

SAN FRANCISCO ESTUARY PARTNERSHIP

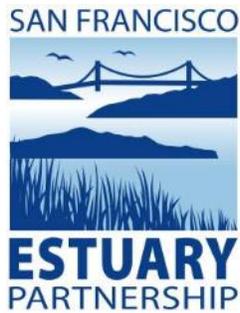
Implementation Committee Meeting

Wednesday, August 27, 2014, 9:30 a.m. – 12:30 p.m.

1515 Clay Street, 2nd Floor, Room 10, Oakland, CA

AGENDA

- | | | |
|-------|---|----------------------|
| 9:30 | 1. Welcome and Introductions | Amy Hutzal, Chair |
| 9:40 | 2. Public Comments
Any member of the public may address the IC on any matter regarding implementation of the Comprehensive Conservation and Management Plan. Each speaker will be limited to three minutes. | |
| 9:45 | 3. Director's Report (<i>Attachment 1</i>) | Judy Kelly, Director |
| | 4. Action Items | Chair |
| 10:00 | Approve May 21, 2014 Meeting Summary (<i>Attachment 2</i>) | |
| | 5. Reports on SFEP Activities | |
| | SFEP Small and Micro Grant Awards: completed projects | Adrien Baudrimont |
| | CCMP Revision: status update | Caitlin Sweeney |
| | Bay Restoration Authority: ballot initiative update | Amy Hutzal |
| 11:00 | <i>Break</i> | |
| | 6. Highlighting IC Partner Efforts | |
| 11:15 | Horizontal levee at Oro Loma Sanitary District | Jeremy Lowe, ESA |
| 11:45 | The future of beneficial reuse of sediment | Brenda Goeden, BCDC |
| | 7. Concluding Business | |
| 12:20 | Review Road Map; add agenda items for future meetings (<i>Attachment 3</i>) | Chair, Judy Kelly |
| 12:25 | Announcements | |
| 12:30 | Adjourn | |



DIRECTOR'S REPORT

August 27, 2014

SFEP Program Management

Final 2014-5 Work Plan

The IC tentatively approved the 2014/15 SFEP US EPA Work Plan at the May 21st meeting. Staff incorporated all the changes suggested at the May 21 IC meeting [please see Page 2 of Attachment 2 for details about changed made at IC direction] into the Work Plan prior to submittal to EPA in early June. The revised Work Plan is available at <http://www.sfestuary.org/about-us/implementation-committee>.

Recall that tentative approval was required so that SFEP could meet EPA's submittal deadline while also complying with IC Operating Procedures which call for all significant votes by the IC to be heard at a first meeting and approved at a second meeting. We will ask for final approval of the Work Plan at on the 27th.

Staff Changes

Jesse Mills is going to part-time status (three days a week).

Water Bond

A summary of the water bond is provided in a memo from ACWA following this Director's Report.

Funding Applications

We put in applications for several funding opportunities:

1. *IRWMP Round 3*, which had a short application period for projects focusing on drought relief. We coordinated with the Bay Area IRWMP representatives to put together an application based on the projects that best met the application criteria, called the Bay Area Drought Relief Program, or Bay DRP. Horizon Water and Environment assisted with developing the application, as they did for Round 2. We submitted the application in July, with 12 projects, including our own Grant Administration. Project details are shown below.



Primary Project Benefit	Project ID#	Project Proponent	Project Title
Water Supply Enhancement	1	San Francisco Public Utilities Commission (SFPUC)	Lower Cherry Aqueduct Emergency Rehabilitation Project
	2	Santa Clara Valley Water District (SCVWD)	Rinconada Water Treatment Plant Powdered Activated Carbon (PAC) Treatment
	3	Zone 7 Water Agency (Zone 7)	Zone 7 Water Supply Drought Preparedness Project
Recycled Water	4	Napa Sanitation District	Los Carneros Water District and Milliken-Sarco-Tulocay Recycled Water Pipelines
	5	SCVWD and City of Sunnyvale	Sunnyvale Continuous Recycled Water Production Facilities and Wolfe Road Pipeline
	6	DERWA*	DERWA Phase 3 Recycled Water Expansion Project
	7	City of Calistoga	Calistoga Recycled Water Storage Facility
Human Right to Water	8	San Mateo County Resource Conservation District	Drought Relief for South Coast San Mateo County
	9	Stinson Beach County Water District	Stinson Beach Water Supply & Drought Preparedness Plan
Drought Preparedness	10	StopWaste**	Bay Area Regional Drought Relief Conservation Program
	11	Marin Municipal Water District (MMWD)	WaterSMART Irrigation with AMI/AMR
Administration	12	Association of Bay Area Governments (ABAG)/ San Francisco Estuary Partnership (SFEP)	Grant Administration

Individual Project Title	Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)	Cost Share: Other State Funding Sources	Total Cost
Lower Cherry Aqueduct Emergency Rehabilitation Project	\$3,000,000	\$15,102,790	\$0	\$18,102,790
Rinconada Water Treatment Plant Powdered Activated Carbon (PAC) Treatment	\$800,000	\$306,221	\$0	\$1,106,221
Zone 7 Water Supply Drought Preparedness Project	\$3,000,000	\$4,290,000	\$0	\$7,290,000
Los Carneros Water District and Milliken-Sarco-Tulocay Recycled Water Pipelines	\$4,000,000	\$4,300,000	\$24,595,886	\$32,895,886
Sunnyvale Continuous Recycled Water Production Facilities and Wolfe Road Pipeline	\$4,000,000	\$16,728,910	\$0	\$20,728,910
DERWA Phase 3 Recycled Water Expansion Project	\$4,000,000	\$6,022,662	\$0	\$10,022,662
Calistoga Recycled Water Storage Facility	\$750,000	\$406,156	\$0	\$1,156,156
Drought Relief for South Coast San Mateo County	\$3,872,000	\$1,023,667	\$0	\$4,895,667
Stinson Beach Water Supply & Drought Preparedness Plan	\$937,452	\$312,500	\$0	\$1,249,952
Bay Area Regional Drought Relief and Water Conservation Project	\$5,993,971	\$4,899,015	\$0	\$10,892,986
WaterSMART Irrigation with AMI/AMR	\$975,000	\$325,000	\$0	\$1,300,000
Grant Administration	\$1,650,000	\$0	\$0	\$1,650,000
Proposal Total	\$32,978,423	\$53,716,921	\$24,595,886	\$111,291,230

2. *San Francisco Bay Water Quality Improvement Fund* Two of our concept proposals were called back, and we submitted full proposals in July:

- *Urban Greening Bay Area* seeks to re-envision Bay Area urban landscapes to address stormwater quality challenges. The project builds regional capacity for Green Infrastructure (GI)/Low Impact Development (LID) implementation by developing watershed-scale GI plans; convening stakeholders to develop a regional concept plan for integrating GI into future regional climate change and transportation investments; developing designs for integrating GI into active transportation projects for typical roadway scenarios; constructing high-impact GI projects; and creating a GI tracking tool to document local and regional progress toward achieving water quality goals. Amount of grant request: \$1,680,559. Local match/leverage: \$2,070,000.
- *Water Quality Objectives Attainment in Suisun Marsh: Field and Modeling Assessment of BMPs on Impaired Sloughs to Support DO and MeHg TMDL Implementation* seeks to test managed wetland BMPs identified previously, test alternate uses of FSSD treated wastewater discharges to managed wetlands along Boynton and Peytonia sloughs; test maintenance of existing DWR water management facilities connected to Goodyear Slough, and conduct outreach promoting long-term actions that support the TMDL. Amount of grant request: \$1,688,496 with a match of \$ 1,688,500.

3. *State Revolving Fund (SRF)*: SFEP has an application in to the State Water Board for a forgivable loan from the State Revolving Fund (SRF) to support updates of our key planning documents, the State of the Estuary Report, the CCMP Update, and the State of Bay-Delta Science. Amount of

request: \$1,000,000 with match of \$333,333. Our current focus is on securing final guidance from EPA regarding forgivable loans.

Funding Awards

IRWMP Round 2: We were awarded funds for Round 2 of IRWMP in February and executed the master agreement with DWR in July. The award was for \$20,000,000 for 20 projects, including ABAG grant administration (see tables below for project and funding details). We are currently working on establishing sub-agreements with each Local Project Sponsor. The project extends until the end of 2018.

Project	Local Project Sponsor	Grant Amount
Bay Area Regional Conservation and Education Program	Zone 7 Water Agency	\$2,700,000
East Bayshore Recycled Water Project Phase 1A (Emeryville)	East Bay Municipal Utilities District	\$1,000,000
Lagunitas Creek Watershed Sediment Reduction and Management Project	Marin Municipal Utilities District	\$720,000
Marin/Sonoma Conserving Our Watersheds: Agricultural BMP Projects	Marin Resource Conservation District	\$600,000
Napa Milliken Creek Flood Damage Reduction and Fish Passage Barrier Removal	Napa County	\$500,000
North Bay Water Reuse Program – Sonoma Valley CSD 5th Street East/McGill Road Recycled Water Project	Sonoma Valley County Sanitation District	\$1,020,000
Oakland Sausal Creek Restoration Project	City of Oakland	\$500,000
Pescadero Water Supply and Sustainability Project	San Mateo County	\$700,000
Petaluma Flood Reduction, Water & Habitat Quality, and Recreation Project for Capri Creek	City of Petaluma	\$825,000
Redwood City Bayfront Canal and Atherton Channel Flood Improvement and Habitat Restoration Project	City of Redwood City	\$1,135,000
Regional Groundwater Storage and Recovery Project Phase 1A – South Westside Basin, Northern San Mateo County	San Francisco Public Utilities Commission (SFPUC)	\$1,400,000
Richmond Breuner Marsh Restoration Project	East Bay Regional Park District	\$750,000
Roseview Heights Infrastructure Upgrades for Water Supply and Quality Improvement, Santa Clara County	Roseview Heights Mutual Water Company	\$500,000
San Francisco Bay Climate Change Pilot Projects Combining Ecosystem Adaptation, Flood Risk Management and Wastewater Effluent Polishing	Association of Bay Area Governments	\$2,100,000
San Francisco International Airport Reclaimed Water Facility	City and County of San Francisco – Airport Commission	\$750,000
San José Green Streets & Alleys Demonstration Projects	City of San José	\$2,000,000

San Pablo Rheem Creek Wetlands Restoration Project	Contra Costa Water District	\$750,000
St. Helena Upper York Creek Dam Removal and Ecosystem Restoration Project	City of St. Helena	\$800,000
Students and Teachers Restoring a Watershed (STRAW) Project – North and East Bay Watersheds	Point Reyes Bird Observatory Conservation Science	\$500,000
Grant Administration	ABAG	\$750,000

SFEP Project Highlights



2014 Delta Science Conference will be held October 28-30, Sacramento

The Biennial Bay-Delta Science Conference is a forum for presenting technical analyses and results relevant to the Delta Science Program’s mission to support environmental decision-making for water in the Bay-Delta system with the best possible unbiased, science-based information. The goal of the 2014 conference is to provide new information and syntheses to the broad community of scientists, engineers, resource managers, and stakeholders working on Bay-Delta issues.

The conference theme this year is **“Making Connections.”** Management of the Bay-Delta ecosystem is at a critical crossroads as politicians and regulators seek new ways to manage water exports while restoring landscape-level ecosystem attributes and functions. Scientists who support these activities must make connections among external drivers, management actions, and ecosystem responses. Perhaps more critical, the scientific and management communities must connect and collaborate, in order to ensure a two-way flow of needs, resources, ideas, and understanding.

Notifications went out to all presenters who submitted abstracts in early August. The program will be posted and registration will open in mid-September. The early-bird deadline for registration is October 7, 2014. There will be over 250 oral presentations and 180 poster presentations. Visit the web site for more information: <http://scienceconf2014.deltacouncil.ca.gov>.

2015 State of the Estuary Report Status

Please see Dr. Letitia Grenier’s summary of current activity on the State of the Estuary Report development, included at the end of this report.

RFP for Economic Analysis of Flood Control 2.0 Strategies Open through August 29

SFEP has posted a Request for Proposals for economic analysis regarding innovative approaches to flood control management along the San Francisco Bay shoreline versus more traditional dredging for sediment management. This work will address an important information gap. See

http://abag.ca.gov/bayarea/commerce/ace/FC2_0_EcoAnalysisRFP.pdf. Caitlin Sweeney is the lead SFEP staff for those interested in details.

State of the Estuary Conference Fall 2015

Planning for the conference will begin in late December or early January 2015. Following the very successful 2013 conference format, the 2015 event will once again be held in conjunction with SFEI's Regional Monitoring Program Annual Meeting. SFEP's *2015 State of the Estuary* and SFEI's closely-related *Pulse of the Estuary* will be released at the conference.

E2100 Projects Closing Out



The EPA-funded suite of projects known collectively as *Estuary 2100: Resilient Watersheds for a Changing Climate* is winding down with three projects expecting to close out next quarter including the Bahia Wetlands Restoration, the Newcomb Ave LID project in San Francisco, and SFEI's technical assistance portion. This will leave four projects still active out of an original sixteen. The remaining projects are expected to be completed by the end of next year.

Outreach

Bay+Delta+Water : Better Together

A Conference on Fresh Water in Our Bay-Delta Estuary

Friends of the Estuary is sponsoring a free half-day conference on September 24 in Antioch to discuss the role of fresh water in the Bay-Delta Estuary, the current planning processes underway that may negatively or positively impact fresh water flows, and what needs to be done to protect the environmental, economic, social, and health benefits of the San Francisco Bay-Delta Estuary. More information and registration at <http://friendsofsestuary.weebly.com/conference.html>.

Clean Vessel Act Delta Boating Event Held July 4

Algae blooms in the Delta have come earlier this year than ever before, and it is believed that sewage discharge was the cause. Of particular concern was July 4th weekend. SFEP responded by hiring a mobile pumpout company to service boaters on the water during the weekend, making this the first Honey Pot Day of the year. A total of 50 boats were serviced totaling 3,075 gallons of sewage. The boaters were given clean boating information before their service and were largely enthusiastic about the program.



MEMORANDUM

To: Judy Kelly, SFEP Executive Director

From: Letitia Grenier, Project Leader

Subject: Status Update on Indicator Development for the State of the Estuary Report (SOTER) 2015

Date: 8/17/2014

Brief descriptions of the status of each indicator for the 2015 SOTER are provided below. First listed are the indicators from 2011. After that come the new indicators under consideration.

We are working to more fully represent the Delta in the 2015 report. Not surprisingly, the Delta indicators are further behind in development, compared to the Bay Indicators.

KEY TO THE COLORS
Update of 2011 indicator
Similar to 2011, some changes
New indicator
Uncertain if indicator will be produced
Not expecting an indicator in 2015

No.	Indicator	Leads	Bay	Delta
ATTRIBUTES AND INDICATORS FROM THE 2011 STATE OF THE BAY REPORT				
WATER				
1	Quality			
1a	Quality: Safe for aquatic life	Jay Davis (Bay) Stephanie Fong (Delta)	The Regional Monitoring Program for Water Quality has agreed to partner on producing a <i>Pulse of the Estuary</i> in 2015 that is coordinated with SOTER. The RMP will support providing updated status and trends information and interpretation for these three water quality indicators for SOTER. The same information with greater depth of discussion will be provided in the <i>Pulse</i> .	Not clear what can be developed for this indicator for 2015. The California Estuaries Monitoring Workgroup (CEMW), with whom SOTER is collaborating for the 2015 report findings to be displayed on the California Estuaries Portal, is looking in to the options. If we can't provide an indicator with a status and trend, we may be able to lay out how the Delta RMP will provide data to report on this in the near future. The Delta Stewardship Council and the EPA are producing some information about tracking TMDLs that may also be incorporated.
1b	Quality: Fish safe to eat	Jay Davis (Bay) Stephanie Fong (Delta)	see above	The CEMW has committed to providing this indicator. The expectation is that it will be similar to what is done for the Bay, but more discussion is needed.
1c	Quality: Safe for swimming	Jay Davis (Bay) Stephanie Fong (Delta)	see above	The CEMW has committed to providing this indicator. The expectation is that it will be similar to what is done for the Bay, but more discussion is needed.
2	Quantity: Freshwater inflow	Tina Swanson (Bay) Bill Templin (Delta)	Tina will produce the updated status and trends information (plus interpretation).	Not clear what can be developed for this indicator for 2015. The CEMW is looking in to the options.
HABITAT				
3	Estuarine open water	Tina Swanson (Bay) Krystal Davis-Fadke (Delta)	Tina will produce the updated status and trends information (plus interpretation).	The CEMW may propose additions to the indicator around seasonality that would make it more applicable to the Delta.

No.	Indicator	Leads	Bay	Delta
4	Baylands (tidal marsh and tidal flat)	Josh Collins, Robin Grossinger (Bay) Krystal Davis-Fadke (Delta)	Options for updating these indicators are limited by lack of new data. However, Bay status and trends could be revisited in conjunction with new information from the Delta. Details on the Bay data below.	Data are available for the Delta to calculate the same tidal marsh indicators that were calculated for the Bay in 2011, providing an opportunity to look at one indicator using the same approach across the full Estuary. The Delta does not have habitat goals, so some work would be in order to choose and interpret an acreage benchmark. There is a subcommittee working on this indicator, and they are interested in adding other important habitat types (especially shallow water) for the Delta. However, it's not clear that resources will be available to do so.
4a	Baylands: Regional extent	Josh Collins, Robin Grossinger (Bay) Krystal Davis-Fadke (Delta)	1. Acres restored since 2011 could be added to the 2011 SOTER data for this indicator to update it. We are pursuing that avenue with SFEI, where the data are housed. However, the number of acres restored does not indicate the habitat type of those acres. Might require some mapping of habitat type. 2)The data analyzed in 2011 could be re-examined at the sub-regional level. While this would probably show some differences among subregions in terms of progress toward the Baylands Goals acreage targets (which are the SOTER benchmark), the 2015 Goals Update is not emphasizing subregional acreage targets. The thought is that with the amount of expected habitat change and conversion, trying achieve subregional acreage targets may end up being an added constraint that is not helpful.	See above for tidal marsh (not expecting an indicator for the Delta for tidal flat).
4b	Baylands: Patch size	Josh Collins, Robin Grossinger (Bay) Krystal Davis-Fadke (Delta)	Could re-analyze the 2011 data with the patches restored since 2011 added in. However, it's unlikely that the new projects will change the average patch size, given the number of patches in the Bay. This question is part of the discussion with SFEI.	See above for tidal marsh (not expecting an indicator for the Delta for tidal flat).
4c	Baylands: Physical/biological condition	Josh Collins, Robin Grossinger (Bay) Krystal Davis-Fadke (Delta)	Not enough new data to analyze this indicator.	See above.
5	Watersheds	Josh Collins, Caitlin Sweeney (Bay) Bill Templin (Delta)	A subcommittee is directing the choice of this indicator. Data from EPA's 2013 "California Integrated Assessment of Watershed Health" report have been acquired by SFEI to assess whether these data can be used to calculate indicators at the scale of the Bay Area, given that the data were collected for a state-wide report.	Not clear what can be developed for this indicator for 2015. The CEMW is looking in to the options.
LIVING RESOURCES				
6	Invertebrates	Tina Swanson (Bay) Shaun Philippart (Delta)	Tina will produce the updated status and trends information (plus interpretation).	The CEMW is looking in to developing an indicator for invasive clam abundance.

No.	Indicator	Leads	Bay	Delta
7	Fish	Tina Swanson (Bay) Shaun Philippart (Delta)	Tina will produce the updated status and trends information (plus interpretation).	Not clear what can be developed for this indicator for 2015. The CEMW is looking in to the options. Delta smelt and salmon have been mentioned, in particular.
8	Birds	Grant Ballard, Nadav Nur (Bay) Hildie Spautz (Delta)	Point Blue is preparing a detailed SOW for updating the 2011 indicators. Most of them have new data since 2011. Point Blue is proposing to add new Clapper Rail and shorebird indicators. The feasibility and technical merit of that indicator will be assessed once the SOW is available.	The CEMW is looking in to developing an indicator for breeding waterfowl, wintering waterfowl and (maybe) wintering shorebirds.
ECOLOGICAL PROCESSES				
9	Flood events	Tina Swanson (Bay) Bill Templin (Delta)	Tina will produce the updated status and trends information (plus interpretation).	Not clear what can be developed for this indicator for 2015. The CEMW is looking in to the options.
10	Food web	Grant Ballard, Nadav Nur (Bay) Hildie Spautz (Delta)	Point Blue is preparing a detailed SOW for updating the 2011 indicators. There are recent heron/egret data, but it's not clear if the cormorant indicator can be updated. Point Blue is proposing to add a tern indicator, if needed, to replace the cormorants. The feasibility and technical merit of a new indicator will be assessed once the SOW is available.	Not clear what can be developed for this indicator for 2015. The CEMW is looking in to the options. See No. 12 below.
STEWARDSHIP				
11	Individual and community actions and management actions	Judy Kelly, Peter Vorster (Bay) Bill Templin (Delta)	TBI is supporting updating the urban water use and recycled water use indicators. Judy is leading a subcommittee to update the coastal cleanup and public access indicators, and to consider any new indicators for stewardship. The dredged material disposal and reuse management action example cannot be updated for 2011 (and it wasn't intended to be ongoing).	Judy is coordinating development of stewardship indicators in the Delta. Volunteer effort for cleanup days may be the best option. The CEMW is also looking in to water reuse, public access, agriculture discharges, and climate-change readiness.
NEW FOR THE BAY IN 2015				
12	Nutrients/ Chlorophyll a	David Senn (Bay) Hildie Spautz (Delta)	We are hopeful that the nutrient work SFEI is conducting (David Senn) will provide an indicator and benchmark in time for this report. Coordinating with SFEI on this.	The CEMW is looking into and indicator about the base of the food web involving Chlorophyll a, plankton, and possibly nutrients.
13	Subtidal Habitat	Caitlin Sweeney, Marilyn Latta	This leads have recommended adding two new indicators: regional extent of native eelgrass and oyster beds. Data sets have been identified; benchmarks are from the Subtidal Goals.	Any subtidal habitat indicators in the Delta will be addressed by the subcommittee that Krystal is leading.
14	Sediment Supply	TBD	Checking with SFEI to assess feasibility of developing an indicator for sediment supply.	Hasn't been discussed for the Delta.

No.	Indicator	Leads	Bay	Delta
15	Climate Change	Luisa Valiela	This subcommittee is meeting in Sept. Climate change is likely to be detectable in the long-term trends of the suite of SOTER indicators. One way to tackle climate change may be to look at adaptation efforts, under the Stewardship attribute.	Has been mentioned under Stewardship (see above) for the Delta.
16	Gulf of the Farallones	Andy Gunther	John Largier of UCD-Bodega is proposing a short list of possible indicators based on dissolved oxygen, nutrients, chlorophyll, and krill populations	N/A

Specifics of the Bond Approved by the Legislature

Water Quality, Supply, and Infrastructure Improvement Act of 2014 - \$7.545B

Storage - \$2.7B

- Continuous appropriation for water storage projects

Regional Water Reliability – \$810M

- Integrated regional water management \$510M.
- Stormwater capture \$200M.
- Water conservation \$100M.

Safe Drinking Water - \$520M

- Provide clean, safe and reliable drinking water to all Californians. With minimum to leverage federal funds for safe drinking water and clean water programs and for disadvantaged communities.
- Small Community Wastewater Program \$260M.
- Drinking Water Public Infrastructure \$260M.

Water Recycling - \$725M

- Statewide water recycling projects and activities.

Groundwater Sustainability - \$900M

- Prevent and reduce groundwater contaminants \$800M.
- Provide sustainable groundwater management planning and implementation \$100M.

Watershed Protection, Watershed Ecosystem Restoration, State Settlements - \$1.495M

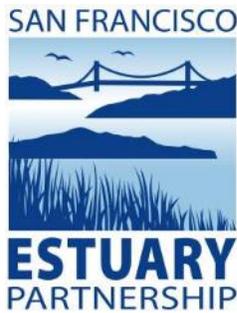
- Conservancies \$327.5M.
- Wildlife Conservation Board \$200M (restoration of flows).
- Department of Fish and Wildlife \$285M (out of delta, no mitigation on BDCP).
- Department of Fish and Wildlife \$87.5M (in delta with constraints).
- State settlement obligations including CVPIA \$475M.
- Rivers and Creeks \$120M.

Statewide Flood Management - \$395M

- Statewide flood management projects and activities (\$100M).
- For Delta levee subvention programs and delta flood protection projects (\$295M).

General Provisions

- Funding eligibility requires urban or agricultural water management plans and compliance with 2009 Water Conservation Act.
- Bay Delta Conservation Plan neutral.
- Protects existing water rights and reaffirms area of origin protections.
- Assumes repurposing of \$105M from Prop. 84, \$95M of Prop 50, \$81M from Prop 13, \$25.5M from Prop 204, \$13.5M from Prop 44, \$5M from Prop 82, \$100M from Prop. IE and \$7.120B on new debt.



**San Francisco Estuary Partnership
Implementation Committee Meeting**

May 21, 2014

Elihu M. Harris State Building
Oakland, California

DRAFT MEETING SUMMARY

1. Introductions

Amy Hutzler, Chair of the Implementation Committee, called the meeting to order at 9:40 am with a round of introductions. Amy introduced a visitor, Mr. Yungnane Yang from Taiwan, who was in the Bay Area doing an internship on public decision-making.

2. Public Comments

There were no public comments.

3. Director's Report Highlights

- The Delta Science Conference will be held in Sacramento **October 28-30, 2014**. Karen McDowell noted Call for Abstracts is out with abstracts due June 11. Registration will be open in late August.
- Pages 3-4 outline SFEP the 5 recent grant proposals submitted.
 - Judy highlighted that SFEP applied for SRF funds to the State Water Board to support updates of our key planning documents, the State of the Estuary Report, the CCMP Update, and the State of Bay-Delta Science.
- SFEP received an additional \$30,000 from US EPA to support the CCMP Update for climate change impacts.
- The final report on the Trash Capture project is available on the SFEP website. Janet Cox noted a San Jose study showed small devices more economical over a 10 year timeframe but large devices more economical over 20 years.
- Judy and other west coast NEP Directors attended a meeting at the Puget Sound Partnership in Tacoma, Washington and EPA with Region 9 and 10 staff . She noted many differences amongst the west coast NEPs issues focus: a big issue in Northwest is ocean acidification due to the importance of shellfish harvesting in those NEPs.
 - Susan Adams offered Romberg-Tiburon scientists have been working on ocean acidification. Steve Goldbeck noted the West Coast Governors Alliance on Ocean Health also includes acidification as a climate change issue.
- The SF Bay Restoration Authority is getting down to the wire for deciding if it is feasible to put a November 2014 measure on the ballot. Board will decide on May 28.
 - Poll showed 68% said yes on \$9/year parcel tax and after positive messaging 72% approval. Key issue is ballot access cost for 9 counties of \$1-\$2 million plus cost of outreach campaign.
 - Save the Bay heading outreach campaign. Contact Patrick Band if you can assist.

4. Action Items

Approval of March 5, 2014 Meeting Summary

Korie Schaeffer requested she be removed as the drought contact on page 3. It was moved to accept with correction, seconded, and approved.

Election of Chair and Vice Chair 2014-2016

Chair and Vice Chair nominees are Amy Hutzler for Chair and Tom Mumley for Vice Chair. The slate was moved, seconded and approved.

Discussion: Add members to Implementation Committee

- Broaden the IC by reaching out to other organizations and agencies.
- Some suggested for contacting include: the Santa Clara Valley Water District, Point Blue, Zone 7 Water Agency, San Francisco Dept. of the Environment, the Air Quality Management District.
- Need new representatives from Delta Protection Commission, Nature Conservancy, The Bay Institute
- Email Judy with other ideas for IC members.
- Also cull the list for members that are not regularly attending meetings.
- Judy to work with Julie Pierce on remaining ABAG appointment to IC

2014-15 SFEP Work Plan

- Clarify funding descriptions on page 2; explain amounts, add \$30,000 for CCMP update, adjust pie chart.
- Add “to support adaptation and resilience efforts: to end of 1.A.1.a)
- Add grassland and forests to 1.A.3.a)
- Add flood control “3.0” to 1.A.3 as idea for new work/funding.
- Under Goal 2, Susan Adams cited the Marin carbon project which explored different composting for rangeland grasses which allowed for carbon sequestration and increased water retention.
- It was moved, seconded and approved to tentatively approve Draft Work Plan with modifications discussed.

5. Reports on SFEP Activities

IRWMP Process/Projects Update: Jennifer Krebs

- Round 2 Implementation Prop 84: ABAG as the Applicant for the Region submitted the application in March 2013; the grant was awarded February 4, 2014. There are 19 regional projects as described in last quarter’s Director’s Report.
- Round 3 - Drought focused projects – the draft solicitation package came out April 2014
- ABAG will again be the Applicant; hired Horizon Water & Environment to assist in proposal
- IRWMP project review committee tentatively approved 11 projects for Round 3 at \$32 million. Final approval by Coordinating Committee will be given May 28.

CCMP Revision Update

- IC CCMP Steering Committee up and running, held 2 meetings to date
- Process Document included in this IC Packet covers roles and responsibilities and content development process
- Selected (and approved by the IC Steering Committee) Working Program Areas were based on *2011 State of the Bay* attributes; SFEP is seeking to closely align documents.
- Need volunteers or suggested experts to participate on Program Areas working groups. Contact Caitlin with suggestions or to volunteer.

- Broad Program Areas [water, habitats, living resources, ecological processes, stewardship] will be broken down into smaller working groups once better defined.
- Stipends are now available for climate change experts (non-agency) who participate from the recent addition of \$30,000 from EPA Headquarters.
- Questions: how will climate change fit in? How will it integrate with performance measures? Delta Plan includes performance measures; consider how to use these as the Delta portion of the CCMP actions emerge. Agreed: Need clear set of performance measures for each action.
- Peter LaCivita thought climate change could be considered an ecological process.
- Josh Collins: ocean acidification is also an ecological process. Review Puget Sound actions and performance measures and see what is transferrable.
- Susan Adams thought a watershed approach would be more relevant.
- Jessica mentioned “landscape” is a broader term than habitat and should be considered.
- Caitlin reviewed the proposed prioritization criteria [taken from several sources] and requested feedback. This set will be discussed at the next CCMP IC Steering Committee in mid-June.
- Discussion included funding priority; phasing to show progress; reporting frequency; satisfaction of stakeholders.

2015 State of the Estuary Report Update

Leticia Grenier is heading the effort. The science advisory working group has met. A detailed update will be presented at the next meeting in August.

6. Programs, Ideas and Priorities from IC Members

Drought Update: John Andrew

John reviewed a series of slides included in the IC Packet. Takeaway: this is the third driest year recorded. Reservoirs have enough for summer dry season but if there is no rain next winter, the situation could be much worse.

NFWF Business Plan for San Francisco Estuary: Claire Thorp

- Goals seek to increase numbers of keystone species within 10 year timeframe
- Selected keystone species for SF Estuary Initiative: Clapper rail, steelhead, Olympia oysters, herring; Focal species embraces a larger impact on the watershed.
- NFWF funds conservation but also leverages existing resources.
- Watersheds targeted for funding still in discussion.
- Includes funds for monitoring.
- Recent grant to Coastal Conservancy to remove creosote pilings in Bay for herring health; \$2 million.
- Also have Impact Directed Funds (now \$8 million) governed by court documents.

7. Concluding Business

- Next meeting August 27. Topics: Adding IC Members; future of beneficial reuse; presentation on small/micro grants; Oro Loma. Send any other ideas to Judy.
- Email Judy or Caitlin to be on CCMP Working group or with expert suggestions
- Meeting was adjourned at 12:30 pm.

ACTION ITEMS

Edits to workplan:

- Revise budget pie to make it easier to link to items a, b, c, and d, and so it is clear what EPA funding slice is.
- Add “to support adaptation and resilience efforts: to end of 1.A.1.a)
- Add grassland and forests to 1.A.3.a)
- Add flood control 2.0 to 1.A.3.

Clean IC list up, take off non-participating members, add new IC members. Potentials:

- SCVWD, Zone 7 or other water district
- Point Blue
- Debbie Rafael, SF Dept. of the Environment
- TNC (Louis Blumberg)
- DPC rep
- BAAQMD rep
- Judy to work with ABAG President re ABAG Representatives
- IC members asked to send other suggestions

Other

- Volunteer or provide suggestions for people to be on the CCMP revision committees... get details to Caitlin or Judy
- Parties interested in the campaign for the bay restoration measure, which will be run by Save The Bay; contact Patrick Band for more info (pband@savesfbay.org).

Add to Road Map for August 27th meeting

- Add new IC members
- Summary of SFEP micro/mini grants
- Oro Loma project summary
- LTMS/Future of beneficial reuse of dredged material

Meeting Attendees

Susan Adams	ABAG/Marin County
John Andrew	DWR
Josh Collins	SFEI
Jessica Davenport Council	Delta Stewardship
Steve Goldbeck	BCDC
John Klochak	USFWS
Amy Hutzel	State Coastal
Conservancy	
Peter LaCivita	US Army COE
Jane Lavelle	SF PUC
Julie Pierce	ABAG
Korie Schaeffer	NOAA Fisheries
Harry Seraydarian	NBWA
Claire Thorp	NFWF
Melody Tovar	City of Sunnyvale
Luisa Valiela	US EPA
Yungnane Yang	Taiwan

Staff Attending

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

Road Map for Upcoming IC Meetings

November 2014

Potential

- State water bond status
- Resilient Shoreline Planning: SFEP/ABAG, BCDC, CCC status
- Plan Bay Area update – ABAG
- Discussion of how watershed protection and water quality overlap with climate change issues (Melody Tovar)
- Oil Spill response and restoration: Cosco Busan DARP presentation by trustee agencies on what has changed and preparation for response to the next spill

Confirmed

- CCMP update discussion
- State of the Bay report update

February/March 2015

Potential

-

Confirmed

- CCMP update discussion
- State of the Bay report update
- State of the Estuary 2015 planning
- Work plan discussion

May 2015

Potential

-

Confirmed

- CCMP update discussion
- State of the Bay report update
- State of the Estuary 2015 planning