

California Water Quality Monitoring Council

Data Management Workgroup Agenda

July 19, 2017 — 1:00pm to 4:00pm

Conference Room 1510
Joe Serna Jr. Cal/EPA Headquarters Building
1001 I Street, Sacramento, CA



ITEM: #	1		Approx.Time:
Title of Topic:	Introductions, announcements, agenda review, and minutes approval		5 mins
Purpose:	Decision: Share information and review materials.		
Attachment Link:	Meeting Notes: https://drive.google.com/drive/folders/0B50RAGKbBDBCUGtHVDVEc1JZLUk		
Contact Person:	Gary Darling Tony Hale	gary.darling@water.ca.gov tonyh@sfei.org , (510) 746-7381	
Notes:	<p><u>Attendees</u></p> <p>In Person:</p> <ul style="list-style-type: none"> • Jarma Bennett (SWRCB) • Steve Goldman (Dept. of Fish and Wildlife) • Jack Gouge • Tony Hale (SFEI) • David Harris (Natural Resources Agency) • Anne Heggli (High Sierra Electronics) • Kris Jones (DWR) • Rachel Pizer (DWR) <p>On the Phone:</p> <ul style="list-style-type: none"> • Gina Benigno (Dept. of Fish and Wildlife) • Dave Osti (34North) • Steve Steinberg (SCCWRP) • Dwane Young (USEPA) • Gary Darling (DWR) 		

ITEM: #	2		Approx.Time:
Title of Topic:	Data Federation Pilot		30 mins
Purpose:	Information: The Steering Committee of the DMWG has authorized the presentation of a data federation pilot, conducted by US EPA, LimnoTech, a private consulting firm, in collaboration with SFEI and SCCWRP, two non-profit joint powers authorities. The goal is to demonstrate an open-source, low-cost alternative to more costly data federation solutions.		

Background:	<p>Tad Slawecki of LimnoTech, Dwane Young of US EPA, Tony Hale of SFEI, and Steve Steinberg of SCCWRP are leading an effort to expand the federation pilot originally conducted by Tad and Dwane to include California data and partners. The planned presentation by Dwane will provide the context and results of the original pilot, as well as the drivers for future opportunities.</p> <p>Following this presentation, the pilot team plan a follow up presentation to show the more detailed results of the project.</p>	
Desired Outcome:	The scope and purpose of the pilot should be clear to the DMWG following this presentation.	
Contact Person:	Tony Hale	tonyh@sfei.org
Notes:	Dwane delivered a presentation on the EPA-funded data federation pilot, which concluded last December. Phase II of the project is to continue registering end points with participation from SCCWRP and SFEI.	

ITEM: #	3	Approx.Time:
Title of Topic:	AB 1755 Updates and Developments	30 mins
Purpose:	<p>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.</p>	
Background:	<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>	
Desired Outcome:	Everyone should share the same understanding of the current state of the efforts in various quarters.	
Attachment Link:	<p>Assembly Bill No. 1755: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160A:B1755</p>	

Contact Person:	Gary Darling	gary.darling@water.ca.gov
Notes:	DWR had started a number of activities prior to the approval of AB 1755 that are consistent with the goals of AB 1755. Specifically these activities include the development of a number of use cases demonstrating the needs of open and interoperable data and of functional requirements for the systems of data sharing partners to meet. These items have been made available for review via a systems requirements document.	

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, and data management. Please confine your update to 5 minutes.	
Contact Person:	Tony Hale	tonyh@sfei.org , (510) 746-7381
Notes:	<ul style="list-style-type: none"> • David Harris discussed the Natural Resources Agency's new data management platform that includes visualization tools, APIs, and a catalogue of data sets. • Steve Goldman discussed moving forward with ArcGIS Online for the Department of Fish and Wildlife's BIOS catalog. • Kris Jones discussed the need to provide support to other Monitoring Council Workgroups and state scientists. He proposed that the Steering Committee take up this topic at an upcoming meeting. • Steve Steinberg announced that Bite 2013 data are available on an ArcGIS hub. 	

ITEM: #	5	Approx.Time:
Title of Topic:	Steering Committee Meeting Review	75 mins
Purpose:	Information: Review developments in the Steering Committee of the Data Management Workgroup and the products and plans associated with their direction	
Background:	The Steering Committee met on June 16, 2017 with representation from	

	<p>several divisions of DWR, SWRCB, Delta Stewardship Council (Delta Science Program), OPR, and DFW. Representatives shared ideas about future directions for their respective interests in data sharing and the work related to AB 1755 implementation.</p> <p>During the meeting, the group reviewed the results of the DMWG assignments from the Steering Committee. Among the potential workgroup products reviewed were the following:</p> <ul style="list-style-type: none"> • Outline on guidance for an Open Data Handbook <ul style="list-style-type: none"> ○ Initial effort at the departmental level ○ Merge with data management plan guidance ○ Customize for Prop 1 grant agreements • Developing a template for Data Management Plans • Approach to protocols per AB 1755 	
Desired Outcome:	<p>After this meeting, we should have an improved focus on how we might productively implement the guidance of the Steering Committee and what work lies ahead in developing materials.</p>	
Contact Person:	Tony Hale	tonyh@sfei.org , (510) 746-7381
Notes:	<p>The Steering Committee discussed the Data Management Plan (DMP) concept promoted by the DMWG. The Data Utilization Workgroup of the Interagency Ecological Program (IEP) developed a DMP template and circulated it. Next steps would be to gather feedback on the product, make modifications as appropriate, and then develop and implement an outreach plan for other Monitoring Council workgroups as well as other agencies.</p> <p>Similarly, draft outline guidance for writing open data handbooks was presented to the Steering Committee. The DMWG will obtain feedback from the Steering Committee and then develop and implement an outreach plan so that other workgroups and agencies are aware of the tools available.</p>	

ITEM: #	6	Approx.Time:
Title of Topic:	Next meeting and items to agendize	
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
Notes:	<p>The next meeting will be on October 5 (rescheduled from September 6), at 1 pm. It will be held in Room 224 of the Bonderson Building, located at 901 P Street, Sacramento 95814.</p> <p><i>Agenda suggestions:</i></p> <ul style="list-style-type: none">• Invite a member of the Data Utilization Workgroup of the IEP to discuss the use of DMWG products and give feedback on them.	