

California Water Quality Monitoring Council

Data Management Workgroup Agenda

March 2, 2016 — 1:00pm to 4:00pm

Conference Room 240
Joe Serna Jr. Cal/EPA Headquarters Building
1001 I Street, Sacramento, CA



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For information and resources concerning this meeting, we welcome you to visit the **Data Management Workgroup collaboration site: <http://sfei.li/dmwg>**

ITEM: #	1	Approx.Time:
Title of Topic:	Introductions, announcements, agenda review, and minutes approval	5 mins
Purpose:	Decision: Share information and review materials. The meeting notes for the January 5 th meeting is here: http://www.mywaterquality.ca.gov/monitoring_council/data_management_workgroup/docs/2016/agenda_notes_010516.pdf	
Contact Person:	Gary Darling Tony Hale	gary.darling@water.ca.gov tonyh@sfei.org , (510) 746-7381

ITEM: #	2	Approx.Time:
Title of Topic:	Strategic Vision and Framework for Integrated Water Management Data and Tools Abdul Kahn, Department of Water Resources	35 mins
Purpose:	Informational: The Strategic Vision and Framework for IWM Data and Tools is a document describing the current state of data and tools used by the Department of Water Resources' (DWR) Division of Integrated Regional Water Management (DIRWM) and Division of Statewide Integrated Water Management (DSIWM). In the wake of the passage of the Sustainable Groundwater Act (SGMA), the document also records the vision, objectives, and related actions that DIRWM and DSIWM will take in moving toward	

	<p>implementation of an integrated data framework that will facilitate</p> <ul style="list-style-type: none"> a) sustainable water management with robust data collection by DWR, b) transparent data reporting by Groundwater Sustainability Agencies (GSAs) and other local agencies, c) enterprise data management and exchange, d) and defensible water budgets at both local and watershed scales to support SGMA implementation. <p>This Work Plan aims to connect the Sustainable Groundwater Management Program (SGMP), the California Water Plan (CWP), and other DWR programs through an integrated data framework to support achieving sustainable water management goals of the Governor’s California Water Action Plan (CWAP) and the Sustainable Groundwater Management Act (SGMA).</p>	
Desired Outcome:	<p>Coordination: The DMWG is currently considering its own strategic direction. It would be well served to consider the types of visions and frameworks guiding its partners, such as the one developed by DWR. This exposure may yield opportunities for further collaboration.</p>	
Contact Person:	Abdul Khan	abdul.khan@water.ca.gov

ITEM: #	3	Approx.Time:
Title of Topic:	<p>California Data Collaborative Phase One Pilot Patrick Atwater, Project Manager</p>	
Purpose:	<p>Informational: A new California Data Collaborative effort is currently underway involving water agencies throughout California to collect and share data among utilities to improve efficiencies, refine demand management strategies and promote long-term sustainable solutions across California’s natural resources. This initiative aims to utilize “Big Data,” an approach that has proven successful in the private and other public sectors, to answer the call for improvements in California’s water data infrastructure from leading water and technology experts. The first phase of this pilot project focuses on integrating customer-level water usage data across participating utilities to develop more robust measurements of water usage behavior across California and illustrate how this effort can scale statewide.</p>	
Desired Outcome:	<p>Coordination: In our survey of different data initiatives, data repositories, and big data concepts, we learned about governmental repositories such as SWAMP, CEDEN, WQX, and the National Water Quality Portal. The California Data Collaborative focuses on water supply challenges in novel ways that may exert some influence over how we coordinate the various moving parts of our water quality infrastructure.</p>	

Attachment Link:	California Data Collaborative One-Pager	
Contact Person:	Patrick Atwater	patrickatwater@gmail.com

ITEM: #	4	Approx.Time:
Title of Topic:	Flash Round! 5-minute updates on topics related to the workgroup	30 mins
Purpose:	Informational: What is happening in the community? Examples might include progress updates on portal development efforts, potential connections to related projects, upcoming presentations and conferences, and new innovations we should assess.	
Desired Outcome:	Information and planning: This item allows for anyone to contribute news about developments that haven't been covered earlier in the meeting. We are looking for news related to water quality, ecosystem health, water supply, and data management. Please confine your update to 5 minutes.	
Contact Person:	Tony Hale	tonyh@sfei.org , (510) 746-7381

ITEM: #	5	Approx.Time:
Title of Topic:	Update on the proposed steering committee	40 mins
Purpose:	Decision: Develop consensus on the next steps towards constituting a steering committee	
Background:	<p>In the Fall of 2014, the Data Management Workgroup elected new leadership and also affirmed its commitment to assist in the implementation of the white paper recommendations. Now that the white paper is formally released (Sept 2015), the time is right to make some headway in forging progress toward implementation.</p> <p>In our last meeting, we proposed the formation of a steering committee, comprising high-level staffers, to provide feedback, guidance, and direction to the DMWG, empowering the DMWG to complete tasks as needed by executives with the appropriate authority.</p> <p>At the most recent meeting of the California Water Quality Monitoring Council (Feb 23, 2016), Tony Hale presented this topic, along with a report of recent DMWG activities, and received the formal endorsement from the Council on this steering committee approach. The Council will draft and sign a letter that will help provide additional authority to substantiate our solicitation to the appropriate decision-makers.</p>	

	Our discussion today will cover formulating the additional prerequisites for our solicitation of those decision-makers – eg charter, preliminary strategic goals, pressing topics for consideration.	
Desired Outcome:	Agreement on the materials and thinking needed to advance the idea of the Steering Committee	
Attachment Link:	Delta Stewardship Council, Environmental Data Summit white paper, Enhancing the Vision for Managing California’s Environmental Information	
Contact Person:	Gary Darling Tony Hale	gary.darling@water.ca.gov , (916) 651-9207 tonyh@sfei.org , (510) 746-7381

ITEM: #	6	Approx.Time:
Title of Topic:	Subcommittee Products	35 mins
Purpose:	Information: Subcommittees on White Paper topics will report their progress regarding the form and content of their own informational topics	
Desired Outcome:	<p>With the formal release of the White Paper on environmental data management, we must seek to clarify concepts critical to the proper understanding of the Paper’s recommendations. Thus far, we’ve developed some useful products and heard constructive feedback.</p> <p>The data management workgroup will again hear from each of the subcommittees who have crafted ideas about conveying information about their chosen subject to those in our target audience – including scientists, researchers, agency staffers, decision-makers. The subcommittees would tackle the effort to provide general background information – such as concept definitions, vendors to consult, opportunities to explore – or they might even create formal position papers that could represent the collective will of the Data Management Workgroup.</p> <p>Subcommittees include:</p> <ul style="list-style-type: none"> a. Data management plans b. Data federation c. Web services <p>Each subcommittee will have 12 minutes to present the updates related to its topic.</p>	
Contact Person:	Tony Hale	tonyh@sfei.org , (510) 746-7381

ITEM: #	7		Approx.Time:
Title of Topic:	Next meeting and items to agendize		10 minutes
Purpose:	Identify topics and responsibilities for inclusion in our next workgroup meeting.		
Background:	Previously the DMWG selected the 1 st Wednesday of odd months for its meeting time.		
Desired Outcome:	Agendize topics for next meeting as appropriate.		
Contact Person:	Tony Hale Gary Darling	tonyh@sfei.org , (510) 746-7381 gary.darling@water.ca.gov , (916) 651-9207	

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