

**California Estuary Monitoring Workgroup
Kick-off Meeting Notes
December 15, 2010**

Attendees

- Adam Ballard, SWRCB
- Rich Breuer, DWR
- Val Connor, State & Federal Contractors Water Agency
- Naomi Feger, SF Bay RWQCB
- Stephanie Fong, Central Valley RWQCB
- Karen Gehrts, DWR
- Karen Larsen, SWRCB
- Jon Marshack, SWRCB
- Anke Mueller-Solger, Delta Protection Council
- Meghan Sullivan, Central Valley RWQCB

Meeting Outline

1. Monitoring Council overview and vision
2. Guidelines for workgroups and portal development
3. Key assessment questions to drive new portal
4. Key data sets needed and available to address assessment questions
5. Assessment tools to be used to address the assessment questions
6. Appropriate workgroup membership
 - a. Based on #4 and #5 above
7. Workgroup mission and charter – *read Wetland Monitoring Workgroup Charter and Roles & Responsibilities and bring suggestions to next meeting*

Monitoring Council Direction from October 2010 Meeting

- Endorsed proposal to
 - Form California Estuary Monitoring Workgroup
 - Develop California Estuaries Portal
- Initial focus on SF Bay-Delta
- Include statewide focus from the beginning
 - Be open to participants representing monitoring and assessment efforts in other California estuaries

Prospective Workgroup Participants

- Interagency Ecological Program (IEP) – Lead
 - Anke Mueller-Solger
 - Karen Gehrts
 - Rich Breuer
 - Louise Conrad
- Sacramento-San Joaquin Delta Regional Monitoring Program (Delta RMP)
 - Meghan Sullivan
 - Stephanie Fong
- San Francisco Bay Regional Monitoring Program (Bay RMP)
 - Naomi Feger
 - SFEI – *Meredith Williams*

- Delta Stewardship Council
 - Delta Science Program – ?
- State and Federal Contractors Water Agency
 - Val Connor
 - 34 North – David Osti (BayDeltaLive.com)
- State Water Board
 - Karen Larsen, Adam Ballard
 - Mark Gowdy – Water Rights
- Water Quality Monitoring Council
 - Jon Marshack
- Southern California Coastal Waters Research Project (SCCWRP)
 - Martha Sutula
- Delta Conservancy
 - ?
- US EPA
 - Karen Schwinn
 - Bruce Herbold
 - Carolyn Yale
- Dept of Fish & Game
 - Rand Baxter
 - Kathy Hieb
 - April Hennessee
- USGS
 - Darcy Austin (aka Jones)
 - Larry Brown
 - James Cloern (SF Bay)
- Morro Bay & Elkhorn Slough (NOAA)
 - ?
- SF Estuary Project
 - Judy Kelly
 - Andy Gunther
- Sac River Watershed Program
 - Mary Lee Knecht
 - Stephen McCord
- California Sportfish Protection Alliance
 - Bill Jennings
 - Richard McHenry
- Bay Institute
 - Jon Rosenfield
- Discharger Community
 - POTWs – CVCWA
 - ?
 - Irrigated Lands
 - ?
 - Municipal Stormwater
 - ?
- Moss Landing Marine Labs
 - Kevin O'Connor

Assessment Questions

- What are Estuaries?

- What is the SF Estuary?
 - Location and extent of the resource
 - DWR Delta Atlas
 - Water Education Foundation – <http://aquaforia.com>
 - Habitats/ecosystems, flooding, levees
 - Importance to California
 - Water supply
 - Fisheries
- What is the status of SF Estuary health?
 - Report Card – by constituent
 - Fish tissue – Bioaccumulation Oversight Group & other studies
 - Water Quality
 - Fish population / food web / POD synthesis report
- What are the trends in SF Estuary health?
 - Regime shift
- What is being done to make the estuary better?
 - Is it working?
 - Wetland restoration – link to wetland portal
- Left Navigation bar of portal
 - Monitoring programs – Monitoring inventory
 - Delta Players

Key Data Sets

- CDEC, DWR
- Water Data Library, DWR
- CEDEN, Water Boards
- Delta Atlas, DWR
- RMPs
- IEP @ DWR – Google map interface to metadata being developed, Oracle platform
- USGS
- USBR
- USFWS
- DFG

Portal Development

- State and Federal Contractors Water Agency (Val Connor) has offered to fund portal development through 34 North, developer of BayDeltaLive.com for the Metropolitan Water District of Southern California
 - \$65K for initial mockup development available through February 2011
 - David Osti of 34 North will demo the capabilities of BayDeltaLive.com at an upcoming workgroup meeting
- Vetting of Mockup
 - IEP's Estuary Ecology Team (EET)
 - Delta Science Program workshop (Independent Science Board?)

Next Steps – future meeting agenda items

- Questions, Data Sets, Coordination – January (?)
 - Bay Delta Live - *What has been accomplished that we can use?* – David Osti
 - Coordination of portal with Delta Stewardship Council's Delta Plan development – Lauren Hastings, Terry Macaulay
 - **Workgroup Charter**

- *A tremendous degree of coordination already exists. Do we need a separate workgroup or should we merge workgroup activities with one or more existing coordination efforts (e.g., meld into existing IEP structure)?*
 - *Readily available data sets and information for initial portal development*
- Reporting, Score Cards – early February (?)
 - [UMARP Bay-Delta Monitoring Framework](#) (reporting component) – Sam Luoma, UC Davis
 - SF Estuary Partnership, Bay score card – Andy Gunther
 - Queensland, Healthy Waterways Initiative – Cliff Dahm, Lead Scientist, Delta Science Program
- Data Mgmt – March (?)
 - Data.ca.gov – David Harris
 - CEDEN
 - CERES
 - David Osti
 - DWR – Mike Gardner