



<http://www.sbgroundwatercouncil.org/>

GROUNDWATER COUNCIL

ZOOM MEETING INFORMATION

<https://sbvmwd.zoom.us/j/85651546434>

Meeting ID: 856 5154 6434

Passcode: 3802020

Dial in at:

+1 669 900 6833 US

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Online participants MUST log in with a Zoom account. The Zoom app is a free download.
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GROUNDWATER COUNCIL MEETING AGENDA

MONDAY, AUGUST 8, 2022 – 10:00 AM

CALL TO ORDER

ROLL CALL FOR QUORUM

Bear Valley Mutual Water Company (0), City of Colton (3), City of Loma Linda (8), City of Redlands (8), City of Rialto (10), East Valley Water District (3), Fontana Union Water Company (4), Loma Linda University (1), San Bernardino Municipal Water Department (47), San Bernardino Valley Municipal Water District (0), San Bernardino Valley Water Conservation District (0), West Valley Water District (16), Yucaipa Valley Water District (0)

INTRODUCTIONS

1. APPROVAL OF MINUTES

- 1.1 *June 13, 2022, Meeting Minutes*
[*Groundwater Council Meeting Minutes June 13, 2022*](#)

2. NEW BUSINESS

- 2.1 *Presentation of the Draft 2021 San Bernardino Basin Groundwater Council Annual Report*
[*Draft 2021 SBB Groundwater Council Annual Report*](#)
- 2.2 *Discussion of the SAR-MC Cooperative Water Project (Exchange Plan) Management Committees Request for the Groundwater Council to Consider Inclusion of Reimbursement for the Daily Flow Report through the EAM O&M Costs*
[*8-2-2022 Daily Flow Report*](#)
- 2.3 *Groundwater Council Renewal Committee Report*

3. OLD BUSINESS

4. OTHER BUSINESS

5. SET DATE FOR NEXT MEETING

The next regularly scheduled Groundwater Council meeting will be on October 10, 2022, at 10:00am.

6. ADJOURNMENT

**MINUTES
OF
THE
GROUNDWATER COUNCIL**

June 13, 2022

Registered Guests:

Thomas Crowley, City of Rialto
Daniel Cozad, San Bernardino Valley Water Conservation District
Katelyn Scholte, San Bernardino Valley Water Conservation District
Miguel Guerrero, San Bernardino Municipal Water Department
Steve Miller, San Bernardino Municipal Water Department
T.Milford Harrison, San Bernardino Valley Municipal Water District
Susan Longville, San Bernardino Valley Municipal Water District
Bob Tincher, San Bernardino Valley Municipal Water District
Cindy Saks, San Bernardino Valley Municipal Water District
Jose Macedo, San Bernardino Valley Municipal Water District
Matt Howard, San Bernardino Valley Municipal Water District
Adekunle Ojo, San Bernardino Valley Municipal Water District
Shavonne Turner, San Bernardino Valley Municipal Water District
Sam Fuller, Bear Valley Mutual Water Company
George Hanson, Bear Valley Mutual Water Company
Cris Fealy, Fontana Union Water Company
Jarb Thaipejr, City of Loma Linda
Jeff Noelte, East Valley Water Water District
Linda Jadeski, West Valley Water District
Marco Bravo, West Valley Water District
Van Jew, West Valley Water District
Mallory Gandara, Western Municipal Water District
Jennifer Ares, Yucaipa Valley Water District
Brian Dickinson, City of Colton
John Harris, City of Redlands
Kevin Watson, City of Redlands
Leo Ferrando, City of Riverside Public Utilities
Michael Plinski, City of Riverside Public Utilities

The Groundwater Council meeting was called to order by chair Thomas Crowley at 10:02 a.m. by teleconference.

Roll Call was taken, and a quorum was noted for voting purposes. The meeting proceeded with the following agenda items.

1. Approval of Minutes.

1.1 February 14, 2022, Meeting.

Bob Tincher moved to approve the minutes of the February 14, 2022, Groundwater Council meeting. Jarb Thaipejr, seconded. The minutes were approved with a correction to the name of Mr. Jarb Thaipejr, by a non-roll-call vote.

2. New Business.

2.1 Status Update from the Groundwater Council Renewal Committee

Miguel Guerrero, began with highlighting the committees last meeting held at San Bernardino Valley Municipal Water District on May 23, where all partners from all agencies involved were present.

Key items covered during the meeting included discussing key background information of the current agreement. One key date addressed was when the agreement became effective. Mr. Guerrero confirmed the effective dates being as of March 27 2018 and expiration date which is five years later, from that effective date February 27 2023, with six months remaining on the agreement, so the renewal committees been tasked to review the current agreement and look at potential for renewal of the agreement.

Key goals of the committee include making sure we it took advantage of all water allocated to the region from the State Water Project and making sure they utilize every single drop, then tie it to the water management plan, as a result they were able to come up with the amount set out to purchase the at/or about 29,000-acre feet per year.

Mr. Guerrero highlighted the purpose of the committee is to look out for the future of the basin and ensure sustainability in the long term. The next meeting was agreed upon to take place on June 28th at 3 p.m.

The motion was seconded by Miguel Guerrero and approved; no objections were noted; the motion carried.

2.2 Discuss the 2021 Groundwater Council Annual Report

Matt Howard commenced his presentation by providing an overview of the 2020 Annual Basin Groundwater report depicting a lot of different things changing storage the equity allocation model, that included operations and maintenance, distribution of cost by agencies. The report was a success with Valley District receiving positive feedback from its stake holders.

Mr.Howard brought forward the different options for the Annual Basin Groundwater report. Possibly having a trifold document and scaling back on the report to provide key information in a smaller report. Mr. Jarb Thaipejr, supported having a shorter, simpler document and highlighted key areas he references and uses the most from the current report. Mr.Howard acknowledge all recommendations and ensured those key areas would be included in the trifold.

Chair Crowley highlighted the consensus of the Groundwater Council to bring forward a shorter, simpler report. Mr.Howard briefed a draft would be available at the next Groundwater Council meeting to review in August.

3. Old Business.

No old business to discuss

4. Other Business.

No other business to discuss

5. Set Date for Next Meeting

The next regularly scheduled Groundwater Council Meeting will be on August 8, 2022, at 2:00pm.

Agenda Item 4. Adjournment.

Miguel Guerrero motioned to adjourn the meeting, Jarb Thaipejr seconded the motion, Chairman Crowley adjourned the meeting 10:27 a.m.

APPROVAL CERTIFICATION

I hereby certify to approval of the foregoing Minutes of the Groundwater Council.

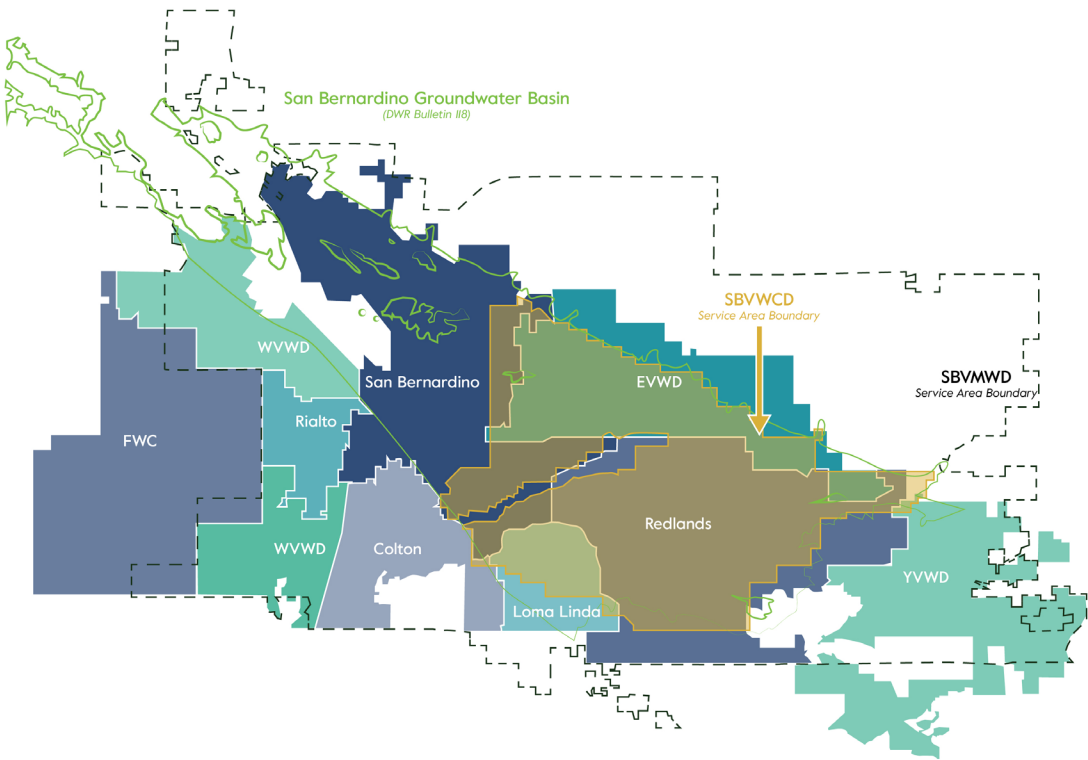
Secretary

Date _____

Respectfully submitted,

Jose Macedo
Chief of Staff/Clerk of the Board

2021 SAN BERNARDINO BASIN GROUNDWATER COUNCIL MEMBERS



BEAR VALLEY MUTUAL WATER COMPANY

THE SAN BERNARDINO BASIN GROUNDWATER COUNCIL (GC) WAS FORMED IN 2018

TO COOPERATIVELY MANAGE THE SAN BERNARDINO BASIN (SBB) TO ACHIEVE THE FOLLOWING GENERAL GOALS:

- ✓ Ensure sustainable groundwater supply
- ✓ Proactively manage the SBB
- ✓ Prevent long-term groundwater overdraft

The general goals for the 2021 Annual Report are to report on the sustainability of the SBB, the amount paid by participants for imported water and operations and maintenance, and the actual water purchases and the operations and maintenance activities.



San Bernardino Basin
Groundwater Council

2021

ANNUAL BASIN GROUNDWATER REPORT



Shared Resource. Shared Responsibility.

OPERATIONS & MAINTENANCE

THE OPERATIONS AND MAINTENANCE (O&M) OF THE SAN BERNARDINO GROUNDWATER BASINS IS THE RESPONSIBILITY OF THE SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT. The Operations and Maintenance costs are proportioned in the Equitable Allocation Model (EAM) based upon the last five years of groundwater pumping, since those who pump the most are most reliant on SWP recharge. O&M of the various recharge locations in the San Bernardino Basin (SBB) include vegetation clearing and removal, removal of siltation, and basin scarification. O&M is necessary to ensure the GC can replenish and maximize all of the SWP in the recharge basins in the SBB.

The focus of O&M is sediment removal and vegetation management to maintain percolation rates. This includes the removal of fine material such as silts, invasive vegetation removal, and clearing of flow blockages to maintain efficient water flow and recharge through canals and basins.



WATERMAN BASIN BEFORE CLEANING



WATERMAN BASIN AFTER CLEANING



WATERMAN BASIN BEFORE CLEANING



WATERMAN BASIN AFTER CLEANING

Due to the reduction in allocation in 2021, Valley District was unable to use any SWP water for groundwater replenishment. In 2021, the San Bernardino Basin Groundwater Council replenished the basin with 0 (zero) acre-feet.

GROUNDWATER BUDGET AND FINANCIAL REPORT

SBVWCD Groundwater Council Budget

OPERATING REVENUE	
Equitable O&M Costs	\$696,802.00
Total Operating Revenue	\$696,802.00
OPERATING EXPENSES	
Professional Services	\$28,279.86
Field Operations	\$56,611.02
Staff Salaries/Benefits	\$241,038.73
Other Administrative	\$22,287.45
Total Operating Expenses*	\$348,217.06
OTHER EXPENSE	
Capital Expenses	\$20,192.16
Est. Capital Contribution	\$328,392.78
Total Other Expense*	\$348,584.94
Total Expenses	\$696,802.00

*Expenses are defined as a percentage of SBVWCD's total groundwater budget. Currently 43.95%

SAN BERNARDINO BASIN GC WATER BUDGET

	Groundwater Council Deposits Received	Water Delivery Based on \$118.40/AF	Cumulative Balance Available	Cumulative SWP Recharge by the SBB GC (AF)
July 2018 - Dec. 2018	\$2,119,915.48	\$1,767,739.01	\$352,176.47	\$16,487.00
Calendar Year 2019	\$2,414,389.07	\$4,106,493.47	(\$1,339,927.93)	\$51,991.00
Calendar Year 2020	\$2,401,262.58	\$969,873.60	\$91,461.05	\$60,182.50
Calendar Year 2021	\$2,990,059.67	\$65,593.60	\$3,015,927.12	\$60,736.50

The SBB GC has the funding in the bank to currently purchase 25,472 AF of imported SWP water if it was available.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 8/1/2022

Time: 6:35:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	11.3
N2	Total SAR Deliveries	11.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	11.3
	Other	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	11.0
U3	Total MC Deliveries	11.0
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	22.0
T3	MC #1 Flow (Cooley Hat)	0.0

Reservoir Levels	Feet
Observation at SOD	NA
Crafton Reservoir Level (21.3)	17.3
Mentone Reservoir Level	14.8

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	8.7
V	Total SWP Deliveries	8.7
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	1.9
T	Newport to BVMWC	0.3

River Recharge	AF
Estimate SAR Recharge (AF)	0
Estimate Mill Creek Recharge (AF)	2
Estimated Total River Recharge (AF)	0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	6,849	176,000
Santa Ana River to Mill Creek	SAR-MC	296	0
Santa Ana River	SWP	0	0
Mill Creek	MC	1,245	106,000
Mill Creek	SWP	9	0
Plunge Creek	PLC	851	0

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location through out the day.

Daily Flow Report

8/1/2022
6:35:00 AM

SBVWCD Recharge												
Location		Type	Previous Day (AF)			WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	0.0		I4	6,849.3	176,000	I4	5,972.7	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	17.1		O4	295.6		O4	211.9		
B4	Santa Ana River	SWP	F4	0.0		J4	0.0		J4	0.0		
C4	Mill Creek	MC	G4	23.8		K4	1,244.7	106,000	K4	622.7	106,000	
D4	Mill Creek	SWP	H4	0.0		L4	8.7		L4	0.0		
	Plunge Creek	PLC		0.0			851.0			354.5		
SAR Passing Cattle Weir (cfs)		0	Share of Lost SAR Flow			0	Estimate SAR flow (cfs)		0	Estimate SAR Recharge (AF)		0
Mill Creek Passing Garnet (cfs)		0	Share of Lost Mill Creek Flow			0	Estimate Mill Creek flow (cfs)		0	Estimate Mill Creek Recharge (AF)		2
Flow in the River Above Alabama		0	Flowing Beyond Alabama			0	Total River Flow (cfs)		0	Total River Recharge (AF)		0