

## California Water Quality Monitoring Council

### Data Management Workgroup Agenda

Feb 1, 2017 — 1:00pm to 4:00pm

Conference Room 230  
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/dmwg>

<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: <a href="http://www.mywaterquality.ca.gov/monitoring_council/data_management_workgroup/docs/2016/dmwg_notes_20160907.pdf">Sept 7, 2016:</a> <a href="http://www.mywaterquality.ca.gov/monitoring_council/data_management_workgroup/docs/2016/dmwg_notes_20160907.pdf">http://www.mywaterquality.ca.gov/monitoring_council/data_management_workgroup/docs/2016/dmwg_notes_20160907.pdf</a>  Nov 2, 2016: <a href="http://www.mywaterquality.ca.gov/monitoring_council/data_management_workgroup/docs/2016/dmwg_notes_161102.pdf">http://www.mywaterquality.ca.gov/monitoring_council/data_management_workgroup/docs/2016/dmwg_notes_161102.pdf</a>	
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<b>ITEM: #</b>	<b>2</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>AB 1755 Updates and Developments</b>	60 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>	
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<b>ITEM: #</b>	<b>3</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Steering Committee Meeting Review</b>	30 mins
<b>Purpose:</b>	Information and decision: Review steering committee meeting notes and shape the new DMWG charter that might clarify the relationship between the DMWG and its steering committee.	
<b>Background:</b>	<p>The Steering Committee met on Dec 16, 2016 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>In the course of the meeting, the members discussed a role for the DMWG in testing use cases associated with the Open Data Platform. We will discuss the implications of this proposed effort.</p> <p>Furthermore, we will consider changes to the DMWG charter.</p>	
<b>Desired Outcome:</b>	After this meeting, we should have an improved focus on how we might productively interact with the assembled Steering Committee and the assignments it has offered to us.	

<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>Steering committee meeting notes:  <a href="http://www.mywaterquality.ca.gov/monitoring_council/data_management_work_group/docs/2016/steer_cmte_notes_20160909.pdf">http://www.mywaterquality.ca.gov/monitoring_council/data_management_work_group/docs/2016/steer_cmte_notes_20160909.pdf</a></p> <p>Revised charter:  <a href="http://www.mywaterquality.ca.gov/monitoring_council/data_management_work_group/docs/2017/dmwg_charter_v3_draft.pdf">http://www.mywaterquality.ca.gov/monitoring_council/data_management_work_group/docs/2017/dmwg_charter_v3_draft.pdf</a></p>	
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<b>ITEM: #</b>	<b>4</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Presentation on Digital Object Identifiers</b>	
<b>Purpose:</b>	Information exchange with federal partners regarding the application and valuation of digital object identifiers in the age of “open data.”	
<b>Background:</b>	<p><a href="#">Digital object identifiers (or DOIs)</a> are persistent and reliably unique markers of digital content. They appear on books, articles, and other publications. However, they are also associated with individual datasets.</p> <p>As we enter the world of “open data” among state agencies, DOIs may become a major concern. They are not technically complex or challenging to understand. (They are, after all, just ID numbers, similar to an SSN or a driver’s license number.) However, if we do not apply DOIs to existing and new datasets, then we run the risk of losing track of the <i>provenance</i> of our data as they migrate from system to system and derivative analysis to analysis. So this is about attribution, duplication prevention, chain of custody, and data stewardship. The last thing we want is for duplicate data to shape the outcome of a key decision.</p> <p>If we are not careful, in other words, we might look back at this moment as not the time that data became much more transparent, but rather it could be the watershed moment when data integrity was severely compromised.</p> <p>In this discussion, we will define DOIs and share ideas for their routine integration into our current and future data repositories.</p>	
<b>Desired Outcome:</b>	Learn how our efforts to develop data sharing protocols might benefit from a deeper understanding of digital object identifiers.	
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<b>ITEM: #</b>	<b>5</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Subcommittee Factsheets and Appendices</b>	15 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:  <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>	We should incorporate any proposed revisions into the Fact Sheets.	
<b>Attachment Link:</b>	<a href="#">Delta Stewardship Council, Environmental Data Summit white paper, Enhancing the Vision for Managing California’s Environmental Information</a>	
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<b>ITEM: #</b>	<b>6</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Flash Round! 5-minute updates on topics related to the workgroup</b>	20 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.	
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<b>ITEM: #</b>	<b>7</b>	<b>Approx.Time:</b>
<b>Title of Topic:</b>	<b>Next meeting and items to agendize</b>	10 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.	
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**WEB ACCESS**

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

First time CenturyLink CCC user? Run system test:

<http://wwna2.globalmeet.com/w/GMTTest/index.html?loc=en>

**AUDIO ACCESS**

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

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

Access Code: 955685

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