

Basin Technical Advisory Committee

Meeting No. 119

AGENDA

Bear Valley Mutual
Water Company

City of Colton

East Valley Water District

City of Loma Linda

City of Redlands

City of Rialto

City of Riverside

San Bernardino County
Flood Control District

San Bernardino Municipal
Water Department

San Bernardino Valley
Municipal Water District

San Bernardino Valley
Water Conservation District

West Valley Water District

Western Municipal
Water District

Yucaipa Valley
Water District

BASIN TECHNICAL ADVISORY COMMITTEE **MONDAY, AUGUST 1, 2022 – 1:30 P.M.**

Public participation is welcome and encouraged. You may participate in the August 1, 2022, meeting of the Basin Technical Advisory Committee **in-person**, **online** and by **telephone** as follows:

San Bernardino Valley Municipal Water District
380 E. Vanderbilt Way
San Bernardino, Ca 92408

Teleconference Information
Dial-in Info: 877 853 5247 US Toll-free
Meeting ID: 864 6271 4600

<https://sbvmwd.zoom.us/j/86462714600>

Passcode: 3802020

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the Committee's consideration by sending them to comments@sbvmwd.com with the subject line "Public Comment Item #" (insert the agenda item number relevant to your comment) or "Public Comment Non-Agenda Item". Submit your written comments by 6:00p.m. on Sunday, July 31, 2022. All public comments will be provided to the Chairman and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: Participation in the meeting via the Zoom app is strongly encouraged. Online participants MUST login with a Zoom account. The Zoom app is free to download. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone; 2) Should you participate remotely via telephone, your telephone number will be your "identifier" during the meeting and available to all meeting participants. there is no way to protect your privacy if you elect to call in to the meeting.

380 East Vanderbilt Way
San Bernardino, CA 92408
909.387.9200 ph
909.387.9247 fax
www.sbvmwd.com

Tom Crowley, Chair

Greg Herzog, Chair
Project Implementation Group

Ryan Shaw, Chair
Engineering Subcommittee

Janett Robledo, Chair
Conservation Subcommittee

Basin Technical Advisory Committee

Meeting No. 119

AGENDA

August 1, 2022, 1:30 p.m.

- 1) Call to Order/Pledge of Allegiance/Introductions
- 2) Public Comment
- 3) Approval of Minutes
 - A. June 6, 2022 Meeting
- 4) Presentations
 - A. Watershed Connect Program Update
 - B. Overview of Regional Drought Response
- 5) New Business
 - A. Consider Support for the Delta Conveyance Project for the Valley District Service Area and the State of California
- 6) Old Business and Updates
 - A. Report from the SBB Storage and Operating Ranges Workgroup
- 7) Other Business
 - A. Confirm Next Meeting Date of October 3, 2022, at 1:30 p.m.
- 8) Adjourn

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**MINUTES
OF
THE
BASIN TECHNICAL ADVISORY COMMITTEE**

MEETING NO. 118

June 6, 2022

Guests attended:

Thomas Crowley, San Bernardino Municipal Water Department
Steve Miller, San Bernardino Municipal Water Department
Paul Kielhold, San Bernardino Valley Municipal Water District
T.Milford Harrison, San Bernardino Valley Municipal Water District
Gil Botello, San Bernardino Valley Municipal Water District
June Hayes, San Bernardino Valley Municipal Water District
Susan Longville, San Bernardino Valley Municipal Water District
Shavonne Turner, San Bernardino Valley Municipal Water District
Adekunle Ojo, San Bernardino Valley Municipal Water District
Wen Huang, San Bernardino Valley Municipal Water District
Matt Howard, San Bernardino Valley Municipal Water District
Jose Macedo, San Bernardino Valley Municipal Water District
Richard Corneille, San Bernardino Valley Water Conservation District
Betsy Miller, San Bernardino Valley Water Conservation District
Melody McDonald, San Bernardino Valley Water Conservation District
Lonni Granlund, Yucaipa Valley Water District
Madeline Blua, Yucaipa Valley Water District
Joyce McIntire, Yucaipa Valley Water District
Chris Mann, Yucaipa Valley Water District
Jennifer Ares, Yucaipa Valley Water District
Brian Dickinson, City of Colton
Van Jew, West Valley Water District
Socorro Pantaleon, West Valley Water District
Mallory Gandara, Western Municipal Water District
Don Lee, Tetra Tech

Greg Herzog, Riverside Public Utilities
Leo Fernando, Riverside Public Utilities
Michael Plinski, Riverside Public Utilities
Rocky Welborn, East Valley Water District
Jeff Noelte, East Valley Water District
Jesus Gastelum, Elsinore Valley Municipal Water District
John Harris, City of Redlands
Cris Fealy, Fontana Water Company
John Soulliere, SUBECA
Don Whitson, SUBECA
Gil Navarro
Henry McCarrick

Agenda Item 1. Call to Order/Pledge of Allegiance/Introductions/ Public Comment

The meeting of the Basin Technical Advisory Committee was called to order by chair Thomas Crowley, at 1:31 p.m. via Zoom.

Agenda Item 2. Approval of Minutes.

A. Approval of the Minutes of the April 4, 2022, meeting.

Jeff Noelte moved to approve the minutes of the April 4, 2022, meeting, Steve Miller seconded. The summary notes were accepted with no comments.

Agenda Item 3. New Business

A. Preliminary Regional Annual Water Supply and Demand Assessment

Matt Howard commenced his update by providing a timeline leading up to the annual assessment requirements and provided an overview of the process, tables and findings. Mr. Howard highlighted all retail agencies needed to complete their own assessment, as the state wants to collect as much data as possible to capture the current demand. The retail agencies provided feedback on how the process and methods used to submit the data.

No action was needed, item was received and filed.

B. Discussion of Regional Water Demand Trends

Adekunle Ojo introduced the item by asking what the BTAC thought about the percentage change in water consumption in March of 2022 and pointed out the population decreasing over the last decade.

Mr. Ojo pointed out if you look at the baseline the State is using and look from July 2021, conservation is taking place in our region. Part of the reason these savings are nowhere close to the 15% voluntary reduction the Governor is asking for is that after the last statewide drought was declared over in 2017, many of our retailers kept their restrictions in place due to the continuing local drought. Therefore, many water users in this area have kept their water use lower than other parts of the State, making it very difficult to cut back drastically at this time. The key takeaway Mr. Ojo highlighted was how retail agencies continue to save water, as all agencies significantly reduced GPCD below their 2015 and 2020 targets.

Mr. Ojo explained the opportunities vary from one retail agency to another. The gallons per capita per day is very low; while the average for the City of Colton is 88, the average is misleading because the typical residential customer there uses less than 50 gallons per day. In addition, a retailer such as Yucaipa Valley Water District is largely residential and provides recycled water to many of its commercial and institutional customers, therefore its conservation approach may be different from the City of Redlands and City of Colton with more commercial and institutional customers

No action was needed, item was received and filed.

C. Future of Consumer-Empowered, Smart Agency Water Management by Subeca

John Soulliere, of SUBECA commenced his presentation by providing an overview of Subeca. Founded in 2008, the company was founded in 2008 with a focus in HOA irrigation, and commercial/industrial metering intelligence.

The focus of the presentation was to have a discussion about smart water, and how agencies can use technology to improve their organizations to comply with all the mandates from the state and to the empower our customers to make smarter choices. Mr. Soulliere provided a comparison of conventional conservation tools vs. Smart water management technology. The technology-based systems are able to surpass the conventional conservation tools capabilities.

The future of smart water management networks was addressed, this technology including Internet of things (IoT), Smart water networks, and Long Range Wide Area Network (LoRawan) data can be provided to utilities and consumers so they can become partners in water use efficiency while optimizing agency/city operations.

Mr. Soulliere concluded his presentation by proving Subeca's Smart Network example to think outside the meter box and highlighted Subeca believes the future of sustainable and holistic water management will come from greater access to water

use data through wireless IoT devices and networks. It is designed to leverage a smart water network that manages anything and everything water.

No action was needed, item was received and filed.

D. Status Update on SWP Supplies for 2022

Adekunle Ojo commence the status update by noting the state water allocation hasn't changed and highlighted the region is not as dependent on the state water supplies, as some other part of the state. This year we didn't use all the supplies available to all last year, so we carry over some of those supplies to go to a year like this.

Matt Howard added, as agencies near the allotted amount, they would be receiving a notification from the operations staff letting them know. Operations wants to ensure they are keeping track of the allotted number.

No action was needed, item was received and filed.

Agenda Item 4. Old Business

A. Report from the Engineering Subcommittee

Matt Howard provided the update; two items were discussed as part of the Engineering Subcommittee from the USGS. One regarding the flow across the Rialto Colton fault for the barrier and the study they recently completed on Valley districts behalf. The other item covered was as a sensitivity analysis on the Yucaipa Integrated hydrologic model.

B. Report from the Water Conservation Subcommittee

Jennifer Ares provided feedback from the May 23 Water Conservation Subcommittee meeting. During the meeting, items addressed were the large landscape water efficiency program, the conservation emergency regulations and the supply and demand assessment that all the retailers have submitted. The Subcommittee addressed drought messaging and what each agency is doing.

The Inland Solar Challenge event, was discussed. Despite the constraints from the pandemic and challenges faced the event was incredibly successful. Ms. Ares commended Devin Arciniega for her leadership in leading the successful completion of the event.

Shavonne Turner highlighted the Large Landscape program, Prop 1 Round 2; Valley District signed the support letter for that program being led by IEUA, this program will focus on assisting sites with full assessment as well as identifying areas where water savings can be achieved and ways to be more efficient.

C. Report from the Project Review Subcommittee

Greg Herzog had no report for the meeting.

Public Comment

Mr. Gil Navarro from the community, requested an item be added to a future BTAC item where Valley District discusses water conservation, specifically with septic tanks.

Agenda Item 5. Other Business

A. Next Meeting Date is scheduled for August 1, 2022, at 1:30 p.m.

Agenda Item 6. Adjourn.

There being no further business, chair Crowley adjourned the meeting at 2:46 p.m.

<p>APPROVAL CERTIFICATION I hereby certify to approval of the foregoing Minutes of the Groundwater Council.</p> <p>Secretary Date _____</p>
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Respectfully submitted,

Jose Macedo
Clerk of the Board