

**CALIFORNIA WATER QUALITY MONITORING COUNCIL**

**California Estuary Monitoring Workgroup  
Meeting Agenda**

**Wednesday, March 9th – 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=M021XFD3RMPM8IKY0HAJZLLICO-GQBN>

Access Information Meeting number: 199 807 619, 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 4) Review Action Items: Action Items from the meeting include: <ul style="list-style-type: none"> <li>✓ Add the Sac River Portal to the liaison reports section</li> <li>✓ Habitat group should meet where Krystal has left off and information exchange</li> <li>✓ Consider working up a one-page strategic plan</li> <li>• Workplans should be developed for discussion at the March meeting</li> </ul>	
Desired Outcome:	Approve meeting notes; review action items	
Attachment:	01132016 CEMW notes.pdf	

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: Val Connor and Kris Jones (15 min)</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: Val Connor</li> <li>9. Sacramento River Watershed Program: Stephen McCord</li> </ol>
Desired Outcome:	Information Exchange
Contact Person:	Kris Jones <a href="mailto:Kristopher.Jones@water.ca.gov">Kristopher.Jones@water.ca.gov</a>

<b>Item</b>	<b>3</b>	<b>Approx. Time</b>
Title of Topic:	<b>2016 Work Plans and Worker Bee Updates</b>	30 min
Background:	<p>Worker Bees have been implementing work plans for Phase II Portal development.. Attribute Section Leads will provide updates if possible:</p> <ol style="list-style-type: none"> <li>1. Water: Stephanie Fong</li> <li>2. Living Resources: Shaun Philippart                         <ol style="list-style-type: none"> <li>a. Phytoplankton: Tiffany Brown</li> <li>b. Zooplankton: April Henesy</li> <li>c. Benthics: Betsy Wells</li> <li>d. Fish: Matt Dekar</li> </ol> </li> <li>3. Habitat: Kathryn Grace Kynett</li> <li>4. Ecological Processes: Hildie Spautz</li> <li>5. Stewardship: Sam Safi</li> </ol>	
Desired Outcome:	Discussion and input on revised pages and/or 2016 workplans	
Contact Person:	Val Connor <a href="mailto:valerieconnor@att.net">valerieconnor@att.net</a>	

<b>Item</b>	<b>4</b>	<b>Approx. Time</b>
Title of Topic:	<b>Strategic Planning Discussion</b>	30 min

Background:	At our January meeting we began a discussion on broad strategic goals. Each person was asked why they participate in the Workgroup, and what would make the Workgroup more vital to them and their organizations. We did not have time for everyone to contribute, so we will continue the discussion.	
Desired Outcome:	Information Exchange directed toward improving the usefulness of the Workgroup for participating agencies.	
Contact Person:	Val Connor <a href="mailto:valerieconnor@att.net">valerieconnor@att.net</a>	
<b>Item</b>	<b>5</b>	<b>Approx. Time</b>
Title of Topic:	<b>Who are we?</b>	15 min
Background:	Currently the portal and the Council's webpage list several entities that participate in the Workgroup. It is time to review that list and make sure it is current. It is also time to recruit new membership to replace folks we have lost.	<b>Approx. Time</b>
Desired Outcome:	Identify current members of the workgroup, and worker bee teams, and identify potential new members.	30 min
Contact Person:	Val Connor <a href="mailto:valerieconnor@att.net">valerieconnor@att.net</a>	
Desired Outcome:	General review and discussion	
Contact Person:	Amye or Dave Osti <a href="mailto:amy@34North.com">amy@34North.com</a> ; <a href="mailto:David@34North.com">David@34North.com</a>	

<b>Item</b>	<b>6</b>	<b>Approx. Time</b>
Title of Topic:	<b>Review DJFMP data visualizations</b>	45 min
Background:	A lot of progress has been made on the Delta Juvenile Fish Monitoring Program data visualization. The web service to the USFWS database has been developed. 34N has met with the Delta scientists who rely on the data to develop ways to visualize the data. Data will be used on the Estuary Portal Living Resources section, and in management tools such as data dashboards. 34N will show the progress to date.	
Desired Outcome:	General review and discussion	
Contact Person:	Amye or Dave Osti <a href="mailto:amy@34North.com">amy@34North.com</a> ; <a href="mailto:David@34North.com">David@34North.com</a>	
Attachments:		

<b>Item</b>	<b>7</b>	<b>Approx. Time</b>
Title of Topic:	<b>Bay Delta Live Coordination</b>	15 min
Background:	The Estuaries Portal originally piggybacked on technology developed for BDL. We will cover current collaborative efforts, the BDL work team, recent developments,	

	and future outlooks and areas for synergies.
Desired Outcome:	Coordination and collaboration
Contact Person:	Russ Ryan <a href="mailto:rryan@mwdh2o.com">rryan@mwdh2o.com</a> Val Connor <a href="mailto:Valerieconnor@att.net">Valerieconnor@att.net</a>

<p><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.</p>
<p>Title of Topic:</p> <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>

**CALIFORNIA WATER QUALITY MONITORING COUNCIL**

**California Estuary Monitoring Workgroup  
Meeting Notes**

**Wednesday, January 13th – 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: **737615#** and join the WebEx meeting from here:  
<https://meetings.webex.com/collabs/meetings/join?uuid=MBGDD6OPGE2GRKPJ9Q3GSUCVIZ-GQBN>

Access Information  
 Meeting number: 197 972 771  
 Meeting password: This meeting does not require a password.

<b>Item</b>	<b>1</b>	
Title of Topic:	<b>Guest Presentation by Lisa De Bruyckere on Pacific Marine and Estuarine Fish Habitat Partnership</b>	
	The Partnership is one of 19 nationally recognized entities seeking to improve juvenile fish habitat. Over the last three years they have developed great products on estuary inventories, condition, etc. Lisa will brief us on the Partnership and their products.	
Desired Outcome:	Information Exchange	
Notes:	Lisa DeBruyckere, the Coordinator for the Pacific Marine and Estuarine Fish Habitat Partnership (PMEP) provided a presentation informing the CEMW on her group’s latest undertakings. The Partnership has started a nursery habitat assessment of the west coast to (1) build an online database of existing data on juvenile fish presence, abundance, and distribution, (2) characterize nursery roles of estuaries for focal group of 15 species, and (3) improve knowledge of habitat requirements of those species to improve management. The Partnership used Coastal and Marine Ecological Classification Standard (CMECS), which offers a standard framework and common terminology for describing natural and human influenced ecosystems for the upper tidal reaches of the estuaries to the deepest portions of the ocean, resulting in GIS data of Oregon’s estuaries and an online planning atlas that improved the footprint of mapping in individual estuaries. The Partnership has produced a report that can be found here: <a href="http://www.pacificfishhabitat.org/products">http://www.pacificfishhabitat.org/products</a> .	

<b>Item</b>	<b>2</b>	
Title of Topic:	<b>Introduction and Announcements</b>	
	1) Introductions and announcements 2) Review notes from last CEMW meeting 3) Review agenda for today	
Desired Outcome:	Approve meeting notes	
Notes:	CA DFW: April Hennessy, CAL EPA: Wes Smith (Phone), DSC/DSP: Maggie Christman, Yumiko Henneberry, Delta Conservancy: Kathryn Kynett, GEI: Val Connor, Monitoring Council: Kris Jones, Moss Landing Marine Lab: Kevin O'Connor (Phone), MWD: Russ Ryan, PMEP: Lisa De Bruyckere (Phone), SFCWA: Kelsey Cowin, SFEI: Tony Hale (Phone) SRCSD: Sam Safi, SWRCB: Cliff Harvey (Phone), USFWS: Matt Dekar, 34 North: Dave Osti (Phone)	

<b>Item</b>	<b>3</b>	
Title of Topic:	<b>Liaison Reports</b>	
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> <ul style="list-style-type: none"> <li>10. CA WQMC: Kris Jones (15 min)</li> <li>11. CA Wetland Monitoring Workgroup: Kristal Davis Fadtkke and Kris Jones</li> <li>12. Healthy Streams Partnership: Lori Webber</li> <li>13. Data Management Workgroup: Tony Hale/Christina Grosso</li> <li>14. BOG workgroup for "Is it safe to eat fish?": Kris Jones</li> <li>15. Safe to Swim Workgroup: Kris Jones</li> <li>16. Ocean/Rocky Intertidal Workgroup: Kris Jones</li> </ul>	
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>1. Monitoring Council- The December 2015 meeting was canceled. The Council will meet on February 23 to discuss future direction.</li> <li>2. Wetlands- No Update</li> <li>3. Streams- No Update</li> <li>4. Data Management- At the workgroup's January 5<sup>th</sup> Meeting, Melissa Morris presented on updates to SWAMP's data management and potential opportunities for the workgroup to eliminate duplications of efforts. The workgroup has created sub committees to implement recommendations from the Enhancing the Vision for Managing California's Environmental</li> </ul>	

	<p>Information report, and develop information products to further explain the technical concepts in the recommendations (i.e. data federations and web services).</p> <ol style="list-style-type: none"> <li>5. BOG- The group is developing their 2016 workplan and are looking to focus on communicating fish contaminates issues to the public. The group is planning on updating their portal pages to include an open-source base map that will provide updates on sampling.</li> <li>6. Safe to Swim- No Updates</li> <li>7. Oceans- No Updates</li> </ol>
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<b>Item</b>	<b>4</b>	
Title of Topic:	<b>2016 Work Plans</b>	
Background:	<p>We update annual work plans in March, so we should start thinking about updating or starting new work plans for 2016. Draft work plans will be discussed. Attribute Section Leads will provide updates</p> <ol style="list-style-type: none"> <li>1. Water: Erin Foresman/Stephanie Fong</li> <li>2. Living Resources: Shaun Philippart             <ol style="list-style-type: none"> <li>a. Phytoplankton: Tiffany Brown</li> <li>b. Zooplankton: April Henesy</li> <li>c. Benthics: Betsy Wells</li> <li>d. Fish: Matt Dekar</li> </ol> </li> <li>3. Habitat: Kristal Davis Fadtke (20 min)</li> <li>4. Ecological Processes: Hildie Spautz</li> <li>5. Stewardship: Sam Safi and Kristal Davis Fadtke</li> </ol>	
Desired Outcome:	General discussion and feedback to allow workplans to be completed in March.	
Contact Person:	Valerie Connor <a href="mailto:valerieconnor@att.net">valerieconnor@att.net</a>	
Notes:	<p>For groups that have not yet developed their 2016 workplans, please have a draft outline by our March 9<sup>th</sup> meeting.</p> <ol style="list-style-type: none"> <li>1. Water: No Update</li> <li>2. Living Resources: The group will be focus on updating the look and feel and the Water Quality Conditions Report. The benthic section will be used as a proof of concept             <ol style="list-style-type: none"> <li>a. The Fish group is almost ready to launch new pages on Bay Delta Live, for 2016 the group will determine the best cross over material for the Estuary Portal</li> </ol> </li> <li>3. Habitat: The group is planning to meet to discuss future updates and crossover between the Estuary and Wetland Portals.</li> <li>4. Ecological Processes: No Update</li> <li>5. Stewardship: The group met in December and page updates are being reviewed by the Delta Conservancy for additions. They group will be</li> </ol>	

	creating some mock ups to present to the larger workgroup.
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<b>Item</b>	<b>5</b>	
Title of Topic:	<b>Five Year Review of CEMW</b>	
Background:	Believe it or not, the CEMW began meeting 5 years ago. It is time to take a fresh look at our charter and review our strategic goals and objectives. This doesn't need to be a big effort. At this meeting I would like everyone to define what they view as "success" for our workgroup. What would make us more useful to your agency?	
Desired Outcome:	Information Exchange	
Contact Person:	Val Connor <a href="mailto:Valerieconnor@att.net">Valerieconnor@att.net</a> or Kris Jones <a href="mailto:Kristopher.Jones@water.ca.gov">Kristopher.Jones@water.ca.gov</a>	
Notes:	Individual members of the workgroup discussed what their own organizations are hoping to achieve by participating in the CEMW. The Monitoring Council is hoping to focus the portals on topics that will help inform management decisions. Others in the group are hoping to improve technical data sharing and visualization for many different topics, as well as fulfilling reporting obligations with more efficiency. The group was asked to continue thinking about their view of "success" to discuss further at the next meeting.	

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<p>Title of Topic:</p> <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>