

CALIFORNIA WATER QUALITY MONITORING COUNCIL

Monitoring Council Meeting Agenda

Wednesday, June 1, 2016 – 10:00 AM to 4:00 PM

Large Conference Room
Southern California Coastal Water Research Project (SCCW RP)
3535 Harbor Blvd., Suite 110, Costa Mesa



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, notes, and related Monitoring Council meeting information will be available prior to or after the meeting at http://www.MyWaterQuality.ca.gov/monitoring_council/meetings.

Remote access to the meeting will be available via Global Meet Century Link. To join the on-line meeting, click on this link <https://stateofcaswrcbweb.centurylinkccc.com/CenturylinkWeb/JonMarshack>. Enter as a guest by typing your first and last name and email address into the boxes provided. Please log in a few minutes before the meeting starts to allow Global Meet to set up the meeting connection software on your computer by clicking on the “Launch Application” button if prompted to do so. Audio connection is via teleconference. Enter your phone number and click “Connect Me” to have GlobalMeet call your phone and add you to the meeting. Alternatively click “Dial-In” and then call (877) 820-7831. Existing audio equipment in our meeting room may limit the quality of the connection.

For a map to the Southern California Coastal Water Research Project, driving directions, and accommodations information, visit www.sccwrp.org/view.php?id=39. Individuals who require special accommodations are requested to contact SCCWRP at (714) 755-3200.

ITEM:	1	Approx. Time:
Title of Topic:	INTRODUCTIONS AND HOUSEKEEPING	10 minutes
Purpose:	1) Introductions (in the room and on the phone) 2) Review draft notes from February 23, 2016 Monitoring Council meeting and the November 16, 2015 Planning Subcommittee meeting 3) Review agenda for today's meeting	
Desired Outcome:	a) Approve August 27, 2015 Monitoring Council meeting notes and the November 16 Planning Subcommittee meeting notes b) Preview what will be covered today and overall meeting expectations c) Adjust today's agenda, as needed	
Attachment Links:	<ul style="list-style-type: none">Draft notes from February 23, 2016 Monitoring Council meeting	
Contact Person:	Jon Marshack	(916) 341-5514

ITEM:	2	Approx. Time:
Title of Topic:	PUBLIC FORUM	10 minutes
Purpose:	Any member of the public may address and ask questions of the Monitoring Council relating to any matter within the Council's jurisdiction under California	

	Senate Bill 1070 (Statutes of 2006) provided the matter is not on the agenda.	
Desired Outcome:	Information and potential agenda topics for a future meeting. No decisions can be made regarding items that have not received prior public notice.	
Attachment Link:	California Senate Bill 1070 (Statutes of 2006)	
Contact Person:	Jon Marshack	jon.marshack@waterboards.ca.gov , (916) 341-5514

ITEM:	3	Approx. Time:
Title of Topic:	MY WATER QUALITY WEB UPDATE	50 minutes
Purpose:	Jon Marshack will demonstrate the updated look and feel of the My Water Quality website and theme-based portals. The Monitoring Council will be asked to provide direction future development of the portals.	
Desired Outcome:	<p>Information and comment; direction on future portal development. Questions to consider include:</p> <ul style="list-style-type: none"> • To what extent should the question-driven navigation and page titles be retained? • What kinds of data and assessment information should be added and by whom? • Should the Safe-to-Drink Portal be built (mockup approved in late 2013)? 	
Background:	<p>At the August Monitoring Council meeting (Item #5), Kris Jones presented an adjusted mock-up for pages of the California Estuaries Portal, based on features that could be made available through conversion to the latest State of California website template. The Council was supportive of the revised look and feel and approved having the Estuary Monitoring Workgroup redesign Estuaries Portal accordingly. At the February Monitoring Council meeting (Item #5d), Val Connor presented information on the interagency efforts developing new content for the Estuaries Portal that will assist Delta resources managers with the information needed for real-time operations.</p> <p>Because My Water Quality has its own web domain and because all portions of My Water Quality are interconnected and share navigation, the State Water Board's Web Unit decided that the most efficient way to implement the template change was to migrate the entire My Water Quality website and all of the portals to the new template. Over the last several months, Jon Marshack worked with the State Water Board's web developers to migrate every page to the new template, adjust page content, and implement a new navigation system.</p> <p>The updated My Water Quality has a number of beneficial features, as compared with the earlier version:</p> <ul style="list-style-type: none"> • Reduced clutter and improved readability; • Enlarged content area on each page; • Automatic adjustment of page content when viewed on tablets and smartphones; • Improved drop-down menu navigation for easy access to each of the portals and to pages within each portal, workgroup web pages, and Monitoring 	

	<p>Council information;</p> <ul style="list-style-type: none"> • Portal-specific formatting, including customized banners and menus; and • Image carousel for the My Water Quality home page and, potentially for the home page of each portal, to highlight new content and announcements. <p>The My Water Quality web domain is now ready for each workgroup to take advantage of the new template features with updates to their portals and workgroup pages.</p>
Attachment Link:	<ul style="list-style-type: none"> • Notes from the August 2015 Monitoring Council Meeting (see Item #5) • Notes from the February 2016 Monitoring Council Meeting (see Item #5d) • Newly reformatted My Water Quality website and portals
Contact Person:	Jon Marshack jon.marshack@waterboards.ca.gov , (916) 341-5514

ITEM:	4	Approx. Time:
Title of Topic:	MONITORING COUNCIL LEGISLATIVE PRIORITIES FOR 2016	50 minutes
Purpose:	Council Members will provide updates of their legislative activities	
Desired Outcome:	Information sharing and comment; decisions on further action	
Background:	<p>At the February meeting (Item #6) the Monitoring Council tasked a committee composed of Jonathan Bishop, Karen Gehrtz, Kris Jones, and Jon Marshack with developing a straw-man concept paper, including talking points and specific legislative changes, for non-governmental Monitoring Council Members to use in addressing the legislature externally. Governmental Monitoring Council Members would work with their legislative affairs staff to propose the same bill changes. The committee developed amendment language that would strengthen the Monitoring Council and provide a potential pathway toward additional funding, along with a fact sheet and background document. The effects of the proposed amendments are summarized below.</p> <p><i>AB 501 amendment language</i></p> <ul style="list-style-type: none"> • Specify that the requirements that 85287(b) shall be met by the Water Quality Monitoring Council • Change the composition of the water quality monitoring council to include DFW, the Delta Stewardship Council and the Delta Conservancy <p><i>AB 1755 amendment language</i></p> <ul style="list-style-type: none"> • Designated the Monitoring Council, rather than the Department of Water Resources, to create, operate, and maintain a statewide integrated water data platform, allowing the Council to partner with an existing or new nonprofit organization or another state agency to do so. • Designate the Monitoring Council, rather than the Department of Water Resources, Department of Fish and Wildlife, and the State Water Board, to coordinate and integrate existing water and ecological data from local, state, and federal agencies. • Designate the Monitoring Council, rather than the specified state agencies, to 	

	<p>develop protocols for data sharing, documentation, quality control, public access, and promotion of open-source platforms and decision support tools related to water data.</p> <ul style="list-style-type: none"> • Change the composition of the Monitoring Council's to require participation of representatives from the Department of Fish and Wildlife, the Delta Stewardship Council and the Delta Conservancy. • Direct the Monitoring Council to consider all data that affects water quality, including water supply, flow and aquatic ecosystem health data.
Attachment Links:	<ul style="list-style-type: none"> • Notes from the February 2016 Monitoring Council Meeting (see Item #6) • Legislative Priorities Spring 2016 fact sheet • Monitoring Council Background Information Regarding Strengthened Legislation
Contact Persons:	Jon Marshack jon.marshack@waterboards.ca.gov , (916) 341-5514

LUNCH	Approx. Time:
Lunch will be provided at SCCWRP. A donation of \$10 is requested to cover costs.	60 minutes

ITEM:	5	Approx. Time:
Title of Topic:	WATERSHED HEALTH AS MEASURED BY BIOASSESSMENT, TOXICITY, AND PESTICIDES	165 minutes
Purpose:	Pete Ode of the Department of Fish and Wildlife, Bryn Phillips of UC Davis, and Robert Budd of the Department of Pesticide Regulation (DPR) will make data-rich presentations of their respective programs, Bioassessment Program, Stream Pollution Trends (SPoT) program, and DPR's Surface Water Protection Program, followed by an interactive discussion to help future combined data assessment/synthesis efforts, both what the intersection of these datasets may tell us and what else we may need to know to get there. The goal is to achieve a more complete story of watershed health.	
Desired Outcome:	Identify useful data intersection themes and topic areas for future focus of these programs.	
Background:	Within the Water Boards' Surface Water Ambient Monitoring Program (SWAMP), the Bioassessment Program is an ongoing, long-term statewide survey of the ecological condition of wadeable perennial streams and rivers throughout California. The PSA collects samples for biological indicators (benthic macroinvertebrates (BMIs) and algae) and chemical constituents (nutrients, major ions, etc.), and also conducts habitat assessments for both in-stream and riparian corridor conditions. A key to the success of PSA is the role it has played in standardizing, linking and supporting numerous independent programs conducting probability surveys in California. Partners include the EPA's National Rivers and Streams Assessment, Southern California Stormwater Monitoring Coalition, Bay Regional Monitoring Program, Tahoe Regional Planning Agency, Bureau of Land Management, and U.S. Forest Service. Such partnerships help create a statistically robust, yet cost-effective and efficient approach to	

	<p>answering important water quality monitoring questions.</p> <p>Stream Pollution Trends (SPoT) is another key component of SWAMP. SPoT monitors trends in sediment toxicity and sediment contaminant concentrations in selected large rivers throughout California, and relates contaminant concentrations and toxicity to watershed land uses. It is designed to improve our understanding of watersheds and water quality by monitoring changes in both over time, evaluating impacts of development, and assessing the effectiveness of regulatory programs and conservation efforts at the watershed scale. The overall goal is to detect meaningful change in the concentrations of contaminants and their biological effects in large watersheds at time scales appropriate to management decision making. Sediment toxicity and a suite of pesticides, trace metals, and industrial compounds have been analyzed from 100 sites annually since 2008. The program design is periodically revised to reflect observed trends in stream contaminants and toxicity. This will allow for monitoring of additional chemicals of emerging concern and toxicity indicator species appropriate for these chemicals.</p> <p>The Department of Pesticide Regulation's (DPR) Surface Water Protection Program protects human health and the environment by preventing pesticides from adversely affecting our surface waters, by addressing both agricultural and urban sources of pesticide residues in surface waters. Samples are collected throughout northern and southern California at storm drains, agricultural drains, streams, rivers, and estuaries. DPR utilizes a prioritization model to help determine appropriate current use pesticides to monitor for within a watershed. Surface water monitoring data are used to help identify potential contamination problems before direct evidence of impairment of water quality is available. The SURF database is an electronic repository for pesticide monitoring data collected by DPR and other agencies. DPR uses monitoring data to identify and trace pesticides in surface water and develop contamination prevention strategies.</p>						
Attachment Links:	<ul style="list-style-type: none"> • SWAMP's Bioassessment Program • SWAMP's Stream Pollution Trends monitoring program • CDPR's Surface Water Protection Program <ul style="list-style-type: none"> ○ SURF database 						
Contact Person:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Pete Ode</td> <td style="padding: 2px;">peter.ode@wildlife.ca.gov; (916) 358-0316</td> </tr> <tr> <td style="padding: 2px;">Bryn Phillips</td> <td style="padding: 2px;">bmphilips@ucdavis.edu; (831) 624-0947</td> </tr> <tr> <td style="padding: 2px;">Robert Budd</td> <td style="padding: 2px;">robert.budd@cdpr.ca.gov; (916) 445-2505</td> </tr> </table>	Pete Ode	peter.ode@wildlife.ca.gov ; (916) 358-0316	Bryn Phillips	bmphilips@ucdavis.edu ; (831) 624-0947	Robert Budd	robert.budd@cdpr.ca.gov ; (916) 445-2505
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ITEM:	6	Approx. Time:
Title of Topic:	NEXT MEETING AGENDA	15 minutes
Purpose:	<p>Plan agenda for August 23, 2016 Monitoring Council meeting in Sacramento. Potential items include:</p> <ol style="list-style-type: none"> a) The future of data – open data, data management plans, web services, data federation (Greg Gearheart, Tony Hale of SFEI) b) Interagency Ecological Program governance model – fostering ad hoc teams for specific tasks (Greg Erickson and Sakura Evans of CDFW) 	

	c) Human Right to Water – beginning of a Safe-to-Drink Portal? (Wendy Killou, SWRCB-DDW) d) Assessing aquatic habitat connectivity and low-flow ecological thresholds (Robert Holmes, CDFW Water Branch) e) Data quality and data management standardization efforts of SWAMP (Melissa Morris, SWRCB) f) State stewardship for the National Hydrography Dataset by the Department of Water Resources (Greg Smith, DWR) g) Possibility of holding a Monitoring Council annual conference h) Monitoring Council strategic planning and progress of proposed legislation
Desired Outcome:	Develop agenda ideas for the August 23 meeting.
Contact Person:	Jon Marshack jon.marshack@waterboards.ca.gov ; (916) 341-5514

ADJOURN

May 19, 2016