

## California Water Quality Monitoring Council

### Data Management Workgroup Agenda

May 3, 2017 — 1:00pm to 4:00pm

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



### IMPORTANT INFORMATION!

Conference WebEx information is provided on the last page of this agenda.

For security purposes, all visitors are required to sign in, receive a badge at the Visitor Center off the lobby upon entering the building. 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.

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

<b>ITEM: #</b>	<b>1</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Introductions, announcements, agenda review, and minutes approval</b>	5 mins
<b>Purpose:</b>	Decision: Share information and review materials.	
<b>Attachment Link:</b>	Meeting Notes:	
<b>Contact Person:</b>	Gary Darling Tony Hale	<a href="mailto:gary.darling@water.ca.gov">gary.darling@water.ca.gov</a> <a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a> , (510) 746-7381

<b>ITEM: #</b>	<b>2</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>AB 1755 Updates and Developments</b>	55 mins
<b>Purpose:</b>	Information: The Steering Committee of the DMWG is seeking a role in advancing the mandate of AB 1755, The Open and Transparent Water Data Act. There are ways that the DMWG itself can help and advise. We will share the emerging ideas.	

<b>Background:</b>	<p>In September 2016, the legislation AB 1755 passed into law. It mandates that DWR, in close consultation with the Monitoring Council among other entities, implement a data-sharing platform to promote sound decisions about water-related data – both water supply and water quality – throughout California.</p> <p>Since its September passage, the Act has been parsed by a number of the agencies named in the legislation, as well as organizations not named, each looking for a clear way to advance the spirit and letter of the Act.</p> <p>We will provide updates on some developments that have taken place recently regarding preliminary decisions for legal and technological implementation strategies.</p> <p>Many open questions remain, but swift progress is the mandate of the legislation and the goal of the agencies.</p>	
<b>Desired Outcome:</b>	Everyone should share the same understanding of the current state of the efforts in various quarters.	
<b>Attachment Link:</b>	<p>Assembly Bill No. 1755:  <a href="https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160A:B1755">https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160A:B1755</a></p>	
<b>Contact Person:</b>	Gary Darling	<a href="mailto:gary.darling@water.ca.gov">gary.darling@water.ca.gov</a>

<b>ITEM: #</b>	<b>3</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Flash Round! 5-minute updates on topics related to the workgroup</b>	30 mins
<b>Purpose:</b>	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.	
<b>Desired Outcome:</b>	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, and data management. Please confine your update to 5 minutes.	
<b>Contact Person:</b>	Tony Hale	<a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a> , (510) 746-7381

<b>ITEM: #</b>	<b>4</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Steering Committee Meeting Review</b>	30 mins
<b>Purpose:</b>	Information: Review developments in the Steering Committee of the Data Management Workgroup	

<p><b>Background:</b></p>	<p>The Steering Committee met on April 14, 2017 with representation from several divisions of DWR, SWRCB, Delta Stewardship Council (Delta Science Program), and DFW. Each group demonstrated their support for continued discussion and planning to promote more effective data sharing.</p> <p>During the meeting, the group reviewed their charter, made decisions about its leadership structure, and discussed tasks for the DMWG. Among the potential workgroup products discussed were the following:</p> <ul style="list-style-type: none"> <li>• Advise on development of Open Data Handbook             <ul style="list-style-type: none"> <li>○ Initial effort at the departmental level</li> <li>○ Merge with data management plan guidance</li> <li>○ Customize for Prop 1 grant agreements</li> </ul> </li> <li>• Contribute to Use Cases for AB 1755</li> <li>• Advise on ideas for Protocols per AB 1755</li> <li>• Develop data readiness assessment by state organization</li> <li>• Provide guidance for assessing and improving “data literacy”</li> </ul> <p>This agenda item will discuss these items and how they might influence the near-term direction of the DMWG.</p>	
<p><b>Desired Outcome:</b></p>	<p>After this meeting, we should have an improved focus on how we might productively implement the guidance of the Steering Committee and how the expected relationship between the two committees might function now and in the future.</p>	
<p><b>Contact Person:</b></p>	<p>Tony Hale</p>	<p><a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a>, (510) 746-7381</p>

<p><b>ITEM: #</b></p>	<p><b>5</b></p>	<p><b>Approx.Time:</b></p>
<p><b>Title of Topic:</b></p>	<p><b>Data Management Plans / Open Data Handbook</b></p>	<p>50 mins</p>
<p><b>Purpose:</b></p>	<p>Decision: Determine recommended next steps in a plan for implementing Data Management Plans (DMPs) and a template for an Open Data Handbook for California’s public environmental agencies.</p>	
<p><b>Background:</b></p>	<p>Chief among the items for the DMWG to undertake, as identified by the Steering Committee, is to provide assistance in creating a plan for implementing Data Management Plans and an Open Data Handbook.</p> <p>In our earlier work, we created a DMP Factsheet that describe the next steps: <a href="https://drive.google.com/open?id=0B50RAGKbBDBCSTlpSWNnajJYcFE">https://drive.google.com/open?id=0B50RAGKbBDBCSTlpSWNnajJYcFE</a></p> <p>We also produced a Factsheet on Open Data: <a href="https://drive.google.com/open?id=0B50RAGKbBDBCY0N1WDMzdy1kUVF5cmVncEVhN0RSTmh4aEhJ">https://drive.google.com/open?id=0B50RAGKbBDBCY0N1WDMzdy1kUVF5cmVncEVhN0RSTmh4aEhJ</a></p>	

	<p>(These Factsheets have since been published on the official DMWG site, but the editable versions are included here for your reference.)</p> <p>We can examine the steps expressed in these materials more closely and reconcile recent developments, such as the strides made by the DUWG, to our expected path.</p> <p>Greg Gearheart, co-chair of the DMWG Steering Committee, also recommends a close examination of the DMP templates produced by Boston University and USGS:</p> <p><a href="https://www.bu.edu/datamanagement/resources/templates/">https://www.bu.edu/datamanagement/resources/templates/</a></p> <p><a href="https://www2.usgs.gov/datamanagement/plan/dmplans.php">https://www2.usgs.gov/datamanagement/plan/dmplans.php</a></p> <p>He also directs us to the California Health and Human Services Open Data Handbook (<a href="https://chhsdata.github.io/opendatahandbook/">https://chhsdata.github.io/opendatahandbook/</a>) as a concise and complementary example for our consideration.</p>	
<b>Desired Outcome:</b>	Recommendations for the implementation of the DMPs and Open Data Handbook across multiple agencies	
<b>Contact Person:</b>	Tony Hale, SFEI	<a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a>

<b>ITEM: #</b>	<b>6</b>	<b>Approx. Time:</b>
<b>Title of Topic:</b>	<b>Subcommittee Factsheets and Appendices</b>	5 mins
<b>Purpose:</b>	Information: Briefly review drafts of Fact Sheets to receive any requested revisions	
<b>Background:</b>	<p>For the past year, three Data Management Workgroup subcommittees have been preparing informational products designed to fill information gaps left by the “Vision Document” that is seeking to advance data sharing by and among the state agencies. Those subcommittees were charged with defining and describing the value of the following instruments/technologies:</p> <ul style="list-style-type: none"> <li>a. Data management plans</li> <li>b. Web services</li> <li>c. Data federation</li> <li>d. Open Data</li> </ul> <p>The work generated a number of materials and drafts, with each culminating in a brief Fact Sheet:</p> <p><a href="https://drive.google.com/open?id=0B50RAGKbBDBCbkRidmxqLWo1REU">https://drive.google.com/open?id=0B50RAGKbBDBCbkRidmxqLWo1REU</a></p>	

	<p>During this year, these concepts have been presented to the Interagency Ecological Program's Data Utilization Workgroup, California Estuaries Monitoring Workgroup, the Delta Stewardship Council, and the California Water Quality Monitoring Council who each expressed considerable interest in fostering further advancement of the concepts.</p> <p>The Steering Committee has had an opportunity to review the Fact Sheets.</p>	
<b>Desired Outcome:</b>	<p>We should incorporate any proposed revisions into the Fact Sheets.</p>	
<b>Attachment Link:</b>	<p><a href="#">Delta Stewardship Council, Environmental Data Summit white paper, Enhancing the Vision for Managing California's Environmental Information</a></p> <p>Fact Sheet drafts:  <a href="https://drive.google.com/open?id=0B50RAGKbBDBCbkRidmxqLWo1REU">https://drive.google.com/open?id=0B50RAGKbBDBCbkRidmxqLWo1REU</a></p>	
<b>Contact Person:</b>	<p>Tony Hale</p>	<p><a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a>, (510) 746-7381</p>

<b>ITEM: #</b>	<b>7</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Next meeting and items to agendize</b>	5 minutes
<b>Purpose:</b>	Identify topics and responsibilities for inclusion in our next workgroup meeting.	
<b>Background:</b>	Previously the DMWG selected the 1 <sup>st</sup> Wednesday of odd months for its meeting time.	
<b>Desired Outcome:</b>	Agendize topics for next meeting as appropriate.	
<b>Contact Person:</b>	<p>Tony Hale</p> <p>Gary Darling</p>	<p><a href="mailto:tonyh@sfei.org">tonyh@sfei.org</a>, (510) 746-7381</p> <p><a href="mailto:gary.darling@water.ca.gov">gary.darling@water.ca.gov</a>, (916) 651-9207</p>

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 Meeting information  
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CONFERENCE DETAILS

Conference Title: Data Management Workgroup  
 Date: Wednesday, May 3, 2017  
 Time: 1:00 PM Pacific

WEB ACCESS

Join as Attendee:  
<https://stateofcaswrcbweb.centurylinkccc.com/CenturylinkWeb/DMWG>

First time CenturyLink CCC user? Run system test:

<http://wwwna2.globalmeet.com/w/GMTest/index.html?loc=en>

**AUDIO ACCESS**

Dial-in (U.S.): USA: 1-720-279-0026

USA /Canada (toll free) : 1-877-820-7831

Dial-in (International):

Access Code: 955685

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