

CALIFORNIA WATER QUALITY MONITORING COUNCIL

California Estuary Monitoring Workgroup  
Meeting Agenda

Wednesday, July 13 – 9:00 AM to 12:00 PM

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



**IMPORTANT INFORMATION**

REMOTE ACCESS: There will be web conferencing available via WebEx during this meeting. Call-in number **888-861-1254** Participant access code: **104035#** and join the WebEx meeting from here:

<https://meetings.webex.com/collabs/meetings/join?uuid=M1J517YCBTNXHVFHMRR6BWMROP-GQBN>

Meeting number: 196 523 460

Meeting password: This meeting does not require a password.

Item	1	Approx. Time
Title of Topic:	<b>Introduction and Announcements</b>	15 min
	1) Introductions and announcements 2) Review notes from last CEMW meeting 3) Review agenda for today	
Desired Outcome:	Approve meeting notes	
Attachment:	CEMW_notes_05112016.pdf	
	CDFW: Andrea Graffis, CVRWQCB: Marisa Van Dyke, Delta Conservancy: Beckye Stanton, DSC/DSP: Annie Adelson, Maggie Christman, Megan Brooks, Kelly Souza, DWR: Betsy Wells, GEI: Val Connor, Monitoring Council: Kris Jones, MWD: Russ Ryan, SFCWA: Kelsey Cowin, SFEI: Tony Hale (Phone) SRCSD: Tim Mussen, USFWS: Matt Dekar, 34 North: Amye Osti, Dave Osti, Karly Wagner, Other: Nazar Pankiv	

Item	2	Approx. Time
Title of Topic:	<b>Liaison Reports</b>	30 min

Background:	<p>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 discussion of how the activities would impact the CEMW.</p> <ol style="list-style-type: none"> <li>1. CA WQMC: Kris Jones</li> <li>2. CA Wetland Monitoring Workgroup: Kris Jones</li> <li>3. Healthy Streams Partnership: Lori Webber</li> <li>4. Data Management Workgroup: Tony Hale/Christina Grosso</li> <li>5. BOG workgroup for "Is it safe to eat fish?": Kris Jones</li> <li>6. Safe to Swim Workgroup: Kris Jones</li> <li>7. Ocean/Rocky Intertidal Workgroup: Kris Jones</li> <li>8. CCHAB Worgroup:</li> <li>9. Sacramento River Watershed Program: Stephen McCord or Amye Osti</li> </ol>
Desired Outcome:	Information exchange
Contact Person:	Kris Jones <a href="mailto:Kristopher.Jones@water.ca.gov">Kristopher.Jones@water.ca.gov</a>
Notes:	<ul style="list-style-type: none"> <li>• The Monitoring Council has adopted a new look and feel to their main Portal homepage and is encouraging the workgroups to determine how to modify their portals to fit this new layout.</li> <li>• The Data Management Workgroup met in early July and have been continuing the development of factsheets on the key concepts and recommendations from the Data Vision White Paper.</li> <li>• The Sacramento River Watershed program is working on their next public version of their portal and hope to release it in September.</li> </ul> <p>The other workgroups have not met to provide updates</p>

Item	3	Approx. Time
Title of Topic:	<b>Water Quality Conditions Report Update</b>	15 min
Background:	<p>The Interagency Ecological Program's Environmental Monitoring Program (EMP) monitors water quality, benthic macroinvertebrates, zooplankton and phytoplankton at discrete stations in the Sacramento-San Joaquin Delta, Suisun Bay, and San Pablo Bay. The monitoring conducted by the EMP is mandated by State Water Resources Control Board (SWRCB) - Water Rights Decision 1641 for operation of the State Water Project. While the EMP has previously developed annual reports to fulfill this regulatory mandate, in 2013 they met this objective through the release of the online interactive Water Quality Conditions Report (WQC).</p> <p>In 2015 the EMP began working to further develop the online WQC report—</p>	

	<p>particularly the interactive elements for data visualizations—and is working towards blending this content more seamlessly into the Estuary Portal as part of the new “Look and Feel” project. Significant progress was made towards developing new templates for presenting information and data on the Estuaries Portal. The Living Resources team developed mockups for portal pages relating to benthic macroinvertebrates, zooplankton, phytoplankton, and fish. These pages focused on providing background regarding 1) the particular organisms; 2) the monitoring programs and methods for sampling those organisms; and 3) details regarding relevant reporting mandates, e.g., D-1641. Working mockups are currently being developed, including dashboards for querying and visualizing these datasets.</p>
Desired Outcome:	Information Exchange
Contact Person:	Kris Jones <a href="mailto:Kristopher.Jones@water.ca.gov">Kristopher.Jones@water.ca.gov</a>
Notes	<p>The Living Resources subgroup is continuing work on the update to the 1641 online report. 34 North is developing mock ups that will be brought to DWR’s EMP team to review, once the review is complete the mock ups will be presented to the CEMW. It would be helpful to develop a subteam to review these pages in more detail and how to incorporate them into the current portal.</p>

Item	4	Approx. Time
Title of Topic:	<b>Environmental Data Summit White Paper—a path towards implementation</b>	45 min
Background:	<p>The Council’s Data Management Workgroup (DMWG) meets regularly to coordinate information technology-related efforts, offer guidance and information to other Council workgroups, and advance information sharing regarding water quality data and technology opportunities.</p> <p>During its most recent meetings, the DMWG has been tackling the recommendations published in the Delta Stewardship Council’s white paper <a href="#">Enhancing the Vision for Managing California’s Environmental Information</a> and has formed subcommittees designed to develop informational products that further illustrate the concepts mentioned in the white paper. The resulting presentations, memos, and FAQ sheets will be of use to inform state agency decision makers of key concepts such as “data federation,” “data management plans,” and “web services.”</p> <p>The workgroup has recently sought additional guidance for its efforts through the formation of a steering committee composed of high-level decision makers with a stake in their agency’s participation in information management initiatives. Such a steering committee could help to optimize the labor of the DMWG to participate in an emergent effort to implement the Delta Stewardship Council’s recommendations. Potential steering committee members have been contacted and we are awaiting their response.</p>	
Desired	Information and discussion	

Outcome:	
Contact Person:	Tony Hale <a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a>
Notes	Tony Hale presented an update on the Data Management Workgroup implementation plan of the Data Summit White Paper. The workgroup will provide the CEMW the factsheets upon their completion and will continue to update the CEMW as the steering committee is composed and begins working.

<b>Item</b>	<b>5</b>	Approx. Time
Title of Topic:	<b>Bay Delta Live Data Dashboard Demonstration</b>	45 min
Background:	The Estuaries Portal originally piggybacked on technology developed for Bay Delta Live (BDL). Much of the data access and visualization tools on Bay Delta Live are being used in the updates to the portal (e.g., updates to the living resources pages). 34 North will provide a demonstration of the various data dashboards on BDL, followed by a discussion of the usefulness of these tools for management of the Bay Delta, the opportunities for outreach with potential partners, and application of these data dashboards in future portal updates.	
Desired Outcome:	Demonstration and discussion	
Contact Person:	Amye Osti <a href="mailto:amy@34north.com">amy@34north.com</a>	
Notes	34 North previewed some of the new Data Dashboards that are active on Bay Delta Live. These new Data Dashboards feature data from the Delta Juvenile Fish Monitoring Program and aim at assisting the efficacy of groups such as the Data Operations for Salmonids and Sturgeon group (DOSS). 34 North is also starting to develop a way to allow users to make personalized dashboards.	

<b>Item</b>	<b>6</b>	Approx. Time
Title of Topic:	<b>Cache Slough Collaborative—potential connections with the EcoRestore IAMIT</b>	30 min
Background:	As a result of SFCWA's 2014 RFP process, four studies were funded to look into factors affecting the distribution and abundance of fish prey within the Cache Slough complex. In addition to the four studies, the group meets regularly with other investigators doing work in the system. By taking a multidisciplinary approach, the group is trying to determine a better understanding of the complex environments/system within the Sacramento-San Joaquin Delta. The data access and visualization tools being developed for these projects present an opportunity to demonstrate their usefulness for efforts such as the EcoRestore Interagency Adaptive Management Integration Team (IAMIT)—e.g., providing tools that can assist in the adaptive management of EcoRestore projects.	
Desired Outcome:	Information and discussion	

Contact Person:	Stephanie Fong <a href="mailto:sfong@sfcwa.org">sfong@sfcwa.org</a> Kelsey Cowin <a href="mailto:KCowin@sfcwa.org">KCowin@sfcwa.org</a>
Notes	With the development of ecosystem restoration and the resulting widespread monitoring, the Delta science community will be faced with pulling together data across different special scales and programs that currently do not have comparable data. The Cache Collaborative is starting to look at how we can bring this type of data together at a very small scale. The CEMW discussed the Estuary Portal as a home for combining data sets and moving beyond individual projects.

<b>Parking Lot:</b> 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"> <li>• Performance measures</li> <li>• Climate change</li> <li>• Jellyfish in the zooplankton story</li> <li>• Other living resources (e.g., mammals, plants, etc)</li> <li>• SSSAIL/MAST/IEP Newsletter</li> </ul>