

# **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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# GROUNDWATER COUNCIL MEETING AGENDA

### **MONDAY, DECEMBER 13, 2021 - 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 October 11, 2021, Meeting Minutes
Groundwater Council Meeting Minutes 10-11-2021

### 2. **NEW BUSINESS**

- 2.1 Review draft FY 22-23 Groundwater Council Budget Draft FY 22-23 EAM
- 2.2 Consider Request from the City of Redlands and Bear Valley Mutual Water Company to Receive Credit for Recharge in the San Bernardino Basin 20211130 GC Recharge Credit Request\_Redlands
- 2.3 Consider Changing Annual Imported Water Purchase Goal to 29,000 AF
- 2.4 State Water Project Supply Update

#### 3. OLD BUSINESS

## 4. OTHER BUSINESS

# 5. SET DATE FOR NEXT MEETING

The next regularly scheduled Groundwater Council meeting will be on February 14, 2022, at 10:00am.

# 6. ADJOURNMENT

# MINUTES OF THE GROUNDWATER COUNCIL

### October 11, 2021

### **Registered Guests:**

Daniel Cozad, San Bernardino Valley Water Conservation District Jeff Noelte, East Valley Water District Miguel Guerrero, San Bernardino Municipal Water Department Bob Tincher, San Bernardino Valley Municipal Water District Matthew Howard, San Bernardino Valley Municipal Water District Adekunle Ojo, San Bernardino Valley Municipal Water District Wen Huang, San Bernardino Valley Municipal Water District Kristeen Farlow, San Bernardino Valley Municipal Water District Cindy Saks, San Bernardino Valley Municipal Water District Sam Fuller, Bear Valley Mutual Water Company Jarb Thaipeir, City of Loma Linda Cecilia Griego, City of Redlands Katelyn Scholte, San Bernardino Valley Water Conservation District Linda Jadeski, West Valley Water District Van Jew, West Valley Water District Jennifer Ares, Yucaipa Valley Water District Brian Dickinson, City of Colton George Hanson, Bear Valley Mutual Water Company Jesus Gastelum, Elsinore Valley Municipal Water District

The Groundwater Council meeting was called to order by Vice Chairman, Jarb Thaipeir at 10:04 a.m. by teleconference.

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

Agenda Item 1. Approval of Minutes.

### 1. August 9, 2021, Meeting.

Bob Tincher moved to approve the minutes of the August 9, 2021, Groundwater Council meeting. Daniel Cozad seconded. The motion was adopted unanimously by a non-roll-call vote.

### Agenda Item 2. New Business.

# 1. Presentation of the Final 2020 San Bernardino Basin Groundwater Council Annual Report

Matt Howard presented the final 2020 San Bernardino Basin (SBB) Groundwater Council (GC) Annual Report. Mr. Howard informed the GC that the draft 2020 GC Annual Report was presented at the August 9 GC meeting and that any comments on the draft 2020 GC Annual Report be submitted by August 23, 2021. Mr. Howard informed the GC that minor or clarifying comments were received from West Valley Water District, Fontana Water Company, San Bernardino Municipal Water Department, and the San Bernardino Valley Water Conservation District. Mr. Howard informed the GC that all the comments received were addressed and were applicable, incorporated into the 2020 GC Annual Report. Mr. Howard informed the GC that Valley District will provide printed copies of the 2020 GC Annual Report to those GC member agencies that request hardcopies and that an electronic version is also available.

Miguel Guerrero moved to approve the final 2020 San Bernardino Basin Groundwater Council Annual Report. Daniel Cozad seconded the motion. The motion was adopted unanimously by a non-roll call vote.

# 2. Consider Volume of Imported Water that is used in the Equitable Allocation Model

Bob Tincher provided a presentation on the volume of imported water that the GC plans to purchase each year to ensure long term sustainability for the San Bernardino Basin (SBB). The value is defined in the GC Agreement as "the amount of SWP water, in acre-feet...which shall be obtained from the latest edition of the San Bernardino Valley Regional Urban Water Management Plan, Average Scenario for the latest planning year...". Mr. Tincher explained that the latest edition of our regional urban water management plan completed in 2020, the Integrated Regional Urban Water Management Plan (IRUWMP), estimates that the SBB is in balance meaning that it does not require any imported SWP water for the latest planning year. Using this value would result in the GC not purchasing any imported water for, at least, the next 5 years until the IRUWMP is next updated. Mr. Tincher also reminded the group that the preferred management strategy for the SBB is to keep the basin as full as possible so that the region would have more water in storage to begin a long dry period. He also presented the latest storage value for the SBB which shows that the basin has almost 1 million acre-feet of space available for storage. The GC was not in favor of

recharging no imported water and discussed a few alternatives to the current approach. They decided to continue to purchase the same amount of imported water they have been purchasing but to round the number up to 29,000 acre-feet.

Jarb Thaipejr moved to use 29,000 acre-feet in the GC EAM. Daniel Cozad seconded the motion. The motion was adopted unanimously by a non-roll call vote.

# 3. Update on the Groundwater Council Membership for Non-Council Producers in the San Bernardino Basin

Daniel Cozad introduced this item and discussed the recent communication and progress made with Southern California Edison and other various producers in San Bernardino Basin that have not yet joined the GC. Adekunle Ojo also mentioned discussions with the County of San Bernardino regarding joining the GC. Mr. Ojo has also reached out to Muscoy Mutual Water Company and Terrace Water Company to schedule meetings to discuss joining the GC.

### Agenda Item 3. Old Business.

None

### Agenda Item 4. Other Business.

Jarb Thaipejr informed the GC that the City of Loma Linda recently completed their transition to advanced metering infrastructure (AMI), including new AMI meters, radio network towers and AMI software. This AMI upgrade will allow the residents of Loma Linda to check their water use on an hourly basis providing real time data to assist in water use efficiency programs and water loss audit reporting.

### Agenda Item 5. Set Date for Next Meeting

The next regularly scheduled Groundwater Council Meeting will be on December 13, 2021 at 10:00 a.m.

### Agenda Item 4. Adjournment.

There being no further business, Vice Chairman Thaipeir adjourned the meeting 10:54 a.m.

APPROVAL CERTIFICATION I hereby certify to approval of the foregoing Minutes of the Groundwater Council.	Respectfully submitted,
Secretary Date	Matthew Howard Water Resources Senior Project Planner

## Groundwater Council Equitablle Allocation Budget for FY 2022-23

Agency	Party Gap FY22-23 (AF)	Sustainability FY22-23 (AF)	Credit for Water brought to the Basin (AF)	Total Equitable Water Cost FY22-23 (\$)	Water Corrections for Previous Years (\$)	Total Water Cost with Corrections (\$)	Total Water with Corrections (AF)	Equitable O&M Costs FY22-23 (\$)	O&M Corrections for Previous Years (\$)		Total Party Costs FY22- 23 (\$)	Voting Weight 2022-23
Bear Valley Mutual Water Company	-	7	(4,053)	\$ -	\$ -	\$ -	0	\$ 1,493	\$ -	\$ 1,493	\$ 1,493	0.05%
City of Colton	-	405	-	\$ 47,928	\$ 2,805	\$ 50,733	428	\$ 18,835	\$ -	\$ 18,835	\$ 69,567	2.1%
City of Loma Linda	1,301	623	-	\$ 227,749	\$ 3,358	\$ 231,107	1952	\$ 37,196	\$ -	\$ 37,196	\$ 268,303	8.5%
City of Redlands	1,513	3,679	(4,521)	\$ 79,496	\$ 22,439	\$ 101,935	861	\$ 169,067	\$ -	\$ 169,067	\$ 271,003	8.0%
City of Rialto	1,157	741	(8)	\$ 223,782	\$ 4,154	\$ 227,936	1925	\$ 28,956	\$ -	\$ 28,956	\$ 256,892	8.1%
City of San Bernardino	5,979	5,088	(11)	\$1,309,038	\$ 28,048	\$ 1,337,086	11293	\$ 285,837	\$ -	\$ 285,837	\$ 1,622,923	51.2%
East Valley Water District	-	2,599	(3,404)	\$ -	\$ -	\$ -	0	\$ 108,881	\$ -	\$ 108,881	\$ 108,881	3.5%
Fontana Union Water Company	-	611	-	\$ 72,355	\$ 3,397	\$ 75,752	640	\$ 3,632	\$ -	\$ 3,632	\$ 79,384	2.4%
Loma Linda University	-	125	-	\$ 14,799	\$ 801	\$ 15,600	132	\$ 7,393	\$ -	\$ 7,393	\$ 22,993	0.7%
San Bernardino Valley M.W.D.	-	11	-	\$ 1,340	\$ -	\$ 1,340	11	\$ 7	\$ -	\$ 7	\$ 1,347	0.0%
West Valley Water District	1,931	1,471	(18)	\$ 400,637	\$ (90,646)	\$ 309,992	2618	\$ 69,388	\$ -	\$ 69,388	\$ 379,380	15.1%
Yucaipa Valley Water District	53	17	-	\$ 8,243	\$ 76	\$ 8,319	70	\$ 955	\$ -	\$ 955	\$ 9,274	0.3%
Total GC Parties:	11,934	15,377	\$ (12,015)	\$2,385,368	\$ (25,569)	\$ 2,359,799	19931	\$ 731,640	\$ -	\$ 731,640	\$3,091,439	100%
Mountain View Power Co.	240	193	-	\$ 51,246	\$ 1,344	\$ 52,590	444	#N/A	\$ -	#N/A	\$ 52,590	#N/A
Muscoy Mutual Water Company No. 1	-	204	-	\$ 24,175	\$ 1,251	\$ 25,426	215	#N/A	\$ -	#N/A	\$ 25,426	#N/A
San Bernardino County - Facility Management	-	100	-	\$ 11,896	\$ 557	\$ 12,453	105	#N/A	\$ -	#N/A	\$ 12,453	#N/A
Terrace Water Company	-	39	-	\$ 4,669	\$ 298	\$ 4,967	42	#N/A	\$ -	#N/A	\$ 4,967	#N/A
Other Inside SBVWCD	-	764	(18)	\$ 88,273	\$ 5,105	\$ 93,378	789	#N/A	\$ -	#N/A	\$ 93,378	#N/A
Other Outside SBVWCD	-	148	-	\$ 17,520	\$ 952	\$ 18,472	156	#N/A	\$ -	#N/A	\$ 18,472	#N/A
San Bernardino Non-Parties Total:	240.05	1,449	(18)	\$ 197,779	\$ 9,507	\$ 207,285	1751	\$ -	\$ -	\$ -	\$ 207,285	0%
Western Entities Total:	-	-	-	-	-	-	0	\$ -	-	-	\$ -	0%
Total:	12,174	16,826	(12,034)	\$2,583,146	\$ (16,062)	\$ 2,567,084	21681	\$ 731,640	\$ -	\$ 731,640	\$3,298,724	100%

11/30/2021

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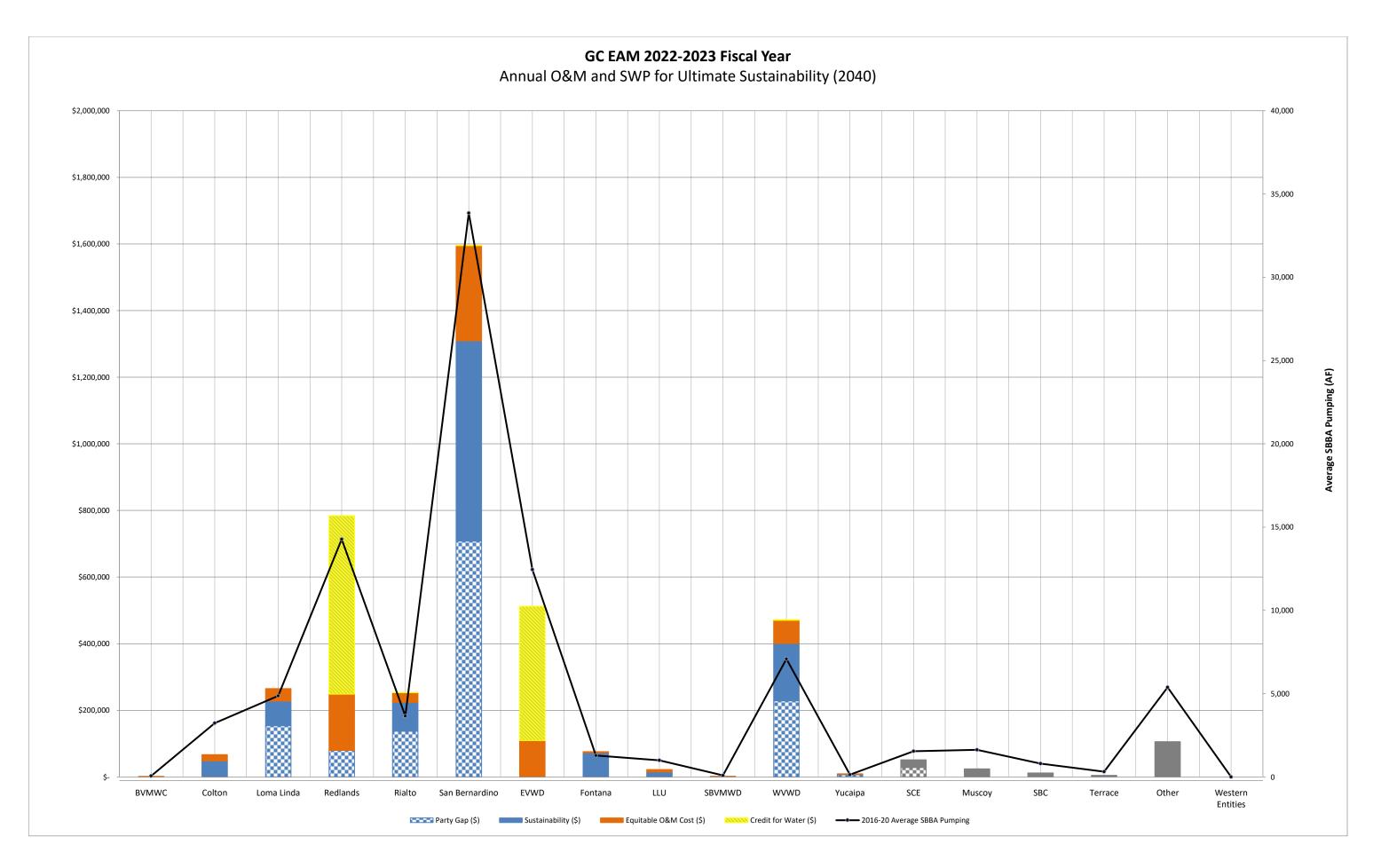
## Calculation for FY 2022-23

	В	C	D	F	F	G	Н	<del></del>	T 1	К	aicuiati	М	N	0	Р	Q	R	ς	Т	U	V	W
Calculation for 2022-23	В		Б						,	K		IVI	IN .	U	·	ų .	IV.	3	<u> </u>		V	VV
								Present Per	iod Safe Yield	1												
Precipitation Adjustm Rech Direct SWP Cost Recharge (\$,		Sustair	nable Amount (AF)		₫ '	Base Period	d Safe Yield	New Conservation	Present Safe Yield	<u> </u>												
Recha	0		dgeted Water Cost		Non-Plaintiff	72.05% 27.95%																
Direct SWP Cost Recharge (\$)		-	&M Cost SBVWCD O&M Cost SBCFCD		Plaintiff	27.95%	64,862	2,136	66,998	_												
			eted Admin Costs		<u> </u>																	
4	ı																			٦		
Base Period	1959-63		1959-1963 E	Base Period SBBA Pro	oduction (AF)			Total	l Average Use, 1959	-1963			Safe Yield Dis	stribution		Total SBBA Demand	Groundwater	Average Surface Water	Total Base Period			
				$\overline{}$	T	<u> </u>	1959-63	<del></del>	!	1						Demand		Juliace Water	Teriou	1		
Agency	Abbreviation	1959	1960	1961	1962	1963	Average	Other Distribution	Recycled Water <sub>195</sub>	1959-1963 Total	% of Total	Safe Yield 1959-63	Safe Yield % of	SW <sub>1959-63</sub>	GWSY <sub>1959-63</sub>	Demand Previous Year	GWSY <sub>1959-63</sub>	SW <sub>1959-63</sub>	Gap <sub>1959-63</sub>			
Agency	Abbreviation	1959	1900	1961	1962	1903	GW + SW	Other Distribution	63 (AF)	Average Use (AF)	% 01 10tai	(AF)	Total	(AF)	(AF)	(2020)	(AF)	(AF)	Gap <sub>1959-63</sub>			
Bear Valley Mutual Water Company	BVMWC	16,855	13,583	14,273	11,626	9,831	(AF) 13,234	574	-	13,807	7.76%	12,976	5.59%	8,344	4,632	(12,383)	4,632	8,344	593	4		
2 City of Colton	Colton	2,814	3,606	3,305	3,743	3,267	3,347	-	-	3,347	1.88%	3,146	1.36%	-	3,146	(2,624)	3,146	-	522	1		
3 City of Loma Linda	Loma Linda	0	0	0	0	0		1,735	235	1,970	1.11%	1,852	0.80%	-	1,852	(5,182)	1,852	<u> </u>	(3,330)	]		
4 City of Redlands 5 City of Rialto	Redlands Rialto	19,378 1,659	19,941 795	18,736 959	20,758 1,068	16,676 1,397	19,098 1,176	7,092 833	2,068	28,258 2,008	15.88% 1.13%	26,558 1,888	11.44% 0.81%	6,864 617	19,694 1,270	(34,511) (5,617)	19,694 1,270	6,864 617	(7,953) (3,729)	-		
City of San Bernardino	SBMWD	17,268	16,099	18,448	17,575	16,456	17,169	3,468	-	20,637	11.60%	19,395	8.36%	1,206	18,189	(39,822)	18,189	1,206	(20,427)	1		
East Valley Water District	EVWD	6,545	6,900	7,674	7,144	7,540	7,161	7,562		14,723	8.27%	13,837	5.96%	57	13,779	(18,372)	13,779	57	(4,536)	]		
Fontana Union Water Company     Loma Linda University	FWC LLU	19,841 1,011	15,649 1,116	13,295 1,202	14,674 1.166	12,086 901	15,109 1,079	-	-	15,109 1,079	8.49% 0.61%	14,200 1,014	6.12% 0.44%	6,688	7,512 1.014	(6,424)	7,512 1.014	6,688	7,776 (16)	-		
Mountain View Power Co.	SCE	1,410	1,110	1,425	726	744	1,105	-	-	1,105	0.62%	1,014	0.45%		1,014	(1,674)	1,014		(636)	1		
Muscoy Mutual Water Company No. 1	MMWC	1,943	1,870	2,028	1,863	1,684	1,878			1,878	1.06%	1,765	0.76%	-	1,765	(1,739)	1,765		26	_]		
San Bernardino County - Facility Management San Bernardino Valley M.W.D.	nt SBC SBVMWD	636 0	615 0	809 0	564 0	386 0	602	825		1,427	0.80% 0%	1,341 -	0.58% 0.00%	- -	1,341	(1,093) (1)	1,341	<b> </b>	248	-		
Terrace Water Company	Terrace	1,318	921	1,077	1,012	899	1,045	-	-	1,045	0.59%	982	0.42%		982	(141)	982	<u> </u>	841	1		
West Valley Water District	WVWD	13,584	12,090	13,587	11,331	11,837	12,486	-	-	12,486	7.02%	11,734	5.06%	3,588	8,147	(14,779)	8,147	3,588	(3,045)	_		
Yucaipa Valley Water District Other Inside SBVWCD	YVWD Other	0 74,763	0 71,141	0 75,229	0 71,613	0 65,461	71,642	(19,164)		- 52,477	0.00% 29.49%	- 49,319	0.00% 21.25%	5,886	43,433	(133) (5,235)	43,433	5,886	(133) 44,084	-		
Other Inside SBVWCD  Other Outside SBVWCD	Other	74,763 11,218	71,141 8,562	75,229 8,989	10,240	65,461 8,563	71,642 9,514	(19,164)	-	6,590	29.49% 3.70%	49,319 6,193	21.25%	- 000,0	43,433 6,193	(5,235)	43,433 6,193	3,000 -	5,350	1		
9 Non-Plaintiff Total:		190,243	174,107	181,037	175,103	157,729	175,644	-	2,303	177,947	100%	167,238	72.05%	33,250	133,988	(151,603)	133,988	33,250	15,635	]		
1 Plaintiff Total:		70,373	64,867	70,944	65,102	60,983	64,862	-	!	!		64,862	27.95%		64,862	1						
2																1						
	tal:	260,616	238,974	251,981	240,205	218,712	240,506	<u> </u>			-	232,100	100%	33,250	198,850							
4 5																						
<b>4</b>	ı															1	r					
Current (last 5 years)	2016-20		Present Period	d Net SBBA GW + SW	Prodcution (AF)			Total	Average Use, 2016-	20(AF)			Safe Yield Dis	stribution		Total SBBA	Groundwater	Average		Recycled Water	r	Total Present
ture (last 5 years)	(5 years)		!	<del> </del>	<del> </del>		<b>├</b>		· ·	!	!					Demand		Surface Water				Period
						İ	Average SBBA		Recycled	Party Water Use		Safe Yield Last 5 Years	Safe Yield % of	SW <sub>Last 5 Years</sub>	GWSY Last 5 Years	Demand Previous Year	GWSY Last 5 Years	SW <sub>Last 5 Years</sub>	New Direct	New Recharge	Net New	
Agency	Abbreviation	2016	2017	2018	2019	2020	Use 2016-20	SWP (AF)	Water <sub>Previous Year</sub>	(AF)	% of Total	(AF)	Total	(AF)	(AF)	(2020)	(AF)	(AF)	Recycled (AF)	Recycled (AF)	Recycled <sub>Previous Year</sub>	Gap <sub>Last 5 Years</sub>
3				<b></b>	<b></b> '	<b></b>	(AF)	<u> </u>	(AF)										(AF)	(AF)	(AF)	
Bear Valley Mutual Water Company City of Colton	BVMWC	8,928	10,332	10,220	6,856	12,383	9,744	1,288		11,032	7.6%	13,123	5.47%	9,686	3,437	(12,383)	3,437	9,686	<b> </b>	<u> </u>		740
City of Colton  City of Loma Linda	Colton Loma Linda	3,044 4,208	3,842 5,070	3,695 5,158	2,943 4,725	2,624 5,182	3,230 4,869	100	-	3,230 4,969	2.2% 3.4%	3,842 5,911	1.60% 2.47%	-	3,842 5,911	(2,624) (5,182)	3,842 5,911	- -	ļ	-	- -	1,218 729
2 City of Redlands	Redlands	22,031	25,528	25,675	23,597	25,573	24,481	350	4,521	29,352	20.2%	34,916	14.56%	10,205	24,712	(34,511)	24,712	10,205	6,589		4,521	4,926
3 City of Rialto	Rialto	4,429	3,149	6,411	5,406	5,091	4,897	1,014	-	5,911	4.1%	7,032	2.93%	1,244	5,788	(5,617)	5,788	1,244	ļ			1,415
4 City of San Bernardino 5 East Valley Water District	SBMWD EVWD	23,588 13,014	29,154 20,103	39,523 19,989	37,206 17,143	39,822 20,828	33,859 18,216	6,736 2,518	-	40,595 20,733	28.0% 14.3%	48,291 24,664	20.14% 10.29%	- 5,771	48,291 18,893	(39,822) (18,372)	48,291 18,893	- 5,771	-	<u> </u>	- -	8,469 6,292
6 Fontana Union Water Company	FWC	2,650	4,112	5,147	6,045	6,424	4,876		-	4,876	3.4%	5,800	2.42%	3,587	2,213	(6,424)	2,213	3,587	-	<u> </u>	-	(624)
7 Loma Linda University	LLU	1,019	990	986	961	1,030	997	-	-	997	0.7%	1,186	0.49%	-	1,186	(1,030)	1,186				-	156
Mountain View Power Co.     Muscoy Mutual Water Company No. 1	SCE MMWC	2,013 1,534	1,889 1,652	863 1,649	1,251 1,571	1,674 1,739	1,538 1,629	-	-	1,538 1,629	1.1% 1.1%	1,830 1,938	0.76% 0.81%	-	1,830 1,938	(1,674) (1,739)	1,830 1,938		<del> </del>	-	<u>-</u> -	156 199
San Bernardino County - Facility Management		458	841	846	770	1,093	802		<b></b>	802	0.6%	954	0.40%		954	(1,093)	954	<u> </u>		1		(139)
1 San Bernardino Valley M.W.D.	SBVMWD	-	-	449	1 205	1	90		-	90	0.1%	107	0.04%		107	(1)	107	<u> </u>	<b></b>	<u> </u>	-	106
Terrace Water Company     West Valley Water District	Terrace WVWD	420	464	343	205	141	315		<u>i -                                   </u>	315		271	0.4600			(141)	374				-	233
4 Yucaipa Valley Water District	YVWD	6.749	9.226	11.006	12.216	13.875	10.615	1.122	-		0.2% 8.1%	374 13.961	0.16% 5.82%	3,534	374 10.428		10.428	3.534	-	· <del> </del> 1	-	(818)
	IVVU	6,749 162	9,226 110	11,006 178	12,216 92	13,875 133	10,615 135	1,122 -	-	11,736 135	8.1% 0.1%	374 13,961 161	0.16% 5.82% 0.07%	3,534 -	374 10,428 161	(14,779) (133)		3,534	-	-	-	(818) 28
5 Other Inside SBVWCD	Other	162 6,413	110 5,473	178 5,915	92 5,836	133 5,203	135 5,768	1,122 - 327		11,736 135 6,095	8.1% 0.1% 4.2%	13,961 161 7,250	5.82% 0.07% 3.02%	919	10,428 161 6,332	(14,779) (133) (5,235)	10,428 161 6,332	919		-	- - -	28 2,015
6 Other Outside SBVWCD		162 6,413 1,820	110 5,473 1,323	178 5,915 995	92 5,836 922	133 5,203 843	135 5,768 1,181	327 -	-	11,736 135 6,095 1,181	8.1% 0.1% 4.2% 0.8%	13,961 161 7,250 1,404	5.82% 0.07% 3.02% 0.59%	919 653	10,428 161 6,332 751	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653			- - - - A 521	28 2,015 561
6 Other Outside SBVWCD 7 San Bernardino Entities Total:	Other	162 6,413	110 5,473	178 5,915	92 5,836	133 5,203	135 5,768 1,181 127,238		4,521	11,736 135 6,095	8.1% 0.1% 4.2%	13,961 161 7,250 1,404 172,745	5.82% 0.07% 3.02% 0.59% <b>72.05%</b>	919	10,428 161 6,332	(14,779) (133) (5,235)	10,428 161 6,332	919	6,589		4,521	28 2,015
6 Other Outside SBVWCD 7 San Bernardino Entities Total: 9 Western Entities Total:	Other	162 6,413 1,820 102,480	110 5,473 1,323 123,258	178 5,915 995 139,048	92 5,836 922 127,747	133 5,203 843 143,659	135 5,768 1,181 127,238	327 -	-	11,736 135 6,095 1,181	8.1% 0.1% 4.2% 0.8%	13,961 161 7,250 1,404 172,745 66,998	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653			- - - 4,521	28 2,015 561
6 Other Outside SBVWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total:	Other	162 6,413 1,820	110 5,473 1,323	178 5,915 995	92 5,836 922	133 5,203 843 143,659	135 5,768 1,181 127,238	327 -	-	11,736 135 6,095 1,181	8.1% 0.1% 4.2% 0.8%	13,961 161 7,250 1,404 172,745	5.82% 0.07% 3.02% 0.59% <b>72.05%</b>	919 653	10,428 161 6,332 751	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		- - - - 4,521	28 2,015 561
Other Outside SBWCD  An Bernardino Entities Total:  Western Entities Total:  Total:  Total:	Other	162 6,413 1,820 102,480	110 5,473 1,323 123,258	178 5,915 995 139,048	92 5,836 922 127,747 - 127,747	133 5,203 843 143,659	135 5,768 1,181 127,238 66,998	- 327 - 13,454	-	11,736 135 6,095 1,181	8.1% 0.1% 4.2% 0.8%	13,961 161 7,250 1,404 172,745 66,998	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBVWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 2	Other	162 6,413 1,820 102,480	110 5,473 1,323 123,258	178 5,915 995 139,048	92 5,836 922 127,747 - 127,747 DRAFT B	133 5,203 843 143,659	135 5,768 1,181 127,238 66,998	327 - 13,454	4,521	11,736 135 6,095 1,181 145,214	8.1% 0.1% 4.2% 0.8% 100%	13,961 161 7,250 1,404 172,745 66,998 239,743	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total:	Other	162 6,413 1,820 102,480	110 5,473 1,323 123,258	178 5,915 995 139,048	92 5,836 922 127,747 - 127,747 DRAFT B	133 5,203 843 143,659	135 5,768 1,181 127,238 66,998	327 - 13,454	-	11,736 135 6,095 1,181 145,214	8.1% 0.1% 4.2% 0.8% 100%	13,961 161 7,250 1,404 172,745 66,998	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 2	Other Other Party Gap (AF)	162 6,413 1,820 102,480	110 5,473 1,323 123,258 - 123,258	178 5,915 995 139,048 - 139,048 Equitable Water Costs	92 5,836 922 127,747 - 127,747 DRAFT B	133 5,203 843 143,659 - 1 143,659	135 5,768 1,181 127,238 66,998 194,237	13,454  Calculation  E	4,521	11,736 135 6,095 1,181 145,214	8.1% 0.1% 4.2% 0.8% 100%	13,961 161 7,250 1,404 172,745 66,998 239,743	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		- - - - 4,521	28 2,015 561
6 Other Outside SBVWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 2	Other Other  Party Gap (AF) (Gap <sub>1959-63</sub> +	162 6,413 1,820 102,480	110 5,473 1,323 123,258	178 5,915 995 139,048	92 5,836 922 127,747 - 127,747 DRAFT B	133 5,203 843 143,659	135 5,768 1,181 127,238 66,998 194,237	13,454  Calculation  E	4,521	11,736 135 6,095 1,181 145,214	8.1% 0.1% 4.2% 0.8% 100%	13,961 161 7,250 1,404 172,745 66,998 239,743	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 2 Agency	Other Other  Party Gap (AF) (Gap1996a + Gap <sub>last</sub> s years)/2	162 6,413 1,820 102,480 - 102,480 Water Use (%)	110 5,473 1,323 123,258 - 123,258 E Sustainability (AF)	178 5,915 995 139,048 - 139,048  Total Water (AF)	92 5,836 922 127,747 127,747 DRAFT B	133 5,203 843 143,659 143,659	135 5,768 1,181 127,238 66,998 194,237 Y2022-23	327 13,454  Calculation  Er Proportion of Total Pumping	4,521  Equitable O&M Cost  Equitable O&M Costs	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 4.2% 0.8% 100%  Total  Estimated Total Party Costs (5)	13,961 161 7,250 1,404 172,745 66,998 239,743 2022-23) Voting Weight 2022-2023	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD  San Bernardino Entities Total:  Western Entities Total:  1 Total:  Agency  5 Bear Valley Mutual Water Company  7 City of Colton	Other Other Other  Party Gap (AF) (Gap <sub>195963</sub> + Gap <sub>1ast 5 Years</sub> )/2 0 0	162 6,413 1,820 102,480 - 102,480 Water Use	110 5,473 1,323 123,258 - 123,258 E Sustainability (AF)	178 5,915 995 139,048 - 139,048  Total Water Costs Total Water (AF)	92 5,836 922 127,747 127,747 DRAFT B  ts  Credit for Water (AF)  4,053	133 5,203 843 143,659 143,659	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$)	13,454  13,454  Calculation  Event Proportion of Total Pumping  0.13%	4,521  Equitable O&M Costs  Equitable O&M Costs  \$ 1,493 \$ 18,835	11,736 135 6,095 1,181 145,214 	8.1% 0.1% 4.2% 1.00% Total I	13,961 161 7,250 1,404 172,745 66,998 239,743 2022-23) Voting Weight	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
Other Outside SBVWCD San Bernardino Entities Total:  Western Entities Total:  Total:  Agency  Bear Valley, Mutual Water Company City of Colton City of Colton City of Loma Linda	Other Other Other  Party Gap (AF) (Gap <sub>195963</sub> + Gap <sub>1ast 5 Years</sub> //2 0 1,301	162 6,413 1,820 102,480 102,480 Water Use (%) 0.0% 2,4% 3,7%	110 5,473 1,323 123,258 123,258 123,258 E Sustainability (AF) 77 405 623	178 5,915 995 139,048 139,048 139,048 Total Water Costs Total Water (AF) 405 1,924	92 5,836 922 127,747 127,747 DRAFT B S Credit for Water (AF) 4,053	133 5,203 843 143,659 143,659 3UDGET - FY Total Water after Credit (AF)	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$\$ 47,928 \$\$ 227,749	13,454  13,454  Calculation  End Proportion of Total Pumping  0.13% 3 1.7% 3.3%	4,521  Equitable O&M Costs  S. 1,493 S. 18,835 S. 37,196 S. 37,196	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 1.0% 1.00% 1.00%  Total Estimated Total Party Costs (5) 5. 1.493 5. 66,763 5. 264,945	13,961 161 7,250 1,404 172,745 66,998 239,743  2022-23) Voting Weight 2022-2023 0.0% 2.1% 8.5%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
Other Outside SBVWCD San Bernardino Entities Total:  Western Entities Total:  Total:  Agency  Bear Valley Mutual Water Company City of Colton City of Loma Linda City of Loma Linda City of Loma Linda City of Loma Linda	Other Other Other  Party Gap (AF) (Gap <sub>1959-63</sub> + Gap <sub>1ast</sub> y <sub>eart</sub> /2 0 0 1,301 1,513	162 6,413 1,820 102,480 102,480 102,480 Water Use (%) 0.0% 2.4% 3.7% 21.9%	110 5,473 1,323 123,258 123,258 123,258 E Sustainability (AF) 7, 405 623 3,679	178 5,915 995 139,048 139,048  Equitable Water Costs Total Water (AF) 405 1,924 5,192	92 5,836 922 127,747 127,747 DRAFT B ts Credit for Water (AF) 4,053 4,521	133 5,203 843 143,659 143,659  Total Water after Credit (AF) 405 1,924 671	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ \$ \$47,928 \$ 227,749 \$ 79,496	13,454  13,454  Calculation  End Proportion of Total Pumping  0.13% 3.1.7% 2.3.3% 5.1.5.2%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 16,067	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 1.0% 1.00% 1.00%  Total Estimated Total Party Costs (\$) 5. 1,493 5. 66,763 5. 264,945 5. 248,563	13,961 161 17,250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.11% 8.55% 8.0%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
Other Outside SBWCD San Bernardino Entities Total:  Western Entities Total:  Total:  Agency  Bear Valley Mutual Water Company City of Colton City of Redlands City of Redlands City of Redlands City of Redlands City of Rellands	Other Other Other  Party Gap (AF) (Gap <sub>195963</sub> + Gap <sub>1ast 5 Years</sub> //2 0 1,301	162 6,413 1,820 102,480 102,480 Water Use (%) 0.0% 2,4% 3,7%	110 5,473 1,323 123,258 123,258 123,258 E Sustainability (AF) 77 405 623	178 5,915 995 139,048  - 139,048  Equitable Water Costs  Total Water (AF)  7 405 1,924 5,192 1,898	92 5,836 922 127,747 	133 5,203 843 143,659  143,659  Total Water after Credit (AF) 405 1,924 671 1,850	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ - \$ 47,928 \$ 227,749 \$ \$ 79,496 \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496 \$ \$ 79,496	2377	4,521  Equitable O&M Costs  S. 1,493 S. 18,835 S. 37,196 S. 37,196	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 1.0% 1.00% 1.00%  Total Estimated Total Party Costs (5) 5. 1.493 5. 66,763 5. 264,945	13,961 161 7,250 1,404 172,745 66,998 239,743  2022-23) Voting Weight 2022-2023 0.0% 2.1% 8.5%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
5 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 4 Agency 5 Bear Valley Mutual Water Company 7 City of Colton 8 City of Loma Linda 9 City of Redlands 1 City of Railto 1 City of San Bernardino 1 City of San Bernardino 1 East Valley Water District	Other Other Other Other  Party Gap (AF) (GaP)5996a + GaP)435 5 vests/2  0 1,301 1,513 1,157 5,979 0	162 6,413 1,820 102,480 102,480 102,480 Water Use (%) 0.0% 2,4% 21,7% 21,9% 4,4% 15,4%	110 5,473 1,323 123,258 123,258 123,258 E Sustainability (AF) 7 405 6,233 3,679 741 5,088 2,599	178 5,915 995 139,048 - 139,048  Total Water (AF)  7 405 1,924 5,192 1,898 11,096 2,599	92 5,836 922 127,747 127,747 DRAFT B S Credit for Water (AF) 4,053 	133 5,203 843 143,659 143,659  143,659  Total Water after Credit (AF) 405 1,924 671 1,830 11,056	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ 47,928 \$ 227,749 \$ 79,496 \$ 223,782 \$ 1,309,038 \$ 5 . 1,309,038	13,454  13,454  13,454  Calculation  End Proportion of Total Pumping  0.13% 3 1.7% 9 3.3% 5 15.2% 2.6% 9.8%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493  \$ 18,835  \$ 169,067  \$ 28,956  \$ 28,956  \$ 28,956  \$ 15,068,831	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 1.00% 100%  Total  Estimated Total Party Costs (\$) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1,594,875 \$ 108,881	13,961 161 161 17,7250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.1% 8.1% 3.5%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD  San Bernardino Entities Total:  9 Western Entities Total:  1 Total:  1 Total:  Agency  5 Bear Valley Mutual Water Company  7 City of Colton  8 City of Redlands  9 City of Redlands  1 City of San Bernardino  1 City of San Bernardino  2 East Valley Water District  3 Fontana Union Water Company	Other Other Other Other  Party Gap (AF) (Gap <sub>195963</sub> + Gap <sub>1ast</sub> y <sub>vests</sub> /2 0 0 1,301 1,513 1,157 5,979 0	162 6,413 1,820 102,480 102,480 102,480 Water Use (%) 0.0% 2.4% 3.7% 21.9% 4.4% 30.2% 15.4%	110 5,473 1,323 123,258	178 5,915 995 139,048  - 139,048  Equitable Water Costs  Total Water (AF)  - 405 1,924 5,192 1,898 11,067 2,599 651	92 5,836 922 127,747 	133 5,203 843 143,659 143,659  Total Water after Credit (AF) 405 1,924 671 1,1890 11,056	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (5) \$ - \$ 47,928 \$ 227,749 \$ 223,782 \$ 1,309,038 \$ 5 \$ 72,355 \$ 72,355	13,454  13,454  13,454  Calculation  E. Proportion of Total Pumping  0.13% 3 1.7% 3 3.3% 5 15.2% 2 2.6% 3 25.6% 9.8% 6 0.3%	4,521  Equitable O&M Costs  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,195 \$ 19,967 \$ 28,956 \$ 285,837 \$ 108,881 \$ 3,632	11,736 1135 6,095 1,181 145,214	8.1% 0.1% 0.1% 1.00% 100%  Total Estimated Total Party Costs (\$) \$ 1,493 \$ 66,763 \$ 226,4945 \$ 226,4945 \$ 1,948,863 \$ 108,881 \$ 108,881 \$ 108,881 \$ 75,987	13,961 161 7,250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023  0.0% 2.1% 8.5% 8.0% 8.1% 51.2% 2.4%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBVWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 4 Agency 5 Bear Valley Mutual Water Company 7 City of Colton 8 City of Lona Linda 9 City of Redlands 0 City of San Bernardino 1 City of San Bernardino 2 East Valley Water District	Other Other Other Other  Party Gap (AF) (GaP)5996a + GaP)435 5 vests/2  0 1,301 1,513 1,157 5,979 0	162 6,413 1,820 102,480 102,480 102,480 Water Use (%) 0.0% 2,4% 21,7% 21,9% 4,4% 15,4%	110 5,473 1,323 123,258 123,258 123,258 E Sustainability (AF) 7 405 6,233 3,679 741 5,088 2,599	178 5,915 995 139,048  - 139,048  Fquitable Water Costs  Total Water (AF)  7 405 1,924 5,192 1,898 11,067 2,599 611 125	92 5,836 922 127,747 I 127,747 DRAFT B IS Credit for Water (AF) 4,053 4,053 4,521 8 11 3,404	133 5,203 843 143,659 143,659  143,659  Total Water after Credit (AF) 405 1,924 671 1,830 11,056	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (5) \$ - 5 \$ 47,928 \$ 227,749 \$ 79,496 \$ 23,749 \$ 79,496 \$ 1,309,038 \$ - 72,355 \$ 1,4799	13,454  13,454  13,454  1	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493  \$ 18,835  \$ 169,067  \$ 28,956  \$ 28,956  \$ 28,956  \$ 15,068,831	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 1.00% 100%  Total  Estimated Total Party Costs (\$) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1,594,875 \$ 108,881	13,961 161 161 17,7250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.1% 8.1% 3.5%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD  7 San Bernardino Entities Total:  9 Western Entities Total:  1 Total:  1 Total:  Agency  5 Bear Valley Mutual Water Company  7 City of Colton  8 City of Redlands  9 City of Redlands  1 City of San Bernardino  2 East Valley Water District  3 Fontana Union Water Company  4 Loma Linda University  5 San Bernardino Valley M.W.D.  5 San Bernardino Valley M.W.D.  5 West Valley Water District	Other Other Other Other Other Other  Party Gap (AF) (GaP <sub>195963</sub> + GaP <sub>1265</sub> + GaP <sub>1265</sub> + Veurs/2 0 0 1,301 1,513 1,157 5,979 0 0 0 0 1,931	162 6,413 1,820 102,480 102,480 102,480 Water Use (%) 0.0% 2.4% 3.7% 4.4% 30.2% 15.4% 30.2% 15.4% 30.2% 15.4% 30.2% 15.4%	110 5,473 1,323 123,258  123,258  123,258  E Sustainability (AF) 7 405 623 3,679 741 5,088 2,599 611 125 111	178 5,915 995 139,048  - 139,048  Equitable Water Costs  Total Water (AF)  - 405 1,924 5,192 1,898 11,067 2,599 611 125 125 111 3,402	92 5,836 922 127,747 	133 5,203 843 143,659 143,659  Total Water after Credit (AF)	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ - \$ 47,928 \$ 227,749 \$ 223,782 \$ 1,309,038 \$ - \$ 72,355 \$ 14,799 \$ 1,399 \$ 1,499 \$	13,454  13,454  13,454  Calculation  E. IProportion of Total Pumping  0.13% 3 1.7% 3.3% 5.15.2% 2.2.6% 5.25.6% 9.8% 5.0.3% 9.8% 6.0.3% 9.0.0% 1.0.0%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 169,067 \$ 28,956 \$ 285,837 \$ 108,881 \$ 3,632 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,393	11,736 1135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total  Estimated Total Party Costs (s) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1,594,875 \$ 108,881 \$ 75,987 \$ 22,192 \$ 1,347 \$ 470,026	13,961 161 7,250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.1% 51.2% 3.5% 9.0,7% 0.0% 15.1%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 2 3 4 4 Agency 5 5 Bear Valley Mutual Water Company 7 City of Colton 8 City of Loma Linda 9 City of Redlands 10 City of Raito 1 City of San Bernardino 2 East Valley Water District 3 Fontana Union Water Company 4 Loma Linda University 5 San Bernardino Valley M.W.D. 6 West Valley Water District 7 Yucaipa Valley Water District 7 Wucaipa Valley Water District	Other Other Other Other Other  Party Gap (AF) (Gap <sub>1959-63</sub> + Gap <sub>1ast 5 Year</sub> )/2  0  1,301 1,513 1,157 5,979 0 0 0 0 1,931 53	162 6,413 102,480 102,480 102,480 102,480 Water Use (%) 0.0% 2.4% 3.7% 4.4% 30.2% 15.4% 0.1% 0.1%	110 5,473 1,323 123,258 	178 5,915 995 139,048  - 139,048  Equitable Water Costs  7 405 1,924 5,192 1,898 11,067 2,599 6611 125 111 3,402 70	92 5,836 922 127,747 127,747 DRAFT B  SS  Credit for Water (AF)  4,053    4,521  3,404  18	133 5,203 843 143,659  143,659  Total Water after Credit (AF) 405 1,924 6,73 11,056 611 1,3,384 70	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (5) \$ - \$ 47,928 \$ 227,749 \$ 227,749 \$ 23,782 \$ 1,309,038 \$ - \$ 1,309,038 \$ - \$ 1,340 \$ 1,400,637 \$ 4,406,637 \$ 8,243 \$ 8,243	13,454  13,454  13,454  Calculation  E  Proportion of Total Pumping  0.13%  1.7%  2.3.3%  1.7%  2.6.5%  9.8%  9.8%  9.8%  9.8%  9.8%  9.8%  9.0.3%  0.0%  0.0%  0.0%  0.0%	4,521  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 159,067 \$ 28,587 \$ 108,881 \$ 3,682 \$ 7,393 \$ 7,395 \$ 7,393 \$ 7,395 \$ 7,393 \$ 7,395	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total  Estimated Total Party Costs (5) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 1,594,875 \$ 128,881 \$ 75,987 \$ 22,192 \$ 1,347 \$ 22,192 \$ 1,347 \$ 9,198	13,961 161 17,7250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 8.5% 8.0% 8.0% 9.151.2% 3.5% 0.7% 0.0% 15.1% 0.3%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 1 Total: 2 Agency 5 Bear Valley Mutual Water Company 7 City of Colton 8 City of Loma Linda 9 City of Rediands 1 City of San Bernardino 1 City of San Bernardino 2 East Valley Water District 3 Fontana Union Water Company 4 Loma Linda University 5 San Bernardino Valley M.W.D. 6 West Valley Water District 7 Yucaipa Valley Water District 7 Total Purchased by GC Parl	Other Other Other Other Other  Party Gap (AF) (Gap <sub>1959-63</sub> + Gap <sub>1ast 5 Year</sub> )/2  0  1,301 1,513 1,157 5,979 0 0 0 0 1,931 53	162 6,413 1,820 102,480 102,480 102,480 Water Use (%) 0.0% 2.4% 3.7% 4.4% 30.2% 15.4% 30.2% 15.4% 30.2% 15.4% 30.2% 15.4%	110 5,473 1,323 123,258  123,258  123,258  E Sustainability (AF) 7 405 623 3,679 741 5,088 2,599 611 125 111	178 5,915 995 139,048  - 139,048  Equitable Water Costs  7 405 1,924 5,192 1,898 11,067 2,599 6611 125 111 3,402 70	92 5,836 922 127,747 127,747 DRAFT B  SS  Credit for Water (AF)  4,053   4,521  8,11  3,404   18	133 5,203 843 143,659  143,659  Total Water after Credit (AF) 405 1,924 6,73 11,056 611 1,3,384 70	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ - \$ 47,928 \$ 227,749 \$ 223,782 \$ 1,309,038 \$ - \$ 72,355 \$ 14,799 \$ 1,399 \$ 1,499 \$	13,454  13,454  13,454  Calculation  E  Proportion of Total Pumping  0.13%  1.7%  2.3.3%  1.7%  2.6.5%  9.8%  9.8%  9.8%  9.8%  9.8%  9.8%  9.0.3%  0.0%  0.0%  0.0%  0.0%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 169,067 \$ 28,956 \$ 285,837 \$ 108,881 \$ 3,632 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,393	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total  Estimated Total Party Costs (s) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1,594,875 \$ 108,881 \$ 75,987 \$ 22,192 \$ 1,347 \$ 470,026	13,961 161 7,250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.1% 51.2% 3.5% 9.0,7% 0.0% 15.1%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 1 Total: 4 Agency 5 Bear Valley Mutual Water Company 7 Citly of Colton 8 City of Loma Linda 9 City of Redlands 1 City of Railto 2 East Valley Water District 3 Onther Total Purchased by GC Parl 5 West Valley Water District 6 West Valley Water District 7 Yucaipa Valley Water District 8 Total Purchased by GC Parl	Other Other Other Other  Party Gap (AF) (Gap <sub>1959-63</sub> + Gap <sub>1ast 5 Years</sub> )/2  0  1,301 1,513 1,157 5,979 0 0 0 1,931 53 ies: 11,934	162 6,413 1,820 102,480  102,480  102,480  Water Use (%) 0.0% 2.4% 3.7% 21.9% 4.4% 30.2% 15.4% 3.6% 0.1% 8.7% 0.1% 91.4%	110 5,473 1,233 123,258  123,258  E Sustainability (AF) 7 405 623 3,679 741 5,088 2,599 611 125 11 1,471 15,377	178 5,915 995 139,048  - 139,048  Total Water (AF)  7 405 1,924 5,192 1,898 11,067 2,599 611 125 112 3,402 70 27,311	92 5,836 922 127,747 127,747 DRAFT B  SS  Credit for Water (AF)  4,053   4,521  8  11  3,404   18   12,015	133 5,203 843 143,659 143,659  Total Water after Credit (AF) 405 1,924 671 1,890 111,056 611 125 13,384 70 20,147	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$	13,454  13,454  13,454  Calculation  End Proportion of Total Pumping  0.13% 1.7% 2.5% 2.5% 2.5% 9.8% 0.3% 5.25.6% 9.8% 0.3% 0.7% 0.0% 6.2% 0.0% 6.28 0.1% 6.63%	4,521  Equitable O&M Costs  S 1,493 S 18,835 S 37,196 S 199,067 S 28,956 S 28,556 S 285,837 S 108,881 S 3,632 S 7,393	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total I  Estimated Total Party Costs (\$) \$ 1.493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1.994,875 \$ 1.994,875 \$ 1.98,881 \$ 75,987 \$ 22,192 \$ 1,347 \$ 470,026 \$ 9,1988 \$ 3,117,008	13,961 161 17,7250 1,404 172,745 66,998 239,743  Voting Weight 2022-203 0.0% 2.11% 8.5% 8.0% 8.11% 51.2% 3.5% 2.4% 0.0% 15.11% 0.3% 100%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 1 Total: 2 Agency 5 Bear Valley Mutual Water Company 7 City of Colton 8 City of Loma Linda 9 City of Redlands 10 City of Realtands 10 City of San Bernardino 2 East Valley Water District 3 Fontana Union Water Company 4 Loma Linda University 5 San Bernardino Valley M.W.D. 6 West Valley Water District 7 Vucaipa Valley Water District 8 Total Purchased by GC Part 10 Mountain View Power Co. 1 Mountain View Power Co. 1 Muscoy Mutual Water Company No. 1	Other Other Other Other Other  Party Gap (AF) (GaP <sub>195963</sub> + GaP <sub>1285</sub> x <sub>vests</sub> )/2 0 1,301 1,513 1,157 5,979 0 0 0 1,931 153 11,931 153 11,934	162 6,413 1,820 102,480  102,480  102,480  Water Use (%) 0.0% 2,4% 3,7% 21,9% 4,4% 30,2% 15,4% 3,6% 0,7% 0,1% 8,7% 0,1% 91,4%	110 5,473 1,323 123,258  123,258  123,258  E Sustainability (AF)  7 405 623 3,679 741 5,088 2,599 611 1,471 17 15,377 115,377	178 5,915 995 139,048  139,048  Equitable Water Costs  Total Water (AF)  405 1,924 5,192 1,898 11,067 2,599 611 125 11 3,402 70 27,311	92 5,836 922 127,747 127,747 DRAFT B IS Credit for Water (AF) 4,053 4,521 8 111 3,404 18 	133 5,203 843 143,659 143,659  143,659  Total Water after Credit (AF) 405 1,924 671 1,890 11,056 611 125 111 3,384 70 20,147	135 5,768 1,181 127,238 66,998 194,237 Y2022-23  Estimated Total Water Cost (\$) \$ - \$ \$ 47,928 \$ 227,749 \$ 79,496 \$ 223,782 \$ 1,309,038 \$ 72,355 \$ 14,799 \$ 72,355 \$ 14,799 \$ 72,355 \$ 14,360 \$ 23,882,688 \$ 2,388,368 \$ 2,388,368 \$ 2,388,368 \$ 5,24375	13,454  13,454  13,454  13,454  13,454  14  Proportion of Total Pumping  0.13% 3.1,7% 2.1,2% 2.2,6% 4.1,2% 2.5,6% 9.8% 5.0,3% 6.0,3% 6.0,3% 7.6,2% 8.0,0% 7.6,2% 8.0,1% 8.0,1% 8.0,1% 8.0,1% 8.6,63%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,933 \$ 109,067 \$ 28,956 \$ 28,956 \$ 109,067 \$ 28,956 \$ 7,393 \$ 108,881 \$ 3,632 \$ 7,393 \$ 5 7,393 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,393	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 4.2% 0.8% 100%  Total  Estimated Total Party Costs (\$) \$ 1,493 \$ 66,763 \$ 264,945 \$ 252,738 \$ 1594,855 \$ 108,881 \$ 75,987 \$ 22,192 \$ 1,347 \$ 470,026 \$ 9,198 \$ 3,117,008 \$ 3,117,008	13,961 161 161 17,7250 1,404 172,745 66,998 239,743  Voting Weight 2022-2023 0.0% 2.1% 8.1% 8.1% 8.1% 9.12% 3.5% 2.4% 0.7% 0.0% 15.1% 0.3% 100% #N/A	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 1 Total: 4 Agency 5 Bear Valley Mutual Water Company 7 Citly of Colton 8 City of Loma Linda 9 City of Redlands 1 City of Railto 2 East Valley Water District 3 Onther Total Purchased by GC Parl 5 West Valley Water District 6 West Valley Water District 7 Yucaipa Valley Water District 8 Total Purchased by GC Parl	Other Other Other Other Other  Party Gap (AF) (GaP <sub>195963</sub> + GaP <sub>1285</sub> x <sub>vests</sub> )/2 0 1,301 1,513 1,157 5,979 0 0 0 1,931 153 11,931 153 11,934	162 6,413 1,820 102,480  102,480  102,480  Water Use (%) 0.0% 2.4% 3.7% 21.9% 4.4% 30.2% 15.4% 3.6% 0.1% 8.7% 0.1% 91.4%	110 5,473 1,233 123,258  123,258  E Sustainability (AF) 7 405 623 3,679 741 5,088 2,599 611 125 11 1,471 15,377	178 5,915 995 139,048  - 139,048  Total Water (AF)  7, 405 1,924 5,192 1,898 11,067 2,599 6511 125 125 125 125 127 127 127 127 128 128 129 129 129 129 129 129 129 129 129 129	92 5,836 922 127,747 	133 5,203 843 143,659  143,659  Total Water after Credit (AF) 405 1,924 671 1,890 11,056 125 11 3,384 70 20,147 433 204	135 5,768 1,181 127,238 66,998 194,237 Y2022-23  Estimated Total Water Cost (\$) \$ - \$ \$ 47,928 \$ 227,749 \$ 79,496 \$ 223,782 \$ 1,309,038 \$ 72,355 \$ 14,799 \$ 72,355 \$ 14,799 \$ 72,355 \$ 14,360 \$ 23,882,688 \$ 2,388,368 \$ 2,388,368 \$ 2,388,368 \$ 5,24375	13,454  13,454  13,454  13,454  14  Proportion of Total Pumping  0.13% 3 1.7% 9 3.3% 5 15.2% 2 2.6% 8 25.6% 9.8% 5 0.3% 9.8% 5 0.3% 9.0.7% 6.2% 8 0.1% 6.2% 8 0.1% 6.5.3% 65.63% 6 1.1% 6 1.1% 6 0.7%	4,521  Equitable O&M Costs  S 1,493 S 18,835 S 37,196 S 199,067 S 28,956 S 28,556 S 285,837 S 108,881 S 3,632 S 7,393	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total I  Estimated Total Party Costs (\$) \$ 1.493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1.994,875 \$ 108,881 \$ 75,987 \$ 22,192 \$ 1,347 \$ 470,026 \$ 9,198 \$ 3,117,008	13,961 161 17,7250 1,404 172,745 66,998 239,743  Voting Weight 2022-203 0.0% 2.11% 8.5% 8.0% 8.11% 51.2% 3.5% 2.4% 0.0% 15.11% 0.3% 100%	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD 7 San Bernardino Entities Total: 9 Western Entities Total: 1 Total: 1 Total: 1 Total: 1 Agency 5 Bear Valley Mutual Water Company 7 City of Colton 8 City of Lome Linda 9 City of Redlands 1 City of Redlands 1 City of Redlands 1 City of San Bernardino 2 East Valley Water District 3 Fontana Union Water Company 4 Loma Linda University 5 San Bernardino Valley M.W.D. 6 West Valley Water District 7 Yucaipa Valley Water District 8 Total Purchased by GC Part 1 Mountain View Power Co. 1 Mountain View Power Co. 1 Muscoy Mutual Water Company No. 1 2 San Bernardino County - Facility Managemer 3 Terrace Water Company No. 1 2 San Bernardino County - Facility Managemer 3 Terrace Water Company No. 1	Other   Other   Other	162 6,413 1,820 102,480  102,480  102,480  102,480  0.0% 2,4% 3,7% 21,9% 4,4% 0,1% 8,7% 0,1% 8,7% 0,1% 91,4% 1,1% 1,2% 0,6% 0,6% 0,6% 0,6% 0,6% 0,6% 0,6%	110 5,473 1,323 123,258  123,258  123,258  E Sustainability (AF)  7 405 623 3,679 741 5,088 2,599 611 1,471 17 15,377 115,377 193 204 100 399 764	178 5,915 995 139,048  139,048  Equitable Water Costs  Total Water (AF)  405 1,924 5,192 1,898 11,067 2,599 611 121 3,402 70 27,311 433 204 100 399 764	92 5,836 922 127,747 127,747 DRAFT B SS Credit for Water (AF) 4,053 	133 5,203 843 143,659 143,659  143,659  Total Water after Credit (AF)	135 5,768 1,181 127,238 66,998 194,237  Y2022-23  Estimated Total Water Cost (\$) \$ 5,47,928 5,227,749 5,79,496 5,223,782 5,1,309,38 5,72,355 5,14,799 5,1,340 5,40,637 5,1,340 5,40,637 5,8,243 5,23,885,368 5,23,885,368 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5,1,340 5,40,637 5	13,454  13,454  13,454  13,454  13,454  14  15  17  18  19  19  1,13%  1,7%  1,13%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 169,067 \$ 28,956 \$ 3,632 \$ 7,393 \$ 7,396 \$ 7,393 \$ 7,394 \$ 108,881 \$ 3,632 \$ 7,393 \$ 7,394 \$ 108,881 \$ 3,632 \$ 7,393 \$ 7,394 \$ 108,881 \$ 108,881 \$ 3,632 \$ 7,333 \$ 108,881 \$ 3,632 \$ 7,333 \$ 108,881 \$ 3,632 \$ 7,333 \$ 108,881 \$ 108,8	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total  Estimated Total Party Costs (\$) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1,594,875 \$ 108,881 \$ 75,987 \$ 1,347 \$ 470,026 \$ 9,198 \$ 3117,008 \$ 5,117,008 \$ 5,118,600 \$ 1,1866 \$ 9,198 \$ 3117,008	13,961 161 161 17,7250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.1% 9.1% 15.1% 0.3% 100% #N/A #N/A #N/A #N/A #N/A	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
6 Other Outside SBWWCD  7 San Bernardino Entities Total:  9 Western Entities Total:  1 Total:  1 Total:  1 Total:  Agency  5 Bear Valley Mutual Water Company  7 City of Colton  8 City of Colton  9 City of Redlands  1 City of San Bernardino  1 City of San Bernardino  2 East Valley Water District  3 Fontana Union Water Company  4 Loma Linda University  5 San Bernardino Valley M.W.D.  6 West Valley Water District  7 Yucaipa Valley Water District  7 Yucaipa Valley Water District  8 Total Purchased by GC Part  9 Mountain View Power Co.  1 Muscoy Mutual Water Company No. 1  2 San Bernardino County - Facility Management  3 Terrace Water Company  4 Other Inside SBWCD  5 Other Outside SBWCD	Other Other Other Other Other  Party Gap (AF) (Gap <sub>195963</sub> + Gap <sub>1ast 5 Years</sub> )/2 0 0 1,301 1,151 1,157 5,979 0 0 0 1,931 153 11,934 1931 1934 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10	162 6,413 1,820 102,480  102,480  102,480  102,480  0.0% 2,4% 3,7% 21,9% 4,4% 30,2% 15,4% 3,6% 0,7% 0,1% 91,4% 1,12% 0,6% 0,2% 0,2% 0,5%	110 5,473 1,323 123,258  123,258  123,258  E Sustainability (AF) 7 405 623 3,679 741 5,088 2,599 611 1,471 17 15,377 193 204 100 39 764 148	178 5,915 995 139,048  - 139,048  Equitable Water Costs  Total Water (AF)  7, 405 1,924 5,192 1,898 11,067 2,599 6511 125 111 3,402 70 27,311 433 204 100 39 764 148	92 5,836 922 127,747 127,747 DRAFT B ISS Credit for Water (AF) 4,053 4,521 8 11 3,404  18  11 12,015	133 5,203 843 143,659 143,659  143,659  Total Water after Credit (AF)	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ - 27,749 \$ 139,038 \$ - 1,390 \$ 14,090 \$ 14,0637 \$ 8,243 \$ 2,385,368 \$ 2,385,368 \$ 2,41,75 \$ 11,836 \$ 46,69 \$ 46,69 \$ 46,69 \$ 46,69 \$ 8,243 \$ 11,836 \$ 4,669 \$ 8,243 \$ 11,836 \$ 4,669 \$ 8,243 \$ 11,836 \$ 4,669 \$ 8,243 \$ 11,836	13,454  13,454  13,454  13,454  14  Proportion of Total Pumping  0.13% 3 1.7% 2 3.3% 5 15.2% 2 2.6% 8 25.6% 9.8% 5 0.3% 9.0.7% 9.0.0% 6.2% 8 0.1% 65.63% 65.63% 6 1.1% 6 0.7% 9 0.1% 9 0.1%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 169,067 \$ 28,956 \$ 285,837 \$ 108,881 \$ 3,739 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,31,640  #N/A #N/A #N/A #N/A #N/A #N/A	11,736 115 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100%  Total  Estimated Total Party Costs (\$) \$ \$ .66,763 \$ .264,945 \$ .248,563 \$ .254,783 \$ .1594,875 \$ .108,881 \$ .75,987 \$ .22,192 \$ .1,347 \$ .470,026 \$ .9,198 \$ .3,117,008 \$ .51,246 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .24,175 \$ .11,886 \$ .4669 \$ .88,273 \$ .17,520	13,961 161 7,250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.0% 8.1% 9.1% 9.1% 15.1% 0.3% 100% #N/A #N/A #N/A #N/A #N/A	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561
Other Outside SBVWCD San Bernardino Entities Total:  Western Entities Total:  Total:  Agency  Bear Valley Mutual Water Company City of Colton City of Loma Linda City of Redlands City of Raito Lity of San Bernardino East Valley Water District Fontana Union Water Company Loma Linda University San Bernardino Valley M.W.D. West Valley Water District Total Purchased by GC Part Mountain View Power Co. Muscoy Mutual Water Company No. 1 San Bernardino County - Facility Managemer Terrace Water Company Other Inside SBVWCD	Other Other Other Other Other  Party Gap (AF) (Gap <sub>195963</sub> + Gap <sub>1ast 5 Years</sub> )/2 0 0 1,301 1,151 1,157 5,979 0 0 0 1,931 153 11,934 1931 1934 10 0 10 0 10 0 10 0 10 0 10 0 10 0 10	162 6,413 1,820 102,480  102,480  102,480  102,480  0.0% 2,4% 3,7% 21,9% 4,4% 0,1% 8,7% 0,1% 8,7% 0,1% 91,4% 1,1% 1,2% 0,6% 0,6% 0,6% 0,6% 0,6% 0,6% 0,6%	110 5,473 1,323 123,258  123,258  123,258  E Sustainability (AF)  7 405 623 3,679 741 5,088 2,599 611 1,471 17 15,377 115,377 193 204 100 399 764	178 5,915 995 139,048  - 139,048  Equitable Water Costs  Total Water (AF)  7, 405 1,924 5,192 1,898 11,067 2,599 6511 125 111 3,402 70 27,311 433 204 100 39 764 148	92 5,836 922 127,747 127,747 DRAFT B ISS Credit for Water (AF) 4,053 4,521 8 11 3,404  18  11 12,015	133 5,203 843 143,659 143,659 143,659  Total Water after Credit (AF) 405 1,924 671 1,890 11,056 1,056 1,125 20,147 3,384 70 20,147 433 204 100 39 7466 1188	135 5,768 1,181 127,238 66,998 194,237 Y2022-23 Estimated Total Water Cost (\$) \$ - 27,749 \$ 139,038 \$ - 1,390 \$ 14,090 \$ 14,0637 \$ 8,243 \$ 2,385,368 \$ 2,385,368 \$ 2,41,75 \$ 11,836 \$ 46,69 \$ 46,69 \$ 46,69 \$ 46,69 \$ 8,243 \$ 11,836 \$ 4,669 \$ 8,243 \$ 11,836 \$ 4,669 \$ 8,243 \$ 11,836 \$ 4,669 \$ 8,243 \$ 11,836	13,454  13,454  13,454  13,454  14  Proportion of Total Pumping  0.13% 3 1.7% 2 3.3% 5 15.2% 2 2.6% 8 25.6% 9.8% 5 0.3% 9.0.7% 9.0.0% 6.2% 8 0.1% 65.63% 65.63% 6 1.1% 6 0.7% 9 0.1% 9 0.1%	4,521  Equitable O&M Cost  Equitable O&M Costs  \$ 1,493 \$ 18,835 \$ 37,196 \$ 169,067 \$ 28,956 \$ 285,837 \$ 108,881 \$ 3,739 \$ 7,393 \$ 7,393 \$ 7,393 \$ 7,31,640  #N/A #N/A #N/A #N/A #N/A #N/A	11,736 135 6,095 1,181 145,214	8.1% 0.1% 0.1% 100% 100%  Total  Estimated Total Party Costs (\$) \$ 1,493 \$ 66,763 \$ 264,945 \$ 248,563 \$ 252,738 \$ 1,594,875 \$ 108,881 \$ 75,987 \$ 1,347 \$ 470,026 \$ 9,198 \$ 3117,008 \$ 5,117,008 \$ 5,118,600 \$ 1,1866 \$ 9,198 \$ 3117,008	13,961 161 161 17,7250 1,404 172,745 66,998 239,743  2022-23)  Voting Weight 2022-2023 0.0% 2.1% 8.5% 8.0% 8.1% 9.1% 15.1% 0.3% 100% #N/A #N/A #N/A #N/A #N/A	5.82% 0.07% 3.02% 0.59% 72.05%	919 653 <b>35,598</b>	10,428 161 6,332 751 137,147	(14,779) (133) (5,235) (843)	10,428 161 6,332 751	919 653	6,589		4,521	28 2,015 561

 27.95%
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29,000 12,034



9

Corrections for Previous Ye	ears	5
Agency	Wa D	VWD Lytle Creek atermaster Pata Error FY21-22
Bear Valley Mutual Water Company	\$	-
City of Colton	\$	2,805
City of Loma Linda	\$	3,358
City of Redlands	\$	22,439
City of Rialto	\$	4,154
City of San Bernardino	\$	28,048
East Valley Water District	\$	-
Fontana Union Water Company	\$	3,397
Loma Linda University	\$	801
San Bernardino Valley M.W.D.	\$	-
West Valley Water District	\$	(90,646)
Yucaipa Valley Water District	\$	76
Total GC Parties:	\$	(25,569)
Mountain View Power Co.	\$	1,344
Muscoy Mutual Water Company No. 1	\$	1,251
San Bernardino County - Facility Management	\$	557
Terrace Water Company	\$	298
Other Inside SBVWCD	\$	5,105
Other Outside SBVWCD	\$	952
San Bernardino Non-Parties Total:	\$	9,507
Western Entities Total:	\$	-
Total:	\$	(16,062)

# Notes

1- Data for WVWD's Lytle Creek diversion was over reported in the 2020 Watermaster report

11/30/2021

Credit for Water Brought	to the Basir	ı
Agency	New Recycled Water (AF)	Surface Water for Recharge (AF)
Bear Valley Mutual Water Company	-	4,053
City of Colton	-	-
City of Loma Linda	-	-
City of Redlands	4,521	-
City of Rialto	-	8
City of San Bernardino	-	11
East Valley Water District	-	3,404
Fontana Union Water Company	-	-
Loma Linda University	-	-
San Bernardino Valley M.W.D.	-	-
West Valley Water District	-	18
Yucaipa Valley Water District	-	-
Total GC Parties:	4,521	7,494
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:	4,521	7,494

### **Recycled Water**

<u>Redlands</u> - 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.

### **Surface Water for Recharge**

<u>BVMWC</u>- Recharge of Santa Ana River water at Lower Mill Creek, Mentone Reservoir, and airport ponds (Watermaster Volume 1, Table 6, Line 14). Recharge of Mill Creek water at Guns pond, highline and sand canyon (Watermaster Volume 1, Table 6, Line 17)

Rialto - Water delivered for spreading from Lytle Creek per calculations performed by WVWD

San Bernardino - Water delivered for spreading from Lytle Creek per calculations performed by WVWD

<u>EVWD</u>- Water within EVWD Northfork rights that is diverted by Northfork and then sent for spreading either at the ConservationDistrict facility or in Plunge Creek. Data from the Exchange Plan Daily Flow Report

WVWD - Water delivered for spreading from Lytle Creek per calculations performed by WVWD

11/30/2021

A	B C D E F (	6 H I J K L	M N O P Q R	S T U V W X	Y Z AA AB AC AD AE
1	Verified Total Extr		Pumping Adjustments	Other Distribution Verified Extractions	Credits for Water to the Basin
2	and Nonfiled) in the SBBA by Non-Plaintiffs for use in SB County (	ource: 2020 Watermaster Report Volume 1 Table 3 BVMWC Volume 1 Table 1, Volume 1A Table 1, BBWM Report)	Source: Performed by SBVMWD	Source: 2020 Watermaster Report Volume 1 Change in Ownership from Base Period	Recycled Water (Data provided by agencies)  Recycled Water (Base period green agencies)  Recycled Water (Data Statementer Volume 1 Table 5 (Data Watermenter
3 Agency		16 2017 2018 2019 2020	2016 2017 2018 2019 2020	1959 1960 1961 1962 1963 AVG	2020 1959-63 2020 2020
4 Bear Valley Mutual Water Company 5 City of Colton		,341 16,396 11,550 14,414 18,526 ,044 3,842 3,695 2,943 2,624		1,012 974 882 574 	4,053 4,053 
6 City of Loma Linda 7 City of Redlands		,708 5,070 5,158 4,725 5,182 ,319 24,216 21,710 25,739 28,424	448 1 1	1,827 1,840 1,991 1,729 1,290 1,735 7,202 6,245 8,554 7,022 6,439 7,092	- 235 6,589 2,068 - 4,521
8 City of Rialto		,291 3,885 4,413 3,560 3,897	1,727 1,692 1,998 2,372 1,720	959 827 875 1,033 470 833	8 8
9 City of San Bernardino 10 East Valley Water District		,519 38,478 40,158 37,875 40,504 ,791 15,214 14,545 12,276 15,169	(216) (139) (635) (669) (682)	4,111         3,704         3,633         3,070         2,821         3,468           7,003         7,044         8,519         8,352         7,621         7,562	<u>11</u> <u>11</u> <u>3,404</u> <u>3,404</u>
11 Fontana Union Water Company	19,841 15,649 13,295 14,674 12,086 2	,650 4,112 5,147 6,045 6,424		7,005 7,017 0,515 0,515 7,012 7,012	3,000
12 Loma Linda University 13 Mountain View Power Co.		,019 990 986 961 1,030 ,013 1,889 863 1,251 1,674			
14 Muscoy Mutual Water Company No. 1	1,943 1,870 2,028 1,863 1,684 1	,534 1,652 1,649 1,571 1,739			
15 San Bernardino County - Facility Management 16 San Bernardino Valley M.W.D.		458 841 846 770 1,093 ,643 4,921 6,421 6,321 6,100	(5,643) (4,921) (5,972) (6,320) (6,099)	1,045 733 823 871 655 825 	
17 Terrace Water Company	1,318 921 1,077 1,012 899	420 464 343 205 141			10 10
18 West Valley Water District 19 Yucaipa Valley Water District		,862 7,108 6,966 9,361 10,066 162 110 178 92 133	4,132 3,368 4,040 4,065 4,713 		18 18 
20 Other Inside SBVWCD 21 Other Outside SBVWCD		,413 5,473 5,915 5,836 5,203 ,820 1,323 995 922 843		(18,509) (17,282) (22,440) (19,856) (17,735) (19,164) (3,638) (3,111) (2,967) (3,195) (2,443) (2,925)	
Santa Ana River Recharge Balance (difference		,405 17,472 3,422 492 2,561		(3,333) (3,117) (2,337) (2,113)	
23 San Bernardino Entities Total:	190,243 174,107 181,037 175,103 157,729 117	,412 153,456 134,960 135,359 151,333	- (121) (550) (347)	(0)	6,589 2,303 7,494 12,015
25 City of Riverside		,341 21,829 18,995 15,752 21,730	·	<u> </u>	·
26 City of Riverside - Gage Canal 27 Meeks & Daley Water Compnay		,291 28,627 30,893 26,775 27,780 ,220 7,218 7,217 7,444 6,537			
28 Regents of University of California	558 546 658 564 425	554 554 554 554			
29 Riverside Highland Water Co. 30 Western Entities Total:		,040 1,903 2,072 2,326 2,947 ,446 60,131 59,731 52,851 59,548			
32 Total:	260,616 238,974 251,981 240,205 218,712 174				
33					
34 35	SWP Spreading Delivery  Source: SBVMWD SWP Orders and Accounting	SWP Direct Delivery  Source: SBVMWD SWP Orders and Accounting	TOTAL SWP Water  Source: SBVMWD SWP Orders and Accounting	-	
36 Agency	2016 2017 2018 2019 2020	2016 2017 2018 2019 2020	2016 2017 2018 2019 2020		
37 Bear Valley Mutual Water Company 38 City of Colton		5,209 466 144 101 518 	5,209 466 144 101 518	8	
39 City of Loma Linda 40 City of Redlands	500 550	781 130 200	500 1,331 129 290	0	
41 City of Rialto	1,590 2,428 - 526 526	781 129 290 	1,590 2,428 - 526 520		
42 City of San Bernardino 43 East Valley Water District	12,715 9,185	5,966 5,816 927 297 522 2,219 852	18,681 15,001 6,995 2,001 522 2,219 85		
44 Fontana Union Water Company	5,505 1,704	527 257 322 2,213 332	5,555 2,001 522 2,215 53.		
45 Loma Linda University 46 Mountain View Power Co.					
47 Muscoy Mutual Water Company No. 1					
48 San Bernardino County - Facility Management 49 San Bernardino Valley M.W.D.					
50 Terrace Water Company 51 West Valley Water District			2,245 1,250 - 1,210 904	4	
52 Yucaipa Valley Water District					
53 Other Inside SBVWCD 54 Other Outside SBVWCD		- 941 632 29 32 	- 941 632 29 33 	.2	
55 San Bernardino Entities Total:	23,667 14,567 - 1,736 1,430	12,883 7,649 1,298 2,349 1,692		2	
56 57					
58 59	Lytle Creek Source: See surface water tab fo	r individual sources	Mill Creek Source: See surface water tab fo		
60 Agency	1959 1960 1961 1962 1963 20	16 2017 2018 2019 2020	1959 1960 1961 1962 1963 2016		
61 Bear Valley Mutual Water Company 62 City of Colton		<u>-                                    </u>			
63 City of Loma Linda 64 City of Redlands			7.047 6.913 3.615 8.973 4.451 2.300	 IO 6635 2.762 5.210 4.274	
65 City of Rialto		996 1,241 1,002 1,396 1,583	7,047 6,913 3,615 8,973 4,451 2,300	0 6,635 2,762 5,319 4,871	
66 City of San Bernardino 67 East Valley Water District	1,069 994 1,286 1,403 1,279				
68 Fontana Union Water Company	8,484 5,833 4,358 8,526 6,239 3	,447 3,419 1,543 3,609 5,918			
69 Loma Linda University  70 Mountain View Power Co.					
71 Muscoy Mutual Water Company No. 1 72 San Bernardino County - Facility Management					
73 San Bernardino Valley M.W.D.					
74 Terrace Water Company 75 West Valley Water District					
76 Yucaipa Valley Water District					
77 Other Inside SBVWCD 78 Other Outside SBVWCD			77!		
79 San Bernardino Entities Total: 80	14,436 10,219 8,693 14,909 12,239 6	,694 7,697 5,849 11,524 13,324	7,047 6,913 3,615 8,973 4,451 3,075	5 8,417 3,114 6,650 5,225	
81 82	Santa A comp		·	Boar Vallou Santa Ana Biyar	Base Period Santa Ana River Diversion
83	Santa Ana Riv Source: See surface water tab fo		Source	Bear Valley Santa Ana River rce: See surface water tab for individual sources	Source: Watermaster and BVMWC
84 Agency 85 Bear Valley Mutual Water Company		16         2017         2018         2019         2020           ,912         10,320         10,181         6,841         12,175	2016 Total Bear Valley Santa Ana River 8,91	5 <b>2017 2018 2019 2020</b> 12 10,320 10,181 6,841 12,175 North F	1959 1960 1961 1962 1963 ork Water 7,081 6,446 4,761 6,381 5,047
86 City of Colton			Total beat valley Salita And River 8,91	12 10,320 10,181 6,841 12,175 North F	······································
87 City of Loma Linda 88 City of Redlands			Source: SBVMWD In-Li All In Lieu Water 8,50	ieu Calcualtion Table Bear Va	
89 City of Rialto	001 077 371 837 734 7				
			Source: Watermaste.  Bear Valley Wells 10		ley Alder 266 170 196 180 106 ley Wells 4709 4609 7791 5156 4690
90 City of San Bernardino		, ,	Deal valley wells 10	Deal va	4975 4779 7987 5336 4796
91 East Valley Water District 92 Fontana Union Water Company					4373 4773 7307 3330 4730
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University			Source: EVWD  EVWD Surface Actual Deliveries 4.37		
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University 94 Mountain View Power Co. 95 Muscoy Mutual Water Company No. 1			Source: EVWD EVWD Surface Actual Deliveries 4,372	2 3,439 4,149 4,035 3,203 Redland	
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University 94 Mountain View Power Co. 95 Muscoy Mutual Water Company No. 1 96 San Bernardino County - Facility Management	0 9 42 122 113 6			2 3,439 4,149 4,035 3,203 Redlands Cooley Hat Data	
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University 94 Mountain View Power Co. 95 Muscoy Mutual Water Company No. 1 96 San Bernardino County - Facility Management 97 San Bernardino Valley M.W.D. 98 Terrace Water Company	0 9 42 122 113 6		EVWD Surface Actual Deliveries 4,372	2   3,439   4,149   4,035   3,203	
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University 94 Mountain View Power Co. 95 Muscoy Mutual Water Company No. 1 96 San Bernardino County - Facility Management 97 San Bernardino Valley M.W.D. 98 Terrace Water Company 99 West Valley Water District	0 9 42 122 113 6	· · · · · · · · · · · · · · · · · · ·	EVWD Surface Actual Deliveries 4,372	2   3,439   4,149   4,035   3,203	
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University 94 Mountain View Power Co. 95 Muscoy Mutual Water Company No. 1 96 San Bernardino County - Facility Management 97 San Bernardino Valley M.W.D. 98 Terrace Water Company 99 West Valley Water District 100 Yucajav Valley Water District 100 Yucajav Valley Water District	0 9 42 122 113 6		EVWD Surface Actual Deliveries 4,372	2   3,439   4,149   4,035   3,203	
91 East Valley Water District 92 Fontana Union Water Company 93 Loma Linda University 94 Mountain View Power Co. 95 Muscoy Mutual Water Company No. 1 96 San Bernardino County - Facility Management 97 San Bernardino Valley M.W.D. 98 Terrace Water Company 99 West Valley Water District 100 Yucaipa Valley Water District	0 9 42 122 113 6		EVWD Surface Actual Deliveries 4,372	2   3,439   4,149   4,035   3,203	

SBB GC Water Charge	FY2022-23	
	FY22-23	FY22-23
GC Parties	Water Cost	Water Cost
	(\$)	(AF)
Bear Valley Mutual Water Company	\$ -	0
City of Colton	\$ 50,733	428
City of Loma Linda	\$ 231,107	1952
City of Redlands	\$ 101,935	861
City of Rialto	\$ 227,936	1925
City of San Bernardino	\$ 1,337,086	11293
East Valley Water District	\$ -	0
Fontana Union Water Company	\$ 75,752	640
Loma Linda University	\$ 15,600	132
San Bernardino Valley M.W.D.	\$ 1,340	11
West Valley Water District	\$ 309,992	2618
Yucaipa Valley Water District	\$ 8,319	70
Total GC Parties:	\$2,359,799	19931

SBB GC O&M Charge FY202	2-2	3
GC Parties	_	Y22-23 &M Cost (AF)
Bear Valley Mutual Water Company	\$	1,493
City of Colton	\$	18,835
City of Loma Linda	\$	37,196
City of Redlands	\$	169,067
City of Rialto	\$	28,956
City of San Bernardino	\$	285,837
East Valley Water District	\$	108,881
Fontana Union Water Company	\$	3,632
Loma Linda University	\$	7,393
San Bernardino Valley M.W.D.	\$	7
West Valley Water District	\$	69,388
Yucaipa Valley Water District	\$	955
Total GC Parties:	\$	731,640



# REDLANDS

JOHN R. HARRIS Director

Incorporated 1888

Municipal Utilities & Engineering Department
35 Cajon Street, Suite 15A

Redlands, CA 92373

909-798-7698

To:

Tom Crowley, San Bernardino Basin Groundwater Council President

From:

John Harris, MUED Director

Date:

November 23, 2021

Re:

Groundwater Recharge Credit Request

The City of Redlands became a member of the San Bernardino Basin Groundwater Council (SBBGC) earlier this year when, on March 2<sup>nd</sup>, our City Council approved language in the Framework Agreement, appropriated additional funding, and authorized staff to take the steps necessary to finalize our membership. We are excited to partner with other local groundwater producers to sustain our valuable water source, and look forward to actively participating on the SBBGC.

As a condition of membership, Redlands was required to remit "catch-up" membership fees for Fiscal Years 2018/19 and 2019/2020, as well as our annual membership fee for Fiscal Year 2021/22. We have done so, and will remit annual membership fees promptly in the future. Now, Redlands wishes to maximize the value of our SBBGC membership by receiving appropriate credit for our basin recharging efforts, just as the West Valley Water District and East Valley Water District have.

Redlands has actively contributed to the replenishment of the basin by applying water diverted pursuant to Redlands' water rights and water provided to Redlands pursuant to the Redlands' direct and indirect ownership of shares of Bear Valley Mutual Water Company and Crafton Water Company to local spreading basins. This effort meets the Framework Agreement definition for "Water Provided For Basin Benefit" since this water is "controlled by that agency and intentionally delivered for groundwater recharge into the SBBA" (Framework Agreement Exhibit B, Section II).

The City of Redlands requests credit for groundwater recharge, retroactive to formation of the SBBGC, following the West Valley Water District and East Valley Water District models. This request is submitted based on Redlands' ownership of facilities and water rights in Mill Creek and direct and indirect ownership of numerous shares in Bear Valley Mutual Water Company and Crafton Water Company. A historic water recharge tabulation for each facility is attached. Please let me know the process and timeline for SBBGC approval of this request.



Feel free to contact me if additional information is needed.

Thank You.

John R. Harris

City of Redlands Municipal Utilities and Engineering Department Director

(909) 798-7658

jharris@cityofredlands.org

Cc: George Hanson, Bear Valley Mutual Water Company/Crafton Water Company General

Manager

(909) 793-4901

georgehanson21@gmail.com



## Introduction to Following Table

### Mill Creek —

Mill Creek is diverted by Southern California Edison Company near Forest Falls and at the Highway 38 bridge. Southern California Edison Company has no water rights. Mill Creek Owners hold the water rights. Southern California Edison Company returns possession of the water to the Mill Creek Owners at the afterbay of Southern California Edison Company Mill Creek Powerhouse Number 1. Mill Creek Owners operate and maintain the conveyance facilities from Southern California Edison Company Mill Creek Powerhouse Number 1 to the Cooley Hat and Henry Tate Water Treatment Plant and the East Weir.

The City of Redlands (City) and Crafton Water Company (CWC) are partners in the Mill Creek Owners. The City also owns CWC shares directly and indirectly. CWC delivers water to meet the needs of its shareholders, and the City becomes the possessor of water requested from CWC. The City can elect to direct water from the Mill Creek Diversion works through the East Weir to Mill Creek for recharge, and may also direct water from the Mill Creek diversion works through the East Weir to the Zanja where water percolates into the ground and becomes recharge unless the water is re-diverted into the Crafton Canal at the West Weir on the Zanja by CWC.

### Santa Ana River —

The City owns numerous water company shares including prior right companies, Redlands Water Company and Lugonia Water Company. The City also owns numerous shares of Bear Valley Mutual Water Company. The City is also the beneficiary of shares of companies with which the City has delivery agreements. These water companies deliver water to meet the needs of their shareholders.

Southern California Edison Company diverts the waters of the Santa Ana River at numerous locations. Southern California Edison Company does not own the water rights and returns the diverted Santa Ana River water to Bear Valley Mutual Water Company. Bear Valley Mutual Water Company operates diversion and conveyance works on the Santa Ana River. The City may request that water diverted from the Santa Ana River be delivered into numerous ground water recharge facilities from the Santa Ana River diversion and conveyance facilities.

The attached data illustrates the deliveries of water diverted for groundwater recharge by the City and by mutual water companies as requested by the City.



59
134
84
(AF)
Creek
Upper Mill
Highline
Recharge from Santa Ana River Highline Diversions