

**CALIFORNIA WATER QUALITY MONITORING COUNCIL**  
**Monitoring Council Meeting Agenda**  
**Wednesday, November 28, 2012 – 9:00 AM to 4:00 PM**

Training Room 1 East/West – First Floor  
 Joe Serna Jr. Cal/EPA Headquarters Building  
 1001 I Street, Sacramento



**IMPORTANT INFORMATION!!**

Meetings of the Monitoring Council are open to the public. Times indicated in the agenda are approximate. The order of agenda items is subject to change. Actions of the Monitoring Council are advisory to the Secretaries of the California Environmental Protection Agency and the California Natural Resources Agency.

Handouts, presentations, and related meeting and Monitoring Council information will be available prior to or after the meeting at [http://www.mywaterquality.ca.gov/monitoring\\_council/meetings/](http://www.mywaterquality.ca.gov/monitoring_council/meetings/).

Remote access to the meeting will be available via WebEx. To join the WebEx on-line meeting, click on this link <https://waterboards.webex.com/waterboards/j.php?ED=194237047&UID=0&PW=NNGZmZGFIMzFi&RT=MiM0>, enter your name and email address, enter the meeting password "cwqmc", click "Join Now" and follow the instructions that appear on your screen. You may log in up to 15 minutes before the meeting starts to allow WebEx to set up the meeting connection. WebEx will automatically set up Meeting Manager the first time you join a WebEx meeting. Participation by teleconference only is available by dialing (888) 764-9721 and entering the attendee access code 363 618 0.

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<b>ITEM:</b>	<b>1</b>		<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>INTRODUCTIONS AND HOUSEKEEPING</b>		10 minutes
<b>Purpose:</b>	1) Introductions 2) Review <a href="#">draft notes from August 29, 2012 Monitoring Council meeting</a> 3) Review agenda for today's meeting		
<b>Desired Outcome:</b>	a) Approve August 29, 2012 Monitoring Council meeting notes b) Preview what will be covered today and overall meeting expectations c) Adjust today's agenda, as needed		
<b>Attachment Links:</b>	<a href="#">Draft notes from August 29, 2012 Council meeting</a>		
<b>Contact Person:</b>	Jon Marshack	<a href="mailto:jmarshack@waterboards.ca.gov">jmarshack@waterboards.ca.gov</a> , 916-341-5514	

<b>ITEM:</b>	<b>2</b>		<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>ANNOUNCEMENTS AND UPDATES</b>		20 minutes
<b>Purpose:</b>	These are expected to be brief informational items that could be expanded into more detailed discussions for future meetings: a) Sara Aminzadeh's appointment as Executive Director of the California		

	<p>Coastkeeper Alliance</p> <p>b) Wetland Portal and EcoAtlas review postponed to March 7, 2013 meeting</p> <p>c) Update on the joint meeting of the Data Management Workgroup, the Wetland Monitoring Workgroup, and lead persons from Estuary and Healthy Streams workgroups</p> <p>d) Other announcements and updates related to the Monitoring Council's mission pursuant to Senate Bill 1070 (Kehoe, 2006)</p>	
<b>Desired Outcome:</b>	<ul style="list-style-type: none"> <li>Information and feedback</li> </ul>	
<b>Background:</b>	<p>b) A new California Wetlands Portal and EcoAtlas GIS data system were to be reviewed for public release approval at this meeting. Recent changes and staff time commitments necessitate moving this item to the first Monitoring Council meeting in 2013.</p> <p>c) At the August 2012 monitoring Council meeting, Eric Stein and Steve Steinberg provided an update on efforts of the Wetland Monitoring Workgroup and the Data Management Workgroup to address wetland and other aquatic resource mapping and data management needs. The Monitoring Council recommended that the two workgroups meet jointly to determine how each can assist the other in the areas of GIS and data management. That meeting is scheduled for November 20. The Monitoring Council Co-Chairs also decided to pursue the issue of state stewardship for California's portion of the National Hydrography Dataset (NHD) and the National Wetlands Inventory (NWI).</p>	
<b>Attachment Links</b>	<p>c) <a href="#">Draft notes from the August 2013 Monitoring Council meeting</a> (see item 4)</p>	
<b>Contact Person:</b>	Jon Marshack	<a href="mailto:jmarshack@waterboards.ca.gov">jmarshack@waterboards.ca.gov</a> , (916) 341-5514

<b>ITEM:</b>	<b>3</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>WATER QUALITY MONITORING AND DATA COLLECTED BY THE DEPARTMENT OF PESTICIDE REGULATION</b>	60 minutes
<b>Purpose:</b>	David Duncan will present information on the surface water and groundwater monitoring programs and other data collected by the California Department of Pesticide Regulation that may be relevant to the work of the Monitoring Council	
<b>Desired Outcome:</b>	<p>Information and discussion about how the Department's monitoring efforts could fit within the Monitoring Council's comprehensive monitoring program strategy. Potential topics for discussion include:</p> <p>a) What questions is the Department addressing with these monitoring efforts?</p> <p>b) What is monitored where?</p> <p>c) How is data quality ensured and documented?</p> <p>d) How are the data assessed and what thresholds are used?</p> <p>e) How are the data managed? Could they be connected with CEDEN?</p> <p>f) What theme-specific workgroup efforts would benefit from including the Department's data?</p>	

<b>Background:</b>	The California Department of Pesticide Regulation, within the California Environmental Protection Agency, is the lead state governmental organization charged with protecting human health and the environment by regulating pesticide sales and use, and by fostering reduced-risk pest management. Associated with these responsibilities, the Department monitors surface water and groundwater to detect the migration of pesticides from their point of use to evaluate health and environmental threats.	
<b>Contact Persons:</b>	David Duncan	<a href="mailto:dduncan@cdpr.ca.gov">dduncan@cdpr.ca.gov</a> ; (916) 445-3870

<b>ITEM:</b>	<b>4</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>SAFE TO DRINK WORKGROUP AND PORTAL DEVELOPMENT</b>	45 minutes
<b>Purpose:</b>	Mark Emmerson will present an update on efforts of the Safe to Drink Workgroup to coordinate drinking water related monitoring, assessment and reporting through the development of a Safe to Drink Portal	
<b>Desired Outcome:</b>	Discussion and comment on progress made to date, and specifically on the Phase 1 questions that would drive navigation from the 'Safe to Drink' landing page, the data sets linked to each question, and the supplier	
<b>Background:</b>	A workgroup and portal devoted to the safety of water for drinking and related uses were envisioned as part of the Monitoring Council's recommended <i>Comprehensive Monitoring Program Strategy for California</i> . The Department of Public Health, Division of Drinking Water and Environmental Management has agreed to lead this effort. Initial seed funding is being supplied by the State Water Board for portal development assistance by staff of the Southern California Coastal Water Research Project and the Water Education Foundation. A workgroup has been assembled, drawing staff from CDPH, WEF, the State Water Board, Department of Water Resources, the Association of California Water Agencies, Environment Now, and the Carmichael Water District. A draft workgroup charter has been developed.	
<b>Attachment Links:</b>	<ul style="list-style-type: none"> <li>• <a href="#">Safe to Drink Workgroup web page</a></li> <li>• <a href="#">Draft Charter for the Safe to Drink Workgroup</a></li> </ul>	
<b>Contact Persons:</b>	Mark Emmerson	<a href="mailto:memmerso@cdph.ca.gov">memmerso@cdph.ca.gov</a> ; (916) 445-6190

<b>ITEM:</b>	<b>5</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>CALIFORNIA WATER PLAN 2013 UPDATE: OPTIMIZING DATA MANAGEMENT AND USE</b>	45 minutes
<b>Purpose:</b>	<ul style="list-style-type: none"> <li>• Karl Longley will present the results of a California Council on Science and Technology (CCST) survey of water related technology needs</li> <li>• Update on the California Water Plan Update 2013 water sustainability indicators and decision support tool web portal and potential collaboration with My Water Quality portals and EPA Healthy Watershed Initiative project</li> </ul>	

<b>Desired Outcome:</b>	CCST requests that the Monitoring Council evaluate the attached draft memorandum, provide suggestions, and identify additional existing or emergent technologies and barriers to implementation.	
<b>Background:</b>	<p>California Water Plan Update 2013 is currently being developed by staff from the Department of Water Resources (DWR) and other agencies through public involvement and State and federal agency coordination processes. It will build on the contents of the previous update – the five-volume California Water Plan Update 2009, which provided a strategic plan, a suite of resource management strategies, reports on California’s hydrologic regions, and reference and technical guides – and will introduce a number of key additions and enhancements in response to stakeholder recommendations and evolving decision-maker information needs.</p> <p>As a component of the California Water Plan Update 2013, the California Council on Science and Technology (CCST) is seeking to determine how innovations in science and technology can be used to improve California's integrated water management. CCST has conducted an online survey regarding existing and proposed water related technology, targeting people with water expertise from a variety of sectors, and has pulled together lists of typical responses. CCST requests that the Monitoring Council evaluate the attached draft memorandum addressing water management issues developed from responses provided by the CCST survey, and provide suggestions as needed. CCST also asks Council members to identify existing or emergent technologies and barriers to implementation that have not been raised by their survey.</p> <p>Another component of the Water Plan Update involves the development of water sustainability indicators and a web-based decision support tool to help water resource managers ensure the sustainability of California’s water resources. Water quality and aquatic ecosystem health indicators are included in this effort. A meeting is scheduled for November 21 between staff of the State Water Board and DWR to explore potential coordination with the Healthy Streams Portal and the EPA Healthy Watersheds Initiative project.</p>	
<b>Attachment Links:</b>	<ul style="list-style-type: none"> <li>• <a href="#">Draft Memorandum: Optimizing Management and Use</a></li> <li>• <a href="#">California Water Plan Update 2013 brochure</a></li> </ul>	
<b>Contact Persons:</b>	Karl Longley Jon Marshack	<a href="mailto:karll@csufresno.edu">karll@csufresno.edu</a> ; (559) 278-8658 <a href="mailto:jmarshack@waterboards.ca.gov">jmarshack@waterboards.ca.gov</a> ; (916) 341-5514

<b>LUNCH</b>	<b>Approx. Time:</b>
On your own. Cafe on first floor. Other restaurants in close proximity to building.	60 minutes

<b>ITEM:</b>	<b>6</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>COLLABORATIVE REGIONAL MONITORING PROGRAMS IN NORTHERN AND CENTRAL CALIFORNIA</b>	120 minutes
<b>Purpose:</b>	This item is continued from the Augusts 2012 meeting. Each of the following monitoring programs will provide a short introduction, followed by a panel	

	<p>discussion guided by the questions below.</p> <p><b>Programs</b> (presenters/representatives)</p> <ol style="list-style-type: none"> <li>1. Delta Regional Monitoring Program (Meghan Sullivan, Stephanie Fong)</li> <li>2. San Joaquin River Regional Monitoring Program (Parry Klassen, Rudy Schnagl)</li> <li>3. Central Valley Agricultural Waiver Monitoring Program (Susan Fregien, Parry Klassen)</li> <li>4. Sierra Streams Institute/Friends of Deer Creek (John Norton)</li> <li>5. San Francisco Bay Stormwater Regional Monitoring Coalition (Armand Ruby)</li> </ol> <p><b>Questions</b></p> <ol style="list-style-type: none"> <li>a. What caused the coordination to occur?</li> <li>b. Why has it been successful?</li> <li>c. Has the coordination resulted in tools that would benefit coordination efforts by others?</li> <li>d. Would a tool like the <a href="#">Central Valley Monitoring Directory</a> have been helpful in getting the coordination going?</li> <li>e. How are the data being managed and made available?</li> <li>f. What are measures of success?</li> <li>g. How are portals fitting into your programs?</li> <li>h. What agency data are being integrated?</li> <li>i. What is the role of citizen volunteer monitoring?</li> <li>j. What do you need from the Monitoring Council?</li> </ol>
<p><b>Desired Outcome:</b></p>	<ul style="list-style-type: none"> <li>• Elucidate the reasons why some collaborative regional monitoring efforts are successful</li> <li>• Can those successes benefit or be transferred to other monitoring efforts and if so, how?</li> </ul>
<p><b>Background:</b></p>	<p>An agenda item on successful collaborative regional monitoring programs in Southern California was part of the May 2012 Monitoring Council meeting. This item was held as a consolidated panel discussion to enhance direct sharing of information between established monitoring programs and to include additional monitoring programs that are not yet fully developed.</p> <p>At the August 2012 Monitoring Council meeting, Item #7 similarly focused on collaborative regional monitoring programs in Northern and Central California. There was insufficient time for all programs to present. Presentations by the remaining programs were continued to the November meeting.</p>
<p><b>Attachment Links:</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Central Valley Monitoring Directory brochure</a></li> <li>• <a href="#">Notes of May 2012 Monitoring Council Meeting</a> (see Item 6)</li> <li>• <a href="#">Draft notes from August 29, 2012 Council meeting</a> (see Item 7)</li> </ul>
<p><b>Contact Person:</b></p>	<p>Jon Marshack      <a href="mailto:jmarshack@waterboards.ca.gov">jmarshack@waterboards.ca.gov</a>, (916) 341-5514</p>

<b>ITEM:</b>	<b>7</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>CLEAN WATER ACT RETROSPECTIVE OF SOUTHERN CALIFORNIA OCEAN MONITORING DATA AND INFORMATION</b>	50 minutes
<b>Purpose:</b>	<p>Ken Schiff will present a technical report prepared by the Southern California Coastal Water Research Project (SCCWRP) upon the 40<sup>th</sup> anniversary of the Clean Water Act, providing a retrospective on water quality monitoring data and information for Southern California ocean waters.</p> <p><b>Note: This agenda item will only be heard if sufficient time exists after previous agenda items have been completed.</b></p>	
<b>Desired Outcome:</b>	Steve Weisberg recommended that the Monitoring Council understand how difficult it was to assemble the legacy data and discuss how to make available present and future data.	
<b>Background:</b>	<p>The Clean Water Act (CWA), enacted on October 18, 1972, brought forth many changes in management of the nation's waterways. Primarily aimed at restoring the integrity of polluted waterways, one essential component of the CWA was implementing water quality monitoring programs in specific affected areas to guide decision-making and evaluate progress. In southern California's coastal ocean waters, dozens of organizations have spent millions of dollars each year to take hundreds of thousands of water quality, toxicity, and biological indicator measurements. A mix of targeted monitoring around discharge sites, special studies, and collaborative regional monitoring to assess large-scale environmental changes has provided a strong foundation for environmental management specifically adapted to the region. At the same time, the region's history and characteristics provide a unique opportunity to tell part of the CWA story. This document reflects on 40 years of change, while commemorating the dedication of many individuals and organizations to a fundamental change in ocean stewardship.</p>	
<b>Attachment Links:</b>	<a href="#">SCCWRP Technical Report – Forty Years after the Clean Water Act: A Retrospective Look at the Southern California Coastal Ocean</a>	
<b>Contact Persons:</b>	Ken Schiff	<a href="mailto:kens@sccwrp.org">kens@sccwrp.org</a> ; (714) 755-3202

<b>ITEM:</b>	<b>8</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>MEETING WRAP-UP</b>	10 minutes
<b>Purpose:</b>	<p>Plan agenda for March 7, 2013 Monitoring Council meeting in Sacramento. Potential items include:</p> <ol style="list-style-type: none"> <li>1) 2012 Monitoring Council Annual Report to Agency Secretaries, including Workgroup reports</li> <li>2) Update on the USEPA Healthy Watersheds Initiative, California Project to assess watersheds throughout the state and identify healthy watersheds</li> <li>3) Update on potential state stewardship for California's portion of the National Hydrography Dataset and the National Wetlands Inventory (Jonathan Bishop and Dale Hoffman-Floerke)</li> </ol>	

	<p>4) Possibility of holding an annual conference. A representative from the Maryland Monitoring Council should be invited to participate by phone (see <a href="#">May 2012 notes</a>, Item 2d)</p> <p>5) Water Board new effort to gather groundwater monitoring data in support of potential future programmatic actions (Eric Oppenheimer, John Borkovich)</p> <p>6) Potential endorsement by the Monitoring Council of a regional approach to monitoring, rather than end-of-pipe monitoring</p> <p>7) Department of Fish &amp; Game monitoring (Glenda Marsh, Adam Ballard, Robert Holmes, Josh Grover, Chad Dibble, Pete Ode)</p> <ul style="list-style-type: none"> <li>a) Coordination</li> <li>b) Financial support</li> <li>c) Flow</li> <li>d) Data Management – CEDEN for water quality data?</li> <li>e) Monitoring Council endorsement of collaboration?</li> </ul> <p>8) Ocean Ecosystem Health</p> <ul style="list-style-type: none"> <li>a) Plans for Ocean Ecosystem Workgroup and new Ocean Health Portal</li> <li>b) Areas of Special Biological Significance (ASBS) monitoring (Ken Schiff)</li> <li>c) Marine Protected Area (MPA) Monitoring Enterprise (Liz Whiteman)</li> </ul>	
<b>Desired Outcome:</b>	Develop agenda for the next meeting	
<b>Contact Person:</b>	Jon Marshack	<a href="mailto:jmarshack@waterboards.ca.gov">jmarshack@waterboards.ca.gov</a> , (916) 341-5514