Term Funding Needed to Deliver SFBJV Habitat Projects***

- **Long Term - \$1.43 Billion over 50 years (Save the Bay analysis)**
  - 12 largest projects that will restore and manage an additional 36,176 acres of tidal wetlands
- **Short Term - \$258,307 million over next 3-5 years**
  - Wetland and riparian projects that will be “Ready to Go” in that time frame
- Does not include sub-tidal projects except those that have already been identified in SFBJV project data base

# *Current Funding Programs, Opportunities and Challenges*

- Federal
- State
- Foundation & Corporate
- Mitigation
- Other Options



Authorized programs now subject to freezes and cuts



# ***Federal Program Highlights and Status***

- **Direct Appropriations**

- FY10 \$22,100,000 for flood control planning, levee maintenance, construction of the 3 large restoration projects (South Bay Salt Ponds, Hamilton, and Napa Sonoma Marshes)
- \$7 million in the EPA Budget for water quality and restoration projects in SF Bay with at least 25% non-federal match
- NOAA ARRA \$20 million one-time boost for Bay Projects
- Direct appropriations in FY12 will be tied to authorized programs



## ***Current Federal Program Highlights and Status***

- Often require large match (1:1 or 2:1; 25-35% for WRDA)
- Fund mostly capital improvements, not monitoring or operating
- Reduction in program allocations in FY11 with some program funding for USGS and the Corps being reduced

- **North American Wetlands Conservation Act (NAWCA) – Authorized at \$75 million**

FY10 = \$53 million

FY11 = zeroed out, then reinstated at \$37.5 million, 30% reduction

FY12 = 40% reduction proposed

- **National Coastal Wetlands Program (FWS)**

2010 = \$19 million

2011 = \$16 million, 16% reduction





## ***NOAA, EPA/CARE/Environmental Justice Small Grants, WRDA/ Corps, LWCF, USGS***

All uncertain funding levels as compared to the past

- NOAA Open Rivers Initiative zeroed out in FY11
- WRDA will be passed, but when?
- EPA SF Bay funding uncertain in FY12 - Will depend upon Senator Feinstein or Senate redefining “earmark”



## *State Programs and State Bond Status*

- Props 12, 40, 50, and 84 provide funding for water and parks
- Most recent bond in 2006
- Funding from these measures is now mostly encumbered or nearly depleted



## ***Coastal Conservancy/ Bay Conservancy***

- Bay Conservancy launched in 1998
- Provides tens of millions \$\$
- Wildlife Conservation Board granted \$40 million of Prop. 50 to the Bay Program
  - Now mostly expended or encumbered
- Without new bonds, in 3 years the Bay Program will not be able to fund new projects



## ***Wildlife Conservation Board***

- Received \$200 million in Prop. 50 for SF Bay wetlands
  - Granted \$40 million to the Coastal Conservancy's Bay Conservancy
  - Funding mostly expended
- Prop. 84 funding likely to last no more than 3 years without new bonds
- Most projects for bond funding have already been identified
- Any new project funding will likely come from projects that cannot use pre-determined funding within the allotted time frame



# ***State-Administered Federal Funds***

- **EPA Section 319 Nonpoint Source Management Program**  
(State Water Resources Board)
  - Provided \$130,000 to \$250,000 for 1-6 projects annually
  - Few, if any since 2006, although funded some RCD's and section 319 priorities
- **FWS State Wildlife Action Plan Grants**
  - Has provided some grants to implement CA State Wildlife Action Plan
  - Has potential, particularly for monitoring
  - Now being used extensively to fund the Department of Fish and Game
  - How likely is it that these funds will be available to projects?



# *Foundations and Private Funding Sources*

- Provide match for government funding
- Can fund non-capital program needs (monitoring)
- Limited but well-funded options in the Bay Area
  - Large foundations (Packard, Hewlett, etc.) target large-scale programs on specific environmental issues or highly threatened landscapes
  - Gordon & Betty Moore Foundation - \$90 million in land protection grants
  - Goldman Fund to cease operation in 2012

## ***Resources Legacy Fund, Gordon and Betty Moore and David and Lucile Packard foundations***

- Combined program supports collaborations among land trusts to catalyze a coordinated regional approach to land conservation in Bay Area
- Focuses on strategic deployment of state bonds, public, and private funds to protect large-scale, high value habitat and linkages
- South Bay Salt Pond Project and Napa Sonoma Marshes have benefited



# ***National Fish and Wildlife Foundation***

- Re-defined funding into initiatives
- Keystone Initiatives for birds, fish, marine and coastal and wildlife and habitat
- Still manage other funds such as Five-Star Grants



## ***Community Foundations (Marin, East Bay, Peninsula, Sonoma County, etc.)***

- Some potential as per guidelines
- San Francisco Foundation Bay Fund expended





## ***The San Francisco Foundation Bay Fund***

- Funded 98 projects totaling \$3,556,000 to 51 organizations
- Funded elements or phases of projects that are not funded by other programs (monitoring, research, etc.)
- Funded phases of projects that led to development or construction of a larger project
- Funded smaller project that could be completed with lesser amounts of money
  - projects that may not compete for federal funding as they may not have been prominent nationally
  - projects that contribute habitat or information to a larger scale project or system



## *Where will partners find funding for habitat protection, restoration, and enhancement?*

Some existing sources:

- Fines
  - Regional Board and BCDC violations
  - County Wildlife Commissions
  - Natural Resource Damage Assessment (NRDA)
- Mitigation for Public Works Projects
- NRCS Farm Bill – Only federal program with growth in funding
  - Record \$40 million for easements in CA
  - Other programs such as Wetlands Reserve Program
- In-kind Capital Improvements



## *California Water Bond*

### *not likely for November, 2012*

- Bay Conservancy not in bond, although Coastal Conservancy statewide is in
- Controversial and not wide-spread support, due to other elements in the proposed measure
- California is not currently in a drought; so likelihood of passage is diminished
- Lots of measures on 2012 ballot in a slow economy



## ***Ramifications if Funding Levels Are Not Achieved***

- Projects will be left in various phases of planning, construction, and function
- Inability to determine success of project and management needs
- Important parcels for protection may be lost
- Critical staffing for key projects (Ex. South Bay Salt Pond Project Science Program) may be affected
- Ability to achieve overall goals will be compromised

# Possible New Funding Opportunities

- SF Bay Restoration Authority ???
- SF Bay EPA Authorization ???
- NFWF Keystone Initiative ???
- Other funding programs ???





## ***SF Bay Restoration Authority***

- Focused geographic scope
- Will be determined by October 2011 whether to move forward with measure for November 2012 or defer to 2014 or 2016
- Polls well for small assessment
- Still needs to be determined how and where
- Will there be funding to put it on the ballot and run a campaign?



## ***EPA SF Bay Authorization***

- S. 3539, 10-year measure, has been re-introduced in Senate by Senator Feinstein and approved by Senate EPW Committee
- Climate in House not currently conducive but could change in a couple of years
- It's a new authorization
- Earmarks are “out” until re-defined

# ***NFWF SF Bay***

## ***Keystone Initiative***

- Packaging current programs to support projects in SF Bay that benefit target species as per NFWF's national Keystones
- Good potential for some larger projects





# *Possible adaptation strategies*

- Project managers will need to be innovative and utilize all the tools available, which will consume resources to piece together various funding options
- Priorities will need to be more focused and specific
- Resources will need to be committed to developing the new prospective funding sources



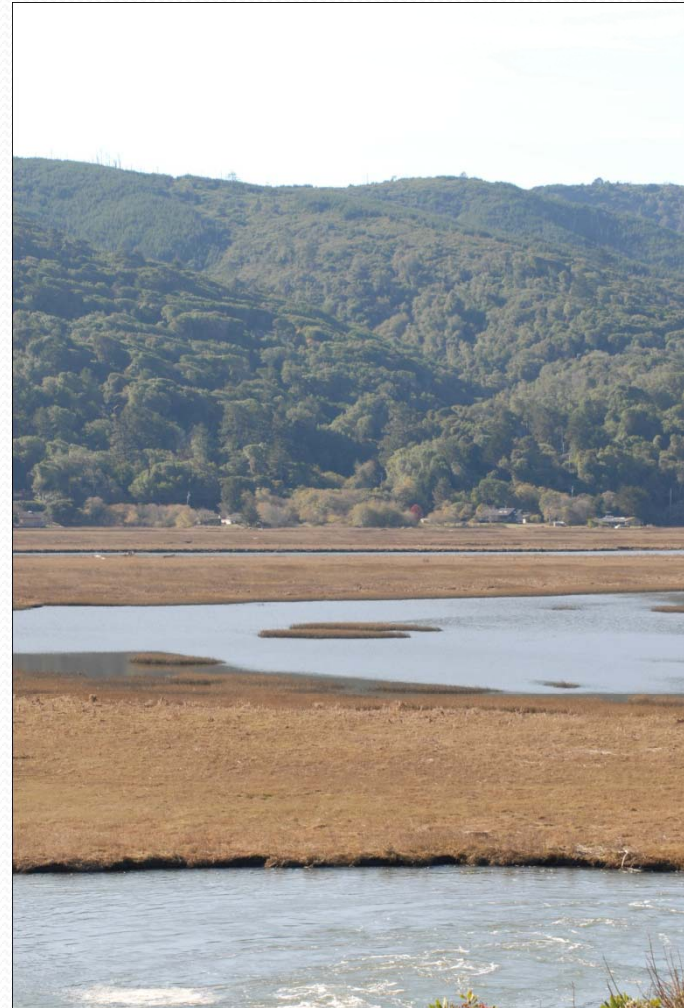
# *Possible adaptation strategies*

Messaging will be important

- Values of a clean and healthy Bay
- Restoring habitat for wildlife restoration is “infrastructure” and creates jobs.
- An analysis of economic benefits to restoring a healthy Bay would be helpful

# *Possible adaptation strategies*

- Smaller projects and monitoring will likely need to be packaged as part of the larger landscape through partnerships or sub-contracts for consideration by private sources.
- Projects and monitoring may need to be redesigned for minimal rather than optimal function





## ***Taking Action Now to Prevent Major Funding Loss***

- Actively support SFBRA parcel tax to generate ongoing funding
- Actively pursue EPA Authority
- Re-open dialog with local foundations and corporations need for private funding
  - Focus on aspects of projects not funded by other sources
  - A funding forum could elicit foundation support and coordinate funding strategies
  - Promote projects with foundations for donor-advised funds



## ***Taking Action Now to Prevent Major Funding Loss***

- Be Innovative with Project Delivery
  - Utilize Farm Bill to purchase easements rather than outright acquisitions
  - Re-design projects for minimal rather than optimal function
  - Re-define/re-design purpose or elements of project to address infrastructure such as flood control or water quality to take advantage of IRWMP, mitigation, and other funding
  - Identify in-kind opportunities; reuse of materials such as dredge
- Build capacity of Refuge and Parks friends/support organizations

***Partnerships are crucial for  
any of these and other  
options to be successful***

