

CALIFORNIA WATER QUALITY MONITORING COUNCIL

Monitoring Council Meeting Notes

Tuesday, December 13, 2016 – 9:30 AM to 4:00 PM

Second Floor, Klamath Room
Joe Serna Jr. Cal/EPA Headquarters Building
1001 I Street, Sacramento



Monitoring Council Members and (Alternates) in attendance:

Bob Brownwood	Sarge Green	Phil Markle	(Stephani Spaar)
Beth Chrisman (Greg Gearheart)	(Bruce Houdesheldt) Karen Larsen	Armand Ruby (Ken Schiff)	

Others in attendance or (on the phone):

Shawn Acuna, Metropolitan Water District of Southern California
Beverly Anderson-Abbs, State Water Resources Control Board
Shakoorah Azimi-Gaylon, Delta Conservancy
Carolyn Balazs, Sacramento Regional County Sanitation District
Gina Benigno, Department of Fish and Wildlife
Stephen Burke, State Water Resources Control Board
(Jeffery Caudill, California State Parks)
Tami Church, Zone 7 Water Agency
Diana Conkle, State Water Resources Control Board
(Valerie Connor, GEI Consulting)
Susan Corum, Karuk Tribe
Lauren Dempsey, US Air Force
John Downs, Department of Fish and Wildlife
Terry Fleming, US Environmental Protection Agency—Region 9
Matt Freese, State Water Resources Control Board
(Rebecca Franklin, Association of California Water Agencies)
(Rebecca Fris, Department of Fish and Wildlife)
(Lauren Hajik, Kahn, Soares & Conway, LLP)
(Tony Hale, San Francisco Estuary Institute)
(Tom Hall, EOA, Inc.)
Kris Jones, Water Quality Monitoring Council, Department of Water Resources
Holly Jorgensen, Sacramento River Watershed Program
Regina Linville, Office of Environmental Health Hazard Assessment
Jon Marshack, Water Quality Monitoring Council, State Water Resources Control Board
Kelly McBee, Association of California Water Agencies
Christina McCready, Department of Water Resources
(Sandy McNeel, Department of Public Health)
Sonia Miller, Department of Water Resources
Alanna Misico, Lahontan Regional Water Quality Control Board
Angela Murvine, State Water Resources Control Board
Carey Nagoda, San Diego Regional Water Quality Control Board
(Dave Paradies, Bay Foundation of Morro Bay)
Noelle Patterson, State Water Resources Control Board
Zane Poulson, State Water Resources Control Board
Jaclyn Rowell, State Water Resources Control Board
Grant Sharp, Orange County Public Works
Nicky Suaril, Sugar Harbor Resort (MOP)
Dan Sussman, Lahontan Regional Water Quality Control Board
Jennifer Timmons, State Water Resources Control Board

Rae Vander Werf, State Water Resources Control Board
 Marisa Van Dyke, State Water Resources Control Board
 Shelly Walther, Sanitation District of Los Angeles County
 Cindy Wise, Lahontan Regional Water Quality Control Board
 Rod Wittler, US Bureau of Reclamation

ITEM:	1
Title of Topic:	INTRODUCTIONS AND HOUSEKEEPING
Purpose:	<ol style="list-style-type: none"> 1) Introductions (in the room and on the phone) 2) Review draft notes from August 23, 2016 Monitoring Council meeting 3) Review agenda for today's meeting
Desired Outcome:	<ol style="list-style-type: none"> a) Approve August 23, 2016 Monitoring Council meeting notes b) Preview what will be covered today and overall meeting expectations c) Adjust today's agenda, as needed
Attachment Links:	Notes from August 23, 2016 Monitoring Council meeting
Contact Person:	Jon Marshack jon.marshack@waterboards.ca.gov , (916) 341-5514
Notes:	Jon Marshack requested that another item be added to the Announcements and Updates (see Item 3i), to discuss the requested letter of support from the Monitoring Council for a proposed harmful algal bloom study at Clear Lake.
Decisions:	Notes from the August 23, 2016 Monitoring Council meeting were approved without amendment.

ITEM:	2
Title of Topic:	PUBLIC FORUM
Purpose:	Any member of the public may address and ask questions of the Monitoring Council relating to any matter within the Council's jurisdiction under California Senate Bill 1070 (Statutes of 2006) provided the matter is not on the agenda.
Desired Outcome:	Information and potential agenda topics for a future meeting. No decisions can be made regarding items that have not received prior public notice.
Attachment Link:	California Senate Bill 1070 (Statutes of 2006)
Contact Person:	Jon Marshack jon.marshack@waterboards.ca.gov , (916) 341-5514
Notes:	Nicky Suarll, member of the public, wanted to introduce herself and express interest in the Council seat representing the public. Jon mentioned that the Council's process for reviewing applications is to have applicants submit their resumes and accompanying materials. He added that, if selected for an interview, applicants would then have an opportunity to discuss their qualifications with the Council's Co-Chairs.

ITEM:	3
Title of Topic:	ANNOUNCEMENTS AND UPDATES
Purpose:	<p>These are expected to be brief informational items that could be expanded into more detailed discussions at future meetings:</p> <ul style="list-style-type: none"> a) Filling the Public Member vacancy on the Monitoring Council (Jon Marshack) b) Confirm meeting dates for 2017 (Jon Marshack) c) Sacramento River Watershed Data Portal (Holly Jorgensen and Amye Osti) d) AB 1755, Open and Transparent Water Data Act (Jon Marshack) e) Data Management Workgroup fact sheets (Tony Hale) f) Harmful algal bloom request letter to the Agency Secretaries and enclosed issue paper (Jon Marshack) g) CEQ/CA Water Data Challenge (Greg Gearheart) h) Support for the Sacramento-San Joaquin Delta Conservancy's proposal for a National Environmental Information Exchange Network grant (Kris Jones and Shakoora Azimi-Gaylon) i) Other brief announcements and updates related to the Monitoring Council's mission pursuant to Senate Bill 1070, Statutes of 2006
Desired Outcome:	Information and comment
Background:	<ul style="list-style-type: none"> a) Monitoring Council Public Member Vacancy – Sara Aminzadeh, who represented public interests on the Council, resigned in late January 2016. Her alternate, Travis Pritchard, has continued to act in her absence. At the August 23 meeting, the Monitoring Council authorized staff to announce the vacancy. A vacancy announcement was distributed on November 9, with applications requested by December 15. b) 2017 Meeting Dates – As a result of an email poll of Monitoring Council Members and Alternates, the following dates have been selected for 2017 Council meetings: <ul style="list-style-type: none"> • February 28 – Sacramento • May 23 – Costa Mesa • August 29 – Sacramento • November 28 – Sacramento c) Sacramento River Watershed Data Portal – Since 1996, the Sacramento River Watershed Program (SRWP) has served as a forum for watershed stakeholders to share information, measure cumulative progress, and maintain a shared vision of the watershed. In 2015 the SRWP entered into an agreement with the State Water Board to develop a data portal customized for the Sacramento River Watershed. There is an immense need for programs and projects that improve watershed health in the region along with a desire and need to demonstrate the linkages between the implementation of successful watershed management efforts and improved watershed health. A key constraint to effective watershed management is the lack of accessible information and data to support timely and science-based decision making. The Sacramento River Watershed (SRW) Portal provides a base for regional monitoring efforts and provides a foundation for

	<p>collaborative efforts connecting watershed stakeholders to data and information, funding, projects, and each other. Data is managed at the regional level and shared with all stakeholders for larger watershed assessment and analysis. The SRW Portal builds on the platform developed for managing data for other instances including the My Water Quality and CA Estuaries and supports the Monitoring Council's vision of broader data access through theme-based portals.</p> <p>d) AB 1755, Open and Transparent Water Data Act – AB 1755 was one of the bills targeted by the Monitoring Council's legislative priorities for 2016. In the final version of the legislation, signed by the Governor on September 23, the Department of Water Resources is designated to create, operate, and maintain a statewide integrated water data platform and to develop standardized data sharing and documentation protocols. The legislation calls for those actions to be carried out in consultation with the Monitoring Council, the State Water Board, and the Department of Fish and Wildlife.</p> <p>e) Data Management Workgroup Fact Sheets – To increase awareness and develop common understanding of key data management concepts, the Data Management Workgroup has developed a set of draft fact sheets on the following topics: data management plans; web services; data federation; and open data. The impetuses for developing these fact sheets were recommendations outlined in the Delta Stewardship Council's Environmental Data Summit white paper, Enhancing the Vision for Managing California's Environmental Information. They may also help with the interagency consultations required by AB 1755. These fact sheets have been shared with the Data Management Steering Committee for comment.</p> <p>f) Harmful Algal Bloom Request Letter to the Agency Secretaries and enclosed Issue Paper – At the August 23 meeting, the Monitoring Council instructed staff to work with the Council Co-Chairs to develop an issue paper on HABs to accompany a request letter to the Agency Secretaries. The letter and issue paper were sent on November 4.</p> <p>g) CEQ/CA Water Data Challenge – The State Water Board, California Departments of Water Resources and California Department of Fish and Wildlife, California Government Operations Agency and the California Department of Technology have teamed up with the White House Council on Environmental Quality to launch the California Water Data Challenge. The Challenge is a competition to develop innovative, data-based tools that help California address its ongoing drought and assure a reliable, sustainable water system for the future. The California Water Data Challenge invites individuals and teams to develop apps, websites, data visualizations and other tools that leverage publicly-available datasets in novel ways to support creative solutions to California's water challenges, as outlined in the Brown administration's California Water Action Plan. The deadline for entries is Monday, Dec. 5, and awards were announced on Friday, Dec. 9.</p> <p>h) Delta Conservancy NEIEN Grant Proposal – The Sacramento-San Joaquin Delta Conservancy has applied for a National Environmental Information Exchange Network grant to establish quality-control standards, tools, and general access to continuous data for the San Francisco Bay-Delta Estuary. This is an extension of the Conservancy's DEDUCE (Delta Environmental Data for the Understanding of a California Estuary) Project, for which the Monitoring Council had provided a support letter. At the request of the Conservancy, Monitoring Council Co-Chair Karen Larsen provided a</p>
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	letter of support for the proposed extension project.				
Attachment Links:	<p>a) Monitoring Council Public Member Vacancy Announcement</p> <p>c) SRWDP: Water Quality Portal Sacramento River Watershed – presentation by Holly Jorgensen and Amye Osti Sacramento River Watershed Data Portal flyer</p> <p>d) Assembly Bill 1755, the Open and Transparent Water Data Act – presentation by Jon Marshack Assembly Bill 1755, chaptered September 23, 2016 Legislative Priorities Spring 2016 fact sheet Monitoring Council Background Information Regarding Strengthened Legislation</p> <p>e) Delta Stewardship Council's Environmental Data Summit white paper, Enhancing the Vision for Managing California's Environmental Information Data Management Workgroup fact sheets: Data Management Plans; Web Services; Data Federation; Open Data</p> <p>f) Draft notes from August 23, 2016 Monitoring Council meeting (see item #4) Harmful Algal Blooms Deserve Greater Governmental Attention and Coordination – letter with attached issue paper from the Monitoring Council Co-Chairs to the Secretaries of CalEPA and the Natural Resources Agency</p> <p>g) California Water Data Challenge web page</p> <p>h) Letter of support for the Sacramento-San Joaquin Delta Conservancy's proposal to the FY 2017 National Environmental Information Exchange Network grant program</p>				
Contact Persons:	<table border="1"> <tr> <td>Jon Marshack</td> <td>jon.marshack@waterboards.ca.gov, (916) 341-5514</td> </tr> <tr> <td>Kris Jones</td> <td>kristopher.jones@water.ca.gov, (916) 376-9756</td> </tr> </table>	Jon Marshack	jon.marshack@waterboards.ca.gov , (916) 341-5514	Kris Jones	kristopher.jones@water.ca.gov , (916) 376-9756
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Notes:	<p>a) Monitoring Council Public Member Vacancy - Jon provided background on the position, including details regarding prior Council Members that had filled the seat. He added that traditionally the seat has been filled by a member of an environmental organization; however, Jon indicated that only one of the eight people who submitted applications to date were from an environmental organization. He added that a number of the applicants submitted only a resume, without providing all of the information requested in the announcement. The Council members agreed that having a representative from an environmental NGO is preferred, but they felt that other qualified candidates could also be considered especially if they are actively working with an environmental NGO. The co-chairs will review the applications, with the goal of having the seat filled as soon as possible.</p> <p>b) 2017 Meeting Dates - All agreed to the proposed meeting dates and locations.</p> <p>c) Sacramento River Watershed Data Portal - Holly Jorgensen (Sacramento River Watershed Program) and Amye Osti (34 North) presented the Sacramento River Watershed Data Portal. They indicated that data management and access is crucial for watershed planning for the state, especially given the recent signing of legislation such as AB 1755. Holly and</p>				

	<p>Amye indicated that they plan to meet with stakeholders to review the content and goals of the portal, and form a workgroup to enhance and improve the portal, as well as to make data more available. They added that the portal builds on multiple efforts and has a number of stakeholders. The new portal's web address will be data.sacriver.org. They indicated that their presentation was meant to be a brief introduction to the portal, but they plan to provide a more thorough review at the February 28 meeting. Bruce Houdesheldt indicated that the portal allows the opportunity to have a more well-rounded and full view of water quality in the Valley. Terry Fleming asked whether the portal will connect to the Delta Regional Monitoring Program (Delta RMP) effort. Amye indicated that the portal focuses on areas outside of the Delta RMP's region. Jon Marshack added that the Delta RMP does not currently have a web presence; however, he indicated that this would be worth addressing as we move forward.</p> <p>d) AB 1755, Open and Transparent Water Data Act - Jon shared his presentation on AB 1755, which provided background on the legislation and details regarding the Council's role in supporting these efforts. Following Jon's presentation, Chris McCready mentioned very few people have issue with sharing data to inform decision making; the challenge will come from people's opinions for the strategy (specifically the data platform). Terry Fleming asked how the Department of Water Resources and Chris McCready's group plan to proceed. Chris indicated that they plan to start doing more outreach with stakeholders, and mentioned holding a February meeting with the California Council for Science and Technology (CCST) to begin developing an implementation strategic plan. She hopes that the strategic plan can lay out a long-term broad perspective of open data and data sharing. In the short term, the limited time table in the legislation will limit the collaboration effort. One challenge is how to provide data visualization tools without licenses to allow data availability to all.</p> <p>e) Data Management Workgroup Fact Sheets - Tony Hale shared fact sheets on data management plans, web services, data federation, and open data. The fact sheets introduce the topics and provide resources for more information. Tony added that these documents can be used for non-technical users and stakeholders to ensure they share a common vocabulary. Amye suggested that AB 1755 needs a funding mechanism for the data providers to become good data stewards (e.g., do groups have the resources to make their data available). Amye suggested that the Council make it a priority to educate stakeholders of the resources needed to make data web-accessible. Sarge agreed, asking how stakeholders are expected to continually add their data in a sustainable fashion. Others agreed that this was an important topic to consider moving forward. It was suggested that a formal data governance structure would be beneficial, allowing data generators to continue to use their own data to maintain individual mandates while making the same data readily available to others. Data management plans being developed by the IEP Data Utilization Workgroup could also help the Delta Regional Monitoring Program. Dave Paradies offered to set up a wiki for the data management workgroup.</p> <p>f) Harmful Algal Bloom Request Letter to the Agency Secretaries and enclosed Issue Paper - The Council had requested that an issue paper on HABs be developed to accompany a request letter to the Agency Secretaries. Jon informed the Council that the letter was sent to the Secretaries on November 4th, adding that he was hopeful that they would encourage future funding opportunities. There were no questions or issues</p>
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	<p>raised regarding the letter or issue paper. The Governor's January budget is the first place to look for any funding augmentation for HABs.</p> <p>g) CEQ/CA Water Data Challenge – the White House Council on Environmental Quality (CEQ) hosted a data challenge to provide solutions for dealing with California's data challenges. Greg Gearheart provided information on the challenge, the participants, and the winner. Of the eight open source submissions, Greg indicated that FlowWest won for their Salmon Habitat Finder, which was developed to identify suitable habitat for juvenile salmon.</p> <p>h) Delta Conservancy NEIEN Grant Proposal – Shakoora Azimi-Gaylon provided background on the effort and the letter of support. She indicated that the proposed project aims to make quality assured continuous data available via the SF Bay regional data center. She added that they plan to also work with the Delta RMP to make continuous monitoring data available, which are currently not already accessible on another data platform. The Council voiced agreement with a support letter being sent. Shakoora should know by July whether funding will be made available.</p> <p>i) Additional item – Jon introduced the requested letter of support from Meredith Howard (SCCWRP) for a proposed harmful algal bloom study at Clear Lake. Jon indicated that since there was enough time, he was able to ask for feedback and approval from the entire Council. Phil Markle raised concerns about this effort being site specific, and not a statewide effort— asking whether there are issues with supporting one particular project, when there are potentially multiple proposals for a study location and/or grant. Jon recommended that the Council support the proposal, as the Council highlighted HABs as a high priority for their efforts. The proposed project would better inform HAB related efforts, enabling staff to deal with HABs in the long term, rather than just reacting to blooms as they occur. The proposed work would inform CCHAB's efforts regarding the triggers of blooms, so as to make bloom predictions in other water bodies as well. Sarge Green indicated that since the work would support a high priority initiative of the Council (i.e., HAB efforts), that he was fine with providing a letter of support in this instance. Other Council Members generally agreed, as did Susan Corum of the Karuk tribe; however, the Council members agreed to provide their preference to Jon via email regarding whether to support the proposal, as had been originally requested. Granting this letter of support should not be viewed as a precedent for Monitoring Council support of other site-specific monitoring projects.</p>
Action Items:	<p>a) Council Co-Chairs will review the applications for the Public Member vacancy, and select candidates for interviews.</p>

ITEM:	4
Title of Topic:	CALIFORNIA HARMFUL ALGAL BLOOMS (HABs) PORTAL
Purpose:	Review and comment on the new California HABs portal.
Desired Outcome:	Comments on the layout, design, and content of the portal and recommendations for future enhancements.

Background:	A large portion of the August 23 meeting of the Monitoring Council was devoted to harmful algal blooms, a water quality issue heightened by four years of drought and potentially by climate change. The increased extent and severity of this year's harmful algal blooms highlighted the need for a centralized location from which to disseminate information needed by state and local agencies, water body managers, and the public. The Monitoring Council's California Cyanobacteria and Harmful Algal Bloom (CCHAB) Network, the Freshwater Harmful Algal Bloom Program of the Surface Water Ambient Monitoring Program (SWAMP), and others had generated a significant body of useful information, but that information was scattered across multiple websites. Council Director Jon Marshack worked with CCHAB and SWAMP to quickly develop a new My Water Quality portal dedicated to HABs in California. Due to the urgent need, the normal portal development process was bypassed, which would ordinarily allow the Monitoring Council the opportunity to review and approve a mockup prior to web page creation. This deviation from the Monitoring Council's strategy is an example of a more pragmatic approach, providing support for important water quality monitoring, assessment and reporting issues as they arise and in a timely manner, that grew out of the Monitoring Council's December 2014 Triennial Audit report and subsequent discussions with the CalEPA Secretary and Undersecretary.
Attachment Links:	<ul style="list-style-type: none">• California Harmful Algal Blooms Portal – presentation by Jon Marshack• Draft notes from August 23, 2016 Monitoring Council meeting (see item #4)• California Harmful Algal Blooms (HABs) Portal• Press Release• Fact Sheet
Contact Person:	Jon Marshack jon.marshack@waterboards.ca.gov , (916) 341-5514
Notes:	Jon Marshack provided a presentation of the new Harmful Algal Blooms Portal . Following his demonstration, he clarified that the interactive maps only represent those blooms reported to the State Water Board. Bruce Houdeheldt asked for clarification regarding the meaning of "verified" blooms. Jon indicated that verified blooms have been confirmed (e.g., via sampling, being photographed etc.) by State Water Board staff. Jon also clarified that the portal currently only shows when blooms are reported but not when they have abated. Jon then shared the portal page showing "Where are harmful algal blooms occurring?" showing how data are provided for freshwater HABs (via the HAB portal) and marine HABs (through links to the CalHABMAP). He added that when NASA/NOAA satellite data becomes available, the satellite portal map will present data linked from CEDEN. Overall, he indicated that the SWAMP and CCHAB goal is to better inform the public regarding HABs and how to avoid them. He added that currently, there is also little coordination between the freshwater and marine monitoring efforts; however, a goal for the CCHAB moving forward is the better coordinate between those monitoring efforts. Jon also mentioned that there is currently no uniform approach for posting warnings statewide. He added that the State Department of Public Health (CDPH) does have the authority to require posting, but they have not yet used their authority to do so. Sandy McNeal (CDPH) indicated that their lack of response was due to the absence of a mandate through formal standards and/or

	legislation. Such a mandate would be driven by human illnesses, and there is currently little tracking and knowledge of such illnesses.	
ITEM:	5	
Title of Topic:	STATE WATER BOARD STRATEGY TO OPTIMIZE RESOURCE MANAGEMENT OF STORM WATER (STORMS)	
Purpose:	State Water Board staff presented an overview of STORMS and its water quality projects, followed by information about the two source control projects, the Urban Pesticides Amendments project and general Source Control Strategies for Stormwater.	
Desired Outcome:	Information and discussion regarding whether and how the Monitoring Council can provide support for this program.	
Background:	<p>Storm water runoff from municipal separate storm sewer systems (MS4s), industrial facilities, and construction sites can be a source of pollutants and has contributed to water quality impairments in developed areas of California. Additionally, population growth, climate change and the current drought are increasing pressure on the state to take immediate action and manage its water resources more effectively. These challenges represent an opportunity to redefine how California utilizes and values storm water as a water resource. The State Water Board Resolution No. 2009-0011 (Policy for Water Quality Control for Recycled Water) identified the goal for California to increase the use of storm water over use in 2007 by at least 500,000 acre-ft/year by 2020, and by at least one million acre-ft/year by 2030.</p> <p>Well-conceived storm water management actions provide multiple benefits for California communities, including improved water quality, increased water supply, increased space for public recreation, increased tree canopy, enhanced stream and riparian habitat area, as well as many other benefits. Accordingly, this proposed Strategy to Optimize Resource Management of Storm Water (Storm Water Strategy) identifies the goals, objectives, and actions needed for the State Water Resources Control Board and nine Regional Water Quality Control Boards (Water Boards) to improve the regulation, management, and utilization of California's storm water resources.</p>	
Attachment Link:	<ul style="list-style-type: none"> • <u>Strategy to Optimize Resource Management of Storm Water</u> – presentation by Noelle Patterson and Matthew Freese • <u>STORMS website</u> 	
Contact Person:	Noelle Patterson Matthew Freese	<u>noelle.patterson@waterboards.ca.gov</u> , (916) 341-5280 <u>Matthew.Freese@waterboards.ca.gov</u> , (916) 341-5485
Notes:	Noelle Patterson and Matthew Freese <u>presented</u> an overview of STORMS and its water quality projects. Following their presentation, Ken Schiff asked about the relative contributions among those agencies conducting the monitoring. Noelle indicated that the State Board and Department of Pesticide Regulation (DPR) are working to better integrate their efforts. However, in terms of money spent, it's roughly a third per group (State Water Board, SWAMP (Stream Pollution Trends (SPoT)), DPR, and MS4 permittees).	

	<p>Karen Larsen then asked about the monitoring framework, adding that for the purpose of standardizing, it would be important that the data be comparable. She mentioned that the SPoT data is likely going into CEDEN—what about DPR and MS4 data? The speakers indicated that DPR data goes into the SURF database, along with CEDEN data. They added that SURF does have some points to work through to make it easier to bring data in from CEDEN. Those discussions have started, but that process could be improved (e.g., through improved coordination and standardizing processes). Armand mentioned that one of the goals of the statewide monitoring framework would be to try and standardize, so that there is consistency and comparability amongst the data. Others agreed. There is inconsistent funding and technical emphasis between MS4s, with differing regional requirements, leading to inconsistent monitoring.</p> <p>Armand indicated that the efforts of the STORMS program are more in-depth (with more targeted locations), while the SPoT monitoring tends to have broader coverage, but less intensive monitoring. The speakers indicated that they are hoping to improve consistency and allow the three programs (SWAMP, DPR, and MS4s) to be able to coordinate better. Armand added the Council could also play a role in making these data more available for the public, for example, in a pesticides portal or additions to Healthy Streams and Estuaries portals. Ken Schiff made a motion for Jon to work with Noelle and SWAMP to bring DPR data available through one of the MyWaterQuality portals, along with MS4 and SPoT data, and provide an update at a future meeting. Armand added that he would like updates to be provided on this topic over several meetings.</p>
Action Items:	<ul style="list-style-type: none"> • Jon Marshack will work with Noelle Patterson to add STORMS data to one of the MyWaterQuality portals. • Bring the STORMS statewide monitoring framework to the Monitoring Council for review and feedback at a future meeting.

ITEM:	6
Title of Topic:	STATE WATER BOARD HUMAN RIGHT TO WATER
Purpose:	Wendy Killou of the State Water Board, Division of Drinking Water presented information on new web content being developed by an interagency working group that will provide public information on the quality of drinking water being delivered to customers.
Desired Outcome:	Information and comment, particularly as it relates to alignment of this effort with the Monitoring Council's strategy for improving the efficiency and effectiveness of water quality monitoring, assessment, and reporting, as well as more recently revised priorities.
Background:	On Sept. 12, 2012, Governor Edmund G. Brown Jr. signed Assembly Bill 685 , making California the first state in the nation to legislatively recognize the human right to water. California Water Code Section 106.3 now recognizes that “every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.” The human right to water extends to all Californians, including disadvantaged individuals and groups and communities in rural and urban areas. On Feb. 16, 2016, the State Water Resources Control Board adopted a resolution identifying the human right to water as a top priority and core value of the State Water Board and Regional

	Water Quality Control Boards. As part of the human right to water resolution , Water Board staff members are creating a website that will allow the public to see which communities, schools, and daycares who do not have, or are at risk of not having, water that is safe, clean, affordable, and accessible. The website will also highlight what is being done to help these public water systems, as well as highlight success stories of water systems that are now receiving safe, reliable drinking water, thanks to the help of the State Water Board and other stakeholders.
Attachment Link:	<ul style="list-style-type: none">• Assembly Bill 685, Statutes of 2012• <i>State Water Resources Control Board Resolution No. 2016-0010, Adopting the Human Right to Water as a Core Value and Directing Its Implementation in Water Board Programs and Activities</i>
Contact Person:	Wendy Killou wendy.killou@waterboards.ca.gov, (916) 449-5158
Notes:	<p>Karen Larsen provided a brief introduction to the item, and mentioned that multiple Council members had asked whether this effort was the next phase of the Safe-to-Drink portal. She indicated that the effort that began in 2014 to develop a Safe-to-Drink portal had stalled when the Drinking Water Program moved from the Department of Public Health to the State Water Board. She indicated that she was encouraged to pursue and support the Human Right to Water effort, which goes beyond drinking water (e.g., sanitation). Karen mentioned that their plan was to create a portal that fulfills multiple purposes, adding that they plan to incorporate content focusing on drinking water as they move forward. Human Right to Water has a working group consisting of State Water Board staff from the Division of Drinking Water and other offices, OEHHA, the Pacific Institute, and others. Environmental justice communities and non-governmental organizations have provided input.</p> <p>Wendy Killou then shared the Human Right to Water Portal, which includes data and information on drinking water quality. She then provided an overview of the homepage, and then demonstrated how to use the interface for accessing data. The example she shared focused on “Active Water Systems,” which provided data on community water systems out of compliance with federally adopted drinking water Maximum Contaminant Level (MCL) and treatment technique regulations; violations of state MCLs (e.g., chromium VI, perchlorate) are not currently included, but will be in the future. Phil Markle then asked whether users will be able to access information on whether “my water has always been safe.” He asked whether they have data on the history of violations, for example. The presenters clarified that the portal does not currently provide an assessment of drinking water safety—only whether public water systems are in compliance. As for the history of compliance, they indicated that those data are currently not available via the portal. They are looking to have secondary MCLs available through the interface.</p> <p>Terry Fleming mentioned that the original Safe-to-Drink portal mockup had information regarding source water data. He asked whether that effort was dead. Jon Marshack indicated that the Monitoring Council’s Safe Drinking Water Workgroup had not met in several years, due to the Drinking Water Program move and the need to update its data management systems. He added that the portal mockup that was created in that effort was a start; however, he indicated that the Human Right to Water working group could flesh out how to incorporate their respective efforts as they move forward. Jon also indicated that the Human Right to Water portal will be linked from My Water Quality. The Monitoring</p>

	Council also requested the ability to filter the data by analyte and that boundaries of community water systems be added. Wendy stated that a data download feature is part of the portal and that water quality data from the Safe Drinking Water Information System (SDWIS) will be incorporated at a later date.
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ITEM:	7	
Title of Topic:	NEXT MEETING AGENDA	
Purpose:	<p>Plan agenda for February 28, 2017 Monitoring Council meeting in Sacramento. Potential items include:</p> <ul style="list-style-type: none"> a) Implementation of Assembly Bill 1755, the Open and Transparent Water Data Act and potential effects on Monitoring Council and workgroup data management activities (Christina McCready) b) Sacramento River Watershed Data Portal demonstration (Holly Jorgensen and Amye Osti) c) Estuary portal enhancements – living resources and D-1641 water quality report (Estuary Monitoring Workgroup) d) National nutrient data aggregation by USGS and loss of information due to inadequate metadata (Lori Sprague) e) The future of data – open data, data management plans, web services, data federation (Tony Hale of SFEI, Greg Gearheart) f) Interagency Ecological Program governance model – fostering ad hoc teams for specific tasks (Greg Erickson and Sakura Evans of CDFW) g) Assessing aquatic habitat connectivity and low-flow ecological thresholds (Robert Holmes, CDFW Water Branch) h) Data quality and data management standardization efforts of SWAMP (Melissa Morris, SWRCB) i) State stewardship for the National Hydrography Dataset by the Department of Water Resources (Greg Smith, DWR) j) Possibility of holding a Monitoring Council annual conference k) Monitoring Council strategic planning 	
Desired Outcome:	Develop agenda ideas for the February 28, 2017 meeting.	
Contact Person:	Jon Marshack	jon.marshack@waterboards.ca.gov , (916) 341-5514
Notes:	<p>The Monitoring Council expressed an interest in hearing an update on the Human Right to Water portal and the STORMS monitoring framework. Other items of interest for the next meeting included (a), (b), (c), (h) targeted to interagency focus and WQX, and (i). Kris Jones also suggested including item (e), discussing the topics of data management in the context of how the Council's Data Management Workgroup (DMWG) and Steering Committee are supporting efforts outside of the Monitoring Council's workgroups; Kris suggested having Tony Hale and a member of the Interagency Ecological Program's (IEP) Data Utilization Workgroup present on their collaborative efforts to improve IEPs data management and data sharing initiatives. Item (g) could be a topic for the May meeting, with a multiple-agency focus on determining</p>	

	<p>ecological flows. Terry Fleming suggested that Item (d) would not be of interest. Sarge Green indicated that he will be stepping down from his Council seat representing Water Supply and that Rebecca Franklin will be recommended as his replacement. Council members expressed their thanks and appreciation to Sarge for his many years of service on the Council. Phil Markle will also be stepping down, with a replacement to be named by ACWQ in the near future.</p>
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January 25, 2017

Approved February 28, 2017