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GROUNDWATER COUNCIL MEETING AGENDA

MONDAY, APRIL 24, 2023 – 1:30 PM

CALL TO ORDER

ROLL CALL FOR QUORUM

Bear Valley Mutual Water Company (0), City of Colton (3), City of Loma Linda (9), City of Rialto (12), East Valley Water District (9), Fontana Union Water Company (3), Loma Linda University (1), San Bernardino Municipal Water Department (54), San Bernardino Valley Municipal Water District (1), San Bernardino Valley Water Conservation District (0), West Valley Water District (8), Yucaipa Valley Water District (0)

INTRODUCTIONS

1. APPROVAL OF MINUTES

- 1.1 *March 13, 2023 Meeting Minutes*
[Groundwater Council Meeting Minutes March 13, 2023](#)

2. NEW BUSINESS

- 2.1 *Consider the 2023 Recharge/Delivery Plan Recommended by the Operations Committee*
[Delivery Plan 2023](#)
- 2.2 *Consider the Amendment to the Framework Agreement Recommended by the Renewal Subcommittee*
[First Amendment to the Framework Agreement](#)
[Amended Exhibit B - Equitable Allocation Model for Fiscal Year 2023-2024](#)

3. OLD BUSINESS

4. OTHER BUSINESS

5. SET DATE FOR NEXT MEETING

6. ADJOURNMENT

**MINUTES
OF
THE
GROUNDWATER COUNCIL**

March 13, 2023

Registered Guests:

Thomas Crowley, City of Rialto

Russ Handy, City of Loma Linda

Jarb Thaipejr, City of Loma Linda

John Harris, City of Redlands

George Hanson, Bear Valley Mutual Water Company

Michael Plinski, City of Riverside Public Utilities

Farid Ishak Boushaki, City of Riverside Public Utilities

Jeff Noelte, East Valley Water District

Jesus Gastelum, Elsinore Valley Municipal Water District

Cris Fealy, Fontana Union Water Company

Miguel Guerrero, San Bernardino Municipal Water Department

T. Milford Harrison, San Bernardino Valley Municipal Water District

Gil Botello, San Bernardino Valley Municipal Water District

Leo Ferrando, San Bernardino Valley Municipal Water District

Susan Longville, San Bernardino Valley Municipal Water District

Bob Tincher, San Bernardino Valley Municipal Water District

Jose Macedo, San Bernardino Valley Municipal Water District

Adekunle Ojo, San Bernardino Valley Municipal Water District

Anel Perez, San Bernardino Valley Municipal Water District

Cindy Saks, San Bernardino Valley Municipal Water District

Wen Huang, San Bernardino Valley Municipal Water District

Shavonne Turner, San Bernardino Valley Municipal Water District

Katelyn Scholte, San Bernardino Valley Water Conservation District

Betsy Miller, San Bernardino Valley Water Conservation District

Linda Jadeski, West Valley Water District

Van Jew, West Valley Water District

The Groundwater Council meeting was called to order by Chairman, Thomas Crowley at 1:30 p.m. by hybrid.

A quorum was noted present by roll call. The meeting proceeded with the following agenda items.

1. Approval of Minutes.

1.1 December 12, 2022, Meeting.

John Harris moved to approve the minutes of the December 12, 2022, Groundwater Council meeting. Jarb Thaipejr seconded. The minutes were approved, by a non-roll-call vote.

2. New Business.

2.1 Renewal Committee Report including Status of Framework Agreement Renewal and Proposed increase in recharge goal from 29,000 AFY to 30,000 AFY

Miguel Guerrero provided the update from the Renewal Subcommittee, which met on February 27. The focus of the meeting was the Renewal Agreement. Mr. Guerrero stated there are additional discussions to be had on the Renewal Agreement and would like to meet with the Renewal Subcommittee again but would like the Groundwater Council to review the latest agreement and provide comments before the next Renewal Subcommittee meeting. Mr. Guerrero would like comments back from the Groundwater Council by April 7th and would like to meet after with the Renewal Subcommittee. Mr. Guerrero recommended the Groundwater Council meeting meet again on April 24th to discuss and finalize this 5-year agreement.

2.2 Budget Committee Report including Discussion on FY 2023-24 Equitable Allocation Model (EAM) Budget and Operations & Maintenance Costs (Water Conservation District and Valley District)

Katelyn Scholte provided an update from the Budget Committee on the Equitable Allocation Model. Ms. Scholte reminded the Groundwater Council of recent changes approved by the Council and then integrated with the Budget Committee and the Renewal Committee, and that is the base period is no longer included in the calculation; it is now the last five years and local water is included as supplies for the agency and the gap calculation, and then not included as part of the basic sustainability calculation, only the water that was actually utilized. The agency's of that percentage and O and M hasn't changed; it is still based on actual production so it's consistent with the Conservation District's groundwater charge.

Betsy Miller added in terms of the Budget committee, the conservation district is recommending an 11% increase in their rate this year, which would also apply to the Groundwater Council. That's 5% for cost of living; the Conservation District generally use the consumer price index (CPI) All-

West, which was 6.6 % and she mentioned that the local CPI was around 9%, so they are keeping the increase below actual inflation. They are also recommending an additional 6%, and that's specific to requirements for new permits and compliance costs compliance. The costs are about 50% of an in-house Assistant Biologist with an additional \$20,000 for environmental consultants with specialized permits as presented to the Budget Committee.

Wen Huang added an update on the Waterman Basins Cleanup Project. Mr. Huang anticipates this project will be \$1 million over the next 5 years to continue to maintain the basin free of vegetation, and then up to a point that we want to start removing additional of the settlement that is sitting in the basin.

Miguel Guerrero made a motion to approve the extended O and M at 10%; Van Jew seconded the motion. The item was approved.

2.3 Sources of Supplemental Water

Bob Tincher provided an update on the Sources of Supplemental Water namely the State Water Project, New Recycled Water, and New Stormwater. State Water Project advantages are that the revenue is covered by property taxes and the water quality is good, but some challenges are that the supply is interruptible due to long-distance conveyance and regulations, and the return on investment has declined due to regulations and environmental restrictions. Recycled water advantages are that it is local, and drought-proof and challenges are highest cost and water quality. Also, New Stormwater advantages are that it is local and cost-effective, and it is the highest quality; however, its challenges are that it is intermittent and there is no dedicated revenue to build.

2.4 Discuss 2023 imported water availability and Groundwater Council Delivery Plan

Adekunle Ojo provided an update on the allocation which is currently at 35% but we anticipate this to go up. He asked the Groundwater Council to direct the Operations Committee and the Budget Committee to prepare the 2023 Delivery Plan based on the existing guidelines for determining how water is going to be delivered and where the water is going to be recharged. Jeff Noelte indicated that the Operations Committee meeting is scheduled after this meeting and will look at the availability of facilities where the recharge water can be delivered and bring that back to Groundwater Council.

Jarb Thaipejr made a motion to approve the recommendation; John Harris seconded the motion. The item was approved.

3. Old Business.

3.1 Update on Modeling Study to Determine the Net Effect of Diverted Local Surface Water on Recharge

Adekunle Ojo provided the update stating there are four tasks involved and two model runs to see what happens with the diversions. Geoscience is done with compiling the data for the surface water diversions and there will be model runs and technical memos then they will be presented to the Renewal Subcommittee. After the Renewal Subcommittee considers this, then it will come back to the Groundwater Council for review and action.

4. Other Business.

No old business to discuss

5. Set Date for Next Meeting

The next regularly scheduled Groundwater Council Meeting will be on April 24, 2023.

6. Adjournment.

Chairman Crowley adjourned the meeting 2:57 p.m.

APPROVAL CERTIFICATION

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

Secretary

Date _____

Respectfully submitted,

Anel Perez
Administrative Specialist

April 14, 2023

Delivery Plan 2023

Location	Total	Delivered	Remaining	% of Delivery	Recharge Location		
					SAY 2023	Reference	
					2019	2020	
Sweetwater GC	6,160	-	-		14%	13%	14%
Badger GC	-	-	-		0%	0%	0%
Waterman GC	31,240	-	-		71%	41%	60%
EVWD Plant 134	-	-	-		0%	6%	6%
Santa Ana Low GC	-	-	-		0%	29%	5%
Mill Creek GC	6,600	-	-		15%	11%	15%
Lower Mill Creek GC	-	-	-			0%	0%
Totals	44,000	-	-	-	100%	100%	100%

Some GC deliveries took place in March and are ongoing, and will be reflected in future delivery updates

2023 Total Planned Deliveries: 44,000 AF

Summary Of Index Well Hydrographs Bunker Hill and Yucaipa Groundwater Basins
September, 2022

Sweetwater, 6,160 AF

Waterman, 31,240 AF

Mill Creek, 6,600 AF

Spreading Basins	
1	Waterman Basin
2	SAR Spreading Basins
3	Mill Creek Spreading Basins
4	City of Redlands Spreading Basins
5	Bear Valley Spreading Basin
6	City Creek Basin (not used)
7	Patton Basin
8	EVWD Turnout
9	East Twin Creek Spreading Basin
10	Badger Basins
11	Wiggins Basin
12	Devil Canyon & Sweetwater Basins
13	Gravel Pits
14	Lower Lytle Creek Basins (Proposed)

Legend

- Heap Well
- ▲ USGS Monitoring Well

Index Wells

Recharge Status

- NO RECHARGE
- TRANSITIONAL - NO RECHARGE
- TARGET
- TRANSITIONAL - RECHARGE
- RECHARGE
- NO DATA

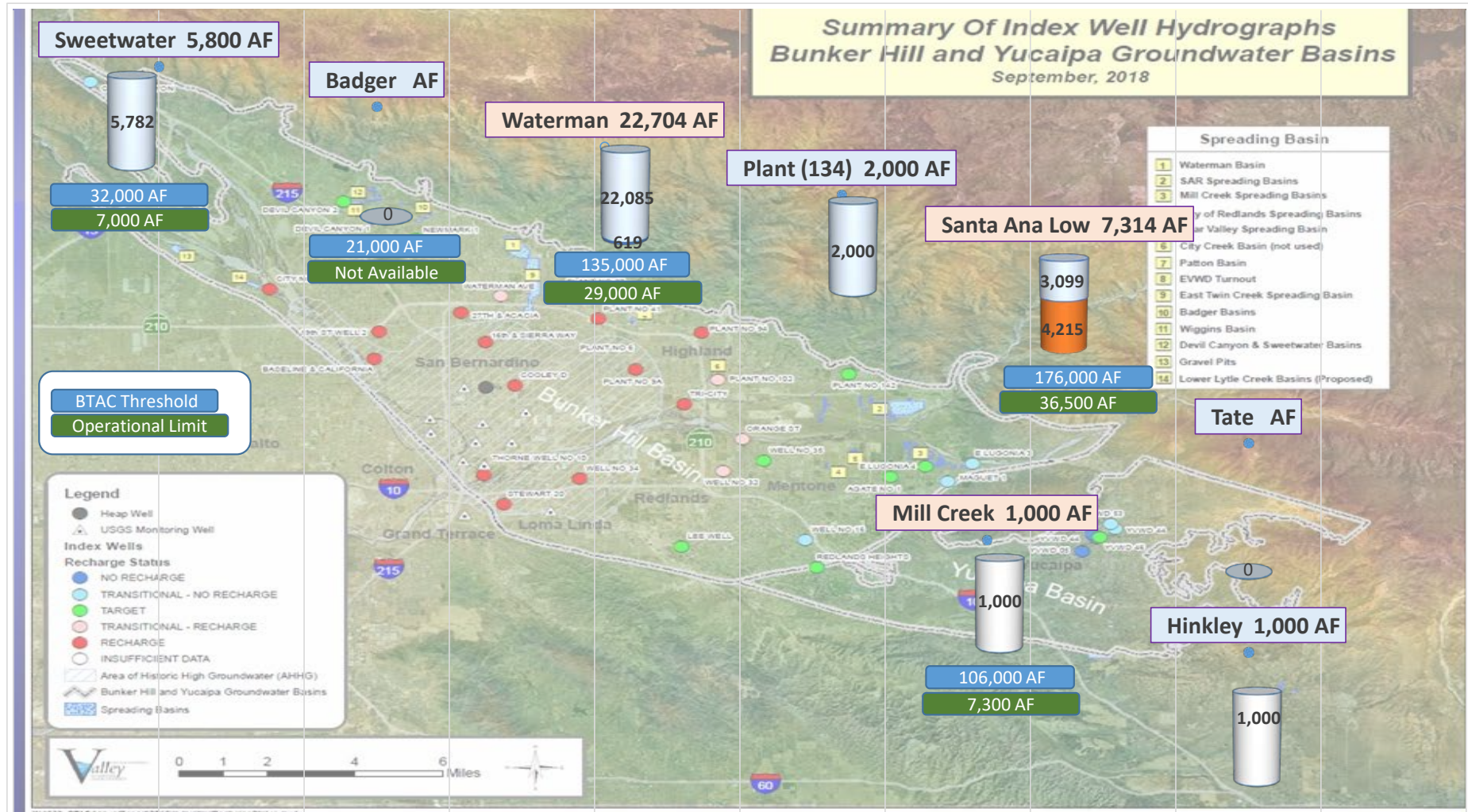
- ▨ Area of Historic High Groundwater (AHHG)
- ▭ Bunker Hill and Yucaipa Groundwater Basins
- ▭ Spreading Basins

Estimated recharge capacity based on 2019 (43,300 AF):
 Sweetwater: 7,000 AF
 Waterman: 29,000 AF
 Mill Creek: 7,300 AF
 Santa Ana Low: 36,500 AF (not available)



For Historical Reference Only

San Bernardino Basin Area Groundwater Council Water Deliveries CY 2019



CY 2018 Carry Over Deliveries	10,490 AF
CY 2019 Deliveries	29,329 AF
SBBA GC Total Planned Deliveries	39,819 AF

SBBA GC Deliveries	4,852	Thru Feb
SBBA GC Remaining	34,967	

SBBA - Groundwater Council Order Tracking			
Basin	GC Op Plan	Delivered	Remaining
Sweetwater	6,160	18	5,782
Badger	-	-	-
Waterman	31,240	619	22,085
City Creek	-	-	-
Plant (134)	2,000	-	2,000
Santa Ana Low	7,314	4,215	3,099
Mill Creek	1,000	-	1,000
Tate	-	-	-
Totals	38,818	4,852	33,966

Groundwater Council Guidelines

1. Import all GC water within the Calendar Year
2. Direct Delivery
3. Recharge
 - a. BTAC recharge thresholds
 - b. BTAC designated areas for recharge
 - c. Special agency needs
 - d. Facility constraints

San Bernardino Basin Groundwater Council

Guidelines for the Delivery of Water Purchased by the Groundwater Council

Prepared by the Operations Committee
(Ref: BTAC Regional Water Management Plan, latest edition)

INTRODUCTION

The Operations Committee has been given the responsibility to prepare a plan for the delivery of water purchased by the Groundwater Council (Delivery Plan) each November. The Delivery Plan will be presented to the Budget Committee for review and concurrence. Once approved by the Budget Committee, the Delivery Plan would then be forwarded to the Groundwater Council for final approval.

GUIDELINES

The Operations Committee will develop the Delivery Plan based upon the below guidelines.

1. **Import all GC water within the calendar year.** The overarching goal of the delivery plan is to import all of the water purchased by the GC within the calendar year. In some years, it may be necessary to carry over a portion of the water to the subsequent year. If that is the case, the delivery plan will make every effort to “catch up” and deliver both the carryover and the current year’s supply within the calendar year.
2. **Direct delivery.** Direct deliveries will be given first priority because there are essentially no losses associated with direct deliveries and because agencies that take direct deliveries have made a significant investment in infrastructure for those deliveries. San Bernardino Municipal Water Department’s recharge at Sweetwater and Badger Basins which is a “put and take” operation that uses the ground as a filter, is considered a direct delivery. Agencies that receive direct delivery water and are able to reduce their pumping from the San Bernardino Basin, are encouraged to reduce their pumping from those areas designated by BTAC as “Recharge” and “Transitional – Recharge” (see attached), to the extent possible, to increase the recovery of water levels in those areas.
3. **Recharge.** Recharge locations and amounts will be based upon the following factors, in order of priority:
 - a. *BTAC recharge thresholds.* The recharge thresholds established in the latest edition of the *BTAC Regional Water Management Plan* are established to reduce the possibility of high groundwater and to reduce the further spread of existing contaminant plumes. Total recharge amounts, by basin, shall not exceed these thresholds.
 - b. *BTAC designated areas for recharge.* To the extent possible, recharge will be targeted for basins that are designated by BTAC as “Recharge” and “Transitional – Recharge”.

- c. *Special agency needs.* The Operations Committee will take into consideration any special needs of any agency in the Groundwater Council that is in good standing.
 - d. *Facility constraints.* The facilities that are used for recharge are subject to various constraints including the available flow rate, approval(s) by other agencies such as San Bernardino County Flood Control District and having other sources of water such as local water, just to name a few.
4. **Real-time adjustments.** Based upon the given delivery constraints, Valley District may make real-time adjustments to the Delivery Plan, from time to time, to ensure that all of the water purchased by the Groundwater Council is delivered in a given year. Any adjustments will be communicated to the Groundwater Council.
 5. **Tracking.** Deliveries on behalf of the Groundwater Council will be tracked on the Valley District Operations Report, provided to the Board of Directors, and on the BTAC Monthly Statement. Both of these documents are posted on the Valley District website.

**AMENDMENT TO SAN BERNARDINO BASIN GROUNDWATER COUNCIL
FRAMEWORK AGREEMENT**

This AMENDMENT TO SAN BERNARDINO BASIN GROUNDWATER COUNCIL FRAMEWORK AGREEMENT (“**Amendment**”) is entered into and effective this ___ day of _____, 2023 by and among the City of Colton (“**Colton**”), the City of Redlands (“**Redlands**”), the City of Rialto (“**Rialto**”), the City of San Bernardino Municipal Water Department (“**SBMWD**”), City of Loma Linda (“**Loma Linda**”), East Valley Water District (“**East Valley**”), San Bernardino Valley Municipal Water District (“**Valley District**”), San Bernardino Valley Water Conservation District (“**Conservation District**”), Fontana Water Company (“**FWC**”), West Valley Water District (“**WVWD**”), Yucaipa Valley Water District (“**Yucaipa**”), Bear Valley Mutual Water Company (“**BVMWC**”), and Loma Linda University (“**LLU**”) each of which is referred to as a “**Party**,” for the purpose of extending the original San Bernardino Basin Groundwater Council Framework Agreement for a period of one (1) year, while participants continue their analysis and deliberations regarding its potential longer term renewal. This Amendment is entered into in consideration of all of the following:

RECITALS

WHEREAS, on or about February 27, 2018, the Parties to this Amendment entered into that certain “San Bernardino Basin Groundwater Council Framework Agreement” (“Original Agreement”) for the purpose of coordinating basin management and cooperatively funding basin maintenance and groundwater recharge activities within the San Bernardino Basin Area; and

WHEREAS, the Original Agreement had a term of five (5) years;

WHEREAS, the Groundwater Council formed under the Original Agreement has been functioning successfully since then, allowing a forum for cooperative management and input of basin maintenance, operation, and recharge activity, including cooperative funding for imported or other supplemental water supplies when available for replenishing local groundwater supplies; and

WHEREAS, in light of the coming expiration of the five-year term of the Original Agreement, the Parties have undertaken deliberation and debate on modifications that might be made to the Groundwater Council’s structure and procedures, including refinements to its Equitable Allocation Model; and

WHEREAS, the Parties have reached agreement on modifications to the Equitable Allocation Model, but have not finalized consensus on other contemplated changes to the Groundwater Council processes, structures, and procedures; and

WHEREAS, the Parties wish to implement the Equitable Allocation Model revisions on which they have reached agreement, but continue the Original Agreement in all other respects as originally adopted for an additional one (1) year period, to allow for further investigations and potential improvements to the original Groundwater Council, its purposes, processes, and procedures;

NOW THEREFORE, in consideration of the matters recited and the mutual promises, covenants, and conditions set forth in this Agreement, the Parties hereby agree as follows:

1. EQUITABLE ALLOCATION MODEL

The Equitable Allocation Model, attached to the Original Agreement as Exhibit B, is hereby replaced, and superseded in its entirety by the Equitable Allocation Model attached to this Amendment as Amended Exhibit B.

2. TERM

Paragraph 2.2 of the Original Agreement is hereby amended to read as follows:

2.2. This Agreement shall remain in effect for a period of six (6) years following the Effective Date, unless earlier terminated by the unanimous written consent of all then-active Parties, provided, however, that this Agreement shall remain in effect during the term of any contractual obligation or indebtedness of the GC that was previously approved by the GC.

3. REMAINDER OF ORIGINAL AGREEMENT UNAFFECTED.

Except as specifically amendment herein, the remainder of the Original Agreement is and shall be unaffected by this Amendment, with the intent that only the Term and the Equitable Allocation Model shall vary from the Original Agreement, and except as specifically so amended, the Original Agreement in all of its particulars shall remain in full force and effect throughout the additional one (1) year of term, while the Parties continue to deliberate other potential changes to the Groundwater Council and the Original Agreement.

4. COUNTERPARTS.

This Amendment may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute but one and the same instrument.

[Signatures continued on next page]

**CITY OF COLTON,
a California general law city and
municipal corporation**

DATED: _____, 2023

By: _____
William R. Smith, City Manager

**CITY OF REDLANDS,
a California general law city and
municipal corporation**

DATED: _____, 2023

By: _____
Charles M. Duggan, Jr., City Manager

[Signatures continued on next page]

CITY OF RIALTO
a California general law city and
municipal corporation

DATED: _____, 2023

By: _____
Arron Brown, Acting City Manager

[Signatures continued on next page]

**CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT**

DATED: _____, 2023

By: _____
Miguel Guerrero, General Manager

[Signatures continued on next page]

**CITY OF LOMA LINDA
a California charter city and
municipal corporation**

ATED: _____, 2023

By: _____
T. Jarb Thaipejr, City Manager

[Signatures continued on next page]

EAST VALLEY WATER DISTRICT

DATED: _____, 2023

By: _____
Michael Moore, General
Manager/CEO

[Signatures continued on next page]

**SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT**

DATED: _____, 2023

By: _____
Heather Dyer, General Manager

[Signatures continued on next page]

**SAN BERNARDINO VALLEY WATER
CONSERVATION DISTRICT**

DATED: _____, 2023

By: _____
Betsy Miller, General Manager

[Signatures continued on next page]

FONTANA WATER COMPANY

DATED: _____, 2023

By: _____
Josh Swift, General Manager

[Signatures continued on next page]

WEST VALLEY WATER DISTRICT

DATED: _____, 2023

By: _____

Van Jew
Acting General Manager

[Signatures continued on next page]

YUCAIPA VALLEY WATER DISTRICT

DATED: _____, 2023

By: _____
Joseph Zoba, General Manager

[Signatures continued on next page]

**BEAR VALLEY MUTUAL WATER
COMPANY, a California mutual water
company**

By: _____

George Hanson, General Manager

DATED: _____, 2023

[Signatures continued on next page]

LOMA LINDA UNIVERSITY

DATED: _____, 2023

By: _____
Richard H. Hart, MD, DrPH,
President

[End of Signatures Pages]

Exhibit B

EQUITABLE ALLOCATION METHOD

The Parties to this agreement are currently sharing costs and establishing the voting weight for each Party using the following method, which is performed annually after the annual submittal of the Western-San Bernardino Watermaster Report to the Court. The details for this method are included in a Microsoft Excel Spreadsheet titled *REVISED_EAM_Budget_FY23-24_V3.xlsx*, as amended by the GC from time to time, which is incorporated here by reference. Copies of that file have been made available to all parties.

I. Calculation of the Equitable Operations and Maintenance (O&M) Cost.

The equitable distribution of the O&M Costs amongst the Parties shall be calculated from the approved budget, as follows:

$$\text{Equitable O\&M Cost}_{\text{Plaintiffs}} = 0.2795 \times \text{O\&M Costs}$$

$$\text{Equitable O\&M Cost}_{\text{Non Plaintiffs}} = \text{Proportion of Total Pumping} \times 0.7205 \times \text{O\&M Costs}$$

where,

O&M Costs = annual budgeted or actual costs to operate and maintain the facilities needed to recharge supplemental water into the SBBA that have been reviewed and approved by the Council

$$\text{Proportion of Total Pumping (\%)} = \frac{\text{Party's total SBBA pumping}}{\text{Non-Plaintiff Total SBBA Pumping}}$$

where,

Party's total SBBA pumping (acre-feet) = the Party's total amount pumped from the SBBA for the previous complete calendar year, as published by the Western-San Bernardino Watermaster, and adjusted for any water pumped by one Party and received by another Party, to coordinate with non-parties still paying the groundwater charge, Parties may be requested to report production to the SBVWCD, as needed.

Non-Plaintiff Total SBBA Pumping (acre-feet) = total Non-Plaintiff pumping of the parties for the previous complete calendar year, as recorded by the Western-San Bernardino Watermaster.

II. Calculation of the Equitable Supplemental Water Cost.

The equitable distribution of the supplemental water cost will only be paid by the Non-Plaintiff parties and shall be calculated, as follows:

$$\text{Equitable Water Cost} = \text{Party Gap} + \text{Sustainability}$$

where,

$$\text{Party Gap (\$)} = \text{Party Water Use (acre-feet)} \times \text{Total Equitable Water Cost} - \text{Total Gap (\$)}$$

where,

$$\text{Party Water Use (acre-feet)} < 0, \text{ else Party Gap (\$)} = \$0$$

$$\text{Gap}_{\text{Last 5 Years}} \text{ (acre-feet)} = \text{Safe Yield}_{\text{Last 5 Years}} - \text{Demand}_{\text{Previous Year}} + \text{Net New Recycled}_{\text{Previous Year}}$$

where,

$\text{Demand}_{\text{Previous Year}}$ = total water demand calculated for the Party for the previous year using published data, as approved by the Council.

The safe yield of the last 5 years for the SBBA will be proportioned amongst the Parties as described below.

where,

$\text{SW}_{\text{Last 5 Years}}$ = average surface water usage by a party within the last 5 years.

$\text{Net New Recycled}_{\text{Previous Year}}$ = The amount of recycled water from the previous year minus $\text{Recycled}_{1959-63}$

where,

$\text{Recycled}_{1959-63}$ is the amount of recycled water used in the base period

Local SW Recharged = Local surface water available to an agency that is controlled by that agency and intentionally delivered for groundwater recharge into the Basin

$$\text{Sustainability (\$)} = \text{Water Use} \times (\text{Total Equitable Water Cost} - \text{Total Gap (\$)})$$

where,

$$\text{Sustainability Water Use (\%)} = \frac{\text{Party Water Use (acre-feet)}}{\text{Total Water Use (acre-feet)}}$$

where,

Party Water Use (acre-feet) = the Party's total average water use over the past, complete, 5 year period (surface water, groundwater, recycled water, imported water, Local SW Recharged, etc.)

Total Water Use (acre-feet) = Summation of each individual Party Water Use

Total Local SW Recharged = The sum of all Local SW Recharged

Total Equitable Water Cost = Sustainable Amount x Supplemental Water Cost

where,

Sustainable Amount (acre-feet) = The amount of supplemental water, in acre-feet, needed to achieve long-term sustainability which shall be determined by the GC

Supplemental Water cost (\$/acre-foot) = The cost for recharged Supplemental Water. The cost for SWP water will be as published in the San Bernardino Valley Municipal Water District Resolution 888, as amended

Total Gap (\$) = Summation of each individual Party Gap (\$) for all Parties

Proportioning Safe Yield.

The Western-San Bernardino Judgment does not apportion the safe yield by water agency. The Parties agree that, for purposes of this agreement, the Safe Yield will be apportioned, as follows:

Safe Yield_{Last 5 years}: The safe yield for the previous 5, complete, calendar years shall be proportioned based upon the total water use for each Party, as follows:

Safe Yield_{Last 5 Years} = Water Use X Safe Yield_{Non Plaintiffs}

Where,

Water Use is a percentage (%) and is defined above

Safe Yield_{Non Plaintiffs} = defined by the Western-San Bernardino Watermaster from time to time, currently 172,745 acre-feet

Credit for Water. A party can provide Net New Supplemental_{Previous Year} and receive monetary credit towards their Equitable water cost.

Credit for Water (\$) = Net New Supplemental_{Previous Year} x Supplemental Cost

where,

Net New Supplemental_{Previous Year} = defined above

Supplemental Water Cost = defined above

III. Formula for Voting Weight. The voting weight for each Party will be calculated, as follows:

$$\text{Voting Weight} = \frac{\text{Total Party Cost}}{\text{Total Costs}}$$

Where,

Total Party Cost = Equitable O&M Cost_{Non Plaintiffs} + Equitable Water Cost

Total Costs = 0.7205 x O&M Costs + Total Sustainable Water Cost

The total sum of all of the individual Voting Weight values shall be equal to 1.0.

REVISED Groundwater Council Equitable Allocation Budget for FY 2023-24

Agency	Party Gap FY23-24 (AF)	Sustainability FY23-24 (AF)	Credit for Water brought to the Basin (AF)	Total Equitable Water Cost FY23-24 (\$)	Water Corrections for Previous Years (\$)	Total Water Cost with Corrections (\$)	Total Water with Corrections (AF)	Equitable O&M Costs FY23-24 (\$)	O&M Corrections for Previous Years (\$)	Total O&M Cost with Corrections (\$)	Total Party Costs FY23-24 (\$)	Voting Weight 2023-24
Bear Valley Mutual Water Company	-	16	-	\$ 1,853	\$ -	\$ 1,853	16	\$ 594	\$ -	\$ 594	\$ 2,447	0.07%
City of Colton	-	656	-	\$ 77,612	\$ -	\$ 77,612	656	\$ 15,462	\$ -	\$ 15,462	\$ 93,074	2.6%
City of Loma Linda	-	1,119	-	\$ 132,448	\$ -	\$ 132,448	1119	\$ 46,146	\$ -	\$ 46,146	\$ 178,594	4.9%
City of Redlands	-	6,641	(4,731)	\$ 226,161	\$ -	\$ 226,161	1910	\$ 225,832	\$ -	\$ 225,832	\$ 451,993	12.5%
City of Rialto	-	1,318	-	\$ 156,038	\$ -	\$ 156,038	1318	\$ 47,423	\$ -	\$ 47,423	\$ 203,462	5.6%
City of San Bernardino	-	8,918	-	\$1,055,934	\$ -	\$ 1,055,934	8918	\$ 368,652	\$ -	\$ 368,652	\$ 1,424,586	39.4%
East Valley Water District	-	4,557	-	\$ 539,586	\$ -	\$ 539,586	4557	\$ 110,211	\$ -	\$ 110,211	\$ 649,796	18.0%
Fontana Union Water Company	-	1,228	-	\$ 145,438	\$ -	\$ 145,438	1228	\$ 30,586	\$ -	\$ 30,586	\$ 176,025	4.9%
Loma Linda University	-	222	-	\$ 26,284	\$ -	\$ 26,284	222	\$ 9,412	\$ -	\$ 9,412	\$ 35,696	1.0%
San Bernardino Valley M.W.D.	-	-	-	\$ -	\$ -	\$ -	0	\$ 9	\$ -	\$ 9	\$ 9	0.0%
West Valley Water District	-	2,727	-	\$ 322,918	\$ -	\$ 322,918	2727	\$ 76,680	\$ -	\$ 76,680	\$ 399,597	11.0%
Yucaipa Valley Water District	-	27	-	\$ 3,184	\$ -	\$ 3,184	27	\$ 852	\$ -	\$ 852	\$ 4,035	0.1%
Total GC Parties:	-	27,429	\$ (4,731)	\$2,687,455	\$ -	\$ 2,687,455	22698	\$ 931,858	\$ -	\$ 931,858	\$ 3,619,313	100%
Mountain View Power Co.	-	296	-	\$ 35,008	\$ -	\$ 35,008	296	#N/A	\$ -	#N/A	\$ 35,008	#N/A
Muscovy Mutual Water Company No. 1	-	372	-	\$ 44,088	\$ -	\$ 44,088	372	#N/A	\$ -	#N/A	\$ 44,088	#N/A
San Bernardino County - Facility Management	56.63	205	-	\$ 30,992	\$ -	\$ 30,992	262	#N/A	\$ -	#N/A	\$ 30,992	#N/A
Terrace Water Company	-	51	-	\$ 6,032	\$ -	\$ 6,032	51	#N/A	\$ -	#N/A	\$ 6,032	#N/A
Other Inside SBVWCD	-	1,352	-	\$ 160,107	\$ -	\$ 160,107	1352	#N/A	\$ -	#N/A	\$ 160,107	#N/A
Other Outside SBVWCD	-	219	-	\$ 25,907	\$ -	\$ 25,907	219	#N/A	\$ -	#N/A	\$ 25,907	#N/A
San Bernardino Non-Parties Total:	56.63	2,495	-	\$ 302,135	\$ -	\$ 302,135	2552	\$ -	\$ -	\$ -	\$ 302,135	0%
Western Entities Total:	-	-	-	-	-	-	0	\$ -	-	-	\$ -	0%
Total:	57	29,924	(4,731)	\$2,989,590	\$ -	\$ 2,989,590	25250	\$ 931,858	\$ -	\$ 931,858	\$ 3,921,449	100%

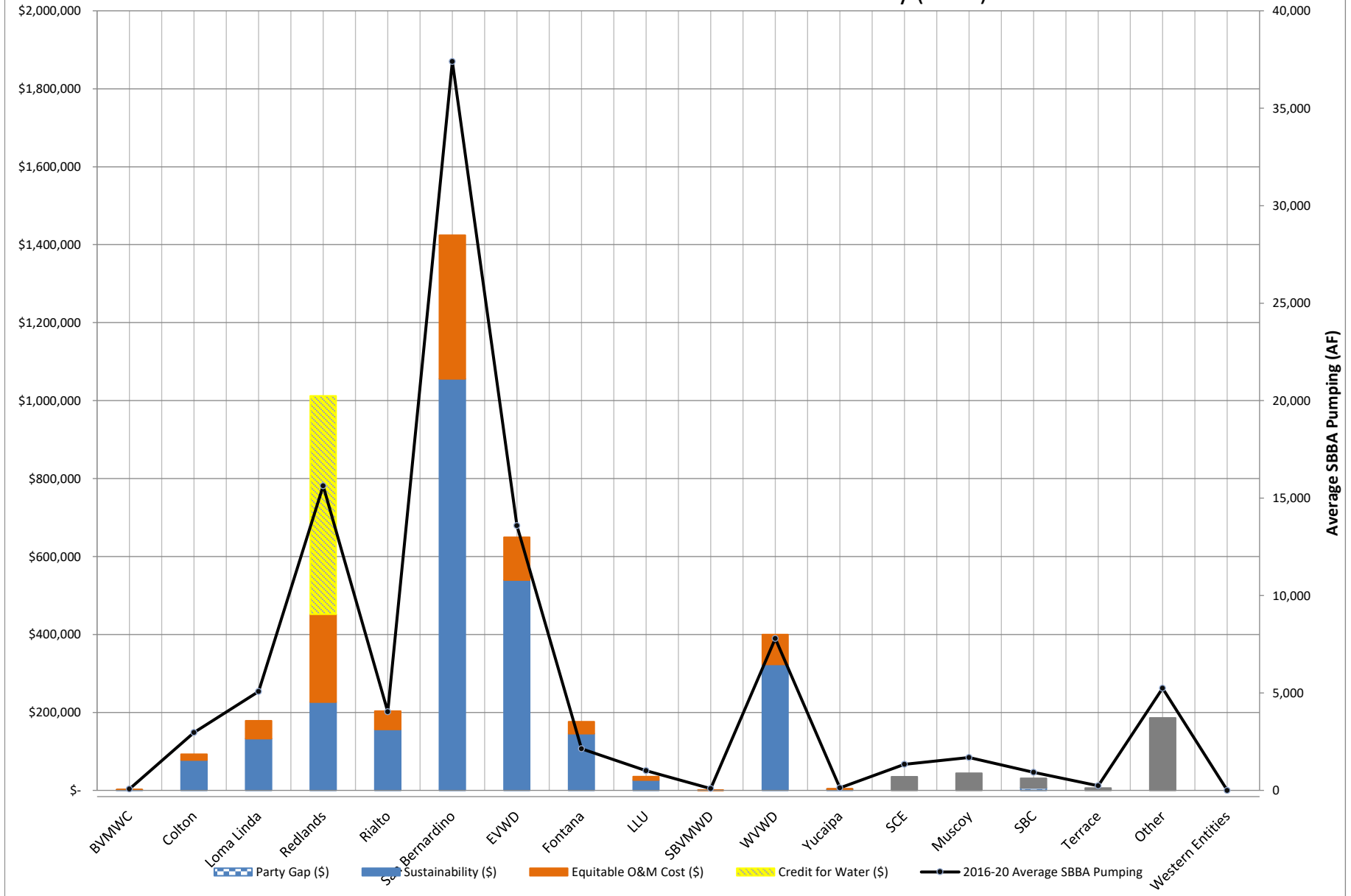
REVISED EAM FY 2023-24

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	REVISED EAM - FY 2023-24 Calculation																		
2																			
3	Precipitation Adjustment	0%		Sustainable Amount (AF)	30,000					Present Period Safe Yield									
4	Recharge	95%		Budgeted Water Cost	\$ 3,552,000					Base Period Safe Yield	New Conservation	Present Safe Yield							
5	Direct Use	100%		Budgeted O&M Cost SBVWCD	\$ 731,858			Non-Plaintiff		72.05%	167,238	5,507	172,745						
6	SWP Cost Recharge (\$/AF)	\$ 118		Budgeted O&M SBCFCD Facility	\$ 200,000			Plaintiff		27.95%	64,862	2,136	66,998						
7				Budgeted Admin Costs	\$ -														
8																			

9	Current (last 5 years)	2017-21 (5 years)	Present Period Net SBBA GW + SW Production (AF)					Total Average Use, 2017-21(AF)					Safe Yield Distribution		Total SBBA Demand	Recycled Water			
10	Agency	Abbreviation	2017	2018	2019	2020	2021	Average SBBA Use 2017-21 (AF)	SWP (AF)	Recycled Water ^{Previous Year} (AF)	Local Supplies for Recharge Average 2017-21 (AF)	Party Water Use (AF)	% of Total	Safe Yield ^{Last 5 Years} (AF)	Safe Yield % of Total	Demand ^{Previous Year} (2021)	New Direct Recycled (AF)	Recycled Water ¹⁹⁵⁹⁻⁶³ (AF)	New Recharge Recycled (AF)
11	Bear Valley Mutual Water Company	BVMWC	10,332	10,220	6,940	12,383	13,515	10,678	262	-	2,581	13,521	8.8%	15,124	6.31%	(13,515)	-	-	-
12	City of Colton	Colton	3,842	3,695	2,943	2,624	1,743	2,969	-	-	2,969	2,969	1.9%	3,321	1.39%	(1,743)	-	-	-
13	City of Loma Linda	Loma Linda	5,070	5,158	4,725	5,182	5,202	5,067	-	-	-	5,067	3.3%	5,668	2.36%	(5,202)	-	235	-
14	City of Redlands	Redlands	25,528	25,675	23,597	25,573	25,968	25,268	84	4,731	2,854	32,937	21.3%	36,842	15.37%	(25,968)	6,799	2,068	-
15	City of Rialto	Rialto	3,149	6,411	5,406	5,091	6,313	5,274	696	-	10	5,980	3.9%	6,689	2.79%	(6,313)	-	-	-
16	City of San Bernardino	SBMWD	29,154	39,523	37,144	39,618	41,558	37,399	3,000	-	6	40,405	26.2%	45,196	18.85%	(41,558)	-	-	-
17	East Valley Water District	EVWD	20,103	19,989	17,143	20,828	17,715	19,156	1,489	-	2,454	23,099	15.0%	25,837	10.78%	(17,715)	-	-	-
18	Fontana Union Water Company	FWC	4,112	5,147	6,045	6,424	6,094	5,564	-	-	-	5,564	3.6%	6,224	2.60%	(6,094)	-	-	-
19	Loma Linda University	LLU	990	986	961	1,030	1,061	1,006	-	-	-	1,006	0.7%	1,125	0.47%	(1,061)	-	-	-
20	Mountain View Power Co.	SCE	1,889	863	1,251	1,674	1,020	1,339	-	-	-	1,339	0.9%	1,498	0.62%	(1,020)	-	-	-
21	Muscoy Mutual Water Company No. 1	MMWC	1,652	1,649	1,571	1,739	1,823	1,687	-	-	-	1,687	1.1%	1,887	0.79%	(1,823)	-	-	-
22	San Bernardino County - Facility Management	SBC	841	846	770	1,093	1,096	929	-	-	-	929	0.6%	1,039	0.43%	(1,096)	-	-	-
23	San Bernardino Valley M.W.D.	SBVMWD	-	449	1	1	1	90	-	-	-	90	0.1%	101	0.04%	(1)	-	-	-
24	Terrace Water Company	Terrace	464	343	205	141	1	231	-	-	-	231	0.1%	258	0.11%	(1)	-	-	-
25	West Valley Water District	WVWD	9,226	11,006	12,216	13,875	12,086	11,682	673	-	16	12,371	8.0%	13,837	5.77%	(12,086)	-	-	-
26	Yucaipa Valley Water District	YVWD	110	178	92	133	96	122	-	-	-	122	0.1%	136	0.06%	(96)	-	-	-
27	Other Inside SBVWCD	Other	5,473	5,915	5,836	5,203	6,320	5,749	376	-	-	6,126	4.0%	6,852	2.86%	(6,320)	-	-	-
28	Other Outside SBVWCD	Other	1,323	995	922	843	873	991	-	-	-	991	0.6%	1,109	0.46%	(873)	-	-	-
29	San Bernardino Entities Total:		123,258	139,048	127,769	143,455	142,486	135,203	6,580	4,731	7,921	154,435	100%	172,745	72.05%	(142,486)	6,799	2,303	-
30	Western Entities Total:		-	-	-	-	-	66,998	-	-	-	-	-	66,998	27.95%	-	-	-	-
31																			
32																			
33	Total:		123,258	139,048	127,769	143,455	142,486	202,201						239,743	100%				
34																			

35	REVISED EAM - FY2023-24 Calculation												
36		Equitable Water Costs					Equitable O&M Costs			Total (2023-24)			
37	Agency	Party Gap (AF)	Water Use (%)	Sustainability (AF)	Total Water (AF)	Credit for New Recycled Water (AF)	Total Water after Credit (AF)	Estimated Total Water Cost (\$)	Proportion of Total Pumping	Equitable O&M Costs	Equitable Admin Costs	Estimated Total Party Costs (\$)	Voting Weight 2023-2024
38	Bear Valley Mutual Water Company	0	0.1%	16	16	-	16	\$ 1,853	0.04%	\$ 594	\$ -	\$ 2,447	0.1%
39	City of Colton	0	2.2%	656	656	-	656	\$ 77,612	1.1%	\$ 15,462	\$ -	\$ 93,074	2.6%
40	City of Loma Linda	0	3.7%	1,119	1,119	-	1,119	\$ 132,448	3.3%	\$ 46,146	\$ -	\$ 178,594	4.9%
41	City of Redlands	0	22.2%	6,641	6,641	4,731	1,910	\$ 226,161	15.9%	\$ 225,832	\$ -	\$ 451,993	12.5%
42	City of Rialto	0	4.4%	1,318	1,318	-	1,318	\$ 156,038	3.3%	\$ 47,423	\$ -	\$ 203,462	5.6%
43	City of San Bernardino	0	29.8%	8,918	8,918	-	8,918	\$ 1,055,934	26.0%	\$ 368,652	\$ -	\$ 1,424,586	39.4%
44	East Valley Water District	0	15.2%	4,557	4,557	-	4,557	\$ 539,586	7.8%	\$ 110,211	\$ -	\$ 649,796	18.0%
45	Fontana Union Water Company	0	4.1%	1,228	1,228	-	1,228	\$ 145,438	2.2%	\$ 30,586	\$ -	\$ 176,025	4.9%
46	Loma Linda University	0	0.7%	222	222	-	222	\$ 26,284	0.7%	\$ 9,412	\$ -	\$ 35,696	1.0%
47	San Bernardino Valley M.W.D.	0	0.0%	-	-	-	-	\$ -	0.0%	\$ 9	\$ -	\$ 9	0.0%
48	West Valley Water District	0	9.1%	2,727	2,727	-	2,727	\$ 322,918	5.4%	\$ 76,680	\$ -	\$ 399,597	11.0%
49	Yucaipa Valley Water District	0	0.1%	27	27	-	27	\$ 3,184	0.1%	\$ 852	\$ -	\$ 4,035	0.1%
50	Total Purchased by GC Parties:	0	91.6%	27,429	27,429	4,731	22,698	\$ 2,687,455	65.72%	\$ 931,858	\$ -	\$ 3,619,313	100%
51													
52	Mountain View Power Co.	0	1.0%	296	296	-	296	\$ 35,008	0.6%	#N/A	\$ -	\$ 35,008	#N/A
53	Muscoy Mutual Water Company No. 1	0	1.2%	372	372	-	372	\$ 44,088	1.1%	#N/A	\$ -	\$ 44,088	#N/A
54	San Bernardino County - Facility Management	57	0.7%	205	262	-	262	\$ 30,992	0.7%	#N/A	\$ -	\$ 30,992	#N/A
55	Terrace Water Company	0	0.2%	51	51	-	51	\$ 6,032	0.0%	#N/A	\$ -	\$ 6,032	#N/A
56	Other Inside SBVWCD	0	4.5%	1,352	1,352	-	1,352	\$ 160,107	3.7%	#N/A	\$ -	\$ 160,107	#N/A
57	Other Outside SBVWCD	0	0.7%	219	219	-	219	\$ 25,907	0.1%	#N/A	\$ -	\$ 25,907	#N/A
58	Non-Parties Total:	57	8.3%	2,495	2,552	-	2,552	\$ 302,135	6.33%	\$ -	\$ -	\$ 302,135	#N/A
59													
60	Western Entities Total:	0	0%	-	-	-	-	\$ -	27.95%	\$ -	\$ -	\$ -	#N/A
61													
62	Total:	57	100%	29,924	29,981	4,731	25,250	\$ 2,989,590	100%	\$ 931,858	\$ -	\$ 3,921,449	#N/A

REVISED GC EAM 2023-2024 Fiscal Year Annual O&M and SWP for Ultimate Sustainability (2040)



Corrections for Previous Years	
Agency	None
Bear Valley Mutual Water Company	\$ -
City of Colton	\$ -
City of Loma Linda	\$ -
City of Redlands	\$ -
City of Rialto	\$ -
City of San Bernardino	\$ -
East Valley Water District	\$ -
Fontana Union Water Company	\$ -
Loma Linda University	\$ -
San Bernardino Valley M.W.D.	\$ -
West Valley Water District	\$ -
Yucaipa Valley Water District	\$ -
Total GC Parties:	\$ -
Mountain View Power Co.	\$ -
Muscoy Mutual Water Company No. 1	\$ -
San Bernardino County - Facility Management	\$ -
Terrace Water Company	\$ -
Other Inside SBVWCD	\$ -
Other Outside SBVWCD	\$ -
San Bernardino Non-Parties Total:	\$ -
Western Entities Total:	\$ -
Total:	\$ -

Notes

Credit for Water Brought to the Basin	
Agency	New Recycled Water (AF)
Bear Valley Mutual Water Company	-
City of Colton	-
City of Loma Linda	-
City of Redlands	4,731
City of Rialto	-
City of San Bernardino	-
East Valley Water District	-
Fontana Union Water Company	-
Loma Linda University	-
San Bernardino Valley M.W.D.	-
West Valley Water District	-
Yucaipa Valley Water District	-
Total GC Parties:	4,731
Mountain View Power Co.	-
Muscoy Mutual Water Company No. 1	-
San Bernardino County - Facility Management	-
Terrace Water Company	-
Other Inside SBVWCD	-
Other Outside SBVWCD	-
San Bernardino Non-Parties Total:	-
Western Entities Total:	-
Total:	4,731

Recycled Water

Redlands - Credit for Recycled water either for recharge or delivered to Edison. 2,068AF of recycled water was present in the base period and is subtracted from the total. Data provided by the agency.

Extraction Data and Adjustments

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2	Verified Total Extractions											Pumping Adjustments					Other Distribution Verified Extractions					Credits for Recycled Water to the Basin			Excess Surfa						
3	Source: 1971 Watermaster Report Summary of Extractions (Filed and Nonfiled) in the SBBA by Non-Plaintiffs for use in SB County											Source: 2021 Watermaster Report Volume 1 Table 3 (BVMWD Volume 1 Table 1, Volume 1A Table 1, BVMW Report)					Source: 2020 Watermaster Report Volume 1 Change in Ownership from Base Period					Recycled Water (Base period)		Total 2021							
4	Agency	1959	1960	1961	1962	1963	2017	2018	2019	2020	2021		2017	2018	2019	2020	2021		1959	1960	1961	1962	1963	AVG	2021	1959-63	2021			2017	2018
5	Bear Valley Mutual Water Company	24,597	20,706	19,405	18,864	15,632	16,396	11,550	14,414	18,526	11,062		-	-	-	-	-		-	-	1,012	974	882	574	-	-	-	-	2,805	669	
6	City of Colton	2,814	3,606	3,305	3,743	3,267	3,842	3,695	2,943	2,624	1,743		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
7	City of Loma Linda	-	-	-	-	-	5,070	5,158	4,725	5,182	5,202		-	-	-	-	-		1,827	1,840	1,991	1,729	1,290	1,735	-	-	-	-	-	-	
8	City of Redlands	18,717	19,264	18,365	19,901	15,922	24,216	21,710	25,739	28,424	29,039		-	-	448	1	1	824	7,202	6,245	8,554	7,022	6,439	7,092	6,799	2,068	4,731	2,852	1,740		
9	City of Rialto	1,659	795	959	1,068	1,397	3,885	4,413	3,560	3,897	4,868		1,692	1,998	2,372	1,720	1,445		959	827	875	1,033	470	833	-	-	-	-	-	-	
10	City of San Bernardino	17,268	16,099	18,448	17,575	16,456	38,478	40,158	37,875	40,504	43,299		(139)	(635)	(731)	(886)	(1,732)		4,111	3,704	3,633	3,070	2,821	3,468	-	-	-	-	-	-	
11	East Valley Water District	6,545	6,891	7,632	7,022	7,427	15,214	14,545	12,276	15,169	12,424		-	-	-	-	-		7,003	7,044	8,519	8,352	7,621	7,562	-	-	-	-	420	1,693	
12	Fontana Union Water Company	19,841	15,649	13,295	14,674	12,086	4,112	5,147	6,045	6,424	6,094		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
13	Loma Linda University	1,011	1,116	1,202	1,166	901	990	986	961	1,030	1,061		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
14	Mountain View Power Co.	1,410	1,219	1,425	726	744	1,889	863	1,251	1,674	1,020		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
15	Muscoy Mutual Water Company No. 1	1,943	1,870	2,028	1,863	1,684	1,652	1,649	1,571	1,739	1,823		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
16	San Bernardino County - Facility Management	636	615	809	564	386	841	846	770	1,093	1,096		-	-	-	-	-		1,045	733	823	871	655	825	-	-	-	-	-	-	
17	San Bernardino Valley M.W.D.	-	-	-	-	-	4,921	6,421	6,321	6,100	5,402		(4,921)	(5,972)	(6,320)	(6,099)	(5,401)		-	-	-	-	-	-	-	-	-	-	-	-	-
18	Terrace Water Company	1,318	921	1,077	1,012	899	464	343	205	141	1		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
19	West Valley Water District	13,584	12,090	13,587	11,331	11,837	7,108	6,966	9,361	10,066	8,892		3,368	4,040	4,065	4,713	3,194		-	-	-	-	-	-	-	-	-	-	-	-	
20	Yucaipa Valley Water District	-	-	-	-	-	110	178	92	133	96		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
21	Other Inside SBVWCD	67,682	64,704	70,511	65,354	60,528	5,473	5,915	5,836	5,203	6,320		-	-	-	-	-		(18,509)	(17,282)	(22,440)	(19,856)	(17,735)	(19,164)	-	-	-	-	-	-	
22	Other Outside SBVWCD	11,218	8,562	8,989	10,240	8,563	1,323	995	922	843	873		-	-	-	-	-		(3,638)	(3,111)	(2,967)	(3,195)	(2,443)	(2,925)	-	-	-	-	-	-	
23	Santa Ana River Recharge Balance Difference						17,472	3,422	492	2,561	708		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
24	<i>(Between BTRIC charges and use of SAR water)</i>																														
25	San Bernardino Entities Total:	190,243	174,107	181,037	175,103	157,729	153,456	134,960	135,359	151,333	141,014		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
26	City of Riverside	25,983	23,024	24,682	24,391	22,379	21,829	18,995	15,752	21,730	21,559		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
27	City of Riverside - Gage Canal	31,805	29,019	30,670	28,440	26,999	28,627	30,893	26,775	27,780	26,620		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
28	Meeks & Daley Water Company	7,282	8,037	9,399	7,560	7,854	7,218	7,217	7,444	6,537	7,736		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
29	Regents of University of California	558	546	658	564	425	554	554	554	554	554		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
30	Riverside Highland Water Co.	4,745	4,241	5,535	4,147	3,326	1,903	2,641	2,938	3,498	3,651		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
31	Western Entities Total:	70,373	64,867	70,944	65,102	60,983	60,131	60,300	53,463	60,099	60,120		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
32	Total:	260,616	238,974	251,981	240,205	218,712	213,587	195,260	188,822	211,432	201,134		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	

33	Agency	2017	2018	2019	2020	2021
34	Bear Valley Mutual Water Company	-	-	-	-	-
35	City of Colton	-	-	-	-	-
36	City of Loma Linda	-	-	-	-	-
37	City of Redlands	-	-	-	-	-
38	City of Rialto	2,428	-	526	526	-
39	City of San Bernardino	9,185	-	-	-	-
40	East Valley Water District	1,704	-	-	-	-
41	Fontana Union Water Company	-	-	-	-	-
42	Loma Linda University	-	-	-	-	-
43	Mountain View Power Co.	-	-	-	-	-
44	Muscoy Mutual Water Company No. 1	-	-	-	-	-
45	San Bernardino County - Facility Management	-	-	-	-	-
46	San Bernardino Valley M.W.D.	-	-	-	-	-
47	Terrace Water Company	-	-	-	-	-
48	West Valley Water District	1,250	-	1,210	904	-
49	Yucaipa Valley Water District	-	-	-	-	-
50	Other Inside SBVWCD	-	-	-	-	-
51	Other Outside SBVWCD	-	-	-	-	-
52	San Bernardino Entities Total:	14,567	-	1,736	1,430	-

33	Agency	2017	2018	2019	2020	2021
34	Bear Valley Mutual Water Company	466	144	101	518	83
35	City of Colton	-	-	-	-	-
36	City of Loma Linda	-	-	-	-	-
37	City of Redlands	129	-	-	290	-
38	City of Rialto	2,428	-	526	526	-
39	City of San Bernardino	15,001	-	-	-	-
40	East Valley Water District	2,001	522	2,219	852	1,849
41	Fontana Union Water Company	-	-	-	-	-
42	Loma Linda University	-	-	-	-	-
43	Mountain View Power Co.	-	-	-	-	-
44	Muscoy Mutual Water Company No. 1	-	-	-	-	-
45	San Bernardino County - Facility Management	-	-	-	-	-
46	San Bernardino Valley M.W.D.	-	-	-	-	-
47	Terrace Water Company	-	-	-	-	-
48	West Valley Water District	1,250	-	1,210	904	-
49	Yucaipa Valley Water District	-	-	-	-	-
50	Other Inside SBVWCD	941	632	29	32	247
51	Other Outside SBVWCD	-	-	-	-	-
52	San Bernardino Entities Total:	22,216	1,298	4,085	3,122	2,179

53	Agency	1959	1960	1961	1962	1963	2017	2018	2019	2020	2021
54	Bear Valley Mutual Water Company	-	-	-	-	-	-	-	-	-	-
55	City of Colton	-	-	-	-	-	-	-	-	-	-
56	City of Loma Linda	-	-	-	-	-	-	-	-	-	-
57	City of Redlands	624	626	625	587	624	1,241	1,002	1,396	1,583	967
58	City of Rialto	1,069	994	1,286	1,403	1,279	-	-	-	-	-
59	City of San Bernardino	8,484	5,833	4,358	8,526	6,239	3,419	1,543	3,609	5,918	2,646
60	East Valley Water District	-	-	-	-	-	-	-	-	-	-
61	Fontana Union Water Company	-	-	-	-	-	-	-	-	-	-
62	Loma Linda University	-	-	-	-	-	-	-	-	-	-
63	Mountain View Power Co.	-	-	-	-	-	-	-	-	-	-
64	Muscoy Mutual Water Company No. 1	-	-	-	-	-	-	-	-	-	-
65	San Bernardino County - Facility Management	-	-	-	-	-	-	-	-	-	-
66	San Bernardino Valley M.W.D.	-	-	-	-	-	-	-	-	-	-
67	Terrace Water Company	-	-	-	-	-	-	-	-	-	-
68	West Valley Water District	4,259	2,766	2,424	4,393	4,097	2,442	2,549	5,897	5,112	3,442
69	Yucaipa Valley Water District	-	-	-	-	-	-	-	-	-	-
70	Other Inside SBVWCD	-	-	-	-	-	-	-	-	-	-
71	Other Outside SBVWCD	-	-	-	-	-	595	755	622	711	676
72	San Bernardino Entities Total:	14,436	10,219	8,693	14,909	12,239	7,697	5,849	11,524	13,324	7,731

53	Agency	2017	2018	2019	2020	2021
54	Bear Valley Mutual Water Company	-	-	-	-	-
55	City of Colton	-	-	-	-	-
56	City of Loma Linda	-	-	-	-	-
57	City of Redlands	-	-	-	-	-
58	City of Rialto	-	-	-	-	-
59	City of San Bernardino	-	-	-	-	-
60	East Valley Water District	0	9	42	122	113
61	Fontana Union Water Company	-	-	-	-	-
62	Loma Linda University	-	-	-	-	-
63	Mountain View Power Co.	-	-	-	-	-
64	Muscoy Mutual Water Company No. 1	-	-	-	-	-
65	San Bernardino County - Facility Management	-	-	-	-	-
66	San Bernardino Valley M.W.D.	-	-	-	-	-
67	Terrace Water Company	-	-	-	-	-
68	West Valley Water District	-	-	-	-	-
69	Yucaipa Valley Water District	-	-	-	-	-
70	Other Inside SBVWCD	7,081	6,437	4,718	6,259	4,933
71						

SBB GC Water Charge FY2023-24		
GC Parties	FY23-24 Water Cost (\$)	FY23-24 Water Cost (AF)
Bear Valley Mutual Water Company	\$ 1,853	16
City of Colton	\$ 77,612	656
City of Loma Linda	\$ 132,448	1119
City of Redlands	\$ 226,161	1910
City of Rialto	\$ 156,038	1318
City of San Bernardino	\$ 1,055,934	8918
East Valley Water District	\$ 539,586	4557
Fontana Union Water Company	\$ 145,438	1228
Loma Linda University	\$ 26,284	222
San Bernardino Valley M.W.D.	\$ -	0
West Valley Water District	\$ 322,918	2727
Yucaipa Valley Water District	\$ 3,184	27
Total GC Parties:	\$2,687,455	22698

SBB GC O&M Charge FY2023-24	
GC Parties	FY23-24 O&M Cost (AF)
Bear Valley Mutual Water Company	\$ 594
City of Colton	\$ 15,462
City of Loma Linda	\$ 46,146
City of Redlands	\$ 225,832
City of Rialto	\$ 47,423
City of San Bernardino	\$ 368,652
East Valley Water District	\$ 110,211
Fontana Union Water Company	\$ 30,586
Loma Linda University	\$ 9,412
San Bernardino Valley M.W.D.	\$ 9
West Valley Water District	\$ 76,680
Yucaipa Valley Water District	\$ 852
Total GC Parties:	\$ 931,858