

CALIFORNIA WATER QUALITY MONITORING COUNCIL

**California Estuary Monitoring Workgroup
Meeting Notes**

Wednesday, December 17th – 9:00 AM to 2:00 PM

Delta Conservancy Conference Room
1450 Halyard Drive, Suite 6, West Sacramento



IMPORTANT INFORMATION

Due to room constraints and to avoid having an extended day, we will be meeting through lunch, so **please bring a lunch**. Morning refreshments will be provided.

REMOTE ACCESS: There will be web conferencing available via WebEx during this meeting. Please see instructions at the end of the agenda. Call-in number **888-861-1254** Participant access code: **737615#** is also

Item	1	
Title of Topic:	Introduction and Announcements	
	1) Introductions 2) Review notes from last CEMW meeting 3) Review agenda for today	
Desired Outcome:	Approve meeting notes	
Attachment:	111214 Notes.pdf	
Notes:	CDFW: April Hennessy, Hildie Spautz, CVRWQCB: Selina Cole, Delta Conservancy: Kristal Fadtko, DSC/DSP: Jessica Davenport, Maggie Christman, Sam Harader, Juliet Lamont, Daniel Huang, DWR: Tiffany Brown, Betsy Wells, Monitoring Council: Kris Jones, NRDC: Tina Swanson, SFCWA: Kelsey Cowin, Stephanie Fong, SFEI: Jay Davis, SRCSD: Sam Safi, TBI: Jon Rosenfield, Ali Weber-Stover, USFWS: Matt Dekar	

Item	2	
Title of Topic:	Liaison Reports	
Background:	The Monitoring Council and the Council’s workgroups are actively working on several items (SB 1070). This agenda item is for the routine update on key activities or decisions made by other workgroups or the Council, followed by a brief	

	<p>discussion of how the activities would impact the CEMW.</p> <ol style="list-style-type: none"> 1. CA WQMC: Kris Jones 2. CA Wetland Monitoring Workgroup: Kristal Davis Fadtke and Kris Jones 3. Healthy Streams Partnership: Lori Webber 4. Data Management Workgroup: Tony Hale 5. BOG workgroup for "Is it safe to eat fish?": Kris Jones 6. Safe to Swim Workgroup: Kris Jones 7. Ocean/Rocky Intertidal Workgroup: Kris Jones
Desired Outcome	Information Exchange and ideas to integrate existing Portals
Contact Person:	Kris Jones Kristopher.Jones@water.ca.gov
Notes:	<ol style="list-style-type: none"> 1. Monitoring Council: The Council approved the Triennial Audit. George Isaac (Delta Science Program) presented the white paper resulting from the Environmental Data Summit. Christina Grosso (SFEI) introduced the new version of EcoAtlas and Amye Osti presented the new San Joaquin River Portal. 2. CWMW: No Update 3. Healthy Streams: No Update, the next meeting will be on February 20th. 4. Data Management: Steve Goldman (CDFW) introduced the new version of BIOS. 5. BOG- The Workgroup met on December 12 to discuss funding allocations and priorities for the next year. 6. Safe to Swim- No Update 7. Ocean Workgroup- No Update

Item	3	
Title of Topic:	State of the Estuary Report Coordination	
Background:	<p>Since we've modeled the Estuaries Portal after the 2011 SOTB Report and are trying to collaborate on making the next report an estuary report for 2015.</p> <ol style="list-style-type: none"> 1. Delta Science Program update (Hildie/Stephanie/Darcy 10 min) 2. Overview of SOTER indicators (Hildie 5 min) 3. Peer input (Hildie 10 min) 4. Climate change (Josh Collins 15 min) 5. Birds (Hildie 10 min) 6. SAV/FAV (Hildie 10 min) 7. Water quantity (Tina Swanson 11:00-11:30) 8. Fish indicator development (Ali Webber-Stover/Jon Rosenfield 11:30-noon) 9. Water quality (Jay Davis 30 min) 10. Habitat (Kristal 30 min and possibly Robin 30 min) 11. Zooplankton (April 20 mins) 	
Desired Outcome	Update on process and timelines	
Contact Person:	Hildie Spautz Hildegard.Spautz@wildlife.ca.gov	

Attachment:	Handout for fish indicator to be distributed at meeting and SOTE Water Quality Indicator Data Plan 12-02-14.xlsx
Notes:	<ol style="list-style-type: none"> 1. The Delta Science Program will be involved in the peer review of the new Delta indicators. Hildie Spautz would like assistance in organizing the peer review process, if you are interested in helping please contact her. 2. An updated table on the SOTER indicators was provided and sent out to the meeting attendants. 3. Formal peer review meetings will be sent out to the Workgroup email list. If there are comments on the Peer Review document, please provide input as soon as possible. 4. A sea level rise indicator is being pulled together by Josh Collins (SFEI) that will estimate accommodation space. There is discussion of an additional Climate Change indicator (trends and variability in precipitation and air temperature), but there is currently no budget or scope. 5. There will be an indicator for breeding water fowl and Sand Hill Cranes. There will hopefully be a sidebar on Tri Color Black Birds and CA Black Rail. 6. There is an ongoing discussion with Susan Ustin (UC Davis) to develop an indicator for Floating Aquatic Vegetation (FAV). Her lab has been using remote sensing to map Floating Aquatic Vegetation to follow up on work from 2004-2008. 7. Tina Swanson has developed indicators for water quantity that extend into the delta. The technical appendix should be done by the end of January and ready for review. <ol style="list-style-type: none"> a. Annual Delta Inflow- the percent of unimpaired inflow that flowed into the delta b. Spring Delta Inflow c. Flow contribution to Delta inflow from the San Joaquin River d. Flow in the Delta- what amount of inflow actually makes it out of the delta 8. A fish indicator is being developed by Jon Rosenfield and Ali Weber-Stover (The Bay Institute). Using data from the Fall Mid-Water Trawl, Suisun marsh Survey, and USFWS's Beach Seine, they will develop a small set of abundance indicators. The approach will be very similar to that taken by Tina Swanson on the Bay fish indicators. A draft should be ready by mid-January for review. 9. Jay Davis (SFEI), the lead for the Bay and Delta Water Quality indicators, provided an outline of the technical appendix. A mix of text and data indicators will be included, covering: aquatic life, safe to eat, safe to swim, and safe to drink. 10. Habitat indicators are being coordinated by Kristal Davis Fadke (Delta Conservancy) and Robin Grossinger (SFEI). SFEI will be calculating indicators on the extent of tidal marsh and riparian habitat, based on the recently released Delta Landscapes Report. 11. April Hennessy (CDFW) has developed a Fish Food indicator. It will focus on biomass of major taxa (Copepods and Mysids) in specific regions and

	<p>season in the Delta. The technical Appendix will be available for review in January.</p> <p>12. Betsy Wells (DWR) is developing a benthic indicator that presents the count of benthic species in specific regions and seasons in the delta.</p>
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Item	4	
Title of Topic:	Worker Bee Update	
Background:	<p>Worker Bee section leads have initial workplans developed and are implementing them for Phase II Portal development. Draft 1-page workplans identify resources needed and used, provide a way to track progress, and identify interim deliverables or milestones.</p> <p>We will get updates from the Attribute Section Leads:</p> <ol style="list-style-type: none"> 1. Water: Erin Foresman/Stephanie 2. Living Resources: Shaun Philippart 3. Habitat: Kristal Davis Fadtk/Hildie Spautz 4. Ecological Processes: Hildie Spautz 5. Stewardship: (in need of lead) <p>Update from CWQMC presentation on SOTER coordination and possible changes to the Portal templates will also be discussed.</p>	
Desired Outcome	<p>Information share and general direction from larger CEMW as needed.</p> <p>Decision: Approval of Water pages to be mocked up before presenting to CWQMC</p>	
Contact Person:	Stephanie Fong sfong@sfcwa.org	
Attachment:	Water.pptx	
Notes:	<ol style="list-style-type: none"> 1. Water: Stephanie Fong (SFCWA) presented mock up Water Quality pages. The workgroup approved the pages for development by 34 North. 2. Living Resources: Matt Dekar (USFWS) is working with 34 North on the presentation of Delta Juvenile fish data. 3. Habitat- Kristal Davis-Fadke (Delta Conservancy) continues to work with the Morro Bay National Estuary Program to find a way to present their data on the Portal. 4. Ecological Processes- The focus of this subgroup has been on assisting the SOTER. 5. Sam Safi (SRCSD) and Kristal Davis-Fadke (Delta Conservancy) will be meeting in January to discuss and develop a workplan for the subgroup. 	
Decision:	The workgroup approved the mock up Water Quality pages. 34 North will begin development.	

Item	5	
Title of Topic:	Wrap up	
Background:	Recap of any suggestions/decisions made, tasks assigned along with due dates for	

	those tasks, and next steps.
Contact Person:	Stephanie Fong sfong@sfcwa.org

Parking Lot: Items not addressed during this meeting, but should be brought back for discussion at a later date. This list is not prioritized.	
Title of Topic:	
<ul style="list-style-type: none"> • Performance measures • Climate change • Jellyfish in the zooplankton story • Other living resources (e.g., mammals, plants, etc) 	
Important Dates:	Likely Contact Person:
Update to the State of Science Report	Darcy Austin
Future MAST Report?	Matt/Larry/Gregg
Future IEP Newsletter?	Bill/Randy/?