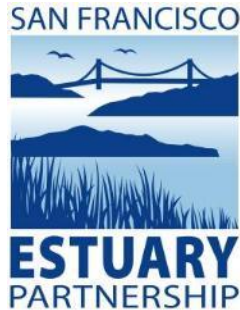


SAN FRANCISCO ESTUARY PARTNERSHIP
Implementation Committee Meeting
Wednesday, November 28, 2012, 9:30 a.m. – 12:30 p.m.
1515 Clay Street, 2nd Floor, Room 10, Oakland, CA

AGENDA

- 1. Introductions; Approval of August 22 Meeting Summary** *Attachment 1*
9:30 *Tom Mumley, IC Chair*
Action
- 2. Public Comments**
9:40 Any member of the public may address the IC on any matter regarding implementation of the Comprehensive Conservation and Management Plan (CCMP). Three minutes. Written comments are also accepted.
- 3. Director's Report** *Attachment 2*
9:45 *Judy Kelly, Director*
- 4. Prospects for Federal Funding for Bay Area Restoration**
Marc Holmes, The Bay Institute
9:55
- 5. SFEP Activities**
10:10
Action a. Strategic Plan Update – staff Draft & proposed schedule *Judy Kelly* *Attachment 3*
b. Next State of the Estuary Conference –October 29 & 30, 2012
Action Ideas for theme, speakers, issues. *Karen McDowell*
- 11:15 **BREAK**
- 6. Programs, Ideas, and Priorities from IC Members**
11:30 Regional Sea Level Rise Adaptation Strategy *Caitlin Sweeney, Lindy Lowe, Wendy Goodfriend*
SFEP *BCDC*
- 7. Concluding Business**
12:15 Road Map: Review, additions to agenda items for upcoming IC meetings *will be hand out*
Action Approval of 2013 schedule
- 8.**
12:25 Announcements
- 9.**
12:30 Adjourn



DIRECTOR'S REPORT

November 28, 2012

SFEP MANAGEMENT

Funding

The San Francisco Estuary Partnership is cooperating with the regional effort to develop excellent project proposals for submittal to the Integrated Regional Water Management Plan [IRWMP] Implementation Coordinating Committee. Our staff is assisting the region in applying for the next round of DWR IRWMP projects to be submitted to DWR in March or April of next year. Approximately \$20 million is available to the SF Region.

Possible Action on Federal Legislation

Senator Feinstein has asked for regional support to secure inclusion of her bill S.97, The San Francisco Bay Restoration Act, in a year-end legislative package that Majority Leader Reid may assemble.

As you recall, S.97 codifies, through fiscal year 2016, a version of the U.S. EPA's San Francisco Bay Water Quality Improvement Program grant program. This would provide certainty for the Partnership and others that \$5 million in grant funding (requiring a 25 percent match) will be available each year. As under Senator Feinstein's previously successful appropriations, the funding would support "activities, projects, or studies, including restoration projects and habitat improvement for fish, waterfowl, and wildlife, that advance the goals and objectives of the CCMP."

The Senator has asked for a letter signed by local supporters of S.97, which she can use in her advocacy with Leader Reid. As of 11/16, signers included David Lewis, Executive Director, Save The Bay; Deb Self, Executive Director, San Francisco Baykeeper; Marc Luce, President, Association of Bay Area Governments; Carl Guardino, Executive Director, Silicon Valley Leadership Group; Sam Schuchat, Executive Director, CA Coastal Conservancy; Robert E. Doyle, General Manager, East Bay Regional Park District; Beau Goldie, CEO, Santa Clara Valley Water District; Michael Sutton, Executive Director, Audubon California; Diane Ross-Leech, Chair, San Francisco Bay Joint Venture; Ralph Benson, Executive Director, Sonoma Land Trust; Florence LaRiviere, Citizens Committee to Complete the Refuge; Jim Wunderman, Bay Area Council; Wendy Pulling, California Director, the Nature Conservancy; John Frawley, President and CEO, The Bay Institute and Aquarium of the Bay and Janet McBride, Executive Director, Bay Area Ridge Trail Council.

Staffing

New joint staff with SFEI. Implementing a long-discussed strengthening of SFEP and SFEI collaboration, Adrien Beaudrimont will now be a joint staff person for our two organizations. Focused on integrating improved flood planning efforts, Adrien will continue to work on SFEP's Creek Mouth assessment and SFEI's Flood Infrastructure Mapping project, part of an IRWMP grant, and the Head-of-Tide (HOT) project that was funded through BCDC by the Coastal Impact Assistance Program. Adrien's work will help ensure that the creek-mouth project stays in alignment with SFEI efforts. He will also assist us in early indicator update and research required for the next 2015 State of the Estuary Report.

Anticipated new hires. SFEP will soon be recruiting for one to two new positions that will help the Regional Water Board's permit oversight efforts in Marin County and for the Sonoma County Water Agency.

Outreach

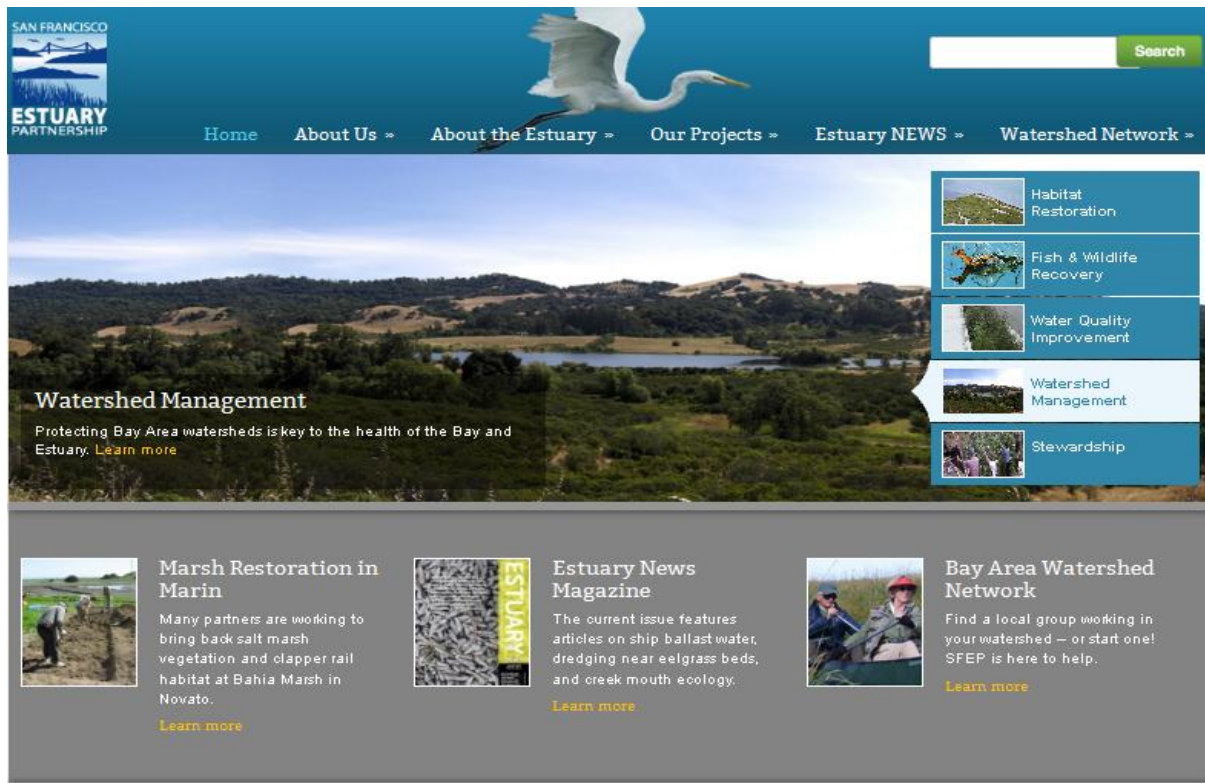
Stormwater Focus. Over the last quarter, Josh Bradt has brought the message of Green Infrastructure/Green Streets benefits to a variety of audiences. In August, Contra Costa County Supervisor John Gioia invited Josh to present to the County's Public Works Deputy Director, Flood Control & Water Conservation District Deputy Director, and other staff at his standing monthly meeting. In October, Josh presented to the Friends of Five Creeks, a long-standing volunteer stewardship group in the East Bay. Josh also gave presentations at two conferences: the first was at the Dry Creek Conservancy's annual Low Impact Development Conference (primary audience - engineers, elected officials, and developers); the other was at the American Public Works Association conference in Richmond (primary audience - public works engineers and maintenance staff).

Jennifer Krebs moderated a panel discussion at the CASQA Conference on November 7 in San Diego, focusing on developing integrated projects to promote Low Impact Development and improved stormwater. Her presentation included information on a recent survey by SFEP on SF Bay regional plans, policies, and ordinances distributed to all 101 cities and nine counties of the Bay Area. The survey results included 52 out of 100 cities. Survey respondents were asked to indicate which policies are in their General Plan (or city visioning document). Flood control and stormwater policies were most commonly reported. Other results included:

- 35 percent of cities surveyed had green streets or LID policies
- 90 percent had stormwater protection ordinances
- 29 percent had Green Streets ordinances
- 37 percent had sustainable development ordinances covering:
 - Recycled water irrigation
 - Green building

- Plastic bag ban
- Styrofoam ban
- Drought-tolerant landscaping

SFEP's New Website. SFEP has nearly completed construction of our new website, which should create a more exciting experience for site visitors and facilitate easier staff site maintenance. We will launch the site in a matter of days [maybe a week or so] and will send you all a link to the new site just as soon as it's up and running!



Restore America's Estuaries/Assoc. of National Estuary Program, Tampa, Florida. Caitlin Sweeney and I attended the biennial Restore America's Estuaries (RAE) conference in October along with nearly a thousand other national and international attendees. Big thanks to Caitlin for pulling together these information highlights from our three days at RAE:

"Blue Carbon" [One of the most promising new ideas to reduce atmospheric CO₂ and limit global climate change is to do so by conserving mangroves, seagrasses and salt marsh grasses. Such coastal vegetation, dubbed "blue carbon", sequesters carbon far more effectively (up to 100 times faster) and more permanently than terrestrial forests.]

- New emerging opportunities for developing "blue carbon" opportunities
- The Verified Carbon Standard Association (VCS) has developed a new project category (and requirements for) "Wetlands Restoration and Conservation," which includes measuring and crediting climate benefits from a broad range of wetlands. The new VCS wetland carbon credit registry will be very important. Staff from RAE (Steve Emmet-Mattox) and ESA PWA

(Steve Crooks) are leading way in developing an approved methodology for calculating credits.

VCS is a leader in the voluntary climate market. AB32's cap and trade program will mandate use of carbon credits resulting in new markets and new opportunities

- Potential way to get additional funding for restoration projects (perhaps for monitoring), but the additional cost to calculate credits needs to be considered

Funding/Policy

- The Clean Water State Revolving Fund funds are headed for chopping block. Not as much support for SRF in Congress lately – traditional SRF projects are finding alternative funding.
- Funding for restoration/conservation will depend on telling a story that includes jobs, economic benefits, and benefits to end-users (fishers, recreationalists, etc.)
- Issues around Congressionally directed funds are hindering funding of restoration projects, and hampering things like WRDA from getting passed.
- Focus on connecting with representatives in your area – as important as annual DC trips
- Possible sequestration bill on everyone's minds – will mean major cuts if it goes through.

Regulations, Climate Change, Property Rights

- Meg Caldwell (Stanford University Center for Ocean Solutions) argues that wetland carbon storage function could be argued to be a critical ecosystem service that could be included in cost/benefits analyses. Could help mitigate ocean acidification resulting from watershed-based impacts.
- FEMA Hazard Mitigation Assistance Program potential area for funding restoration (repetitive loss claims) – Sarah Newkirk, the Nature Conservancy

In recognition of the 25th anniversary of the National Estuary Program, Caitlin put together a presentation highlighting the major accomplishments of all 28 National Estuary Programs that was shown at the ANEP booth during the RAE conference.

International Bays Conference, Bodrum, Turkey. I represented the San Francisco Estuary, (the only US member of the organization) at a conference September 11-14 in the Turkish coastal city of Bodrum. At the conference, I made a presentation to the full assembly on how our region has planned for the America's Cup activities and the lessons learned from our experience. The presentation was very well received and exposure to the issues and opportunities in many other international bays was instructive.

Project Highlight: Flood Control 2.0

The Flood Control 2.0 Project [see the last Director's Report] was officially launched with a full team kick-off meeting on November 8th, where the overall goals and objectives of the project were discussed and each partners' role was explained. Specific project tasks are now underway,

including an analysis of the historical fluvial-intertidal interface on Bay Area streams and an analysis of Bay Area coarse sediment supply [SFEI]. Look for project details and progress online after the New Year. Questions? See Caitlin.

Project Highlight: Regional and State Wetland Protection Policies

Ben Livsey is assisting the San Francisco Bay Regional Water Board and the State Water Board in developing stream and wetland protection policies. We have been coordinating extensively with these two complementary policy efforts and have assisted the State Board in developing a draft Phase 1 Wetland Area Protection Policy (WAPP). The WAPP includes regulatory procedures modeled after the Clean Water Act (but reflecting the regulatory purview of the California Water Code) for the permitting of projects that impact streams and wetlands. The WAPP also includes a wetland definition (developed in consultation with SFEI) that covers a wider array of wetlands when compared to the federal wetland definition, which has been restricted by Supreme Court decisions. Wetlands and other waters protected in California include non-vegetated wetlands such as mudflats, desert playas, and some ephemeral stream channels. The expected outcome of the WAPP is a more uniform and predictable implementation of control actions for protecting wetlands from impacts and an improvement in the abundance, diversity, and condition of the state's aquatic resources.

There has been considerable interest in the WAPP from stakeholders. The attention and concerns raised by some interest groups has resulted in the reexamination of some policy elements and caused delays in releasing the WAPP for public review. The State Water Board is expecting to initiate the public comment and review period early next year.

Working in tandem with the statewide WAPP is the development of a Stream and Wetlands Systems Policy for our region and also for the North Coast Regional Water Quality Control Board. The Stream and Wetlands Systems Policy will use the statewide framework for wetland protection and focus on protecting and restoring the physical characteristics of stream and wetland systems (e.g., stream channel shape and slope, riparian shade cover, floodplain width, and flow regime) in order to protect beneficial uses. Once the public review process is complete for the State Water Board's WAPP, the Regional Water Boards will finalize the Policy and complete the public review and comment process. The sequential scheduling of these policy development efforts will increase their likelihood of success as we transition from policy development to public review and eventual Water Board adoption. Both of these policy efforts will result in a major advancement in the protection of stream, wetland, and riparian area resources in California and provide a wetland protection model for other states.

Project Highlight: The 7th Biennial Bay-Delta Science Conference

Just over a thousand scientists, policymakers, and others packed the Sacramento Convention Center in mid-October for the 7th Biennial Bay- Delta Science Conference (formerly the

CALFED Science Conference.) The three-day event, with the theme of “Ecosystem Reconciliation: Realities Facing the San Francisco Estuary,” featured 240 speakers, 150 poster exhibits, and the presentation of the Brown-Nichols Science Award to Wim Kimmerer (San Francisco State University Romberg Tiburon Center) and Jim Cloern (U.S. Geological Survey).

Several of the talks have been nicely summarized in the newest edition of *Estuary*. Please see the hard copy or our online version to read more about the conference.

Project Highlight: The Bay Area-wide Trash Capture Demonstration Project

SFEP’s trash project has expended about 90 percent of the “construction” funds in our \$5 million grant from the Clean Water State Revolving fund (stimulus funds, and state coastal nonpoint source bond funds). Due to losing a key vendor close to the original construction deadline of November 1, 2012, we have received an extension through February 2013. The remaining trash capture device vendors and municipalities are working hard to complete construction – and expend all funds -- by the new deadline. The device purchasing mechanism that staff worked out with ABAG will be available for all Bay Area municipalities to use for purchase of additional devices with their own funds through the new construction deadline, saving them significant local staff time.

A scope of work for the Proposition 84 Planning and Monitoring grant awarded to the Bay Area Stormwater Management Agencies Association (see the August 2012 Director’s Report) is in early development stages. SFEP’s portion of this grant (\$170,000) will expand the Bay Area Trash Tracker GIS tool (built by SFEI with trash project funds) to include trash hotspots, cleanup events, and cleanup results, as well as an eventual Trash Portal for the California Water Quality Monitoring Council’s My Water Quality sites.

Project Highlight: Invasive Species

Karen McDowell attended the recent Federal Aquatic Nuisance Species Task Force Meeting in Arlington, Virginia, as an Ex Officio member and as a Vice Chair of the Western Regional Panel on Aquatic Nuisance Species. The following key items were discussed at the meeting which serves to coordinate federal activities on Aquatic Invasive Species:

- **E-Commerce as a Vector:** A white paper was presented by the Invasive Species Advisory Committee, describing e-commerce as an important vector for invasive species: http://www.invasivespecies.gov/global/ISAC/ISAC_whitepapers.html.
- **eDNA Early Detection Tool:** Discussion of the use of eDNA as an early detection method were discussed. Although it can be a very useful tool, there are still significant complications since the test is so sensitive. This includes picking up detections due to contaminated equipment and from bird droppings (birds flying from one water body to another).

- **Prevention Guidelines:** Draft guidelines to prevent the spread of Aquatic Invasive Species through recreational activities and for water gardens were approved. Classroom guidelines were also reviewed, but not approved. The first 2 sets of guidelines will be posted in the Federal register for comment before they are finalized. A current draft of these guidelines is available on the ANSTF web site at the following link (scroll down to recreational guidelines): http://anstaskforce.gov/Meetings/2012_November/default.php.
- **Marine Tsunami Debris:** Finalized response protocols for biofouled debris and invasive species generated by the 2011 Japan tsunami were presented at the meeting. <http://anstaskforce.gov/Tsunami.html>
- **Invasive Mussel Legal and Regulatory Efforts:** The action plan to implement legal and regulatory efforts to minimize expansion of invasive mussels through watercraft movements in the western United States was presented to the ANSTF. The plan was created as an outcome of a workshop held on August 22–23, 2012. The purpose of the workshop was to engage Assistant Attorneys General, natural resource agency attorneys, law enforcement supervisors, policy makers, and the Aquatic Invasive Species (AIS) Coordinators from the 19 Western states, interstate organizations, and Federal partners to establish clear legal and regulatory approaches and opportunities for AIS abatement and reform. The action plan, white papers, and other documents related to this workshop are available at the following link: <http://seagrant.oregonstate.edu/invasive-species/2012-boat-mussels-law-workshop>.

November 21, 2012

MEMORANDUM TO: Implementation Committee

FROM: Judy Kelly, Director, SFEP

SUBJECT: SFEP STRATEGIC PLAN [SP] DISCUSSION NOTES

As you review this first discussion Draft please note that WE KEPT NEARLY ALL THE ORIGINAL OBJECTIVES from the 2010 – 2012 version and making only minor wording changes to clarify meaning. Therefore, instead of detailed discussion on the precise wording of the objectives, in our **discussion on November 28th, we are looking for input and ideas from you on known trends and NEW opportunities that** should be considered as aspirational Objectives for future, currently unfunded work for SFEP. Please also help us answer the question: What existing partner agency plan actions should be recognized as partial drivers in the Strategic Plan [example: EPA's new Action Plan for the Bay/Delta]. We look forward to your ideas and suggestions on how to strengthen the Strategic Plan. After our discussion, we will make further improvements and bring it back to the IC for discussion and support early next year.

Background:

As discussed at the IC meeting in August 2012, the current SFEP Strategic Plan term [2009 – 2012] is ending and the IC agreed that the Plan should be updated as appropriate. Also at that meeting, we discussed initial staff recommendations about revisions, got agreement on those and implemented:

We made minor edits, corrections, spelling, grammar etc. We took out detailed explanation of 2008 SP development process [out of date] and summarized that information instead. We also summarized the “strengths and opportunities of SFEP” section. The text in the first section was rearranged for better flow and understanding. We will update the list of IC members in the final version.

- 1) In **Objective Table** layout: deleted “**current** Work Plan Task” column and re-label to “current projects” otherwise it’s tied to *one annual work plan* and is out of date after completion of that particular year; added more descriptive information about what is actually underway in that objective; spelled out current project so that readers would have more specific information.
- 2) **Updated the shaded “proposed new initiatives”** objectives were switched to non-shaded rows if they are now actually part of the annual workplan. [Example: we unshaded *Objective 1.6* - new Watershed Program, we’ve gotten the funding to do this, hired staff, and are underway] .
- 3) **Kept Goal 1 and the four associated sub-Objectives** [but clarified the language in many of these sub-objectives] and eliminated “completed” objectives and **merged the remaining original objectives in Goals 2 and 3** [which related to administrative improvements within SFEP, and for which much has already been accomplished].

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

Goal: Focus CCMP Implementation Actions on Key Objectives

OBJECTIVE 1: SUPPORT ESTUARY RESILIENCE IN THE FACE OF CLIMATE CHANGE

Expand the toolbox of watershed protection measures needed under a changing climate regime and provide the necessary baseline information to adaptively manage the health of our waterways.

Restoring watersheds and wetlands to a health state is an essential part of the work that needs to be done to prepare the region for rising sea level and global warming. Therefore, creating new wetlands and improving existing wetlands and riparian corridors are key objectives of the Partnership's current efforts. Long-term viability of restored wetlands will depend in large part to the fate of Bay sediment and sand; accurate monitoring data and clear reporting of results will allow continued effective adaptive management of our changing landscapes.

Desired Results:

Short-term: Expanded watershed-level toolbox through input from watershed restoration experts at all levels of involvement; Multi-agency coordinated effort to establish necessary scientific research and monitoring,

Long-term: 1) highly functional restored and repaired watersheds and wetlands; Comprehensive body of scientific knowledge of predicted changes to the Bay and Estuary resulting from sea level change, global warming and other climate changes and 2) accepted strategies to protect our water resources.

OBJECTIVES	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 1.1 Support research and analysis into the effects of climate change on the ecology of the Estuary.	Corte Madera study [BCDC lead] South Bay Salt Ponds long-term habitat mapping Stream Design Curves (for improved restoration) Ora Loma Project (prospective)	Increase in public's and elected officials' understanding of regional climate impacts Increase in local and regional adaptation measures and action being taken to address defined climate change impacts	Facilitate funding; Direct funding; Staff support; Grant administration services; Public education efforts	Science partners lead effort Support science analysis and integration; Lead and support regional work on policy development	

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVES	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
<p>Objective 1.2 Support riparian and fluvial/tidal restoration projects to Increase resilience and adaptive capacity of watersheds</p> <p>Implement climate adaptation strategies that provide multiple benefits including flood protection and improved habitat</p>	<p>Flood Control 2.0</p> <p>Creek Mouth Assessment Tool</p> <p>JPC¹ Regional Sea Level Rise Adaptation Strategy</p> <p>Flood Infrastructure Mapping</p>	<p>SFEP-supported models for regional adaptation techniques adapted throughout the region</p>	<p>Staffing the JPC</p> <p>Analysis and reporting</p> <p>Grant administration</p>	<p>BCDC/SFEI Head of Tide Project</p> <p>JPC</p>	
<p>Objective 1.3 Support sediment/sand research studies to improve understanding of sediment/sand supply, fate, transport and associated contaminants</p> <p>Develop and promote appropriate sand management policies to preserve and enhance habitat health and resilience</p>	<p>Flood Control 2.0: Fluvial-intertidal interface research and project design/development for three specific creek mouth areas</p>	<p>Report on results of sediment studies and effect on policies</p>	<p>Staff support</p> <p>Grant administration</p> <p>Outreach</p>	<p>Lead and support regional work</p> <p>BCDC regional sediment management planning</p> <p>Joint Venture sediment database</p>	<p>AR-8.1</p> <p>AR-8.2</p> <p>DW-1.1, 1.2, 1.3, 2.2</p>
<p>Objective 1.4 Assist development of Coastal Regional Sediment Management Plan for S.F. Littoral Cell to encourage sustainable solutions to coastal erosion issues in plan area. Work with ABAG to adopt the plan</p>	<p>Coastal Regional Sediment Management Plan for S.F. Littoral Cell</p>	<p>Completed CRSMP plan, development of sustainable and/or regional projects in plan area.</p>	<p>Staffing CRSMP</p> <p>Public outreach</p> <p>Develop governance structure for regional sediment management work</p> <p>Identify funding mechanisms</p>	<p>Plan development</p> <ul style="list-style-type: none"> • U.S. Army Corps of Engineers • Municipalities in plan area. 	<p>DW-4.3</p>

¹ Joint Policy Council of ABAG, BCDC, the Bay Area Air Quality Management District, and the Metropolitan Transportation Commission

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVES	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 1.5 Support research and improve monitoring and tracking of restoration projects	Integration of improved metrics into regional monitoring and tracking reports	Facilitate funding; Staff support; Grant administration services	San Francisco Bay Joint Venture (SFBJV) SFEI (Wetland Tracker) Science partners lead effort	Support work of SFBJV	WT-5.1 WT-5.2 WT-5.3
Objective 1.6 Refine existing and create new meaningful environmental indicators to measure and report on the health of the estuary	Better understanding of the state of the estuary and its resources; improved decision-making based on better data	Completed indicators for 2015 State of the Estuary Report New and revised SOE indicators/ Revisions for 2015 report	Facilitate funding Direct funding Staff support Grant administration Publish State of the Bay report in 2015	Science and agency partners participate in development of report under grant or contract	RM-1.2 WT-5.1 WT-5.2 WT-5.3
Objective 1.7 Develop and implement methodology for measuring and crediting climate benefits from wetland restoration projects Assist partners in participating in a carbon market for restoration projects	n/a	Bay Area wetlands restoration projects successfully calculating and selling carbon credits	Support research, facilitate partner participation, disseminate information	Lead and support regional work	n/a

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVE 2

PROMOTE INTEGRATED WATERSHED STEWARDSHIP: Increase the health and resilience of watersheds and increase active partnerships in the region to improve water quality and increase habitat, and enhance overall watershed health.

Desired Results:

Short-term: Successful integration of restoration, flood management, land use, and other actions within Bay Area watersheds; increased capacity of agencies and local watershed groups

Long-term: Demonstrated improvement of watershed health as evidenced by improved water quality; improved wildlife, fisheries, and other aquatic populations.

Objectives	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 2.1 Build, promote, and support coordinated community-based approaches to watershed protection, restoration, and stewardship	SFEP Watershed Program <ul style="list-style-type: none"> Bay Area Watershed Network Coordination/Website Small Grants Program 	Increased capacity of watershed groups to participate in regional and local restoration efforts	Staff support Provide direct fund Public education efforts Tech transfer	Direct funding and additional support as appropriate for each entity	LU-2.6 LU-3.1,3.2
Objective 2.2 Implement and support wetland, riparian, and stream corridor restoration and/or enhancement projects around the Estuary	Chelsea Wetlands Restoration Bahia Wetland Restoration Yosemite Slough Restoration Supplemental Environmental Projects Re-Oaking Stanley Reach “Students & Teachers Restoring a Watershed” – STRAW project Stonybrook Creek Restoration (Alameda Cr. Tributary) Staff the San Francisco Bay Restoration Authority	Increase in number of restored wetland acres, tidal marsh acres, stream corridor miles	Facilitate funding; Provide public outreach or support outreach efforts; Grant administration services	Lead the work under a contract or grant	AR-4.8,4.9 AR-4.11 AR-4-12 AR-6.6 DW-4.1 DW-5.3 PO-4.3 WL-1.1 WL-1.3, 1.4,1.5 WL-2.2 WT-1.2, 1.3,1.4, 1.5 WT-3.1, WT-3.2 WT-4.1

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

Objectives	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 2.3 Assist development and implementation of regional goals projects and management plans (i.e., Habitat Goals update, Subtidal Habitat Goals, Upland Habitat Goals, Regional Sediment Plans)	Revised Baylands Habitat Goals report	Implementation of the goals	Supporting partners Public education	Coastal Conservancy leads the work on Baylands and Subtidal Goals Bay Area Open Space Council leads on upland goals	AR-7.1 AR-8.1 AR-8.2 LU-3.2
Objective 2.4 Assist the State and Regional Water Boards in developing and adopting new stream and wetlands protection policies that protect natural watershed functions	Staff support of Regional and State Board for policy development	Passage of Bay Plan amendments Establishment of State Board policy	Facilitate funding Staff support Grant administration Public education	SWRCB and RWQCB lead policy/adoption efforts	LU-2.7
Objective 2.5 Support implementation of California Aquatic Invasive Species Management Plan, support regional and national Task Forces	Staff support for regional and national efforts Invasive Spartina project	Reduction in numbers of invasive species; rapid response to new invasions; policies and BMPs developed and implemented.	Staff support Direct funding Grant administration Public education efforts	Coordinate with the CCC and SF Bay Joint Venture, DFG, State Lands Commission, Boating and Waterways, USFWS	AR-2.1 AR-2.2 AR-2.3 WL-3.1 WT-4.2
Objective 2.6 Support and promote new methods of water use conservation within the estuary watershed	Fish Friendly Farming frost control measures in Napa and Sonoma counties Southern Sonoma Resource Conservation District's outreach to landowners re: water reuse	Increased instream flow in creeks and rivers within region	Facilitate funding Grant administration Promote new methods through public education	Conduct research, analysis	WU-2.1 WU-2.2

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

Objectives	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 2.7 Support flow studies and projects to restore adequate flows in Bay tributary streams for aquatic resources, to provide pollution prevention, and other beneficial uses	Focus of ABAG/SFEP outreach efforts ABAG resolution Science support [NRDC] State of the Bay report fish and flows analyses	Adopted regulatory measures that better protect beneficial uses of the Estuary Positive biological response to improved freshwater flows into the Estuary	Facilitate funding Provide direct funds Staff support Grant administration services	Additional support, lead on data collection and analysis, and advocacy with agencies	AR-6.6
Objective 2.8 Increase watershed management capacity of local governments	Partially complete: Local government survey, model ordinances, watershed plan development assistance				

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

Objective 3

PROMOTE WATER QUALITY IMPROVEMENTS AND PROTECTIONS: Assist with TMDL implementation throughout the region. Expand the region's network of "green infrastructure" projects to improve water quality while providing wildlife habitat and opportunities for outdoor recreation. Green infrastructure practices range from large scale preservation/restoration of the natural landscape to site specific Low Impact Development features such as rain gardens, porous pavements, green roofs, infiltration planters, trees and tree boxes, and rainwater harvesting.

Desired Results:

Short-term: Establish and maintain successful partnerships among land use and stormwater interests, water quality regulators, and local watershed stewards.

Long-term: Effective cooperation between water quality regulators, land use decision-makers, pollution prevention partners, and local watershed activists in reducing overall non-point source pollution in the Bay and estuary.

OBJECTIVES	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 3.1 Assist in implementing and tracking Bay Area Urban Creeks Diazinon and Pesticide Toxicity TMDL through projects that reduce pesticide use. Urban Pesticide Pollution Prevention Project (UP3 Project) goals to reduce pesticide use	Got Ants pesticide reduction project Greener Pesticides for Cleaner Waterways project	Reduction of pollutants as measured by regional monitoring programs; reductions tracked on SFEP website	Facilitate funding Provide direct funds Staff support Grant administration	Federal, state, regional, and local agencies participate and support	PO-1.6
Objective 3.2 Assist local agencies with TMDL compliance projects that treat and decrease stormwater pollution	North Bay TMDL Implementation Projects in Marin, Napa, and Sonoma Counties Projects that implement the Urban Creeks/Diazinon Pesticide Toxicity TMDL Projects that implement the Guadalupe River Watershed TMDL	Stronger implementation of green stormwater BMPs across the region	Facilitate funding; Staff support; Grant administration services	Local and regional agencies lead with projects, policy and BMP implementation	LU-1.1 LU-1.1.1 LU-1.5, 1.6 PO-1.2 PO-2.4, 2.5

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVES	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 3.3 Remediate legacy pollutants such as mercury, selenium, and other pollutants from sources such as contaminated mine sites.	Guadalupe Mercury reduction projects Contra Costa Project (Design Divert etc.)	Reduction of pollutants of concern, attainment of TMDLs	Facilitate funding Direct funding Staff support Grant administration	Lead regulatory efforts	PO-1.5 PO-1.6 PO-2.3 PO-2.7 PO-3.1 PO-3.2
Objective 3.4 Foster integrated programs for pollution prevention such as IPM, Bay Friendly Landscaping, Environmental preferential purchasing, etc.	Got Ants Greener Pesticides	Reduction of pollutants as measured in regional monitoring programs	Facilitate funding Staff support Grant administration	Direct support	AR-2.1,2.2, 2.3 PO-1.4.1, 1.4.2 PO-1.7.1, 1.7.2 WT-4.2 PI-2.2 PI-2.4,2.5
Objective 3.5 Prevent trash from polluting waters of the Estuary by supporting municipal pollution prevention efforts. Develop trash flux measurement, BMP evaluation tools	Bay Area-wide Trash Capture Demonstration Project Prop 84 "Taking Out the Bay Area's Trash" (Bay Area Stormwater Management Agencies Association)	Installation of full trash capture devices in many Bay Area municipalities	Manage SFEP trash project Project planning, implementation of Prop 84 projects Facilitate municipal funding Grant administration Public education efforts	Local and regional agencies lead with projects, policy and BMP implementation BASMAA leads on Prop 84 project	AR-9.1 AR-9.2 PO-1.8
Objective 3.6 Implement local green stormwater projects to treat and decrease stormwater runoff in Bay cities including cisterns, rain gardens, bio-swales and other green infrastructure	San Pablo Stormwater spine project (7 cities) Fremont tree wells project Campbell Hacienda Street Improvements Complete Newcomb Ave (SF)	Increased number of Bay Area communities implementing green stormwater BMPs	Management of San Pablo Spine Project Facilitate funding Staff support Grant administration	Local and regional agencies lead with projects, policy and BMP implementation	LU-1.5 LU-1.6 LU-2.2

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVES	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 3.7 Ensure a regional approach to pollution prevention from regional boaters through education, outreach to boaters and marina operators, pumpout network monitoring and implementation of new program elements to increase the effectiveness of these efforts	Boater Outreach and Education Program Clean Boating Videos	Increased boater participation and public understanding of how pollutant discharge affects the San Francisco Bay Estuary.	Development and implementation of project elements.	Dept. of Boating and Waterways to direct funding and project guidance	
Objective 3.8 Collaborate with the Region's Sustainable Communities Strategy to integrate water use efficiency and good stormwater planning into the Strategy as well as local planning efforts	SFEP participation with ABAG in SCS development	Adopted strategy reflective of SFEP goals	Continued participation	ABAG and MTC are leads for SCS	LU-2.2
Objective 3.9 Promote green infrastructure projects throughout the Bay Area: <ul style="list-style-type: none"> • Develop tools for local governments to site and design green infrastructure projects • Promote compliance with the LID requirements in the Municipal Regional Stormwater Permit • Educate planners, public works departments, and builders on sustainable design and building practices, and stormwater BMPs. 	Green Infrastructure Master Planning Project (Prop 84)		Manage project Facilitate and support the LID Leadership Group	LID Leadership Group (local government representatives) provides oversight and advice	

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVE 4

CHAMPION FOR THE ESTUARY: *SFEP provides up-to-date information on the ecology of the estuary and important protection/restoration initiatives. Through conferences, workshops, websites, and the print media, SFEP is a source that local decision-makers and the general public can count on for information to make estuary-friendly decisions.*

Desired Results:

Long-term: 1) Proven increased level of awareness about Bay health and restoration among Bay Area residents. 2) Proven success in increasing national, state, and local support for the Partnership through ongoing funding support and legislation.

Short-term: 1) Successful support from local leaders for the new Restoration Authority and for federal and state funding opportunities. 2) Successful support of local environmental education and outreach in select bay watersheds.

OBJECTIVE	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 4.1 Promote public involvement in Estuary protection and restoration through improved web-based information.	Website revision Use of social media and wiki links	Increased use of SFEP's website	Provide direct funds Staff support	Contribute ideas and advise priorities	PI-1.1 PI-1.4 PI-1.5 PI-1.6 PI-2.2 PI-4.2 LU-4.1
Objective 4.2 Educate the estuary community through the biennial State of the Estuary conference	Planning for 2015 SOE conference	Maintain or increase conference attendance	Facilitate funding Provide direct funds Staff support	Contribute ideas and advise priorities; Direct funding	PI-2.6 LU-4.1
Objective 4.3 Compile and publish the State of the Bay 2015 report	Support the science behind the 2015 State of the Bay Report Publish report	Increased hits to SOE section of SFEP website after the conference	Write and design report	Review and comment	

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVE	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 4.4 Support partner-sponsored science conferences and workshops critical to improving knowledge about estuary health	Manage the Bay-Delta Science conference Support Interagency Ecological Program Annual Meeting	Continue to receive highly positive evaluations of conferences and events	Direct funding Staff support	Contribute ideas and advise re: priorities	PI-2.2 PI-4.2 LU-4.1
Objective 4.5 Develop long-term educational programs to prevent water pollution, such as boater education on sewage disposal; invasive species; trash pollution	Boating Outreach and Education program Active staff support of regional & national invasive species work	Increased public understanding of how actions affect the Estuary	Facilitate funding Provide direct funds Staff support	Contribute ideas and advise priorities Direct funding	PI-2.2 PI-2.4 PI-2.5 WU-1.3 LU-4.1
Objective 4.6 Change public behavior re: water quality protection through social marketing strategies/mechanisms	Bay Protection and Behavior Change (BPBC) campaign/regional brand development Got Ants Greener Pesticides for Cleaner Waterways	Development of new regional brand for outreach campaigns Pollution prevention campaigns launched regionally	Manage BPBC Coordinate participating agencies Direct funding Funding administration	Stormwater and wastewater agencies: participate in campaigns	PI-2.2 PI-2.5
Objective 4.7 Continue and expand publication/distribution of <i>ESTUARY</i> newsletter	Redesign newsletter Push to enhance readership/ hard copy and online	Increase in public support for protecting and enhancing estuary services and values; Increase in shared knowledge and vision for needs of the estuary	Provide direct funds; Staff support	Contribute ideas and advise priorities Direct funding	LU-4.1

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

OBJECTIVE	Projects	Indicators of Success	SFEP Role	Partner Role	CCMP Actions
Objective 4.8 Support student involvement in restoration projects	Student-focused outreach for participation in the SOE and Bay-Delta Science Conferences Yosemite Slough restoration (Literacy for Environmental Justice) STRAW Program Southern Sonoma RCD – TMDL Implementation	Increased number of student and/or teachers involved in projects.	Funding Grant oversight	Carry out restoration activities and directly engage students	
Objective 4.9 Prepare a Communications campaign that develops and promotes core messages of the SFEP.	Carryover		Provide direct funds; Staff support	Contribute ideas and advise priorities	PI-1.1,1.4

DISCUSSION DRAFT 2013-2017 SFEP STRATEGIC PLAN TABLES

GOALS, OBJECTIVES & PROJECTS

Goal: Continue to Improve Management of the Partnership; Diversify Funding Sources

Desired results:

Long-term: Appropriate organizational growth and change to fulfill SFEP niche as a leading NEP and advocate for the San Francisco Bay and Estuary.

Short-term: 1) Adequate clarity about decision-making and priority setting. 2) Adequate staffing capacity to carry out the strategic goals. 3) Continue to diversify the funding support for SFEP planning and implementation efforts.

OBJECTIVE	Projects	Indicators of Success
OBJECTIVE 5 Strengthen science input into Partnership decisionmaking and annual workplans.		SFEP projects and program more strongly reflect the current state of research on CCMP issues
OBJECTIVE 6 Continue to improve SFEP staffing expertise and capacity in order to carry out priority actions.	SFEI/SFEP interagency personnel partnerships	Improved capacity of SFEP staff to address priorities
OBJECTIVE 7 Continue to diversify funding sources to strengthen SFEP's capacity to implement projects		Increased implementation of SFEP priority actions
OBJECTIVE 8 Expand collaboration with municipalities, counties, and special districts on projects of common interest.		Faster implementation of SFEP priority actions
OBJECTIVE 9 Plan for and accomplish a revision of the CCMP to streamline the document, integrate new science and policy issues, and strengthen accountability for Plan actions	CCMP update	Revised Comprehensive Plan that is current and provides milestones, measureable results and timelines

**San Francisco Estuary Partnership
Implementation Committee Meeting**

November 28, 2012

Elihu M. Harris State Building

Oakland, California

DRAFT MEETING SUMMARY

1. Introductions

Tom Mumley, Chair of the Implementation Committee, called the meeting to order at 9:40 am.

An item on the San Francisco Bay Fish Project, a collaboration of SFEI and DPH, was added to the agenda as new item 4 and Tivo Rojas-Cheatham, Communications Director for the California Dept. of Public Health was introduced. Round table introductions followed. It was noted that a quorum for IC is members present.

The Meeting Summary from August 22 inadvertently omitted from posted package was distributed. Amy Hutzler moved approval; Rainer Hoenicke seconded; summary approved.

2. Public Comments: no public comments.

3. Director's Report – Highlights from Judy Kelly

- Adrien Baudrimont will continue as a shared employee with SFEI for the next year continuing work on creek mouth project; Head of Tides project; flood infrastructure mapping; and State of the Estuary Report indicators update.
- Travel highlights- Judy made a trip to Bodrum, Turkey for the International Bays conference and presented on regional planning for SF Bay's America's Cup race. Caitlin Sweeney and Judy traveled to Tampa for the Fall National Estuary Program meeting and the biennial Restore America's Estuaries conference.
- One exciting idea picked up from RAE conference (blue carbon) is now part of SFEP proposed Strategic Plan update as a new work effort for SFEP.

4. The Fish Project - Tivo Rojas-Cheatham

- This 2.5 year project stems from Water Board regulatory action on NPDES permit holders to fund effort to reduce exposure to anglers from fish in the Bay.
- Designed to educate under-represented groups and raise awareness of fish contamination.
- A number of products (brochures, signs) were developed and distributed to local county health departments. Signs up at 61 sites in 6 counties. Problems with participation from Marin, Sonoma, Napa counties.

5. Funding Update-Marc Holmes

- The Bay Institute has been working for a number of years on federal legislation to make San Francisco Bay an EPA geographic program (similar to Chesapeake Bay and the Great Lakes). This requires separate authorization by Congress under the Clean Water Act.
- The region needs substantial funding for wetland restoration and this designation would provide opportunity for additional funding for all water quality programs.

- The Sen. Feinstein and Rep. Speier bills have proposed geographic designation and may be included in an end of the year omnibus water bill. Last year's effort did not pass.
- Luisa Valiela stated EPA expects an allocation for the San Francisco Bay Improvement Fund in the upcoming budget but fiscal issues remain unsettled. If allocated, Region 9 is aiming for a February 2013 RFP.

6. SFEP Activities

Strategic Plan Update

- Judy noted Draft Strategic Plan Update was included in meeting packet and wants IC input on how well update reflects agency concerns for SF Estuary related to SFEP.
- The Strategic Plan focuses on what we need to do; is not a catalog of what has been done.
- A lively session of member comments followed that was documented by Judy and Athena (see separate Discussion Summary notes).
- Next Step: Judy will send updated Strategic Plan with changes based on input received at meeting to members with a date for response so that next meeting can consider adoption.
- There was discussion on Objective 9, the CCMP Update—the goal for this objective is to create a more strategic, focused, plan.

State of the Estuary Conference-2013

- Karen McDowell announced dates are set for two day 2013 SOE, October 29-30, at the Oakland Marriott Hotel.
- Karen is beginning to form a Steering Committee for the conference and invited IC members who wish to participate to contact her.
- First Steering Committee meeting is scheduled for December 7.
- Karen asked for information on potential excellent Key Note speakers.

7. Partner Programs

- Tom Mumley noted Barbara Kondylis was retiring as a Solano County supervisor after 20 years and the IC gave her a round of applause to recognize her service and devotion to environmental issues. She was encouraged to continue to attend IC meetings.
- Caitlin Sweeney gave a presentation on work of the Joint Policy Committee [BCDC, ABAG, MTC and the Air District] and the Committee's *Regional Sea Level Rise Adaptation Strategy* that is now underway, being led by staff from BCDC and ABAG.
- Wendy Goodfriend of BCDC gave a complementary presentation on the Adapting to Rising Tides (ART) project which focuses on the Alameda County shoreline. The effort is summarized below: [also see www.adaptingtorisingtides.org/project-overview/]:

The Adapting to Rising Tides project is a collaborative planning effort that addresses two questions:

- *How will climate change impacts of sea level rise and storm events affect the future of Bay Area communities, infrastructure, ecosystems and economy?*
- *What strategies can we pursue, both locally and regionally, to reduce and manage these risks?*

The project area is a portion of the Alameda County shoreline, from Emeryville to Union City. This subregion was selected based on local community and stakeholder interest and

capacity for participation, its diverse shoreline features, and presence of regionally significant transportation infrastructure. The first phase of the planning process involved convening a Subregional Working Group of staff from local, county, regional, state and federal agencies that work in the subregion, as well as some private interests with investments in the study area. This group helped the Project Management Team define project goals and objectives, develop communications strategies, and identify important assets [12 categories such as airports, transportation lines, parks etc.] along their shoreline.

The second phase was the assessment of the subregion's vulnerability and risk. Climate impacts associated with sea level rise and changes in storm events were characterized within the twelve asset categories. Project consultants did a shoreline analysis of sea level rise and storm event flooding. The vulnerability of the assets, based on their exposure and sensitivity to impacts and capacity to adapt to changes, was assessed. Risks within each asset category were evaluated. The final phase of the ART Project uses this vulnerability and risk assessment as a foundation for identifying and evaluating possible adaptation strategies to improve the subregion's resilience to climate impacts

8. Concluding Business

- Judy presented a draft of the 2013 IC Meeting schedule and was approved by the IC. Dates for 2013 are Wednesday March 6th, May 22nd, August 28th and November 20th.
- The "Road map" for future meetings was presented and feedback requested.
- Possible items suggested for future meetings include:
 - Strategic Plan Revision and Approval
 - SFEP 2015 Work Plan
 - TBI –Marsh Restoration Economic and Ecological Study
 - Final Delta Plan
 - IRWMP Update
 - New BCDC Executive Director Introduction
 - CCMP Update Process Overview

9. Announcements

Next meeting Amy Hutzell will take over as IC Chair and Tom Mumley becomes Vice Chair.

10. Adjourn

The meeting was adjourned at 12:35 pm. **The next meeting is MARCH 6, 2013.**

SFEP IC Meeting Attendees

Jessica Davenport	Delta Stewardship Council
Wendy Goodfriend (part)	BCDC
Rainer Hoenicke	SFEI
Marc Holmes	The Bay Institute
Amy Hutzell	Coastal Conservancy
John Klochak	US Fish & Wildlife Service
Barbara Kondylis	Solano County/ABAG
Jane Lavell	SF PUC
Peter LaCivita	US Army COE
Jessica Martini	Sonoma County Water Agency
Tom Mumley	San Francisco Bay Water Board
Tivo Rojas-Cheatham (part)	DPH

Barbara Salzman
Harry Seraydarian
Korie Schaeffer
Luisa Valiela
Alex Westhoff

Marin Audubon
North Bay Watershed Association
NOAA Fisheries
US EPA
Delta Protection Commission

SFEP Staff

Judy Kelly
Adrien Baudrimont
Josh Bradt
Athena Honore
Jennifer Krebs
Karen McDowell
Jesse Mills
James Muller
Caitlin Sweeney
Paula Trigueros