

## CALIFORNIA WATER QUALITY MONITORING COUNCIL

### Monitoring Council Meeting Agenda

Thursday, December 12, 2013 – 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=33819403&UID=0&PW=NOTkyYzhmYWM4&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.

*Note: Users of Mozilla Firefox version 26 or Google Chrome version 32 will need to enable the WebEx Plug-in; for detailed instructions see [https://support.webex.com/webex/meetings/en\\_US/chrome-firefox-join-faq.htm](https://support.webex.com/webex/meetings/en_US/chrome-firefox-join-faq.htm). Users of Internet Explorer versions 10 or 11 will need to run in compatibility mode.*

For a map to the Cal/EPA Building, visit: <http://www.calepa.ca.gov/EPABldg/location.htm>. For security purposes, all visitors are required to sign in and receive a badge at the Visitor Center to the left of the lobby upon entering the building. Valid picture identification may be required due to the security level. Individuals who require special accommodations are requested to contact the State Water Board's Equal Employment Opportunity Office at (916) 341-5881.

<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 (in the room and on the phone) 2) Review draft notes from August 28, 2013 Monitoring Council meeting 3) Review agenda for today's meeting		
<b>Desired Outcome:</b>	a) Approve August 28, 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 28, 2013 Council meeting</a>		
<b>Contact Persons:</b>	Jon Marshack	<a href="mailto:jon.marshack@waterboards.ca.gov">jon.marshack@waterboards.ca.gov</a> , (916) 341-5514	
	Kris Jones	<a href="mailto:kristopher.jones@water.ca.gov">kristopher.jones@water.ca.gov</a> , (916) 376-9756	

<b>ITEM:</b>	<b>2</b>		<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>ANNOUNCEMENTS AND UPDATES</b>		30 minutes

<p><b>Purpose:</b></p>	<p>These are expected to be brief informational items that could be expanded into more detailed discussions for future meetings:</p> <ul style="list-style-type: none"> <li>a) Confirm 2014 Monitoring Council meeting dates (Kris Jones) <ul style="list-style-type: none"> <li>• February 19 – Sacramento</li> <li>• May 28 – Costa Mesa</li> <li>• August 27 – Sacramento</li> <li>• December 10 – Sacramento</li> </ul> </li> <li>b) Potential state stewardship for California's portion of the National Hydrography Dataset and the National Wetlands Inventory (Karen Larsen and Stephani Spaar)</li> <li>c) Delta Science Plan (Kris Jones) <ul style="list-style-type: none"> <li>• How were Monitoring Council comments on earlier drafts addressed?</li> <li>• Potential comments on final draft (published 10/17/13)</li> </ul> </li> <li>d) MPA/ASBS monitoring coordination (Sara Aminzadeh) <ul style="list-style-type: none"> <li>• Monitoring Council letter to Ocean Protection Council</li> <li>• Ocean Protection Council Meeting of November 21, 2013</li> </ul> </li> <li>e) Meeting with staff of Assembly Committee on Water, Parks and Wildlife (Jon Marshack)</li> <li>f) Other announcements and updates related to the Monitoring Council's mission pursuant to Senate Bill 1070 (Kehoe, 2006)</li> </ul>
<p><b>Desired Outcome:</b></p>	<p>Information and comment</p>
<p><b>Background:</b></p>	<ul style="list-style-type: none"> <li>b) <b>State Stewardship for NHD and NWI</b> – The Wetland Monitoring Workgroup has recommended on multiple occasions that the State of California establish stewardship for its portion of the National Hydrography Dataset (NHD) and the National Wetlands Inventory (NWI). These maps of the nation's water resources are maintained by the U.S. Geological Survey and the U.S. Fish and Wildlife Service, respectively. A number of local and regional interests have become local stewards for portions of these maps, ground-truthing and refining maps of water resources in various areas of California. For example, the San Francisco Estuary Institute has intensively mapped water resources in the Bay Area. The base-map of <a href="#">EcoAtlas</a>, the <a href="#">California Aquatic Resources Inventory (CARI)</a>, is based on NHD, NWI, and more intensive and up-to-date mapping efforts performed by SFEI and others. For the results of these more intensive mapping efforts to be made available to others and to maintain a master map of California's water resources for various purposes, these mapping efforts need to be fed back into the NHD and NWI national maps. Having a state steward would help to coordinate and facilitate improved mapping of water resources throughout California, would enable easier updating of California's portion of NHD and NWI, and would improve consistent use of a single map of California's water resources. In the <a href="#">2011 Annual Progress Report</a>, the Monitoring Council asked that the Secretaries of Cal/EPA and the Natural Resource Agency endorse state stewardship of NHD and NWI.</li> <li>c) <b>Delta Science Plan</b> – At the Monitoring Council's August 29 meeting, Rainer Hoenicke of the Delta Stewardship Council presented <a href="#">information on the development of a Delta Science Plan</a> to foster positive collaboration that would improve scientific understanding of Delta resources. Due to the strong overlap between the mission of the Delta Science Plan and that of the</li> </ul>

	<p>Monitoring Council, the Monitoring Council Coordinators submitted <a href="#">comments on the first draft</a> and the Monitoring Council submitted <a href="#">comments on the second draft</a> of the Plan. The thrust of those comments asked that the Delta Science Plan build on existing coordination efforts of the Monitoring Council and its workgroups, rather than start from scratch. A proposed final draft of the Delta Science Plan was released on October 17.</p> <p>d) <b>MPA/ASBS Monitoring Coordination</b> – At the Monitoring Council’s May 29, 2013 meeting, during the discussion of ASBS monitoring, Sara Aminzadeh was tasked with drafting a supportive letter from the Monitoring Council to the Ocean Protection Council (OPC) regarding ASBS and MPA coordination, requesting that some of the funds for MPA monitoring be dedicated to integration between MPA and ASBS programs. A draft of that letter was circulated to Monitoring Council Members by email and a <a href="#">final version</a>, signed by Monitoring Council Co-Chairs, was submitted to the Ocean Protection Council on November 15. Sara Aminzadeh attended the November 21 meeting of the OPC to discuss this letter.</p> <p>e) <b>Meeting With Legislative Staff</b> – At the invitation of Delta Conservancy Assistant Executive Officer Shakoora Azimi-Gaylon, Jon Marshack joined Shakoora in a meeting with Tina Cannon Leahy, Principal Consultant to the Assembly Committee on Water, Parks and Wildlife on November 18. The purpose of the meeting was to continue a May 6 discussion of potential legislation to improve access to water resources data. The meetings were prompted by <a href="#">Assembly Bill 378 (Hueso)</a> that was intended to break down current silos of monitoring and research data regarding the Sacramento-San Joaquin Delta.</p>				
<b>Attachment Links</b>	<p>c) <a href="#">Draft notes from August 28, 2013 Council meeting</a> (see Item #6)  <a href="#">Monitoring Council Coordinator Comments on First Draft Delta Science Plan</a>  <a href="#">Monitoring Council Comments on Second Draft Delta Science Plan</a>  <a href="#">Proposed Final Draft of the Delta Science Plan</a></p> <p>d) <a href="#">Draft notes from August 28, 2013 Council meeting</a> (see Item #2a)  <a href="#">Monitoring Council letter to Ocean Protection Council on ASBS and MPA monitoring integration</a></p>				
<b>Contact Persons:</b>	<table border="0"> <tr> <td data-bbox="415 1407 727 1459">Kris Jones</td> <td data-bbox="727 1407 1494 1459"><a href="mailto:kristopher.jones@water.ca.gov">kristopher.jones@water.ca.gov</a>, (916) 376-9756</td> </tr> <tr> <td data-bbox="415 1459 727 1520">Jon Marshack</td> <td data-bbox="727 1459 1494 1520"><a href="mailto:jon.marshack@waterboards.ca.gov">jon.marshack@waterboards.ca.gov</a>, (916) 341-5514</td> </tr> </table>	Kris Jones	<a href="mailto:kristopher.jones@water.ca.gov">kristopher.jones@water.ca.gov</a> , (916) 376-9756	Jon Marshack	<a href="mailto:jon.marshack@waterboards.ca.gov">jon.marshack@waterboards.ca.gov</a> , (916) 341-5514
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<b>ITEM:</b>	<b>3</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>CALIFORNIA CONSERVATION CORPS’ WATERSHED STEWARDSHIP PROJECT</b>	40 minutes
<b>Purpose:</b>	Carrie Lewis of the California Conservation Corps will describe how the Watershed Stewardship Project volunteers are helping the State Water Board and explore how other similar monitoring programs may want to take advantage of this state program.	
<b>Desired Outcome:</b>	Information and comment	

<b>Background:</b>	The State Water Board is partnering with the California Conservation Corps (CCC) to take advantage of their Watershed Stewardship Project (WSP) volunteers to accomplish water quality and flow monitoring and perform watershed and fish population assessments.	
<b>Attachment Links:</b>	<a href="#">Watershed Stewardship Project website</a>	
<b>Contact Person:</b>	Carrie Lewis	<a href="mailto:carrie.lewis@ccc.ca.gov">carrie.lewis@ccc.ca.gov</a> , (707) 725-8601

<b>ITEM:</b>	<b>4</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>SAFE-TO-DRINK PORTAL MOCKUP</b>	60 minutes
<b>Purpose:</b>	Mark Emmerson of the Department of Public Health will present a mock-up of a new Safe-to-Drink Portal to be linked from the <a href="#">My Water Quality website</a>	
<b>Desired Outcome:</b>	Approval to build Safe-to-Drink Portal	
<b>Background:</b>	<p>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 <a href="#">Comprehensive Monitoring Program Strategy for California</a>. The Department of Public Health (CDPH), Division of Drinking Water and Environmental Management is leading this effort. Funding was 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 (WEF). The <a href="#">Safe Drinking Water Workgroup</a> was 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. An <a href="#">update on this effort and a list of portal questions</a> were presented to the Monitoring Council at the November 29, 2012 meeting. Mark Emmerson presented an <a href="#">update on portal development</a> at the May 29, 2013 Monitoring Council Meeting and Bruce Burton provided another update at the August 28 Monitoring Council meeting. Comments included the following:</p> <ul style="list-style-type: none"> <li>• The portal needs to explain what the presented data mean, more than simply referencing MCLs; discuss health issues involved.</li> <li>• Source water information needs to be integrated, including groundwater quality information from the Water Board's GeoTracker GAMA system.</li> <li>• A map should also be included to show which surface waters are listed as impaired for drinking water-related beneficial uses, similar to maps presented in the Safe-to-Eat and Safe-to-Swim portals.</li> </ul> <p>Since its formation, the workgroup has held a number of meetings to develop portal content and build the mockup, using assistance from SCCWRP and WEF.</p>	
<b>Attachment Links:</b>	<ul style="list-style-type: none"> <li>• Safe-to-Drink Portal mockup – may be available prior to the meeting at <a href="http://www.MyWaterQuality.ca.gov/monitoring_council/meetings/">http://www.MyWaterQuality.ca.gov/monitoring_council/meetings/</a></li> <li>• <a href="#">Safe Drinking Water Workgroup web page</a></li> <li>• <a href="#">Draft notes from August 28, 2013 Council meeting</a> (see Item #2d)</li> <li>• <a href="#">Notes from May 29, 2013 Council meeting</a> (see Item #2f)</li> <li>• <a href="#">Notes from November 28, 2012 Council meeting</a> (see Item #4)</li> </ul>	

<b>Contact Person:</b>	Mark Emmerson	<a href="mailto:memmerso@cdph.ca.gov">memmerso@cdph.ca.gov</a> , (916) 445-6190
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<b>ITEM:</b>	<b>5</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>WATER BOARDS' GROUNDWATER WORKPLAN</b>	40 minutes
<b>Purpose:</b>	Eric Oppenheimer and John Borkovich of the State Water Board will present a Groundwater Workplan Concept Paper and background information	
<b>Desired Outcome:</b>	The State Water Board is interested in Monitoring Council thoughts on the relevance of the proposed framework for groundwater management as well as its applicability to groundwater-related programs statewide.	
<b>Background:</b>	The Water Boards are in the process of developing a workplan that aligns its current groundwater protection efforts and potential actions that the Water Boards could pursue with the ongoing actions of other entities with groundwater management responsibilities. A concept paper has been developed to describe a proposed workplan framework under which the Water Boards' groundwater activities would be organized. The concept paper provides a starting point for discussion and solicits input on a range of groundwater management issues. The State Water Board is meeting with various interests over the next several months to continue the dialogue on the proposed framework, and the combination of existing and proposed actions described in the concept paper. Comments are due by December 18, 2013.	
<b>Attachment Links:</b>	<ul style="list-style-type: none"> <li>• <a href="#">Groundwater Workplan Concept Paper and additional reference materials</a></li> <li>• <a href="#">Communities that Rely on a Contaminated Groundwater Source for Drinking Water (January 2013)</a></li> <li>• <a href="#">Recommendations Addressing Nitrate in Groundwater (February 2013)</a></li> <li>• <a href="#">Public Accessibility to Information about Groundwater Conditions (December 2010)</a></li> <li>• <a href="#">UC Davis Report on Addressing Nitrate in California's Drinking Water</a></li> </ul>	
<b>Contact Persons:</b>	Eric Oppenheimer	<a href="mailto:eric.oppenheimer@waterboards.ca.gov">eric.oppenheimer@waterboards.ca.gov</a> , (916) 445-5960
	John Borkovich	<a href="mailto:john.borkovich@waterboards.ca.gov">john.borkovich@waterboards.ca.gov</a> , (916) 341-5779

<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>TRIENNIAL AUDIT OF THE MONITORING COUNCIL'S STRATEGY</b>	170 minutes
<b>Purpose:</b>	Representatives of each workgroup of the Monitoring Council will present brief summaries of their triennial progress reports, followed by discussion among the Monitoring Council Members, Alternates, and EPA Liaison	

<p><b>Desired Outcome:</b></p>	<p>Guidance to the workgroups and the Monitoring Council Coordinators on the development of the first Triennial Self-Audit</p>
<p><b>Background:</b></p>	<p>At the August 28 meeting, the Monitoring Council discussed the need to develop the first Triennial Audit of implementing the Monitoring Council's <a href="#">Comprehensive Monitoring Program Strategy</a>, as required by <a href="#">SB 1070</a> [Water Code §13181(h)] and the <a href="#">Memorandum of Understanding between Cal/EPA and the Natural Resources Agency</a>. Since the workgroups are the main instruments to implement the strategy, the Monitoring Council asked that in place of a 2013 annual progress report, each workgroup provide their portion of the Triennial Audit, reviewing their workgroup's progress implementing the Monitoring Council's strategy since it's publication in December 2010. To guide this audit, the Monitoring Council's strategy contains a set of six "performance measures."</p> <ol style="list-style-type: none"> <li>1) Strategy, objectives, design</li> <li>2) Indicators and methods</li> <li>3) Data management</li> <li>4) Consistency of assessment endpoints</li> <li>5) Reporting</li> <li>6) Program sustainability</li> </ol> <p>These performance measures are outlined in Section 2.2.2 of the <a href="#">Comprehensive Monitoring Program Strategy</a>, beginning on page 22, along with rating benchmarks for each. More detail on the performance measures and benchmark ratings as they apply to each theme are found in Section 2.1.2 beginning on page 11 and in Appendix 3, Theme-by-Theme Evaluations, beginning on page A16 of the Monitoring Council's <a href="#">2008 Initial Recommendations</a> report.</p> <p>Each workgroup was asked to develop a concise factual evaluation of the progress made during the years 2011 through 2013, as measured against the performance measures and rating benchmarks, and to identify:</p> <ul style="list-style-type: none"> <li>• Explicit needs of the workgroup and</li> <li>• Where increased coordination is needed and from whom.</li> </ul> <p>The Monitoring Council Coordinators will use the workgroup audit reports to develop a draft of the overall Triennial Audit for Monitoring Council approval.</p>
<p><b>Attachment Links:</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Notes from November 28, 2012 Council meeting</a> (see Item #7)</li> <li>• <a href="#">CA Senate Bill 1070</a> (Kehoe, 2006, specifically Section 13181(h))</li> <li>• <a href="#">Memorandum of Understanding (MOU)</a> establishing the Monitoring Council (see section IV, 4 on page 4)</li> <li>• <a href="#">Comprehensive Monitoring Program Strategy</a> (see page 22)</li> <li>• Monitoring Council's <a href="#">2008 Initial Recommendations</a> report (see page 11 and Appendix 3)</li> <li>• Workgroup Progress Reports – these will be available prior to the meeting at <a href="http://www.MyWaterQuality.ca.gov/monitoring_council/meetings/">http://www.MyWaterQuality.ca.gov/monitoring_council/meetings/</a> <ul style="list-style-type: none"> <li>○ <a href="#">Safe Drinking Water Workgroup</a></li> <li>○ <a href="#">Safe-to-Swim Workgroup</a></li> <li>○ <a href="#">Bioaccumulation Oversight Group</a></li> <li>○ <a href="#">California Wetland Monitoring Workgroup</a></li> <li>○ <a href="#">Healthy Streams Partnership</a></li> <li>○ <a href="#">California Estuary Monitoring Workgroup</a></li> <li>○ <a href="#">Ocean and Coastal Ecosystem Workgroup</a></li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>o <a href="#">California Water Quality Monitoring Collaboration Network</a></li> <li>o <a href="#">Data Management Workgroup</a></li> </ul>				
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<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 February 19, 2014 Monitoring Council meeting in Sacramento. Potential items include:</p> <ol style="list-style-type: none"> <li>1) Triennial audit of the Monitoring Council's strategy implementation (Jon Marshack and Kris Jones)</li> <li>2) Update on the USEPA Healthy Watersheds Initiative, California Project to assess watersheds throughout the state and identify healthy watersheds (Lori Webber)</li> <li>3) Development of Monitoring Council recommendations to improve grant project monitoring, data management, assessment, and reporting</li> <li>4) Ocean Ecosystem Health (Liz Whiteman) <ol style="list-style-type: none"> <li>a) Plans for Ocean Ecosystem Workgroup and new Ocean Health Portal</li> <li>b) Marine Protected Area (MPA) Monitoring Enterprise and coordination with ASBS monitoring</li> </ol> </li> <li>5) Further information regarding the California Water Plan, Sustainability Indicators Framework (Fraser Shilling) <ol style="list-style-type: none"> <li>a) How the Monitoring Council can feed into it</li> <li>b) Is there a true nexus with the Healthy Watersheds Initiative project?</li> </ol> </li> <li>6) Department of Fish &amp; Wildlife monitoring (Glenda Marsh, Adam Ballard, Robert Holmes, Josh Grover, Chad Dibble, Pete Ode, Tom Lupo) <ol 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> </ol> </li> <li>7) 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)</li> </ol>				
<b>Desired Outcome:</b>	Develop agenda for the February 19, 2014 meeting				
<b>Contact Persons:</b>	<table border="1"> <tr> <td>Kris Jones</td> <td><a href="mailto:kristopher.jones@water.ca.gov">kristopher.jones@water.ca.gov</a>, (916) 376-9756</td> </tr> <tr> <td>Jon Marshack</td> <td><a href="mailto:jon.marshack@waterboards.ca.gov">jon.marshack@waterboards.ca.gov</a>, (916) 341-5514</td> </tr> </table>	Kris Jones	<a href="mailto:kristopher.jones@water.ca.gov">kristopher.jones@water.ca.gov</a> , (916) 376-9756	Jon Marshack	<a href="mailto:jon.marshack@waterboards.ca.gov">jon.marshack@waterboards.ca.gov</a> , (916) 341-5514
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**ADJOURN**