CALIFORNIA WATER QUALITY MONITORING COUNCIL
Data Management Workgroup Meeting Agenda
Wednesday, June 6, 2012 – 1:00 PM to 4:00 PM

11th Floor, Conference Room 1110
Joe Serna Jr. Cal/EPA Headquarters Building
1001 I Street, Sacramento

IMPORTANT INFORMATION!!

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=183801017&UID=0&PW=NMjMzYzgwNDk3&RT=MiM0, enter your name and email address, enter the meeting password "dmwg", 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. Audio participation by teleconference is available by dialing (888) 764-9721 and entering the attendee access code 363 618 0.

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 off the lobby upon entering the building and must be escorted by staff above the 2nd floor. Valid picture identification may be required due to the security level. Please allow up to 15 minutes for this process. Individuals who require special accommodations are requested to contact the State Water Board's Office of Employee Assistance, at (916) 341-5881.

Attendees (In person or *on Webex*):
Tony Hale, California Ocean Science Trust, MPA Monitoring Enterprise
David Harris, California Environmental Resources Evaluation System, California Natural Resources Agency
Lisa Hazard, *Southern California Coastal Ocean Observing System*
Roger Kunkel, California Environmental Resources Evaluation System, California Natural Resources Agency
Jeff Kapellas, State Water Board
Greg Smith, Dept of Water Resources
Steve Steinberg, Southern California Coastal Water Research Project
Meredith Williams, San Francisco Estuary Institute / Aquatic Science Center

ITEM:	1	
Title of Topic:	**INTRODUCTIONS AND ANNOUNCEMENTS**	
Contact Person:	Steve Steinberg	steves@sccwrp.org, (714) 755-3260

ITEM:	2	
Title of Topic:	**SUBCOMMITTEE REPORTS**	
Purpose:	Review of subcommittee work	
Contact People:	Cristina Grosso – Portal Data and Tools/Liaisons to Theme-specific Workgroups	cristina@sfei.org, (510) 746-7371

	Roger Kunkel – Data Standards	roger.kunkel@resources.ca.gov, (916) 322-3478
Notes:	Portal Data and Tools / Liaisons to Theme-Specific Workgroups subcommittee: Cristina and Jeff put together a draft matrix outlining the structure, technologies and data used for each of the current My Water Quality Portals. The workgroup discussed the matrix and agreed that it should be expanded in more detail as to the source of the data in each portal, where the relevant program files/servers for each portal page reside (SFEI, Water Board, etc.) and the responsibility for and frequency of maintenance. The draft matrix may be found in the Library of http://wqdata.water.ca.gov. In addition, the group discussed the prevalence of the Google Maps APIs (v.2 and v.3) underlying the portals and the issues surrounding their use (licensing, etc.). It was agreed that the pros and cons of using this API be compiled in a "white paper" (*ed: my term*) that could provide the basis for a Best Practices document. The subcommittee will work on putting this together. It was also agreed that the subcommittee would find a less-awkward name. Data Standards subcommittee Roger presented an outline for the direction of the Data Standards subcommittee, which would involve the creation of a "Data Submittal Guide" which could be provided to potential contributors to the Portals to assist in making their data "portal-ready." The guide would synthesize, condense and simplify existing "Best Practices" documentation to provide an easy reference for what data suppliers to the portal would need to provide.	
Decisions:		
Action Items:	1. Cristina / Jeff: Revise draft of Portal Data and Tools matrix	

ITEM:	3
Title of Topic:	**RESPONSE TO WETLAND MONITORING WORKGROUP'S FINDINGS AND RECOMMENDATIONS REGARDING WETLAND DATA INFORMATION MANAGEMENT**
Purpose:	Discuss the programming, data and maintenance needs for the proposed EcoAtlas and develop recommendations to the Monitoring Council on this issue.
Desired Outcome:	Outline for the draft recommendations to the Council.
Contact Person:	Meredith Williams	meredith@sfei.org, (510) 746-7396
Notes:	Meredith Williams (SFEI) presented slides on the EcoAtlas project. The presentation slides are available at https://wqdata.water.ca.gov/tunnel-web/secure/webdav/guest/document_library/EcoAtlas The EcoAtlas represents the next generation of the Wetland Tracker, an online data and analysis tool for tracking and managing wetland restoration projects ("401 certifications"). Members of the Wetland Workgroup have used the

	Wetland Tracker for some time to track and provide a watershed context to wetlands projects.
	The Wetlands portion of the My Water Quality portal is intended for a general audience. By contrast, the EcoAtlas's audience is envisioned as the wetland restoration and regulatory community.
	The EcoAtlas will provide a conduit for serving project information, applications, etc. not only to EcoAtlas users, but also to users of the My Water Quality Portals and the state's regulatory systems (State Board's CIWQS, etc.). Although the EcoAtlas will not be branded as a Water Quality Monitoring Council site, it could serve map layers and other content to other My Water Quality Portals.
	The EcoAtlas is built on OpenLayers, PostGIS and the PostgreSQL database. The base hydrologic/wetlands layer will be the California Aquatic Resources Inventory dataset, which is due for release in September. CARI represents an integration and enhancement of the National Wetlands Inventory and the National Hydrologic Dataset.
	The Bay-Delta Live site (http://www.baydeltalive.com).
	The Wetlands Workgroup has already committed itself to provide the long-term development and maintenance of the EcoAtlas.
	There's no formal need for the Data Management Committee to provide a recommendation to the full Council on the EcoAtlas. After discussion, the members of the Data Management Committee did not see any issues of concern or "red flags" which would hinder the development of the portal. Meredith will provide periodic updates as the EcoAtlas develops.
Action Items:	Meredith: Report back to committee on EcoAtlas progress.

ITEM:	**4**	
Title of Topic:	**REVIEW AND REFINEMENT OF DRAFT CHARTER**	
Purpose:	Reach consensus on a charter for this workgroup to better define our role relative to the Monitoring Council and other Council workgroups.	
Desired Outcome:	Workgroup-approved charter that can be presented to the Monitoring Council and other Council workgroups for comment and approval.	
Contact Person:	Steve Steinberg	steves@sccwrp.org, (714) 755-3260
Decisions:	Due to time constraints, this item was tabled until the next meeting.	
Action Items:	All: Review the draft charter at	

ITEM:	**5**
Title of Topic:	**WORKGROUP WEB COLLABORATION TOOL**

Purpose:	Information exchange on potentially useful tools and services.
Contact Person:	Greg Smith	gregs@water.ca.gov
Notes:	Greg Smith (DWR) has set up a web-based collaboration tool for the workgroup to use to share documents, discuss points, etc. The tool's functionality includes a wiki page, discussion forums and document upload and retrieval. Members of the group should provide Greg their email addresses so that he can set up individual user accounts. The URL for the tool is http://wqdata.water.ca.gov.
Decisions:	
Action Items:	ALL: Send email address to gregs@water.ca.gov to set up user account.

ITEM:	6
Title of Topic:	REPORT ON THE EXCHANGE NETWORK ANNUAL MEETING
Purpose:	Information exchange on potentially useful tools and services.
Contact Person:	Steve Steinberg	steves@sccwrp.org, (714) 755-3260
Notes:	The Exchange Network is a consortium of states, federal agencies and tribes which have partnered to set up frameworks to share environmental quality data. The Exchange Network has exchanges for Air, Waste, Health, Natural Resources and Water. During the first decade or so of its existence, the Exchange Network has focused primarily upon setting up the means to bring information into the network. Now, as its second phase commences, the focus will be on developing methods for discovering and retrieving information from the network. Among this will be an Environmental Network browser which will let users browse available data services on the network nodes. California has a node on the network that is managed through CalEPA. It may be possible to utilize the EN node structure to share some of the data in the My Water Quality portals out to the Exchange Network via this node or to draw in data from the EN to further enhance the portals.

ITEM:	7
Title of Topic:	NEXT MEETING AND ITEMS FOR DISCUSSION
Desired Outcome:	Assignments for our next meeting and who will take the lead for any outstanding tasks
Contact Person:	Steve Steinberg	steves@sccwrp.org, (714) 755-3260
Action Items:	Next Meeting:

	August 1, 2012, 1:00-4:00 pm, Cal/EPA Conference Room 230 / Webex

Date